

FCC&IC Radio Test Report

FCC ID: QISAP5030DN

IC: 6369A-AP5030DN

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

Project No. : 1505C259C
Equipment : Wireless LAN Access Point
Model Name : AP5030DN
Applicant : Huawei Technologies Co.,Ltd.
Address for FCC : Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District Shenzhen China
Address for IC : Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District, Shenzhen 518129 China

Date of Receipt : Jul. 09, 2015
Date of Test : Jul. 09, 2015 ~ Aug. 17, 2015
Issued Date : Aug. 18, 2015
Tested by : BTL Inc.

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Declaration

BTL represents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with the standards traceable to National Measurement Laboratory (**NML**) of **R.O.C.**, or National Institute of Standards and Technology (**NIST**) of **U.S.A.**

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REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
BTL-FICP-2-1505C259C	Original Issue.	Aug. 18, 2015

1. CERTIFICATION

Equipment : Wireless LAN Access Point
Brand Name : HUAWEI
Model Name : AP5030DN
Applicant : Huawei Technologies Co.,Ltd.
Manufacturer : Huawei Technologies Co.,Ltd.
Address : Administration Building, Huawei Base, Bantian, Longgang District ,Shenzhen
518129, P.R.China
Factory : Huawei Technologies Co.,Ltd.
Address : Huawei Base, Bantian, Longgang District, Shenzhen 518129, P.R.China
Date of Test : Aug. 12, 2015 ~ Aug. 17, 2015
Test Sample : ENGINEERING SAMPLE
Standard(s) : FCC Part15, Subpart E(15.407) / ANSI C63.10: 2013
Canada RSS-247 Issue 1 May 2015
RSS-GEN Issue 4, Nov 2014

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-FICP-2-1505C259C) 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 Canada RSS-247 Issue 1May 2015/RSS-GEN Issue 4, Nov 2014				
Standard(s) Section		Test Item	Judgment	Remark
FCC	IC			
15.207	RSS-GEN 8.8	AC Power Line Conducted Emissions	PASS	
15.407(a)	RSS-247 6.2.2 (1)	26dB Spectrum Bandwidth	PASS	
15.407(a)	RSS-247 6.2.2 (1)	Maximum Conducted Output Power	PASS	
15.407(a)	RSS-247 6.2.2 (1)	Power Spectral Density	PASS	
15.407(a)	RSS-247 6.2.2 (2)	Radiated Emissions	PASS	
15.407(b)	RSS-247 6.2.2 (2)	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

BTL's test firm number for IC: 4428B-1

2.2 MEASUREMENT UNCERTAINTY

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)	Note
DG-C02	CISPR	150 kHz ~ 30MHz	2.32	

B. Radiated Measurement:

Test Site	Method	Measurement Frequency Range	Ant.	U,(dB)	Note
DG-CB03 (3m)	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	

Test Site	Method	Measurement Frequency Range	Ant.	U,(dB)	Note
DG-CB03 (3m)	CISPR	1GHz ~ 18GHz	V	3.12	
		1GHz ~ 18GHz	H	3.68	
		18GHz ~ 40GHz	V	4.15	
		18GHz ~ 40GHz	H	4.14	

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	Wireless LAN Access Point	
Brand Name	HUAWEI	
Model Name	AP5030DN	
Mode Different	N/A	
Product Description	Operation Frequency	UNII-1: 5150-5250MHz UNII-2A: 5250-5350MHz UNII-2C: 5470-5725MHz UNII-3: 5725-5850MHz
	Modulation Type	OFDM
	Bit Rate of Transmitter	1.3Gbps
Power Source	#1 DC voltage supplied from AC Adapter. Brand /Model: HUAWEI / HW-120200U1W #2 DC voltage supplied from PoE.	
Power Rating	#1 I/P: 100-240V~ 50/60Hz 0.8A O/P: DC 12.0V 2.0A #2 -48VDC	

Output Power	Output Power (Max.)for UNII-1 (1TX)	802.11a: 15.06dBm 802.11n (20M): 14.88dBm 802.11n (40M): 15.31dBm 802.11ac (20M): 14.81dBm 802.11ac (40M): 15.81dBm 802.11ac (80M): 12.00dBm
	RSS-247 E.I.R.P Output Power for UNII-1(1TX)	802.11a: 20.56dBm 802.11n (20M): 20.38dBm 802.11n (40M): 20.81dBm 802.11ac (20M): 20.31dBm 802.11ac (40M): 21.31dBm 802.11ac (80M): 17.50dBm
	Output Power (Max.)for UNII-2A (1TX)	802.11a: 14.93dBm 802.11n (20M): 14.94dBm 802.11n (40M): 14.93dBm 802.11ac (20M): 14.97dBm 802.11ac (40M): 15.65dBm 802.11ac (80M): 12.15dBm
	Output Power (Max.)for UNII-2C (1TX)	802.11a: 15.06dBm 802.11n (20M): 14.97dBm 802.11n (40M): 15.03dBm 802.11ac (20M): 14.81dBm 802.11ac (40M): 15.86dBm 802.11ac (80M): 11.91dBm
	Output Power (Max.)for UNII-3 (1TX)	802.11a: 15.10dBm 802.11n (20M): 14.81dBm 802.11n (40M): 15.21dBm 802.11ac (20M): 14.93dBm 802.11ac (40M): 15.89dBm 802.11ac (80M): 11.85dBm

Output Power	Output Power (Max.)for UNII-1 (2TX)	802.11a: 14.90dBm 802.11n (20M): 14.63dBm 802.11n (40M): 15.07dBm 802.11ac (20M): 14.49dBm 802.11ac (40M): 15.93dBm 802.11ac (80M): 12.22dBm
	RSS-247 E.I.R.P Output Power for UNII-1(2TX)	802.11a: 20.40dBm 802.11n (20M): 20.13dBm 802.11n (40M): 20.57dBm 802.11ac (20M): 19.99dBm 802.11ac (40M): 21.43dBm 802.11ac (80M): 17.72dBm
	Output Power (Max.)for UNII-2A (2TX)	802.11a: 15.32dBm 802.11n (20M): 15.03dBm 802.11n (40M): 14.82dBm 802.11ac (20M): 15.03dBm 802.11ac (40M): 15.46dBm 802.11ac (80M): 12.21dBm
	Output Power (Max.)for UNII-2C (2TX)	802.11a: 15.22dBm 802.11n (20M): 14.96dBm 802.11n (40M): 15.08dBm 802.11ac (20M): 15.08dBm 802.11ac (40M): 15.88dBm 802.11ac (80M): 12.06dBm
	Output Power (Max.)for UNII-3 (2TX)	802.11a: 15.29dBm 802.11n (20M): 14.96dBm 802.11n (40M): 15.11dBm 802.11ac (20M): 14.97dBm 802.11ac (40M): 15.55dBm 802.11ac (80M): 12.03dBm

Output Power	Output Power (Max.)for UNII-1 (3TX)	802.11a: 14.83dBm 802.11n (20M): 14.43dBm 802.11n (40M): 14.76dBm 802.11ac (20M): 14.54dBm 802.11ac (40M): 15.47dBm 802.11ac (80M): 11.94dBm
	RSS-247 E.I.R.P Output Power for UNII-1(3TX)	802.11a: 20.33dBm 802.11n (20M): 19.93dBm 802.11n (40M): 20.26dBm 802.11ac (20M): 20.04dBm 802.11ac (40M): 20.97dBm 802.11ac (80M): 17.44dBm
	Output Power (Max.)for UNII-2A (3TX)	802.11a: 14.94dBm 802.11n (20M): 14.58dBm 802.11n (40M): 14.71dBm 802.11ac (20M): 14.75dBm 802.11ac (40M): 15.45dBm 802.11ac (80M): 11.89dBm
	Output Power (Max.)for UNII-2C (3TX)	802.11a: 14.90dBm 802.11n (20M): 14.60dBm 802.11n (40M): 14.79dBm 802.11ac (20M): 14.52dBm 802.11ac (40M): 15.58dBm 802.11ac (80M): 11.92dBm
	Output Power (Max.)for UNII-3 (3TX)	802.11a: 14.91dBm 802.11n (20M): 14.60dBm 802.11n (40M): 14.74dBm 802.11ac (20M): 14.63dBm 802.11ac (40M): 15.48dBm 802.11ac (80M): 11.95dBm

Output Power with Beamforming	Output Power (Max.)for UNII-1 (2TX)	802.11n (20M): 11.69dBm 802.11n (40M): 11.97dBm 802.11ac (20M): 11.79dBm 802.11ac (40M): 12.90dBm 802.11ac (80M): 9.10dBm
	RSS-247 E.I.R.P Output Power for UNII-1(2TX)	802.11n (20M): 17.19dBm 802.11n (40M): 17.47dBm 802.11ac (20M): 17.29dBm 802.11ac (40M): 18.40dBm 802.11ac (80M): 14.60dBm
	Output Power (Max.)for UNII-2A (2TX)	802.11n (20M): 11.74dBm 802.11n (40M): 11.85dBm 802.11ac (20M): 11.78dBm 802.11ac (40M): 12.84dBm 802.11ac (80M): 9.20dBm
	Output Power (Max.)for UNII-2C (2TX)	802.11n (20M): 11.87dBm 802.11n (40M): 12.14dBm 802.11ac (20M): 11.71dBm 802.11ac (40M): 12.82dBm 802.11ac (80M): 9.24dBm
	Output Power (Max.)for UNII-3 (2TX)	802.11n (20M): 11.78dBm 802.11n (40M): 11.98dBm 802.11ac (20M): 11.89dBm 802.11ac (40M): 12.76dBm 802.11ac (80M): 9.16dBm

Output Power with Beamforming	Output Power (Max.)for UNII-1 (3TX)	802.11n (20M): 11.50dBm 802.11n (40M): 11.76dBm 802.11ac (20M): 11.60dBm 802.11ac (40M): 12.62dBm 802.11ac (80M): 8.88dBm
	RSS-247 E.I.R.P Output Power for UNII-1(3TX)	802.11n (20M): 17.00dBm 802.11n (40M): 17.26dBm 802.11ac (20M): 17.10dBm 802.11ac (40M): 18.12dBm 802.11ac (80M): 14.38dBm
	Output Power (Max.)for UNII-2A (3TX)	802.11n (20M): 11.54dBm 802.11n (40M): 11.75dBm 802.11ac (20M): 11.54dBm 802.11ac (40M): 12.57dBm 802.11ac (80M): 8.93dBm
	Output Power (Max.)for UNII-2C (3TX)	802.11n (20M): 11.51dBm 802.11n (40M): 11.87dBm 802.11ac (20M): 11.53dBm 802.11ac (40M): 12.52dBm 802.11ac (80M): 8.98dBm
	Output Power (Max.)for UNII-3 (3TX)	802.11n (20M): 11.69dBm 802.11n (40M): 11.77dBm 802.11ac (20M): 11.58dBm 802.11ac (40M): 12.46dBm 802.11ac (80M): 8.89dBm

Note:

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

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

UNII-2A		UNII-2A		UNII-2A	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
52	5260	54	5270	58	5290
56	5280	62	5310		
60	5300				
64	5320				

UNII-2C		UNII-2C		UNII-2C	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
100	5500	102	5510	106	5530
104	5520	110	5550	122	5610
108	5540	118	5590		
112	5560	126	5630		
116	5580	134	5670		
120	5600				
124	5620				
128	5640				
132	5660				
136	5680				
140	5700				

UNII-3		UNII-3		UNII-3	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
149	5745	151	5755	155	5775
153	5765	159	5795		
157	5785				
161	5805				
165	5825				

3. Antenna Specification:

Ant.	Manufacturer	Model Name	Antenna Type	Connector	Gain (dBi)	Note
A	Nippon Antenna (China) Co.,LTD.	C15N13Z100BB	Internal Antenna	U.FL	5.5	5G
B	Nippon Antenna (China) Co.,LTD.	C15N13Z100BB	Internal Antenna	U.FL	5.5	5G
C	Nippon Antenna (China) Co.,LTD.	C15N13Z100BB	Internal Antenna	U.FL	5.5	5G

Note:

1. The EUT incorporates a MIMO function. Physically, the EUT provides three completed transmitters and receivers (3T3R).
2. ANT A for 1TX was found to be the worst case and recorded.

Remark:

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.

Directional gain = $5.5 + 10\log(3/2) = 5.5 + 1.76 = 7.26$.

So the Output Power of UNII-1 & UNII-3 limit = $30 - 7.26 + 6 = 28.74$

the RSS-247 Output Power of UNII-1 limit = $23 - 7.26 + 6 = 21.74$

the Output Power of UNII-2A & UNII-2C limit = $24 - 7.26 + 6 = 22.74$,

the PSD of UNII-1 limit = $17 - 7.26 + 6 = 15.74$,

the RSS-247 PSD of UNII-1 limit = $10 - 7.26 + 6 = 8.74$,

the PSD of UNII-2A & UNII-2C limit = $11 - 7.26 + 6 = 9.74$,

the PSD of UNII-3 limit = $30 - 7.26 + 6 = 28.74$.

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.

Directional gain = $5.5 + 10\log(3/3) = 5.5 + 0 = 5.5$.

So the Output Power of UNII-1 & UNII-3 limit = 30

the RSS-247 Output Power of UNII-1 limit = 23

the Output Power of UNII-2A & UNII-2C limit = 24

the PSD of UNII-1 limit = 17,

the RSS-247 PSD of UNII-1 limit = 10,

the PSD of UNII-2A & UNII-2C limit = 11,

the PSD of UNII-3 limit = 30.

3.2 DESCRIPTION OF TEST MODES

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

Pretest Test Mode	Description
Mode 1	TX A Mode / CH36, CH40, CH48 (UNII-1)
Mode 2	TX N20 Mode / CH36, CH40, CH48 (UNII-1)
Mode 3	TX N40 Mode / CH38, CH46 (UNII-1)
Mode 4	TX AC20 Mode / CH36, CH40, CH48 (UNII-1)
Mode 5	TX AC40 Mode / CH38, CH46 (UNII-1)
Mode 6	TX AC80 Mode / CH42 (UNII-1)
Mode 7	TX A Mode / CH52, CH60, CH64 (UNII-2A)
Mode 8	TX N20 Mode / CH52, CH60, CH64 (UNII-2A)
Mode 9	TX N40 Mode / CH54, CH62 (UNII-2A)
Mode 10	TX AC20 Mode / CH52, CH60, CH64 (UNII-2A)
Mode 11	TX AC40 Mode / CH54, CH62 (UNII-2A)
Mode 12	TX AC80 Mode / CH58 (UNII-2A)
Mode 13	TX A Mode / CH100, CH116, CH140 (UNII-2C)
Mode 14	TX N20 Mode / CH100, CH116, CH140 (UNII-2C)
Mode 15	TX N40 Mode / CH102, CH110, CH134 (UNII-2C)
Mode 16	TX AC20 Mode / CH100, CH116, CH140 (UNII-2C)
Mode 17	TX AC40 Mode / CH102, CH110, CH134 (UNII-2C)
Mode 18	TX AC80 Mode / CH106, CH122 (UNII-2C)
Mode 19	TX A Mode / CH149,CH157,CH165 (UNII-3)
Mode 20	TX N20 Mode / CH149,CH157,CH165 (UNII-3)
Mode 21	TX N40 Mode / CH151,CH159 (UNII-3)
Mode 22	TX AC20 Mode / CH149,CH157,CH165 (UNII-3)
Mode 23	TX AC40 Mode / CH151,CH159 (UNII-3)
Mode 24	TX AC80 Mode / CH155 (UNII-3)
Mode 25	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 25	TX Mode

For Radiated Test	
Final Test Mode	Description
Mode 1	TX A Mode / CH36, CH40, CH48 (UNII-1)
Mode 2	TX N20 Mode / CH36, CH40, CH48 (UNII-1)
Mode 3	TX N40 Mode / CH38, CH46 (UNII-1)
Mode 4	TX AC20 Mode / CH36, CH40, CH48 (UNII-1)
Mode 5	TX AC40 Mode / CH38, CH46 (UNII-1)
Mode 6	TX AC80 Mode / CH42 (UNII-1)
Mode 7	TX A Mode / CH52, CH60, CH64 (UNII-2A)
Mode 8	TX N20 Mode / CH52, CH60, CH64 (UNII-2A)
Mode 9	TX N40 Mode / CH54, CH62 (UNII-2A)
Mode 10	TX AC20 Mode / CH52, CH60, CH64 (UNII-2A)
Mode 11	TX AC40 Mode / CH54, CH62 (UNII-2A)
Mode 12	TX AC80 Mode / CH58 (UNII-2A)
Mode 13	TX A Mode / CH100, CH116, CH140 (UNII-2C)
Mode 14	TX N20 Mode / CH100, CH116, CH140 (UNII-2C)
Mode 15	TX N40 Mode / CH102, CH110, CH134 (UNII-2C)
Mode 16	TX AC20 Mode / CH100, CH116, CH140 (UNII-2C)
Mode 17	TX AC40 Mode / CH102, CH110, CH134 (UNII-2C)
Mode 18	TX AC80 Mode / CH106, CH122 (UNII-2C)
Mode 19	TX A Mode / CH149,CH157,CH165 (UNII-3)
Mode 20	TX N20 Mode / CH149,CH157,CH165 (UNII-3)
Mode 21	TX N40 Mode / CH151,CH159 (UNII-3)
Mode 22	TX AC20 Mode / CH149,CH157,CH165 (UNII-3)
Mode 23	TX AC40 Mode / CH151,CH159 (UNII-3)
Mode 24	TX AC80 Mode / CH155 (UNII-3)

Note:

- (1) For radiated below 1GHz test, the 802.11a mode is found to be the worst case and recorded.
- (2) For radiated, the 3TX (ANT A+ANT B+ANT C) is found to be the worst case and recorded.

3.3 TABLE OF PARAMETERS OF TEST SOFTWARE SETTING

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

UNII-1 - 1TX			
Test Software Version	CART		
Frequency (MHz)	5180	5200	5240
A Mode	12	14	14
Frequency (MHz)	5180	5200	5240
N20 Mode	12	14	14
Frequency (MHz)	5190	5230	
N40 Mode	12	15	

UNII-2A - 1TX			
Test Software Version	CART		
Frequency (MHz)	5260	5300	5320
A Mode	15	15	12
Frequency (MHz)	5260	5300	5320
N20 Mode	15	15	12
Frequency (MHz)	5270	5310	
N40 Mode	15	12	

UNII-2C - 1TX			
Test Software Version	CART		
Frequency (MHz)	5500	5580	5700
A Mode	12	15	12
Frequency (MHz)	5500	5580	5700
N20 Mode	12	15	12
Frequency (MHz)	5510	5550	5670
N40 Mode	15	15	15

UNII-3 - 1TX			
Test Software Version	CART		
Frequency (MHz)	5745	5785	5825
A Mode	15	15	15
Frequency (MHz)	5745	5785	5825
N20 Mode	15	15	15
Frequency (MHz)	5755	5795	
N40 Mode	15	15	

UNII-1 - 1TX			
Test Software Version	CART		
Frequency (MHz)	5180	5200	5240
AC20 Mode	12	14	14
Frequency (MHz)	5190	5230	
AC40 Mode	12	15	
Frequency (MHz)	5210		
AC80 Mode	12		

UNII-2A - 1TX			
Test Software Version	CART		
Frequency (MHz)	5260	5300	5320
AC20 Mode	15	15	12
Frequency (MHz)	5270	5310	
AC40 Mode	15	12	
Frequency (MHz)	5290		
AC80 Mode	12		

UNII-2C - 1TX			
Test Software Version	CART		
Frequency (MHz)	5500	5580	5700
AC20 Mode	12	15	12
Frequency (MHz)	5510	5550	5670
AC40 Mode	15		15
Frequency (MHz)	5530	5610	
AC80 Mod	12	12	

UNII-3 - 1TX			
Test Software Version	CART		
Frequency (MHz)	5745	5785	5825
AC20 Mode	15	15	15
Frequency (MHz)	5755	5795	
AC40 Mode	15	15	
Frequency (MHz)	5775		
AC80 Mode	12		

UNII-1 - 2TX			
Test Software Version	CART		
Frequency (MHz)	5180	5200	5240
A Mode	9	11	11
Frequency (MHz)	5180	5200	5240
N20 Mode	9	11	12
Frequency (MHz)	5190	5230	
N40 Mode	9	12	

UNII-2A - 2TX			
Test Software Version	CART		
Frequency (MHz)	5260	5300	5320
A Mode	12	12	9
Frequency (MHz)	5260	5300	5320
N20 Mode	12	12	9
Frequency (MHz)	5270	5310	
N40 Mode	12	9	

UNII-2C - 2TX			
Test Software Version	CART		
Frequency (MHz)	5500	5580	5700
A Mode	9	12	9
Frequency (MHz)	5500	5580	5700
N20 Mode	9	12	9
Frequency (MHz)	5510	5550	5670
N40 Mode	12	12	12

UNII-3 - 2TX			
Test Software Version	CART		
Frequency (MHz)	5745	5785	5825
A Mode	12	12	12
Frequency (MHz)	5745	5785	5825
N20 Mode	12	12	12
Frequency (MHz)	5755	5795	
N40 Mode	12	12	

UNII-1 - 2TX			
Test Software Version	CART		
Frequency (MHz)	5180	5200	5240
AC20 Mode	9	11	12
Frequency (MHz)	5190	5230	
AC40 Mode	9	12	
Frequency (MHz)	5210		
AC80 Mode	9		

UNII-2A - 2TX			
Test Software Version	CART		
Frequency (MHz)	5260	5300	5320
AC20 Mode	12	12	9
Frequency (MHz)	5270	5310	
AC40 Mode	12	9	
Frequency (MHz)	5290		
AC80 Mode	9		

UNII-2C - 2TX			
Test Software Version	CART		
Frequency (MHz)	5500	5580	5700
AC20 Mode	9	12	9
Frequency (MHz)	5510	5550	5670
AC40 Mode	12	12	12
Frequency (MHz)	5530	5610	
AC80 Mode	9	9	

UNII-3 - 2TX			
Test Software Version	CART		
Frequency (MHz)	5745	5785	5825
AC20 Mode	12	12	12
Frequency (MHz)	5755	5795	
AC40 Mode	12	12	
Frequency (MHz)	5775		
AC80 Mode	9		

UNII-1 - 3TX			
Test Software Version	CART		
Frequency (MHz)	5180	5200	5240
A Mode	7	9	9
Frequency (MHz)	5180	5200	5240
N20 Mode	7	9	9
Frequency (MHz)	5190	5230	
N40 Mode	7	10	

UNII-2A - 3TX			
Test Software Version	CART		
Frequency (MHz)	5260	5300	5320
A Mode	10	10	7
Frequency (MHz)	5260	5300	5320
N20 Mode	10	10	7
Frequency (MHz)	5270	5310	
N40 Mode	10	7	

UNII-2C - 3TX			
Test Software Version	CART		
Frequency (MHz)	5500	5580	5700
A Mode	7	10	7
Frequency (MHz)	5500	5580	5700
N20 Mode	7	10	7
Frequency (MHz)	5510	5550	5670
N40 Mode	10	10	10

UNII-3 - 3TX			
Test Software Version	CART		
Frequency (MHz)	5745	5785	5825
A Mode	10	10	10
Frequency (MHz)	5745	5785	5825
N20 Mode	10	10	10
Frequency (MHz)	5755	5795	
N40 Mode	10	10	

UNII-1 - 3TX			
Test Software Version	CART		
Frequency (MHz)	5180	5200	5240
AC20 Mode	7	9	9
Frequency (MHz)	5190	5230	
AC40 Mode	7	10	
Frequency (MHz)	5210		
AC80 Mode	7		

UNII-2A - 3TX			
Test Software Version	CART		
Frequency (MHz)	5260	5300	5320
AC20 Mode	10	10	7
Frequency (MHz)	5270	5310	
AC40 Mode	10	7	
Frequency (MHz)	5290		
AC80 Mode	7		

UNII-2C - 3TX			
Test Software Version	CART		
Frequency (MHz)	5500	5580	5700
AC20 Mode	7	10	7
Frequency (MHz)	5510	5550	5670
AC40 Mode	10	10	10
Frequency (MHz)	5530	5610	
AC80 Mode	7	7	

UNII-3 - 3TX			
Test Software Version	CART		
Frequency (MHz)	5745	5785	5825
AC20 Mode	10	10	10
Frequency (MHz)	5755	5795	
AC40 Mode	10	10	
Frequency (MHz)	5775		
AC80 Mode	7		

UNII-1 - 2TX with Beamforming			
Test Software Version	CART		
Frequency (MHz)	5180	5200	5240
N20 Mode	6	9	9
Frequency (MHz)	5190	5230	
N40 Mode	6	9	

UNII-2A - 2TX with Beamforming			
Test Software Version	CART		
Frequency (MHz)	5260	5300	5320
N20 Mode	9	9	6
Frequency (MHz)	5270	5310	
N40 Mode	9	6	

UNII-2C - 2TX with Beamforming			
Test Software Version	CART		
Frequency (MHz)	5500	5580	5700
N20 Mode	6	9	6
Frequency (MHz)	5510	5550	5670
N40 Mode	9	9	9

UNII-3 - 2TX with Beamforming			
Test Software Version	CART		
Frequency (MHz)	5745	5785	5825
N20 Mode	9	9	9
Frequency (MHz)	5755	5795	
N40 Mode	9	9	

UNII-1 - 2TX with Beamforming			
Test Software Version	CART		
Frequency (MHz)	5180	5200	5240
AC20 Mode	6	9	9
Frequency (MHz)	5190	5230	
AC40 Mode	6	9	
Frequency (MHz)	5210		
AC80 Mode	6		

UNII-2A - 2TX with Beamforming			
Test Software Version	CART		
Frequency (MHz)	5260	5300	5320
AC20 Mode	9	9	6
Frequency (MHz)	5270	5310	
AC40 Mode	9	6	
Frequency (MHz)	5290		
AC80 Mode	6		

UNII-2C - 2TX with Beamforming			
Test Software Version	CART		
Frequency (MHz)	5500	5580	5700
AC20 Mode	6	9	6
Frequency (MHz)	5510	5550	5670
AC40 Mode	9	9	9
Frequency (MHz)	5530	5610	
AC80 Mode	6	6	

UNII-3 - 2TX with Beamforming			
Test Software Version	CART		
Frequency (MHz)	5745	5785	5825
AC20 Mode	9	9	9
Frequency (MHz)	5755	5795	
AC40 Mode	9	9	
Frequency (MHz)	5775		
AC80 Mode	6		

UNII-1 - 3TX with Beamforming			
Test Software Version	CART		
Frequency (MHz)	5180	5200	5240
N20 Mode	4	7	7
Frequency (MHz)	5190	5230	
N40 Mode	4	7	

UNII-2A - 3TX with Beamforming			
Test Software Version	CART		
Frequency (MHz)	5260	5300	5320
N20 Mode	7	7	4
Frequency (MHz)	5270	5310	
N40 Mode	7	4	

UNII-2C - 3TX with Beamforming			
Test Software Version	CART		
Frequency (MHz)	5500	5580	5700
N20 Mode	4	7	4
Frequency (MHz)	5510	5550	5670
N40 Mode	7	7	7

UNII-3 - 3TX with Beamforming			
Test Software Version	CART		
Frequency (MHz)	5745	5785	5825
N20 Mode	7	7	7
Frequency (MHz)	5755	5795	
N40 Mode	7	7	

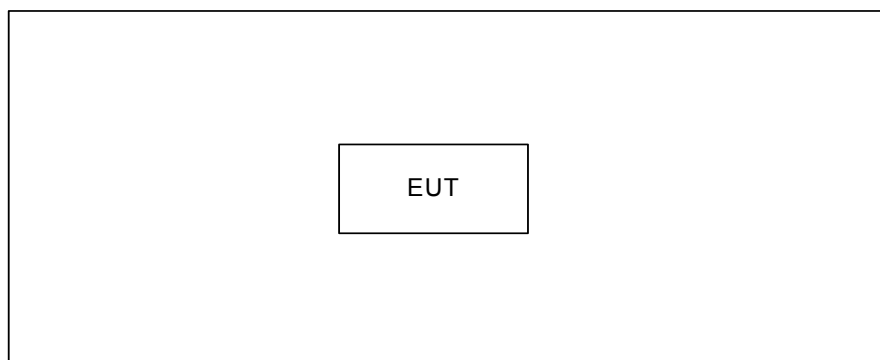
UNII-1 - 3TX with Beamforming			
Test Software Version	CART		
Frequency (MHz)	5180	5200	5240
AC20 Mode	4	7	7
Frequency (MHz)	5190	5230	
AC40 Mode	4	7	
Frequency (MHz)	5210		
AC80 Mode	4		

UNII-2A - 3TX with Beamforming			
Test Software Version	CART		
Frequency (MHz)	5260	5300	5320
AC20 Mode	7	7	4
Frequency (MHz)	5270	5310	
AC40 Mode	7	4	
Frequency (MHz)	5290		
AC80 Mode	4		

UNII-2C - 3TX with Beamforming			
Test Software Version	CART		
Frequency (MHz)	5500	5580	5700
AC20 Mode	4	7	4
Frequency (MHz)	5510	5550	5670
AC40 Mode	7	7	7
Frequency (MHz)	5530	5610	
AC80 Mode	4	4	

UNII-3 - 3TX with Beamforming			
Test Software Version	CART		
Frequency (MHz)	5745	5785	5825
AC20 Mode	7	7	7
Frequency (MHz)	5755	5795	
AC40 Mode	7	7	
Frequency (MHz)	5775		
AC80 Mode	4		

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.	Note
-	-	-	-	-	-	

Item	Shielded Type	Ferrite Core	Length	Note
-	-	-	-	-

4. EMC EMISSION TEST

4.1 CONDUCTED EMISSION MEASUREMENT

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

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

Note:

- (1) The tighter limit applies at the band edges.
- (2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.
- (3) The test result calculated as following:
 Measurement Value = Reading Level + Correct Factor
 Correct Factor = Insertion Loss + Cable Loss + Attenuator Factor(if use)
 Margin Level = Measurement Value - Limit Value

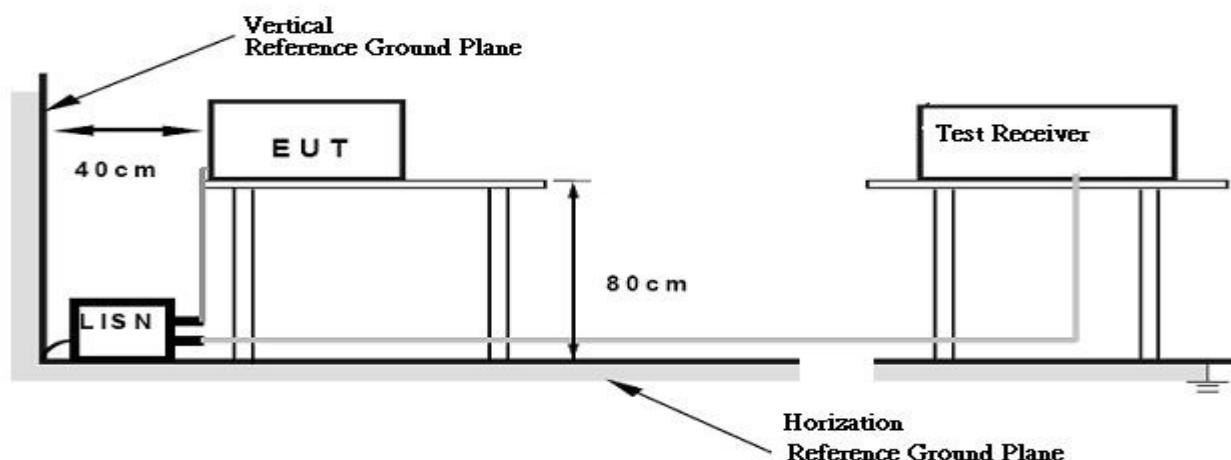
4.1.2 TEST PROCEDURE

- a. The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- d. LISN at least 80 cm from nearest part of EUT chassis.
- e. For the actual test configuration, please refer to the related Item - Block Diagram of system tested (please refer to 3.3).

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: 21°C Relative Humidity: 51% 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) and RSS-247 6.2.2 (2), then the 15.209(a) and RSS-Gen limit in the table below has to be followed.

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

Note:

- (1) The limit for radiated test was performed according to FCC PART 15C.
- (2) The tighter limit applies at the band edges.

LIMITS OF UNWANTED EMISSION OUT OF THE RESTRICTED BANDS

Frequencies (MHz)	EIRP Limit (dBm)	Equivalent Field Strength at 3m (dBμV/m)
5150-5250	-27	68.3
5250-5350	-27	68.3
5470-5725	-27	68.3
5725-5850	-27 (beyond 10MHz of the band edge)	68.3
	-17 (within 10 MHz of band edge)	78.3

Note: The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength:

$$E = \frac{1000000 \sqrt{30P}}{3} \mu\text{V/m, where P is the eirp (Watts)}$$

4.2.2 TEST PROCEDURE

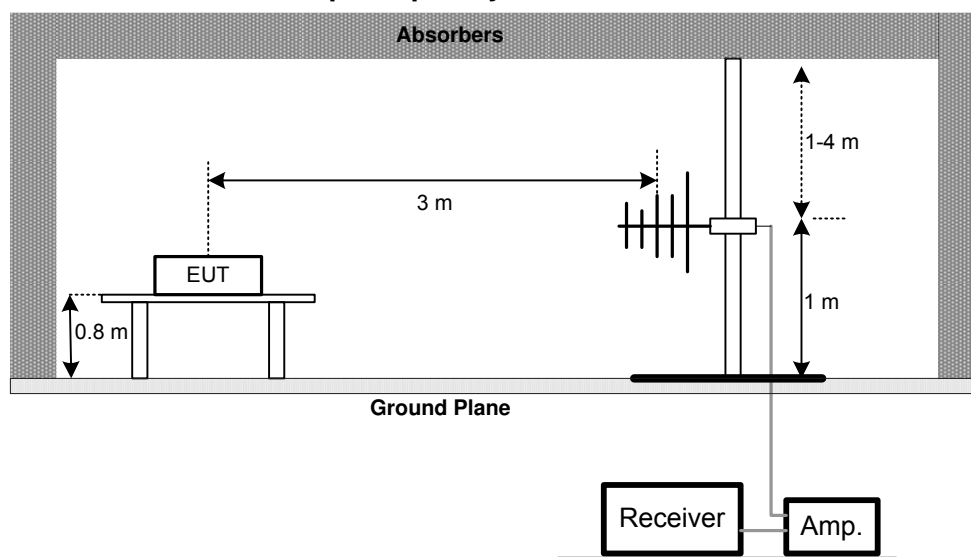
- The measuring distance of at 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
- The measuring distance of at 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)
- The height of the equipment or of the substitution antenna shall be 0.8 m or 1.5m, the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- The initial step in collecting conducted 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.
- 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)
- 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)
- For the actual test configuration, please refer to the related Item - Block Diagram of system tested (please refer to 3.3).

4.2.3 DEVIATION FROM TEST STANDARD

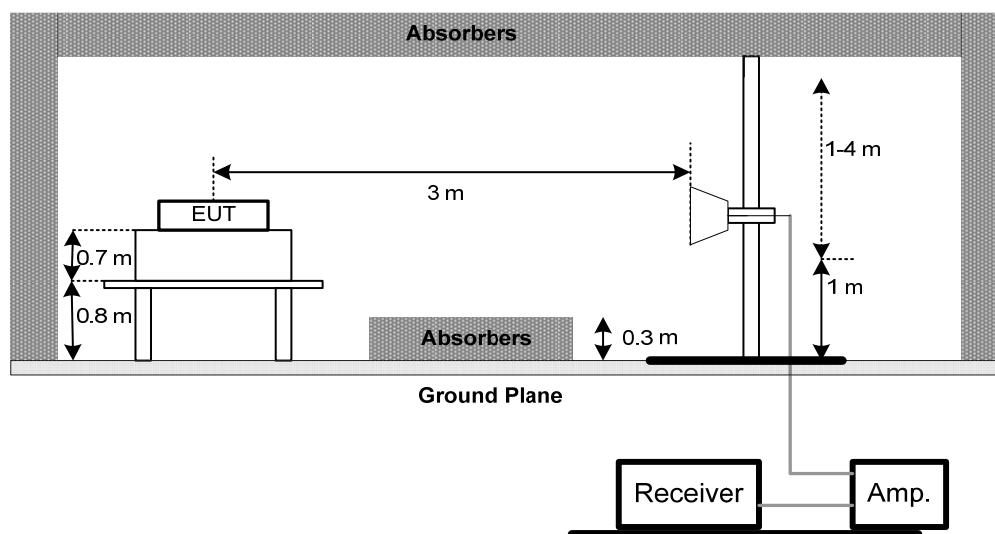
No deviation

4.2.4 TEST SETUP

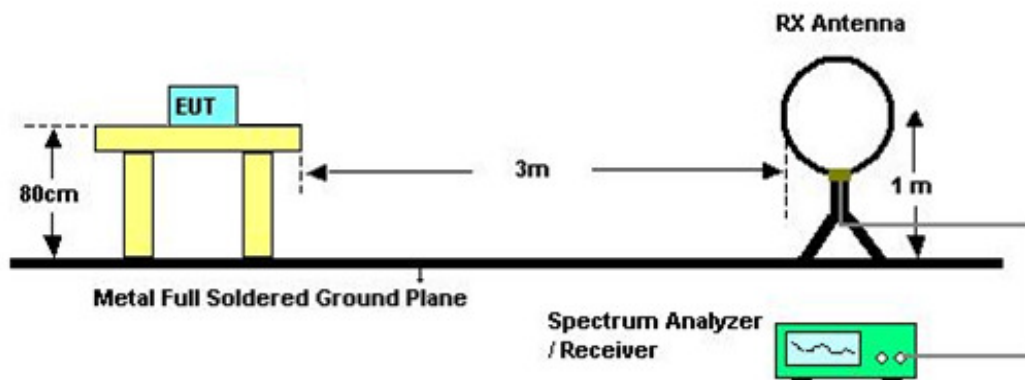
(A) Radiated Emission Test Set-Up Frequency Below 1GHz



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



(C) Radiated emissions below 30MHz



4.2.5 EUT OPERATING CONDITIONS

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

4.2.6 EUT TEST CONDITIONS

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

4.1 TEST RESULTS (9Khz to 30MHz)

Please refer to the Attachment B

Remark:

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

4.2 TEST RESULTS (30mhz to 1000 MHz)

Please refer to the Attachment C.

4.3 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/ RSS-247			
Test Item	Limit	Frequency Range (MHz)	Result
Bandwidth	26 dB Bandwidth	5150-5250	PASS
	26 dB Bandwidth	5250-5350	PASS
	26 dB Bandwidth	5470-5725	PASS
	Minimum 500kHz 6dB Bandwidth	5725-5850	PASS

5.1.1 TEST PROCEDURE

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

b.

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

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

5.1.2 DEVIATION FROM STANDARD

No deviation.

5.1.3 TEST SETUP



5.1.4 EUT OPERATION CONDITIONS

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

5.1.5 EUT TEST CONDITIONS

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

5.1.6 TEST RESULTS

Please refer to the Attachment E.

6. MAXIMUM CONDUCTED OUTPUT POWER

6.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E/ RSS-247			
Test Item	Limit	Frequency Range (MHz)	Result
Conducted Output Power	For FCC: Fixed:1 Watt (30dBm) Mobile and portable: 250mW (24dBm)	5150-5250	PASS
	For RSS:e.i.r.p. power: not exceed 200 mW(23dBm) or $10 + 10 \log_{10} B$		
	250mW (24dBm)	5250-5350	PASS
	250mW (24dBm)	5470-5725	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	≥ 3 MHz.
Detector	RMS
Trace	Max Hold
Sweep Time	auto

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

6.1.2 DEVIATION FROM STANDARD

No deviation.

6.1.3 TEST SETUP



6.1.4 EUT OPERATION CONDITIONS

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

6.1.5 EUT TEST CONDITIONS

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

6.1.6 TEST RESULTS

Please refer to the Attachment F.

7. ANTENNA CONDUCTED SPURIOUS EMISSION

7.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E/ RSS-247			
Test Item	Limit	Frequency Range (MHz)	Result
Antenna conducted Spurious Emission	-27dBm/MHz	5150-5250	PASS
	-27dBm/MHz	5250-5350	PASS
	-27dBm/MHz	5470-5725	PASS
	Below -17dBm/MHz within 10MHz of band edge, below -27dBm/MHz beyond 10MHz of the band edge	5725-5850	PASS

7.1.1 TEST PROCEDURE

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

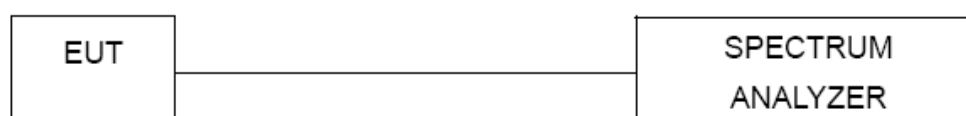
b.

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

7.1.2 DEVIATION FROM STANDARD

No deviation.

7.1.3 TEST SETUP



7.1.4 EUT OPERATION CONDITIONS

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

7.1.5 EUT TEST CONDITIONS

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

7.1.6 TEST RESULTS

Please refer to the Attachment G.

8. POWER SPECTRAL DENSITY TEST

8.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E/ RSS-247			
Test Item	Limit	Frequency Range (MHz)	Result
Power Spectral Density	For FCC: Other then Mobile and portable:17dBm/MHz Mobile and portable:11dBm/MHz	5150-5250	PASS
	For RSS:10dBm/MHz		
	11dBm/MHz	5250-5350	PASS
	11dBm/MHz	5470-5725	PASS
	30dBm/500kHz	5725-5850	PASS

8.1.1 TEST PROCEDURE

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

b.

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

Note:

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

8.1.1 DEVIATION FROM STANDARD

No deviation.

8.1.2 TEST SETUP



8.1.3 EUT OPERATION CONDITIONS

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

8.1.4 EUT TEST CONDITIONS

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

8.1.5 TEST RESULTS

Please refer to the Attachment H.

9. FREQUENCY STABILITY MEASUREMENT

9.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E/ RSS-247			
Test Item	Limit	Frequency Range (MHz)	Result
Frequency Stability	Specified in the user's manual	5150-5250	PASS
		5250-5350	PASS
		5470-5725	PASS
		5725-5850	PASS

9.1.1 TEST PROCEDURE

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

b.

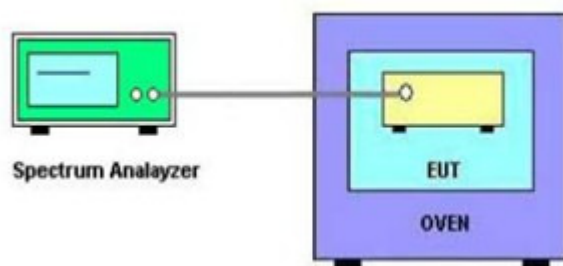
Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	Entire absence of modulation emissions bandwidth
RBW	10 kHz
VBW	10 kHz
Sweep Time	Auto

- c. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.
- d. User manual temperature is -10°C~50°C.

9.1.2 DEVIATION FROM STANDARD

No deviation.

9.1.3 TEST SETUP



9.1.4 EUT OPERATION CONDITIONS

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

9.1.5 EUT TEST CONDITIONS

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

9.1.6 TEST RESULTS

Please refer to the Attachment I.

10. MEASUREMENT INSTRUMENTS LIST

Conducted Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	LISN	EMCO	3816/2	00052765	Mar. 28, 2016
2	LISN	R&S	ENV216	101447	Mar. 28, 2016
3	Test Cable	N/A	C_17	N/A	Mar. 13, 2016
4	EMI TEST RECEIVER	R&S	ESCS30	833364/017	Mar. 28, 2016
5	50Ω Terminator	SHX	TF2-3G-A	08122902	Mar. 28, 2016
6	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

Radiated Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Antenna	Schwarzbeck	VULB9160	9160-3232	Mar. 28, 2016
2	Amplifier	HP	8447D	2944A09673	Nov. 17, 2015
3	Receiver	AGILENT	N9038A	MY52130039	Sep. 30, 2015
4	Test Cable	N/A	C-01_CB03	N/A	Jun. 28, 2016
5	Controller	CT	SC100	N/A	N/A
6	Antenna	ETS	3115	00075789	Mar. 28, 2016
7	Amplifier	Agilent	8449B	3008A02274	Nov. 02, 2015
8	Receiver	AGILENT	N9038A	MY52130039	Sep. 30, 2015
9	Test Cable	N/A	C-68	N/A	Jun. 28, 2016
10	Controller	CT	SC100	N/A	N/A
11	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Mar. 28, 2016
12	Microwave Preamplifier With Adaptor	EMC INSTRUMENT	EMC2654045	980039 & HA01	Mar. 28, 2016
13	Active Loop Antenna	R&S	HFH2-Z2	830749/020	Aug. 15, 2016
14	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

Spectrum Bandwidth Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Nov. 02, 2015

Maximum Conducted Output Power Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	P-series Power meter	Agilent	N1911A	MY45100473	Mar. 28, 2016
2	Wireband Power sensor	Agilent	N1921A	MY51100041	Mar. 28, 2016

Antenna Conducted Spurious Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Nov. 02, 2015

Power Spectral Density Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Nov. 02, 2015

Frequency Stability Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Nov. 02, 2015
2	Precision Oven Tester	HOLINK	H-T-1F-D	BA03101701	May. 23, 2016

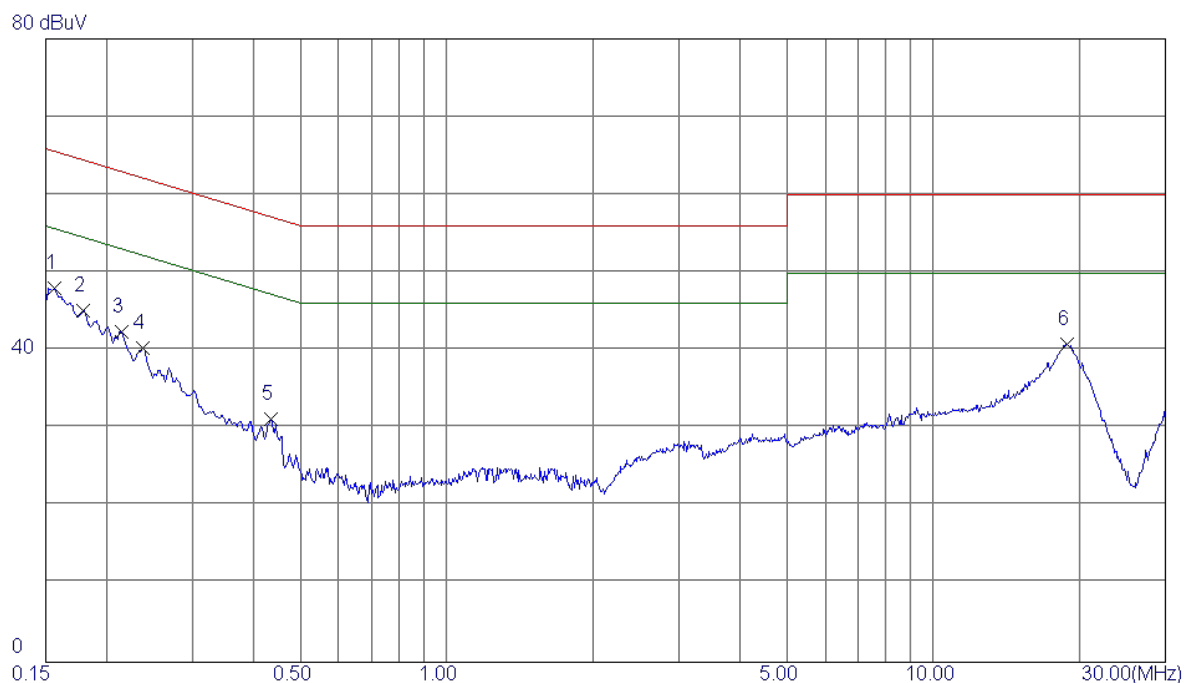
Remark: "N/A" denotes no model name, serial no. or calibration specified.

All calibration period of equipment list is one year.

ATTACHMENT A - CONDUCTED EMISSION

Test Mode: TX MODE

Line

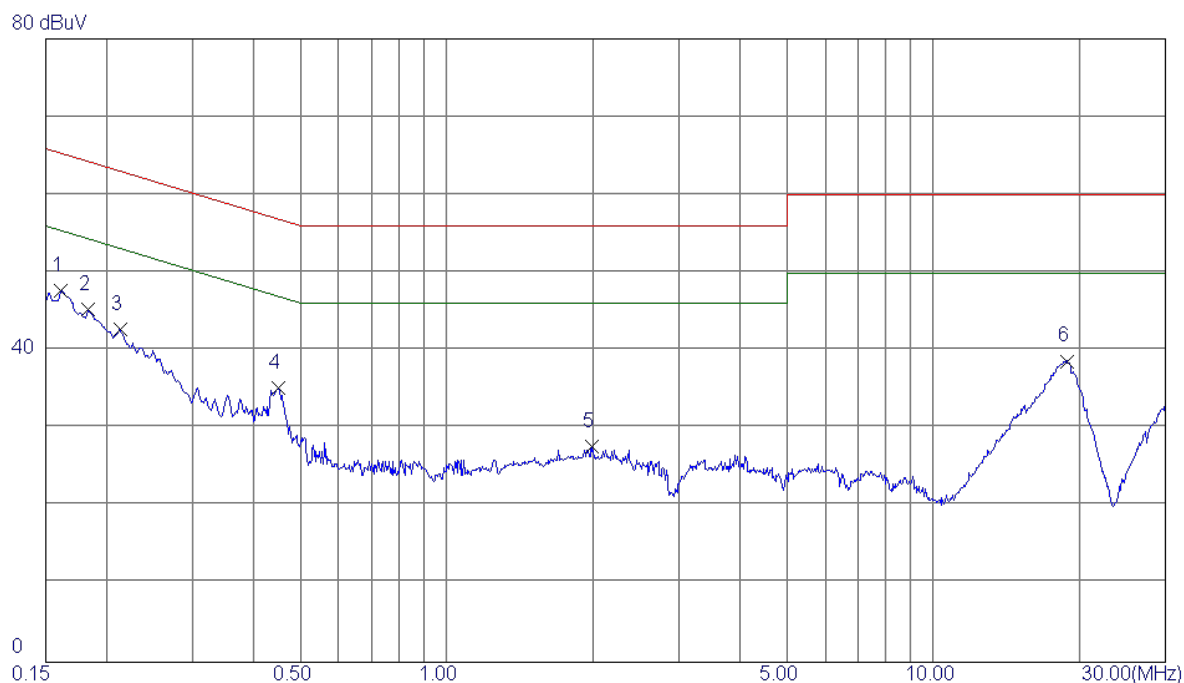


No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	0.1567	38.30	9.68	47.98	65.64	-17.66	Peak	
2	0.1791	35.46	9.70	45.16	64.53	-19.37	Peak	
3	0.2152	32.66	9.72	42.38	63.00	-20.62	Peak	
4	0.2376	30.60	9.73	40.33	62.18	-21.85	Peak	
5	0.4355	21.44	9.81	31.25	57.15	-25.90	Peak	
6	18.8700	30.43	10.36	40.79	60.00	-19.21	Peak	

Note : The test result has included the cable loss.

Test Mode: TX MODE

Neutral



No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	0.1612	38.09	9.60	47.69	65.40	-17.71	Peak	
2	0.1836	35.66	9.61	45.27	64.32	-19.05	Peak	
3	0.2130	33.11	9.61	42.72	63.09	-20.37	Peak	
4	0.4514	25.49	9.64	35.13	56.85	-21.72	Peak	
5	1.9926	17.80	9.93	27.73	56.00	-28.27	Peak	
6	18.8070	28.36	10.28	38.64	60.00	-21.36	Peak	

Note : The test result has included the cable loss.

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

Test Mode:	TX MODE
------------	---------

Frequency (MHz)	Ant 0°/90°	Read level dBuV/m	Factor (dB)	Measured(FS) (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Note
0.0093	0°	13.89	24.98	38.87	128.26	-89.39	AVG
0.0093	0°	14.96	24.98	39.94	148.26	-108.32	PEAK
0.0235	0°	6.72	24.08	30.80	120.18	-89.38	AVG
0.0235	0°	8.54	24.08	32.62	140.18	-107.56	PEAK
0.0327	0°	3.16	23.50	26.66	117.31	-90.66	AVG
0.0327	0°	5.29	23.50	28.79	137.31	-108.53	PEAK
0.0431	0°	1.17	22.84	24.01	114.91	-90.91	AVG
0.0431	0°	2.54	22.84	25.38	134.91	-109.54	PEAK
0.4925	0°	19.87	19.82	39.69	73.76	-34.07	QP
1.7147	0°	22.14	19.53	41.67	69.54	-27.87	QP

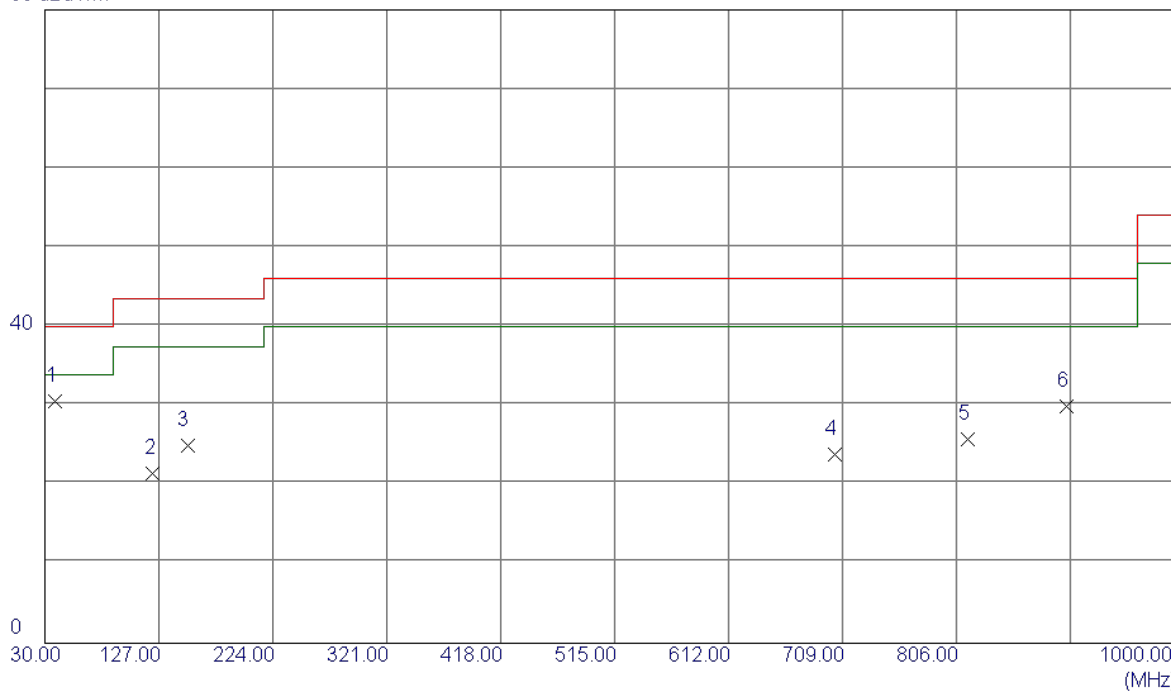
Frequency (MHz)	Ant 0°/90°	Read level dBuV/m	Factor (dB)	Measured(FS) (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Note
0.0093	90°	13.47	24.30	37.77	128.23	-90.46	AVG
0.0093	90°	14.52	24.30	38.82	148.23	-109.41	PEAK
0.0242	90°	6.89	24.03	30.92	119.93	-89.00	AVG
0.0242	90°	8.72	24.03	32.75	139.93	-107.17	PEAK
0.0315	90°	3.56	23.57	27.13	117.64	-90.51	AVG
0.0315	90°	4.81	23.57	28.38	137.64	-109.26	PEAK
0.0438	90°	1.36	22.79	24.15	114.77	-90.62	AVG
0.0438	90°	2.54	22.79	25.33	134.77	-109.44	PEAK
0.4926	90°	19.15	19.82	38.97	73.75	-34.79	QP
1.7165	90°	20.84	19.53	40.37	69.54	-29.17	QP

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

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

Vertical

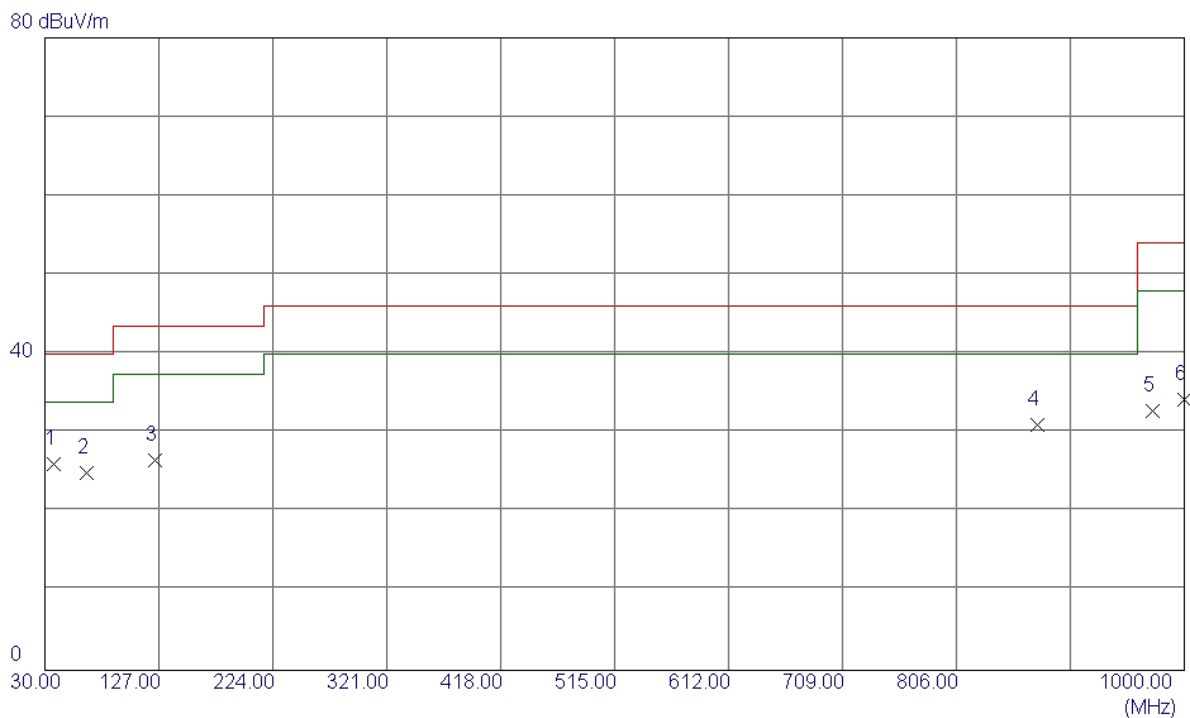
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	38.7300	44.69	-14.09	30.60	40.00	-9.40	Peak	
2	122.1500	35.25	-13.82	21.43	43.50	-22.07	Peak	
3	151.2500	37.91	-12.93	24.98	43.50	-18.52	Peak	
4	702.2100	27.99	-4.21	23.78	46.00	-22.22	Peak	
5	815.7000	28.43	-2.69	25.74	46.00	-20.26	Peak	
6	900.0900	29.43	0.45	29.88	46.00	-16.12	Peak	

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

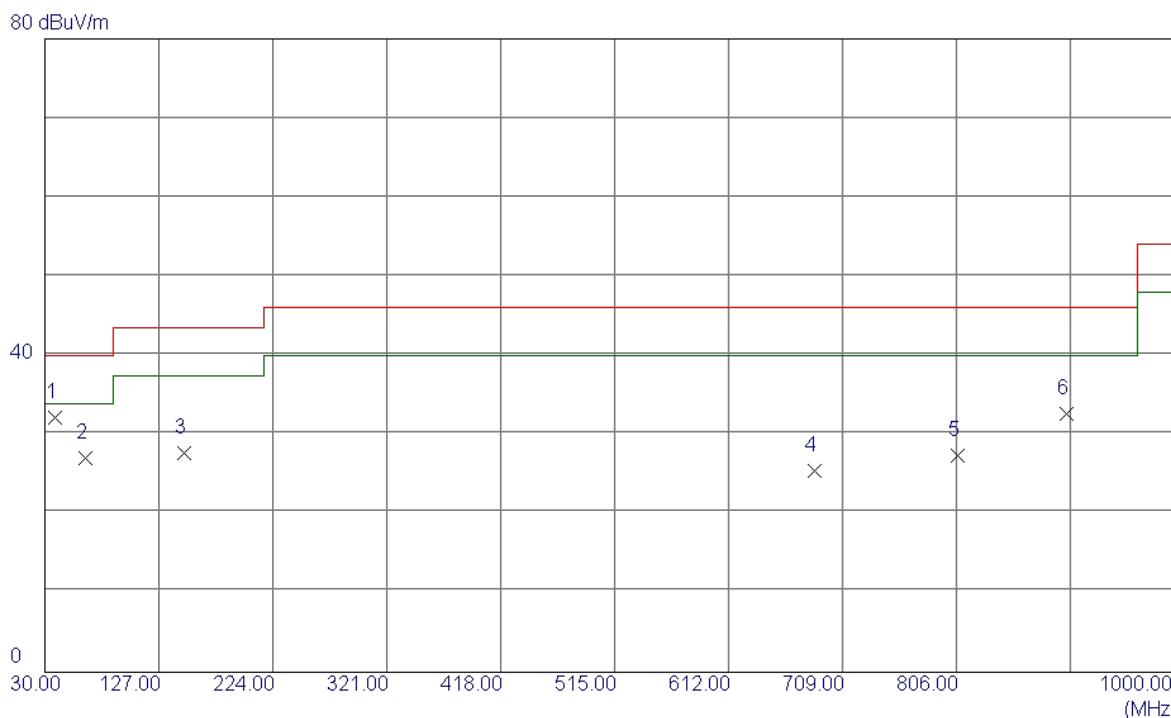
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	37.7599	40.29	-14.17	26.12	40.00	-13.88	Peak	
2	65.8900	40.22	-15.19	25.03	40.00	-14.97	Peak	
3	124.0900	40.13	-13.63	26.50	43.50	-17.00	Peak	
4	874.8700	32.92	-1.81	31.11	46.00	-14.89	Peak	
5	972.8400	33.04	-0.27	32.77	54.00	-21.23	Peak	
6	1000.0000	34.55	-0.36	34.19	54.00	-19.81	Peak	

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

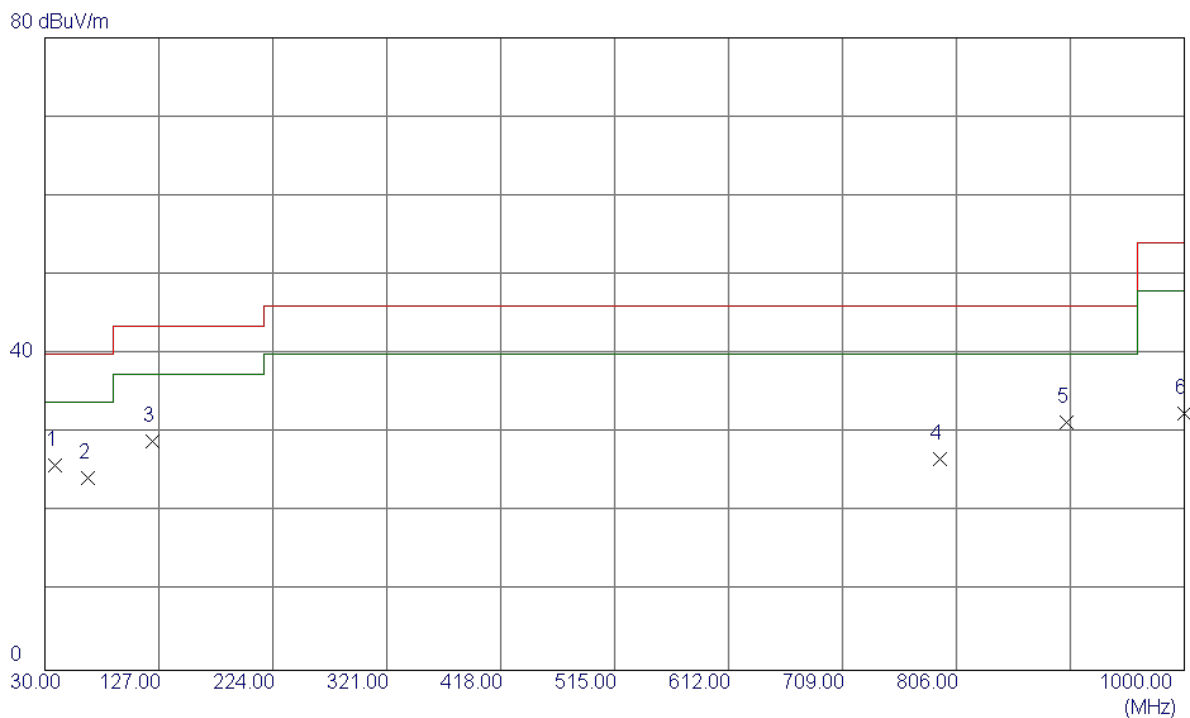
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	38.7300	46.26	-14.09	32.17	40.00	-7.83	Peak	
2	64.9200	42.00	-15.02	26.98	40.00	-13.02	Peak	
3	148.3400	40.87	-13.19	27.68	43.50	-15.82	Peak	
4	685.7199	29.94	-4.46	25.48	46.00	-20.52	Peak	
5	806.9699	29.67	-2.35	27.32	46.00	-18.68	Peak	
6	900.0900	32.22	0.45	32.67	46.00	-13.33	Peak	

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

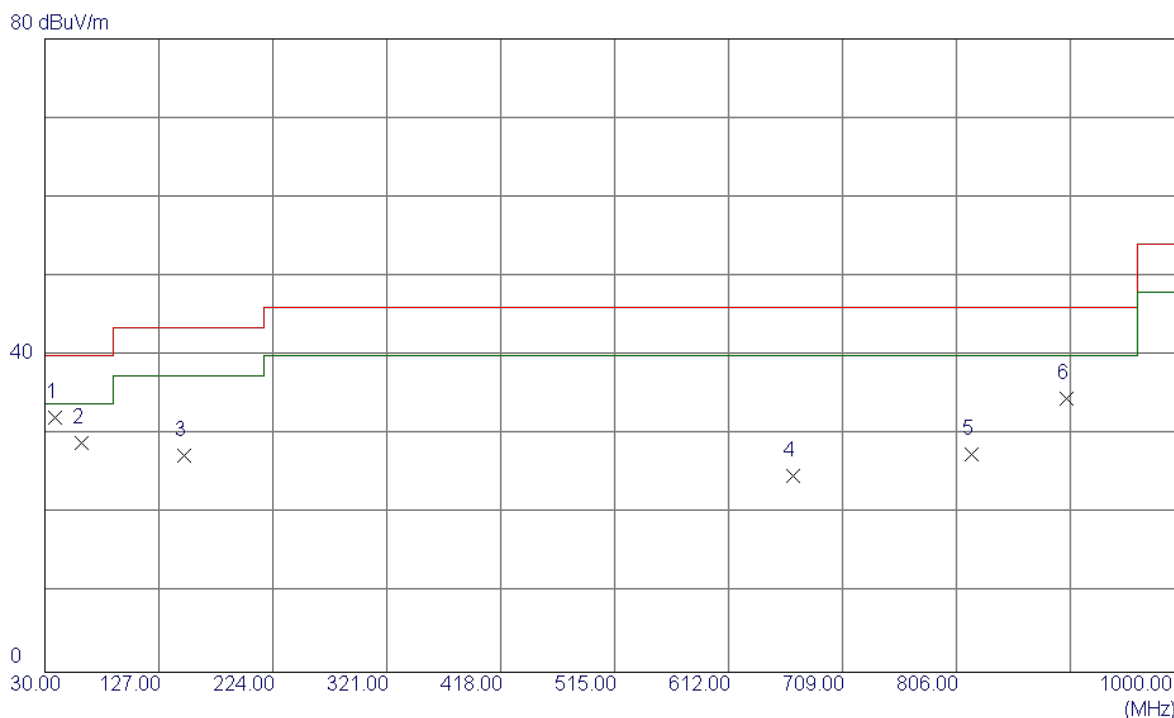
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	38.7300	39.94	-14.09	25.85	40.00	-14.15	Peak	
2	66.8600	39.70	-15.36	24.34	40.00	-15.66	Peak	
3	121.1800	42.90	-13.91	28.99	43.50	-14.51	Peak	
4	791.4500	29.25	-2.50	26.75	46.00	-19.25	Peak	
5	900.0900	30.86	0.45	31.31	46.00	-14.69	Peak	
6	1000.0000	32.86	-0.36	32.50	54.00	-21.50	Peak	

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

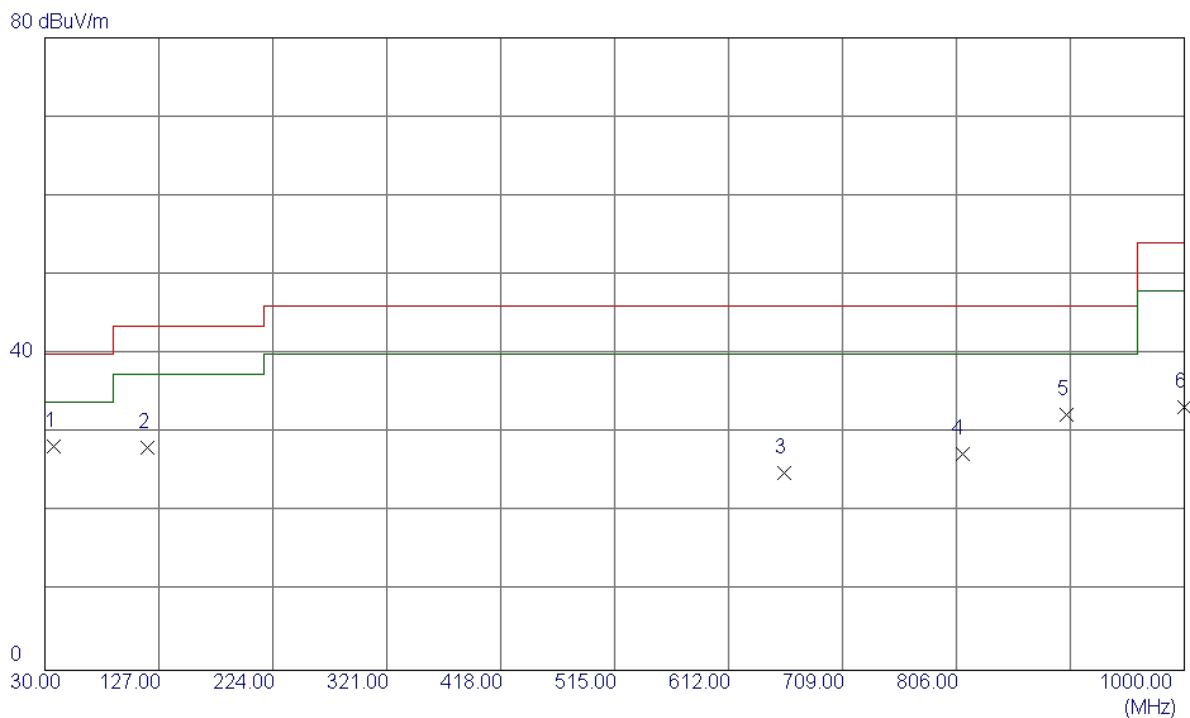
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	38.7300	46.20	-14.09	32.11	40.00	-7.89	Peak	
2	61.0400	43.61	-14.64	28.97	40.00	-11.03	Peak	
3	148.3400	40.57	-13.19	27.38	43.50	-16.12	Peak	
4	667.2900	29.56	-4.79	24.77	46.00	-21.23	Peak	
5	818.6100	30.30	-2.81	27.49	46.00	-18.51	Peak	
6	900.0900	34.06	0.45	34.51	46.00	-11.49	Peak	

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

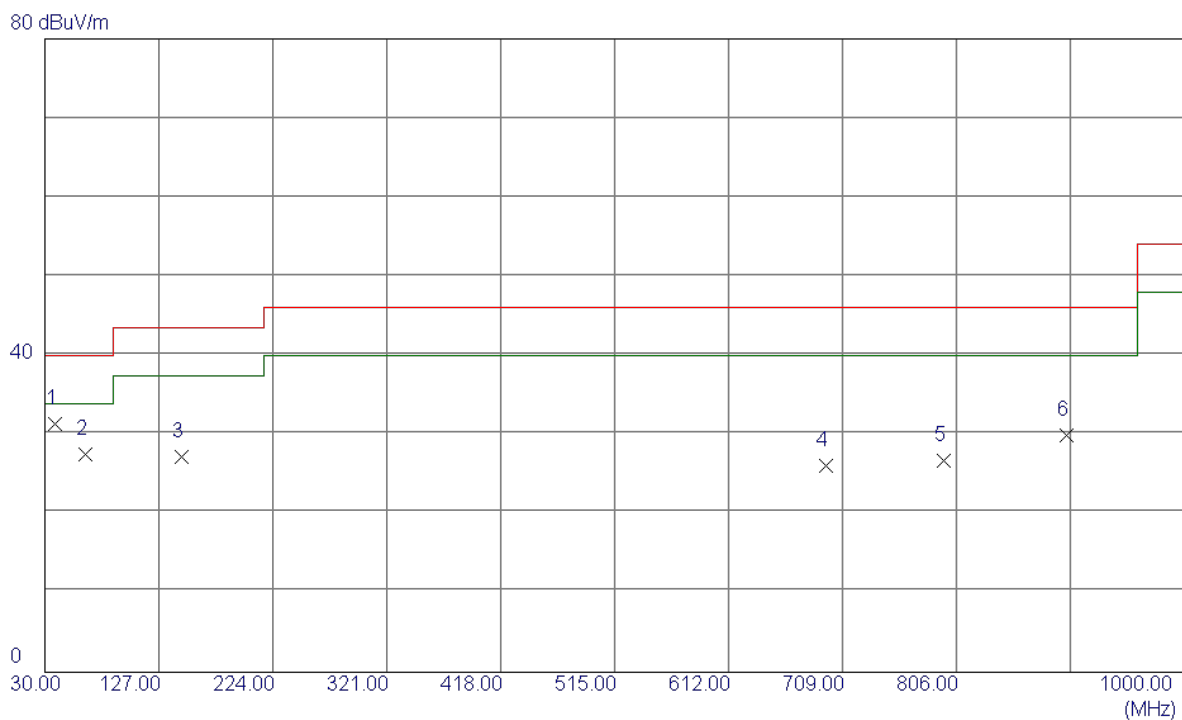
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	37.7599	42.56	-14.17	28.39	40.00	-11.61	Peak	
2	117.3000	42.56	-14.39	28.17	43.50	-15.33	Peak	
3	659.5300	29.93	-4.93	25.00	46.00	-21.00	Peak	
4	810.8500	29.91	-2.50	27.41	46.00	-18.59	Peak	
5	900.0900	31.80	0.45	32.25	46.00	-13.75	Peak	
6	1000.0000	33.71	-0.36	33.35	54.00	-20.65	Peak	

Test Mode: UNII-2A/TX A Mode 5260MHz

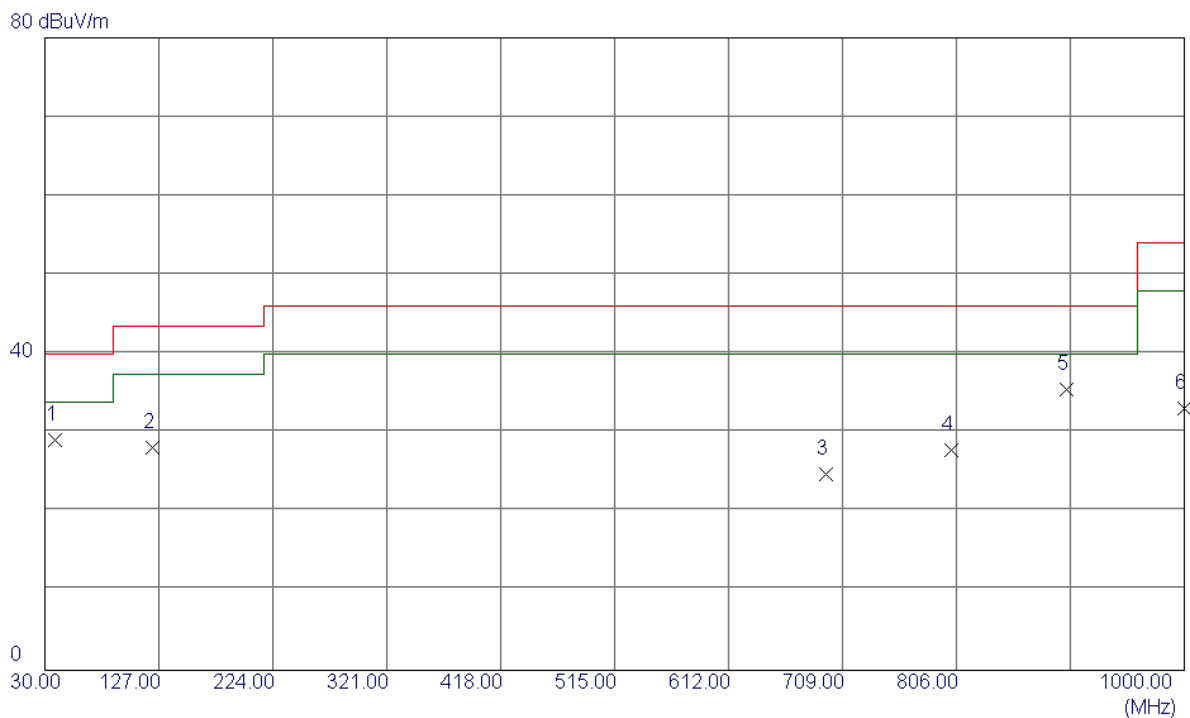
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	38.7300	45.50	-14.09	31.41	40.00	-8.59	Peak	
2	64.9200	42.51	-15.02	27.49	40.00	-12.51	Peak	
3	146.4000	40.55	-13.39	27.16	43.50	-16.34	Peak	
4	695.4200	30.35	-4.28	26.07	46.00	-19.93	Peak	
5	795.3300	28.97	-2.31	26.66	46.00	-19.34	Peak	
6	900.0900	29.44	0.45	29.89	46.00	-16.11	Peak	

Test Mode: UNII-2A/TX A Mode 5260MHz

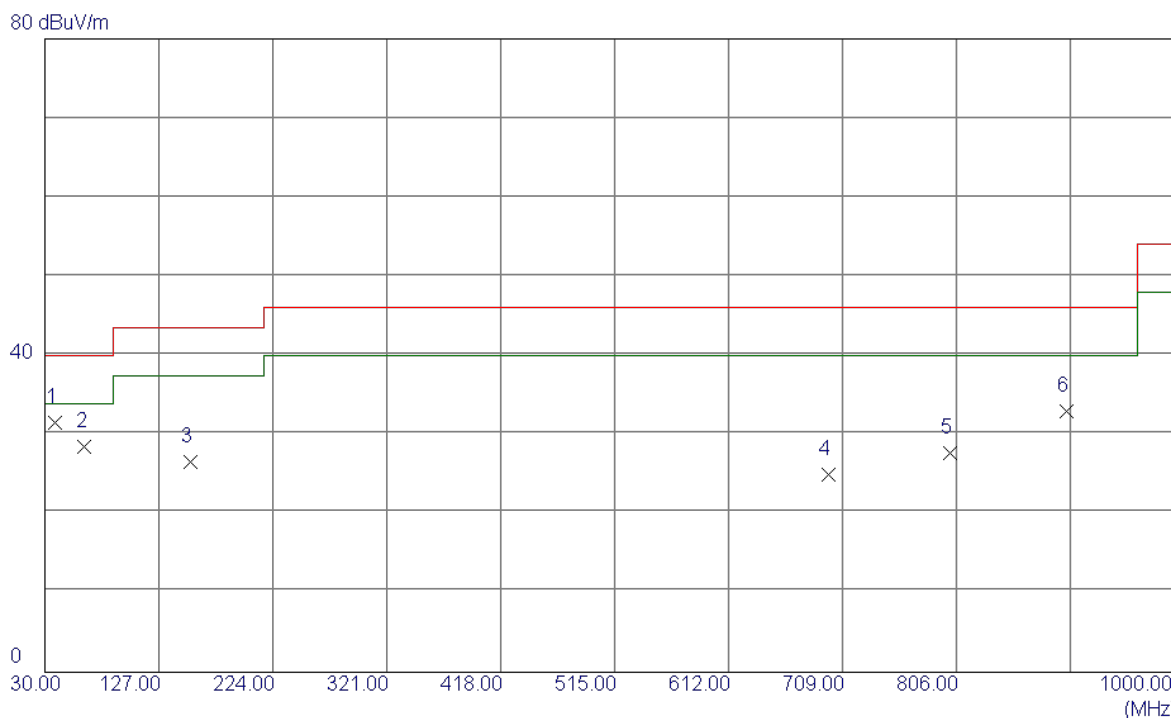
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	38.7300	43.26	-14.09	29.17	40.00	-10.83	Peak	
2	121.1800	42.06	-13.91	28.15	43.50	-15.35	Peak	
3	695.4200	29.08	-4.28	24.80	46.00	-21.20	Peak	
4	802.1200	29.99	-2.15	27.84	46.00	-18.16	Peak	
5	900.0900	35.01	0.45	35.46	46.00	-10.54	Peak	
6	1000.0000	33.49	-0.36	33.13	54.00	-20.87	Peak	

Test Mode: UNII-2A/TX A Mode 5300MHz

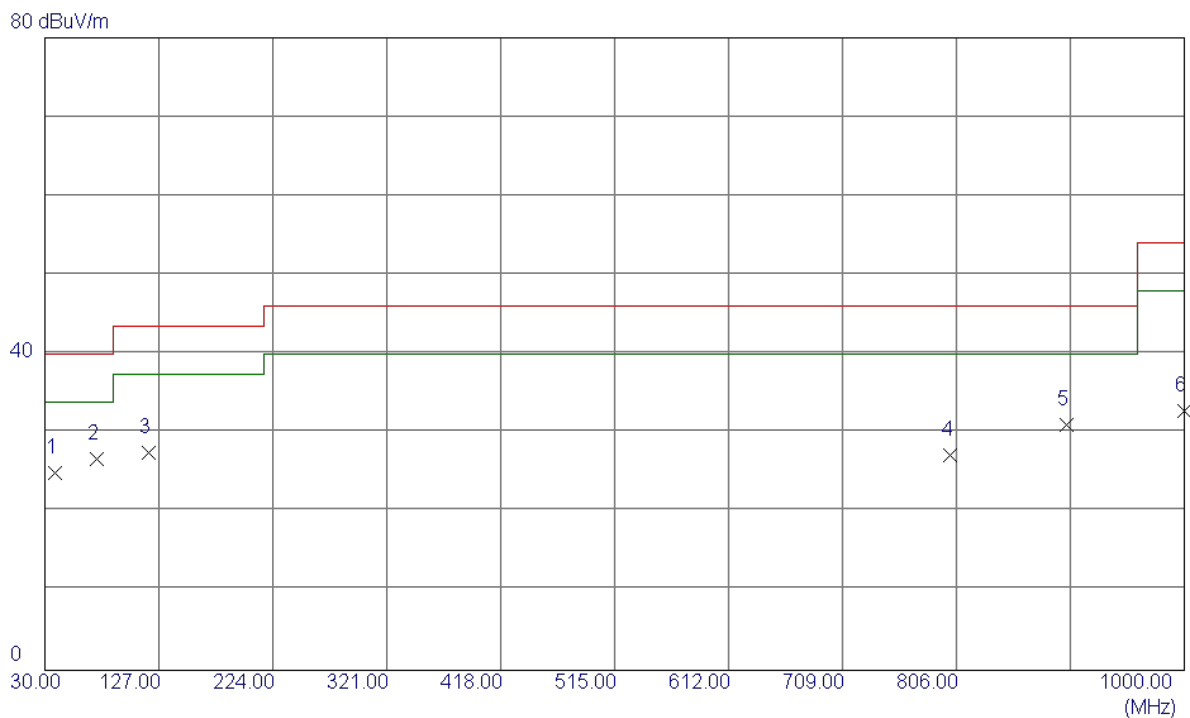
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	38.7300	45.60	-14.09	31.51	40.00	-8.49	Peak	
2	63.9500	43.35	-14.92	28.43	40.00	-11.57	Peak	
3	154.1600	39.33	-12.76	26.57	43.50	-16.93	Peak	
4	697.3600	29.15	-4.24	24.91	46.00	-21.09	Peak	
5	800.1800	29.69	-2.08	27.61	46.00	-18.39	Peak	
6	900.0900	32.55	0.45	33.00	46.00	-13.00	Peak	

Test Mode: UNII-2A/TX A Mode 5300MHz

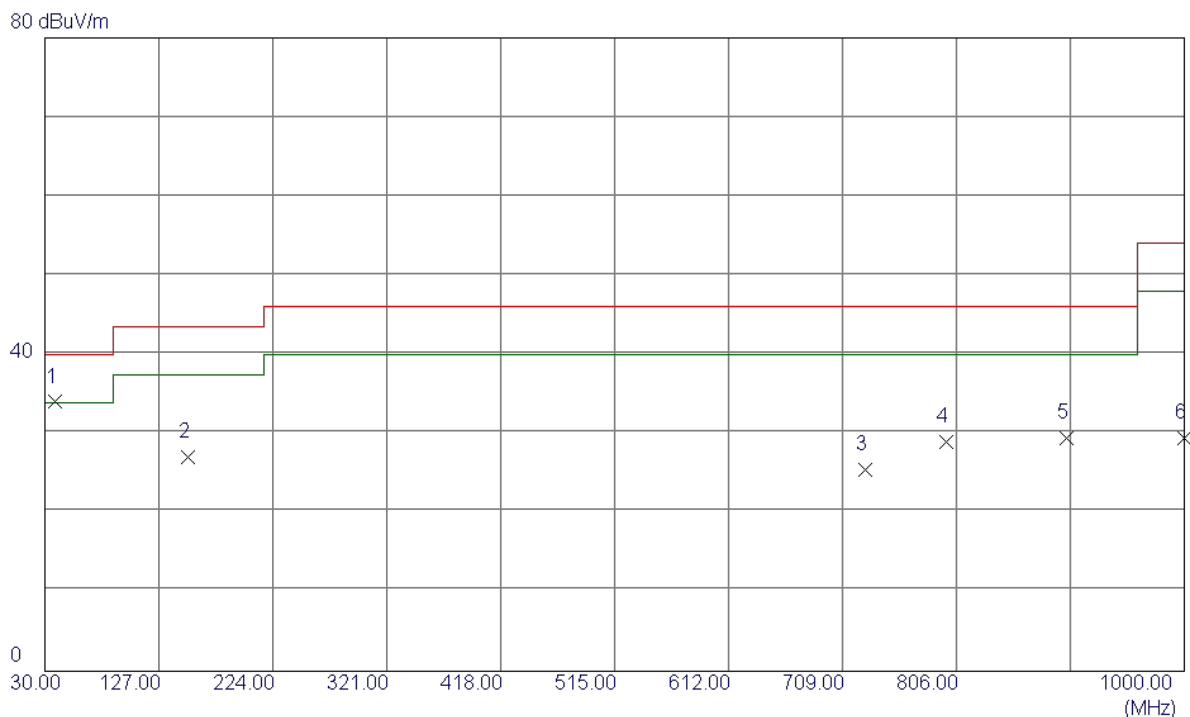
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	38.7300	39.07	-14.09	24.98	40.00	-15.02	Peak	
2	74.6200	42.90	-16.23	26.67	40.00	-13.33	Peak	
3	118.2700	41.73	-14.26	27.47	43.50	-16.03	Peak	
4	801.1500	29.35	-2.12	27.23	46.00	-18.77	Peak	
5	900.0900	30.60	0.45	31.05	46.00	-14.95	Peak	
6	1000.0000	33.18	-0.36	32.82	54.00	-21.18	Peak	

Test Mode: UNII-2A/TX A Mode 5320MHz

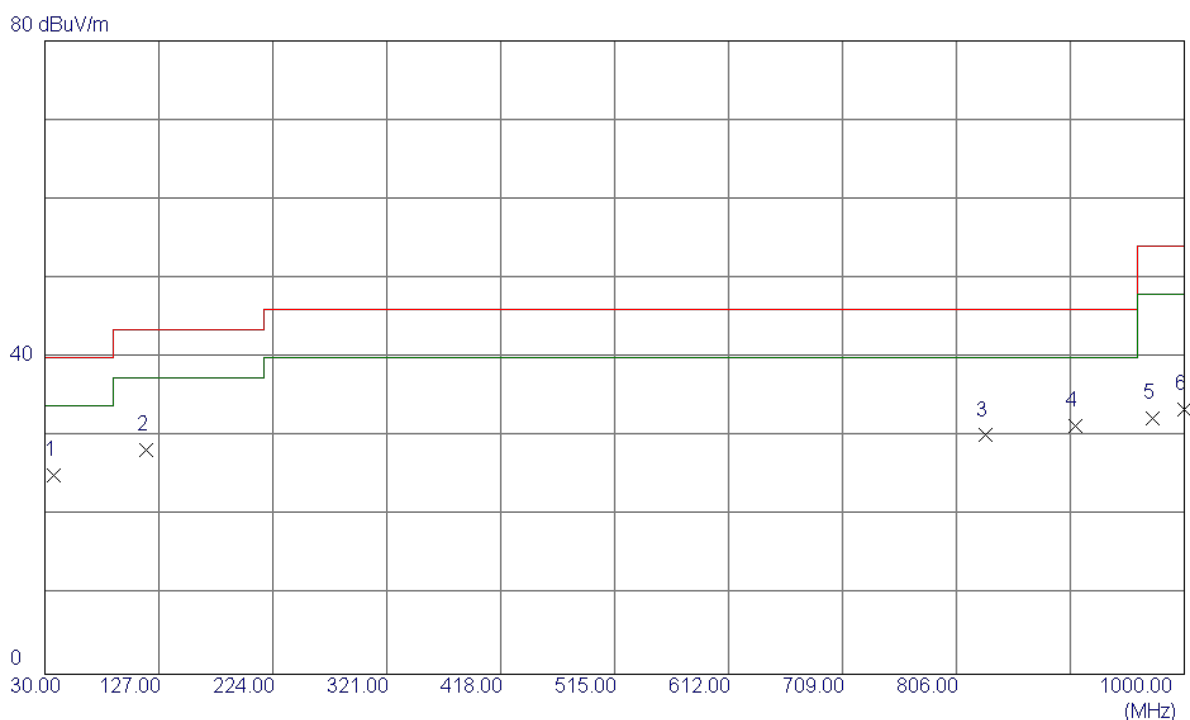
Vertical



No.	Freq.	Reading	Correct	Measure	Limit	Over		
	MHz	dBuV/m	Factor	ment	dBuV/m	dB	Detector	Comment
1	38.7300	48.09	-14.09	34.00	40.00	-6.00	Peak	
2	152.2200	39.99	-12.88	27.11	43.50	-16.39	Peak	
3	728.4000	29.85	-4.43	25.42	46.00	-20.58	Peak	
4	797.2700	31.13	-2.21	28.92	46.00	-17.08	Peak	
5	900.0900	28.99	0.45	29.44	46.00	-16.56	Peak	
6	1000.0000	29.80	-0.36	29.44	54.00	-24.56	Peak	

Test Mode: UNII-2A/TX A Mode 5320MHz

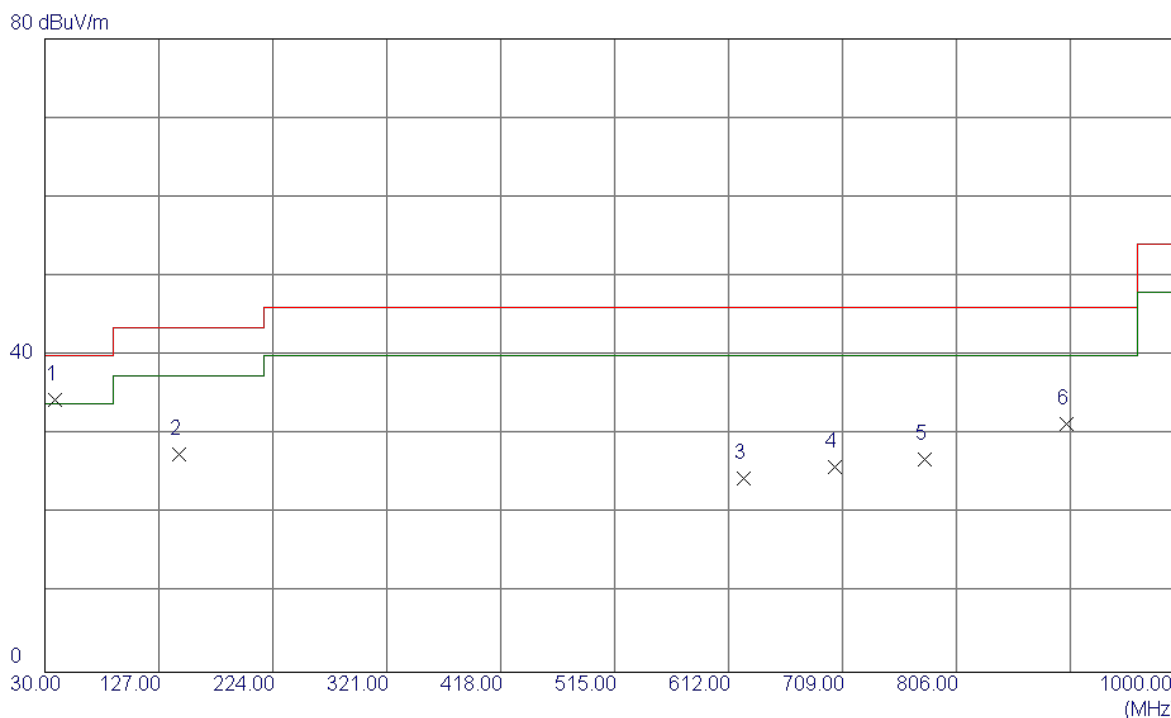
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	37.7599	39.24	-14.17	25.07	40.00	-14.93	Peak	
2	116.3300	42.80	-14.52	28.28	43.50	-15.22	Peak	
3	831.2199	33.46	-3.30	30.16	46.00	-15.84	Peak	
4	906.8800	31.06	0.37	31.43	46.00	-14.57	Peak	
5	972.8400	32.54	-0.27	32.27	54.00	-21.73	Peak	
6	1000.0000	33.76	-0.36	33.40	54.00	-20.60	Peak	

Test Mode: UNII-2C/TX A Mode 5500MHz

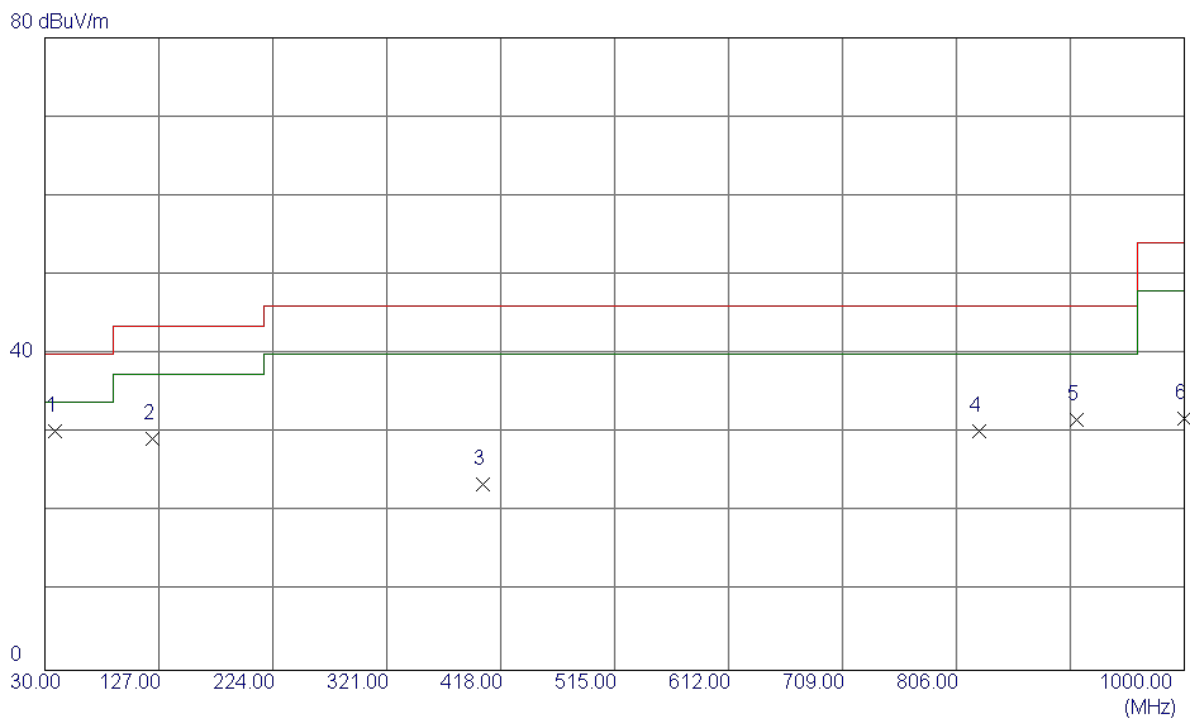
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	38.7300	48.53	-14.09	34.44	40.00	-5.56	Peak	
2	144.4600	41.12	-13.60	27.52	43.50	-15.98	Peak	
3	624.6100	30.92	-6.51	24.41	46.00	-21.59	Peak	
4	702.2100	30.11	-4.21	25.90	46.00	-20.10	Peak	
5	778.8400	30.05	-3.14	26.91	46.00	-19.09	Peak	
6	900.0900	30.96	0.45	31.41	46.00	-14.59	Peak	

Test Mode: UNII-2C/TX A Mode 5500MHz

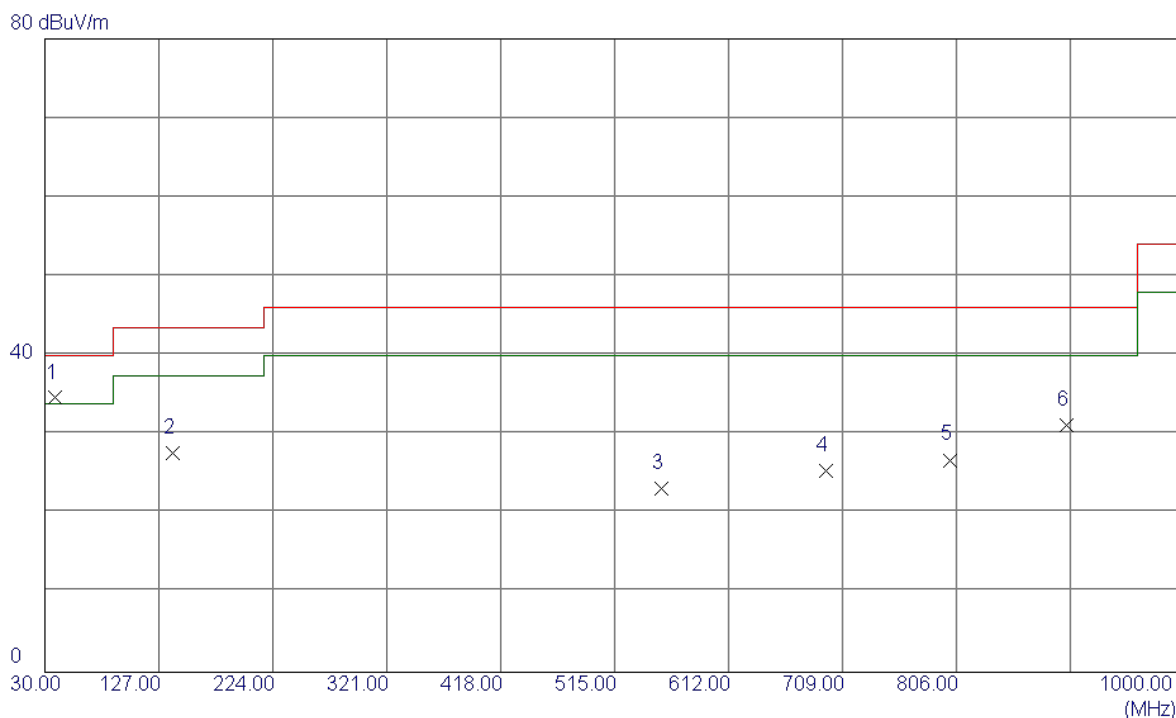
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	38.7300	44.32	-14.09	30.23	40.00	-9.77	Peak	
2	121.1800	43.22	-13.91	29.31	43.50	-14.19	Peak	
3	402.4800	32.78	-9.26	23.52	46.00	-22.48	Peak	
4	825.4000	33.31	-3.07	30.24	46.00	-15.76	Peak	
5	908.8200	31.35	0.34	31.69	46.00	-14.31	Peak	
6	1000.0000	32.26	-0.36	31.90	54.00	-22.10	Peak	

Test Mode: UNII-2C/TX A Mode 5580MHz

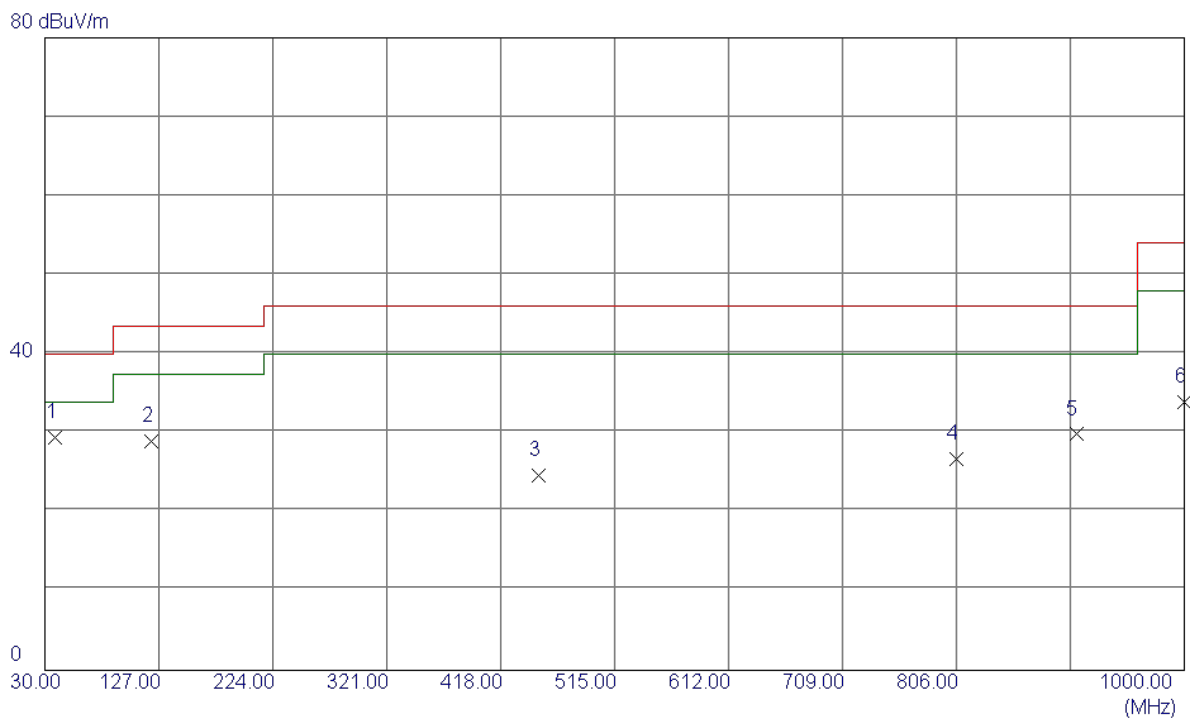
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	38.7300	48.73	-14.09	34.64	40.00	-5.36	Peak	
2	138.6400	41.63	-13.95	27.68	43.50	-15.82	Peak	
3	554.7700	28.59	-5.40	23.19	46.00	-22.81	Peak	
4	694.4500	29.72	-4.30	25.42	46.00	-20.58	Peak	
5	800.1800	28.88	-2.08	26.80	46.00	-19.20	Peak	
6	900.0900	30.80	0.45	31.25	46.00	-14.75	Peak	

Test Mode: UNII-2C/TX A Mode 5580MHz

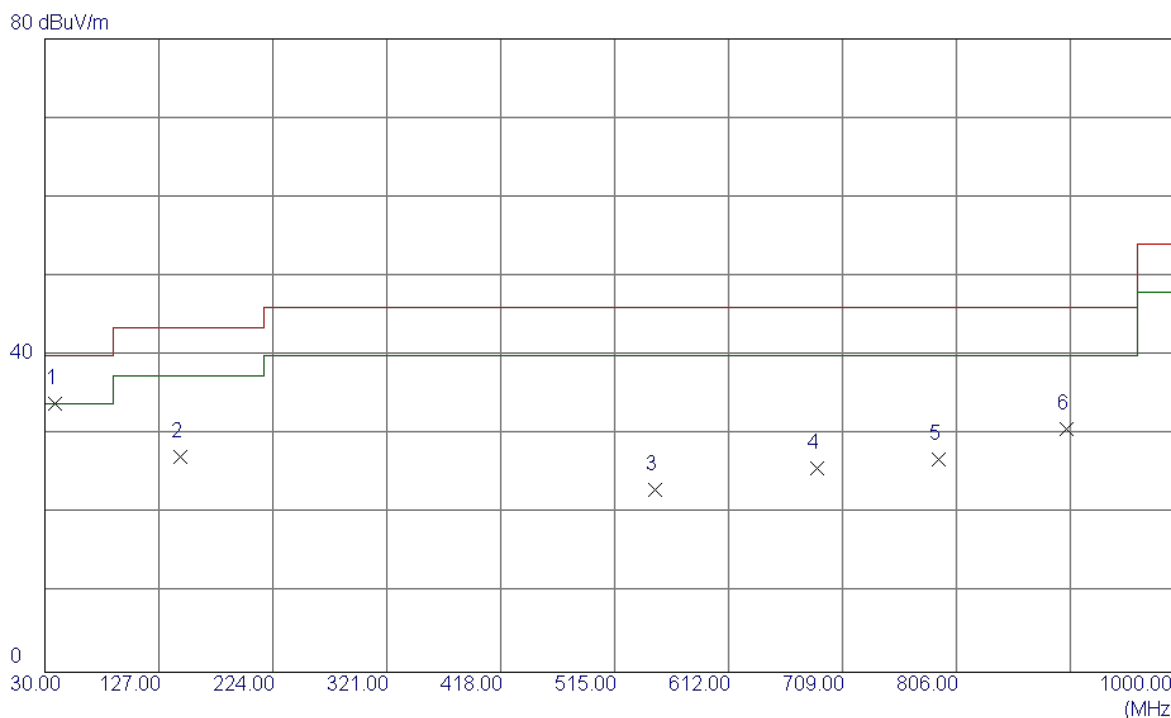
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	38.7300	43.58	-14.09	29.49	40.00	-10.51	Peak	
2	120.2100	42.93	-14.00	28.93	43.50	-14.57	Peak	
3	450.0100	32.63	-8.05	24.58	46.00	-21.42	Peak	
4	806.0000	29.07	-2.31	26.76	46.00	-19.24	Peak	
5	907.8500	29.49	0.35	29.84	46.00	-16.16	Peak	
6	1000.0000	34.30	-0.36	33.94	54.00	-20.06	Peak	

Test Mode: UNII-2C/TX A Mode 5700MHz

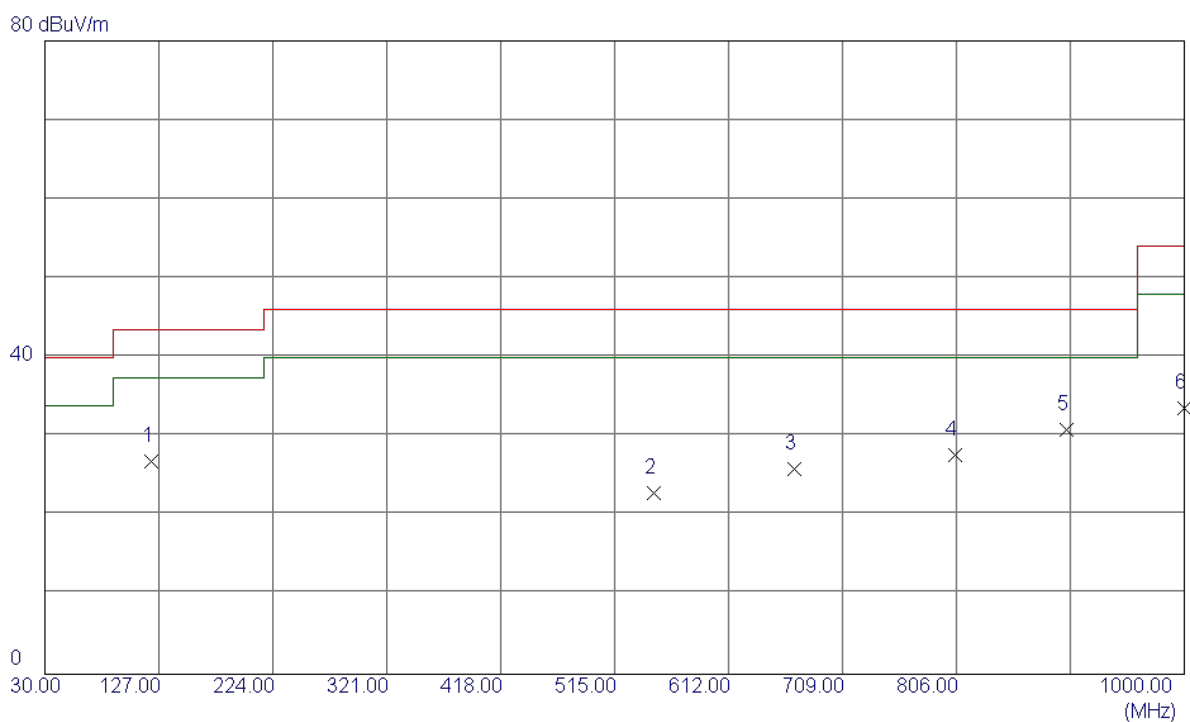
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	38.7300	47.97	-14.09	33.88	40.00	-6.12	Peak	
2	145.4299	40.66	-13.50	27.16	43.50	-16.34	Peak	
3	549.9200	28.22	-5.15	23.07	46.00	-22.93	Peak	
4	687.6599	30.24	-4.42	25.82	46.00	-20.18	Peak	
5	790.4800	29.50	-2.55	26.95	46.00	-19.05	Peak	
6	900.0900	30.27	0.45	30.72	46.00	-15.28	Peak	

Test Mode: UNII-2C/TX A Mode 5700MHz

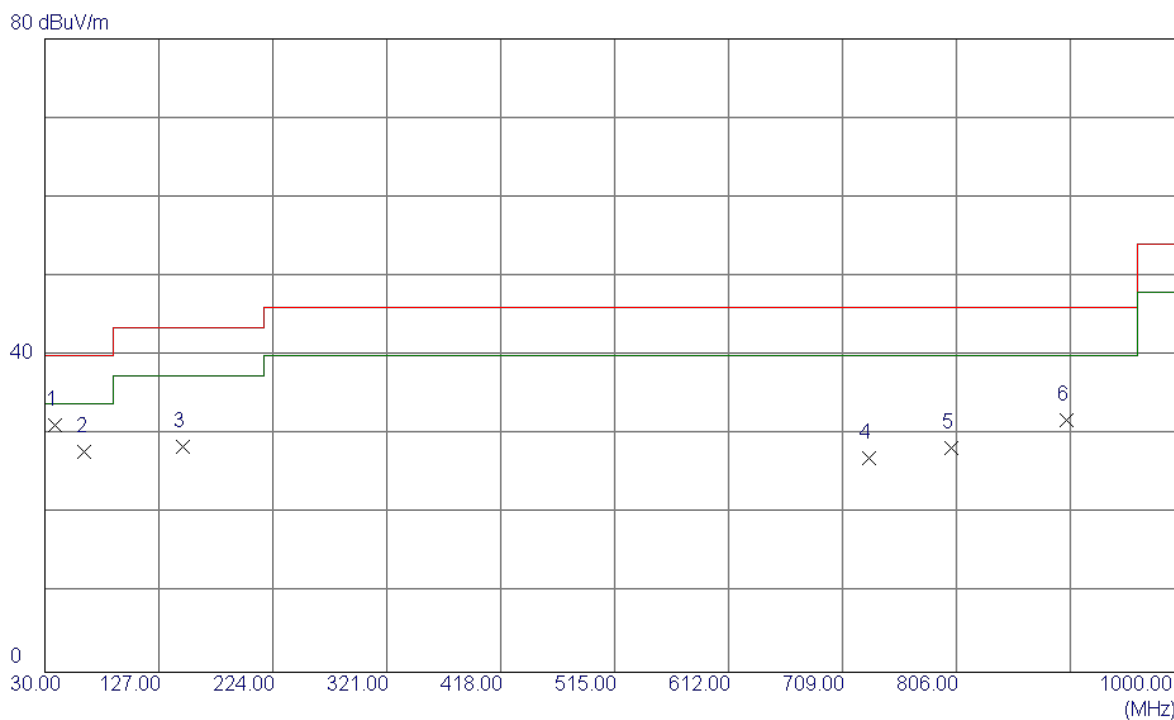
Horizontal



No.	Freq.	Reading	Correct	Measure	Limit	Over		
	MHz	Level	Factor	ment			Detector	Comment
		dBuV/m	dB	dBuV/m	dBuV/m	dB		
1	120.2100	40.87	-14.00	26.87	43.50	-16.63	Peak	
2	547.9800	28.22	-5.34	22.88	46.00	-23.12	Peak	
3	668.2600	30.71	-4.77	25.94	46.00	-20.06	Peak	
4	805.0300	30.02	-2.27	27.75	46.00	-18.25	Peak	
5	900.0900	30.49	0.45	30.94	46.00	-15.06	Peak	
6	1000.0000	34.03	-0.36	33.67	54.00	-20.33	Peak	

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

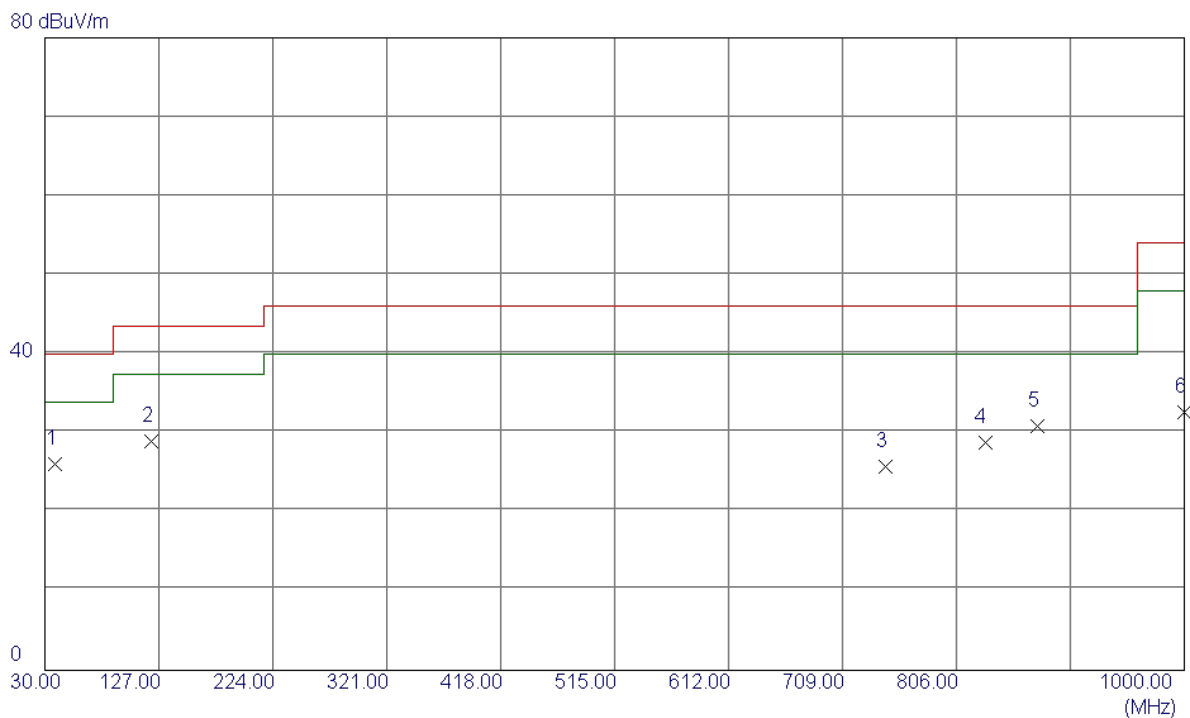
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	38.7300	45.36	-14.09	31.27	40.00	-8.73	Peak	
2	63.9500	42.76	-14.92	27.84	40.00	-12.16	Peak	
3	147.3700	41.78	-13.29	28.49	43.50	-15.01	Peak	
4	731.3100	31.48	-4.45	27.03	46.00	-18.97	Peak	
5	802.1200	30.49	-2.15	28.34	46.00	-17.66	Peak	
6	900.0900	31.34	0.45	31.79	46.00	-14.21	Peak	

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

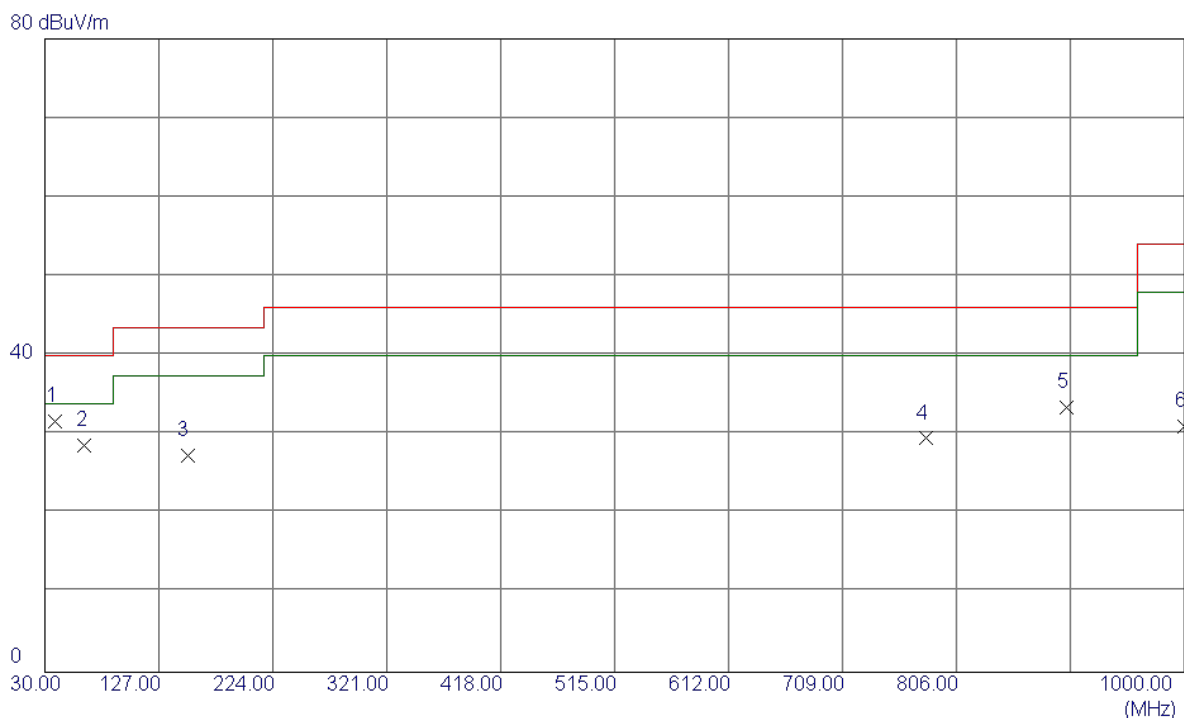
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	38.7300	40.21	-14.09	26.12	40.00	-13.88	Peak	
2	120.2100	43.00	-14.00	29.00	43.50	-14.50	Peak	
3	745.8600	30.30	-4.57	25.73	46.00	-20.27	Peak	
4	830.2500	32.03	-3.27	28.76	46.00	-17.24	Peak	
5	874.8700	32.69	-1.81	30.88	46.00	-15.12	Peak	
6	1000.0000	32.97	-0.36	32.61	54.00	-21.39	Peak	

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

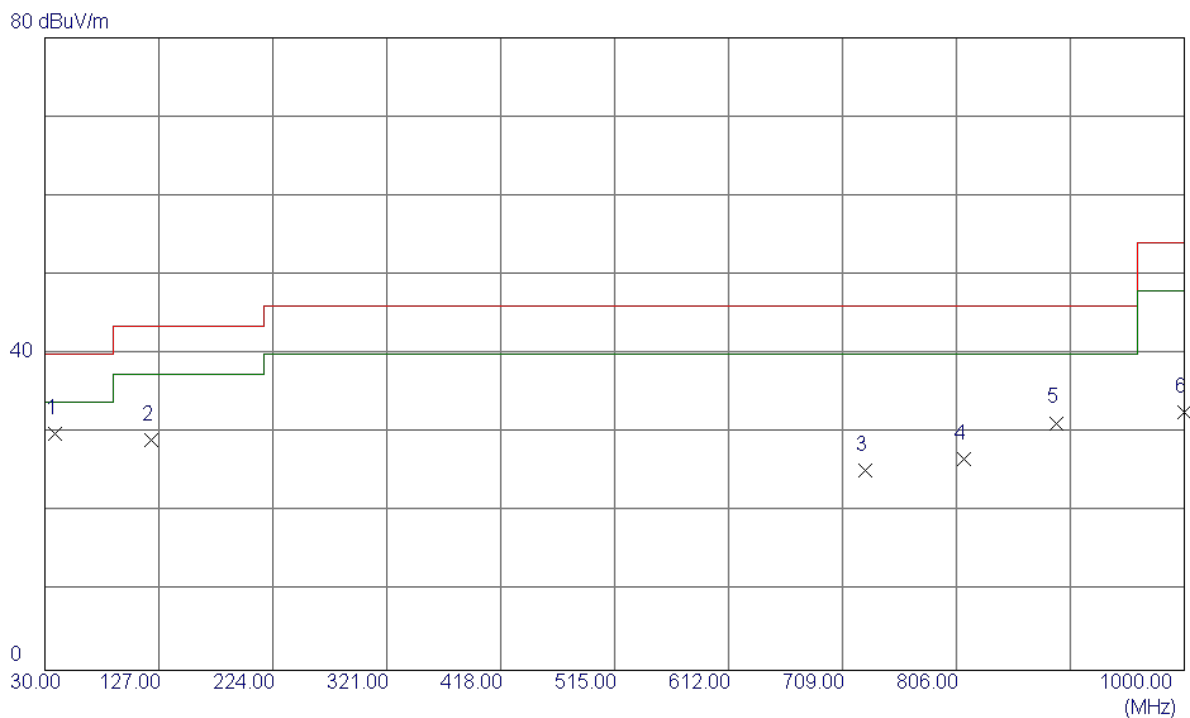
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	38.7300	45.84	-14.09	31.75	40.00	-8.25	Peak	
2	63.9500	43.61	-14.92	28.69	40.00	-11.31	Peak	
3	151.2500	40.29	-12.93	27.36	43.50	-16.14	Peak	
4	779.8100	32.61	-3.09	29.52	46.00	-16.48	Peak	
5	900.0900	32.95	0.45	33.40	46.00	-12.60	Peak	
6	1000.0000	31.42	-0.36	31.06	54.00	-22.94	Peak	

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

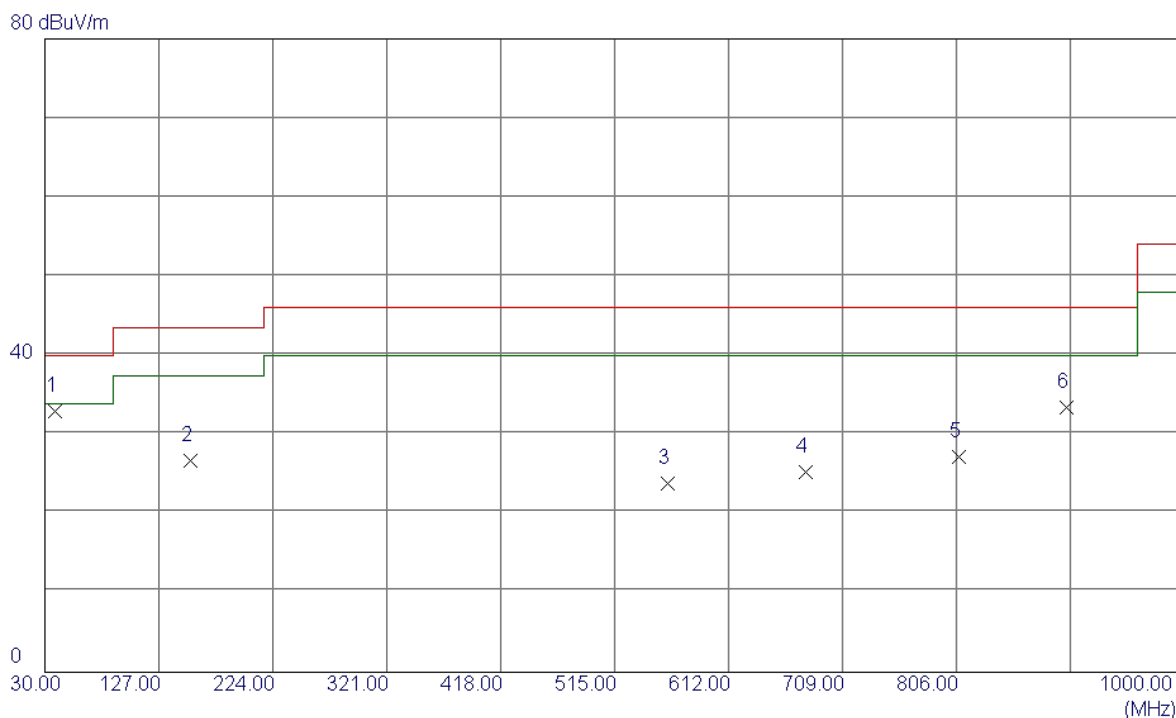
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	38.7300	44.00	-14.09	29.91	40.00	-10.09	Peak	
2	120.2100	43.06	-14.00	29.06	43.50	-14.44	Peak	
3	728.4000	29.74	-4.43	25.31	46.00	-20.69	Peak	
4	812.7900	29.35	-2.58	26.77	46.00	-19.23	Peak	
5	891.3600	31.60	-0.32	31.28	46.00	-14.72	Peak	
6	1000.0000	33.02	-0.36	32.66	54.00	-21.34	Peak	

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

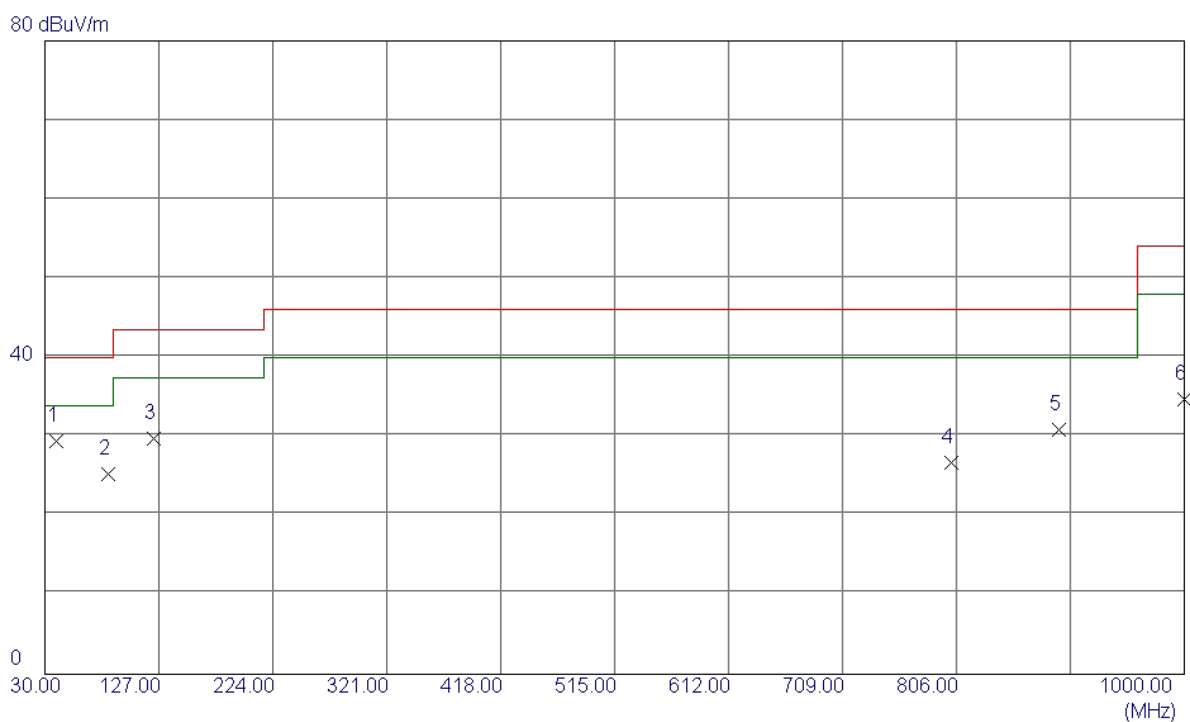
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	38.7300	47.04	-14.09	32.95	40.00	-7.05	Peak	
2	154.1600	39.49	-12.76	26.73	43.50	-16.77	Peak	
3	560.5900	29.58	-5.72	23.86	46.00	-22.14	Peak	
4	677.9600	29.95	-4.60	25.35	46.00	-20.65	Peak	
5	807.9400	29.65	-2.38	27.27	46.00	-18.73	Peak	
6	900.0900	32.95	0.45	33.40	46.00	-12.60	Peak	

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

Horizontal

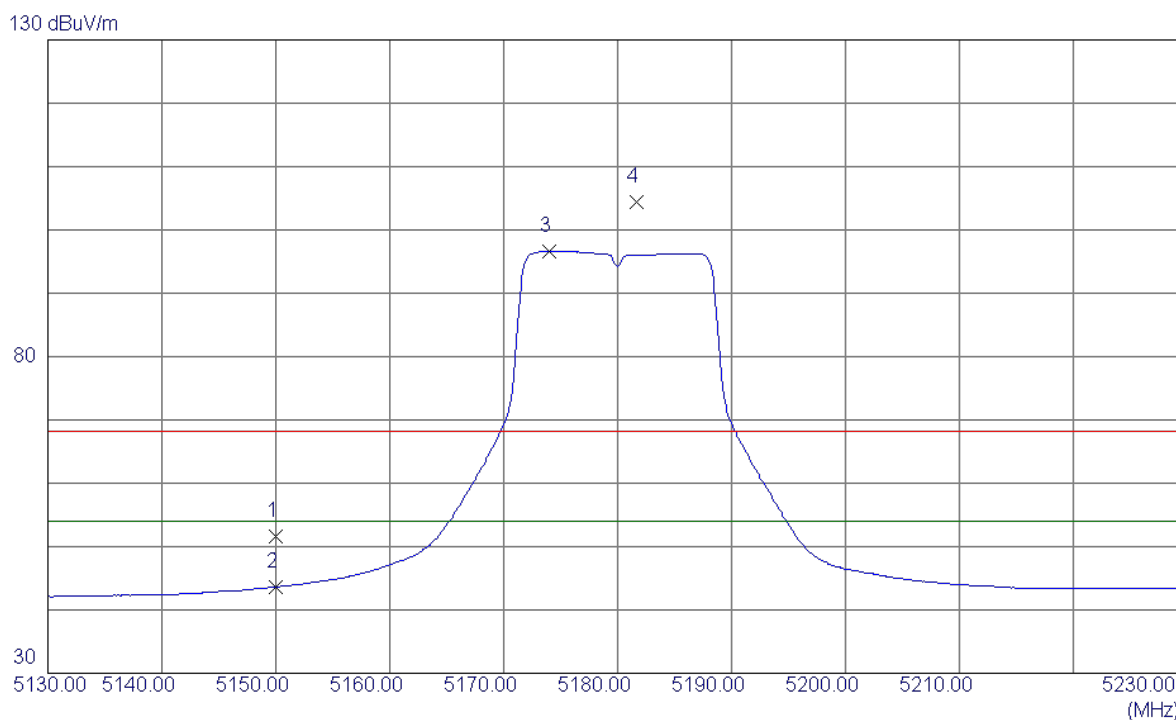


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	39.7000	43.39	-13.99	29.40	40.00	-10.60	Peak	
2	84.3200	41.97	-16.76	25.21	40.00	-14.79	Peak	
3	123.1200	43.43	-13.73	29.70	43.50	-13.80	Peak	
4	802.1200	28.83	-2.15	26.68	46.00	-19.32	Peak	
5	893.3000	31.05	-0.15	30.90	46.00	-15.10	Peak	
6	1000.0000	35.11	-0.36	34.75	54.00	-19.25	Peak	

ATTACHMENT D - RADIATED EMISSION (ABOVE 1000MHZ)

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

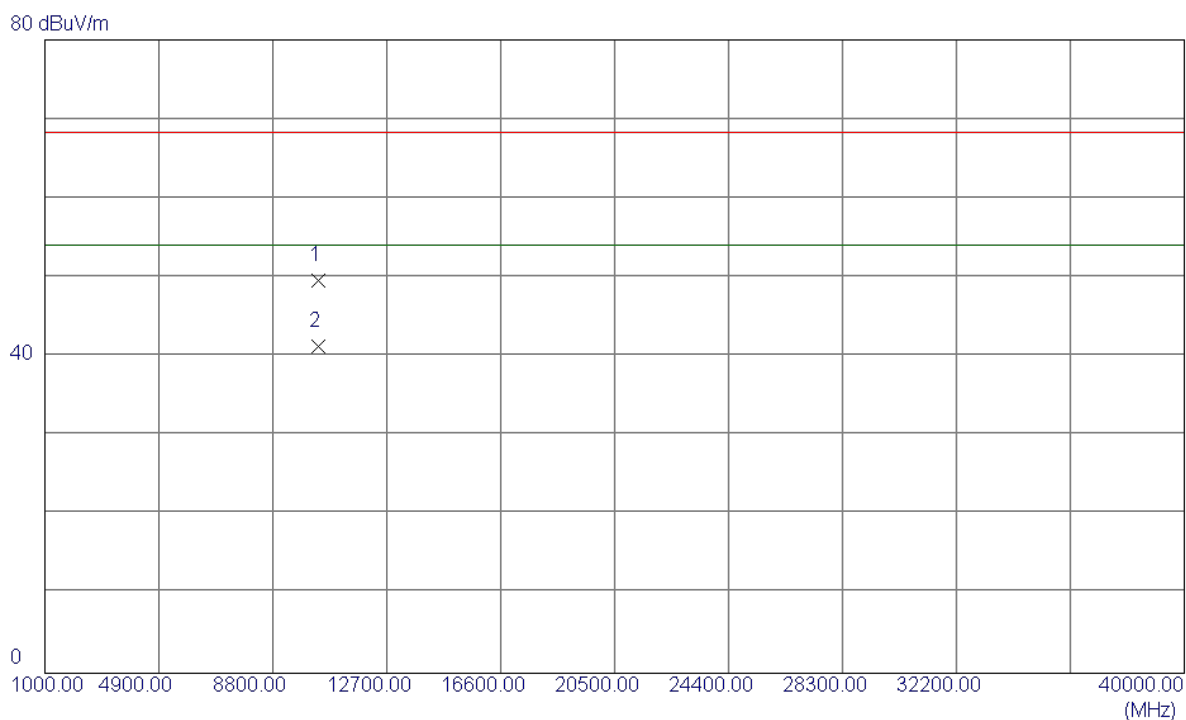
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5150.0000	10.16	41.40	51.56	68.30	-16.74	Peak	
2	5150.0000	2.24	41.40	43.64	54.00	-10.36	AVG	
3	5174.0000	55.15	41.48	96.63	54.00	42.63	AVG	No Limit
4	5181.7000	62.87	41.51	104.38	68.30	36.08	Peak	No Limit

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

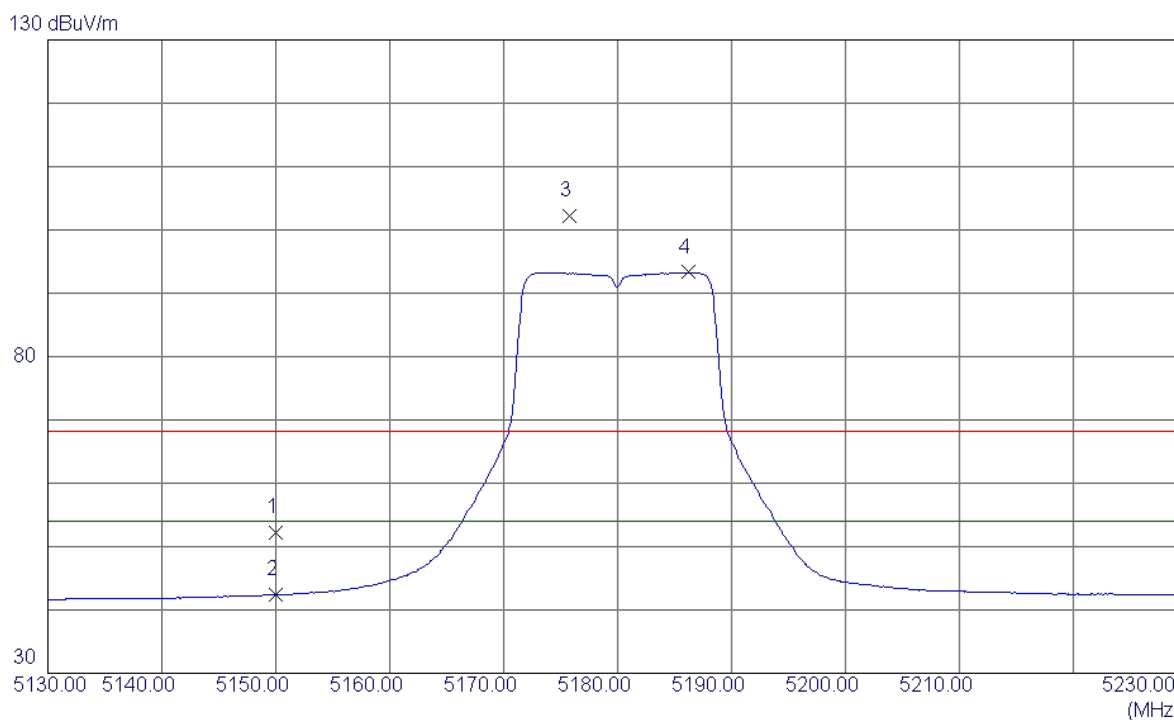
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10359.8300	38.46	11.11	49.57	68.30	-18.73	Peak	
2	10359.8300	30.11	11.11	41.22	54.00	-12.78	AVG	

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

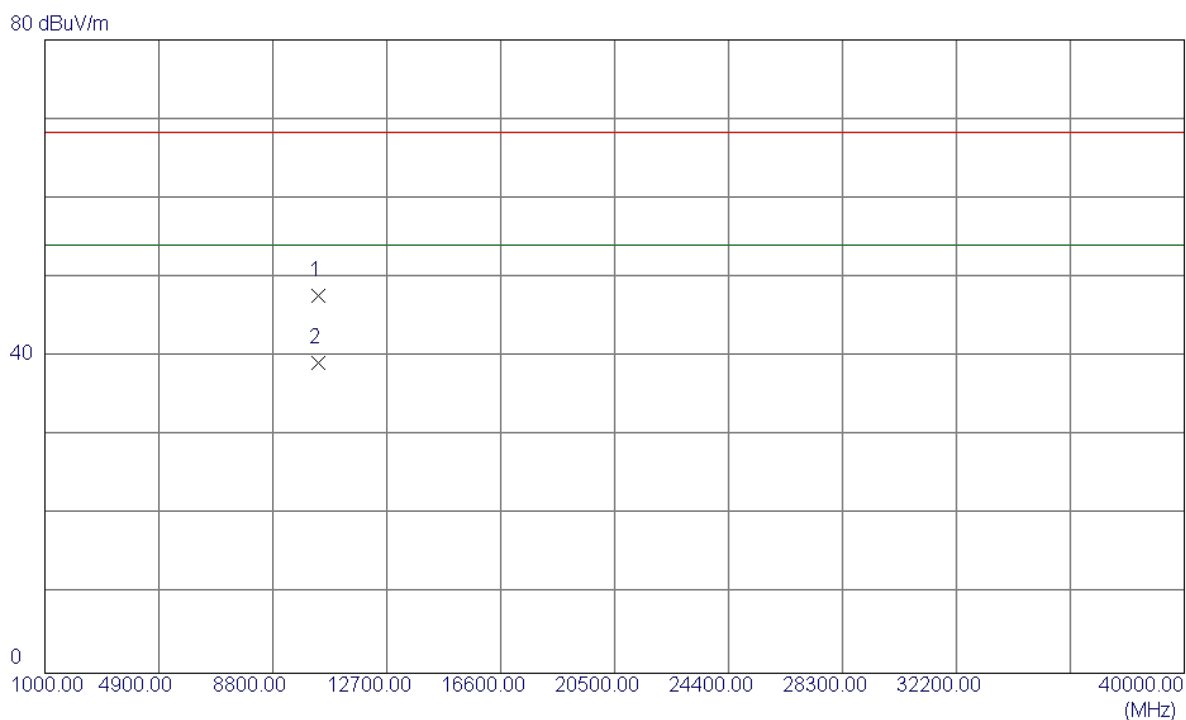
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5150.0000	10.79	41.40	52.19	68.30	-16.11	Peak	
2	5150.0000	0.96	41.40	42.36	54.00	-11.64	AVG	
3	5175.8000	60.62	41.49	102.11	68.30	33.81	Peak	No Limit
4	5186.2000	51.78	41.52	93.30	54.00	39.30	AVG	No Limit

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

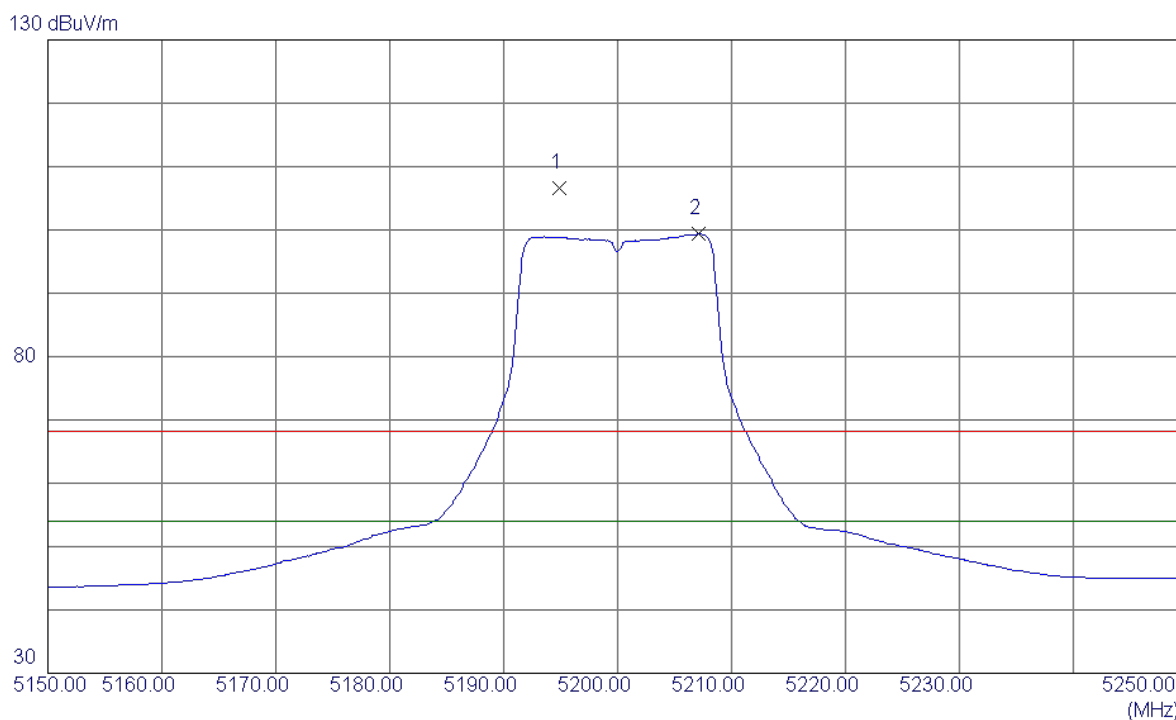
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10360.2699	36.57	11.11	47.68	68.30	-20.62	Peak	
2	10360.2699	28.12	11.11	39.23	54.00	-14.77	AVG	

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

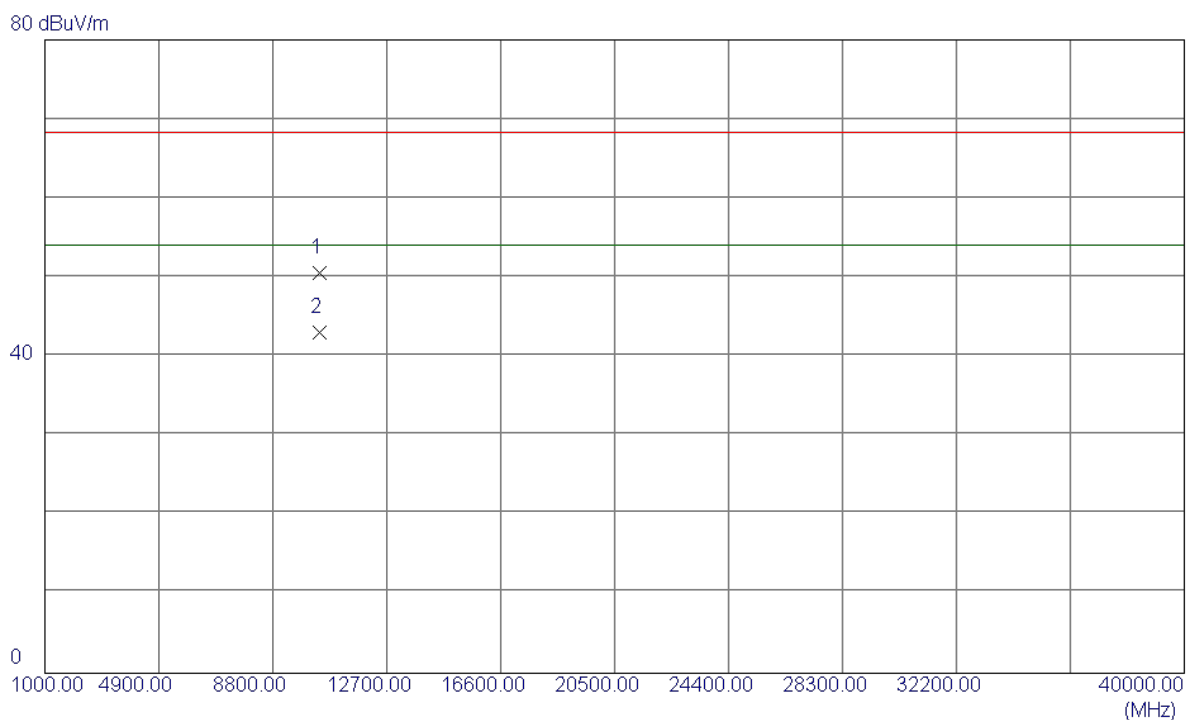
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5194.9000	65.13	41.55	106.68	68.30	38.38	Peak	No Limit
2	5207.1000	57.75	41.59	99.34	54.00	45.34	AVG	No Limit

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

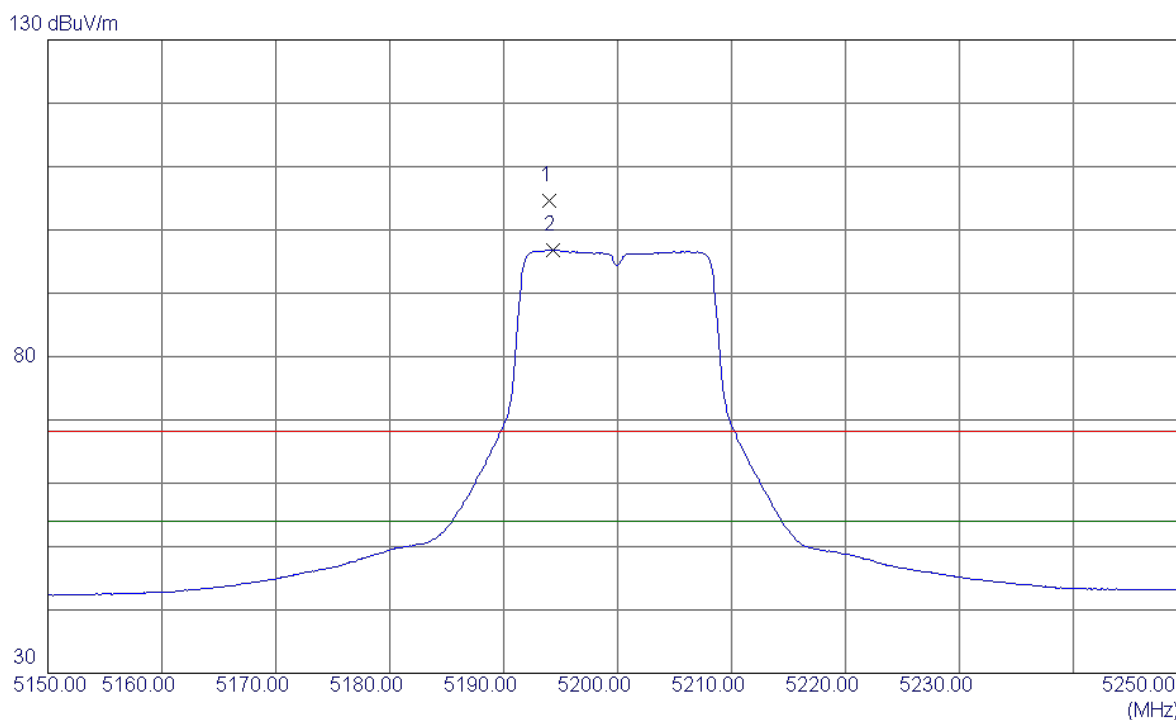
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10400.0000	39.58	11.05	50.63	68.30	-17.67	Peak	
2	10400.0000	32.04	11.05	43.09	54.00	-10.91	AVG	

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

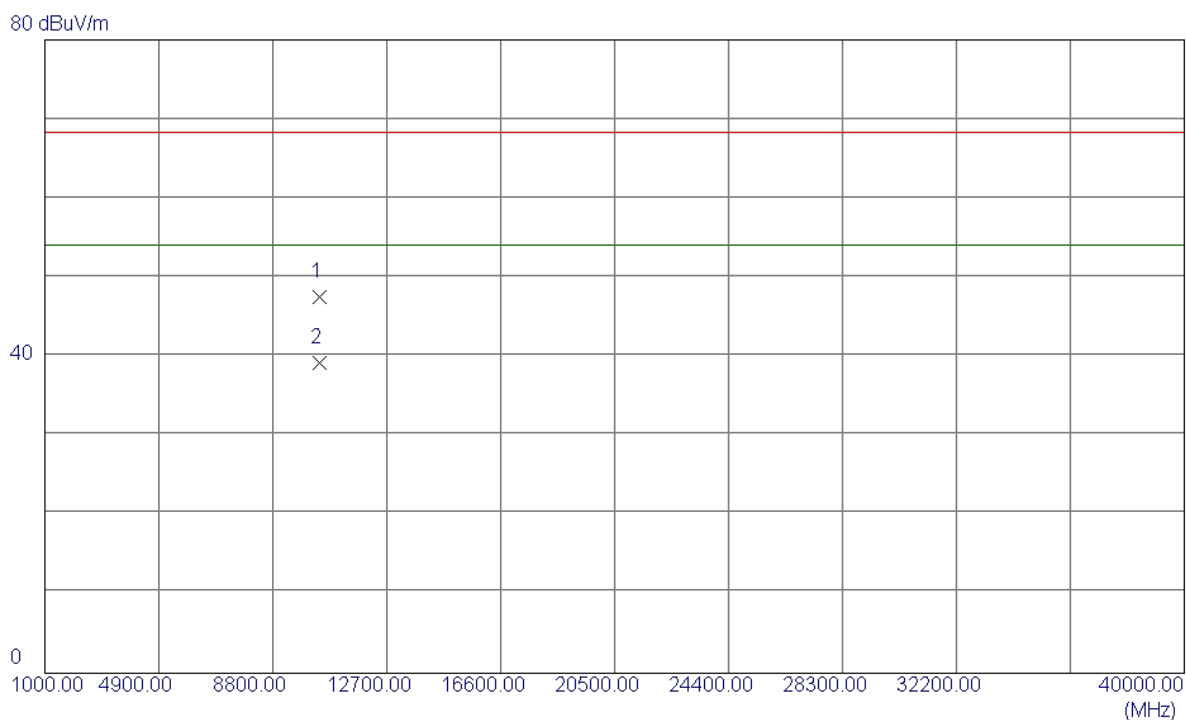
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5194.0000	62.96	41.55	104.51	68.30	36.21	Peak	No Limit
2	5194.3000	55.22	41.55	96.77	54.00	42.77	AVG	No Limit

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

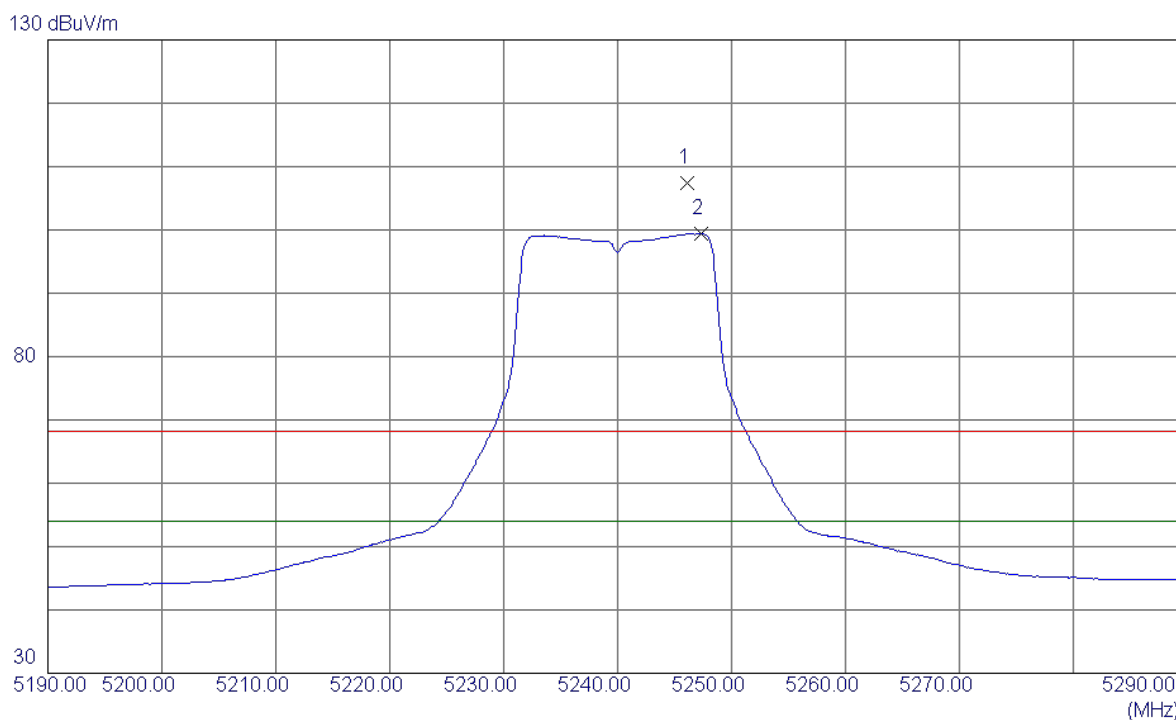
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10400.7300	36.52	11.05	47.57	68.30	-20.73	Peak	
2	10400.7300	28.12	11.05	39.17	54.00	-14.83	AVG	

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

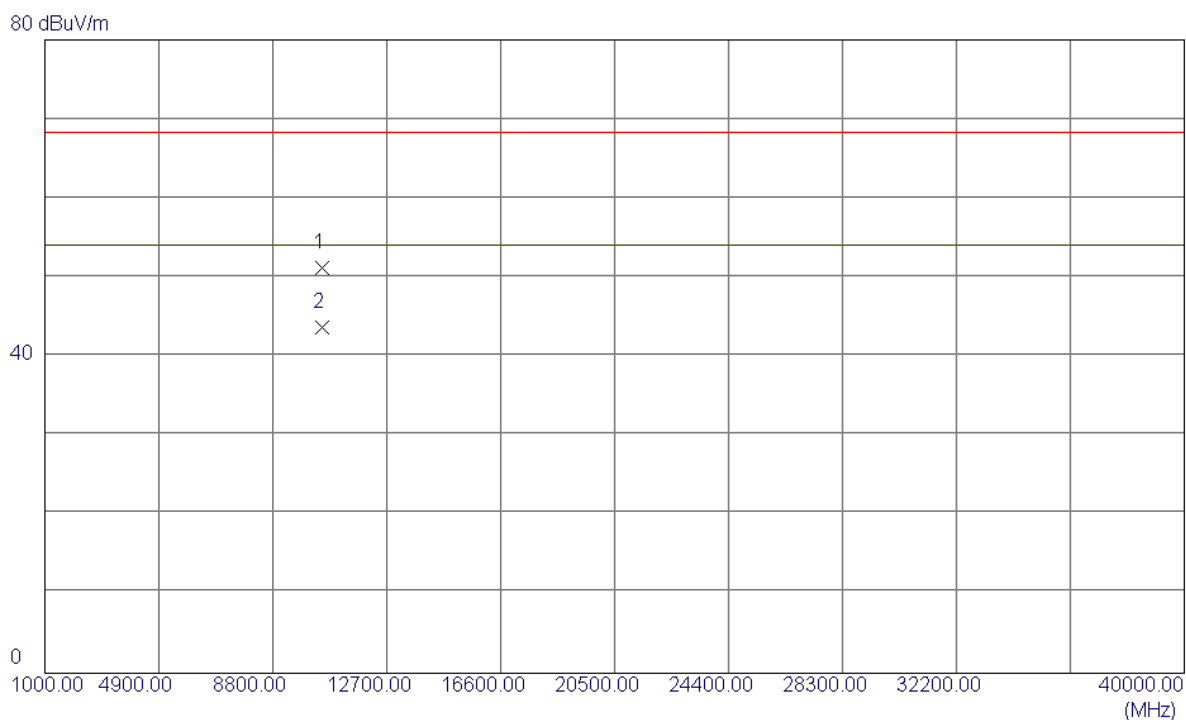
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5246.1000	65.69	41.72	107.41	68.30	39.11	Peak	No Limit
2	5247.3000	57.72	41.73	99.45	54.00	45.45	AVG	No Limit

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

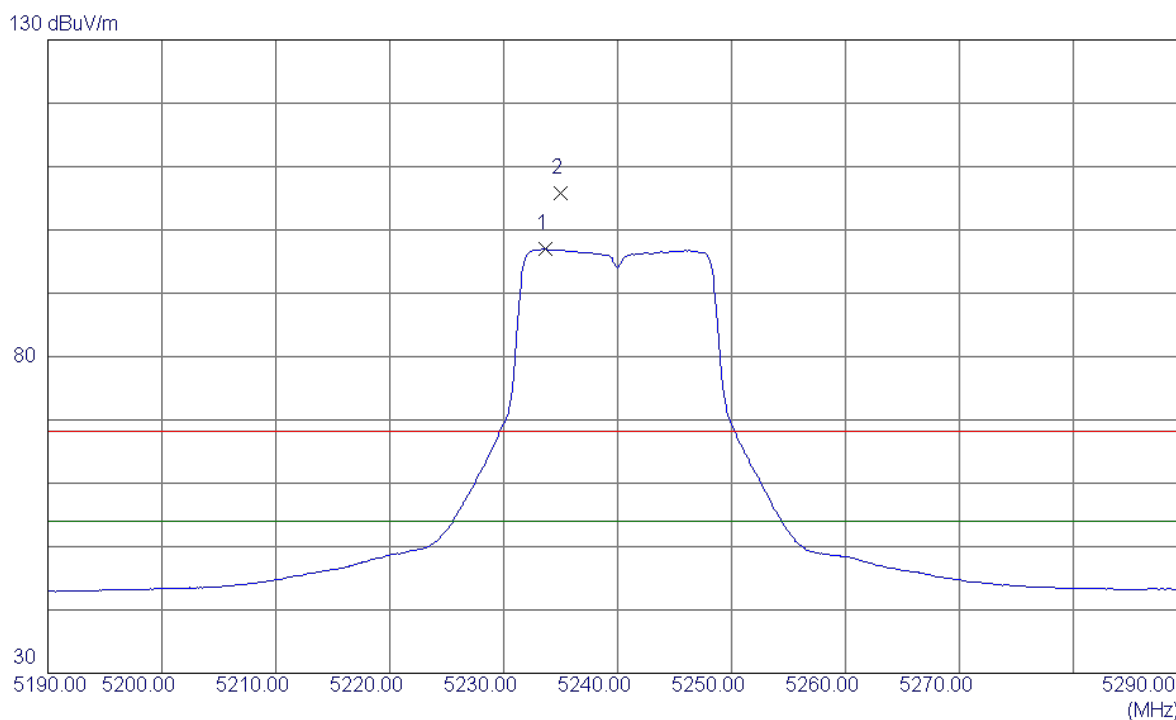
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10479.5199	40.22	10.94	51.16	68.30	-17.14	Peak	
2	10479.5199	32.75	10.94	43.69	54.00	-10.31	AVG	

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

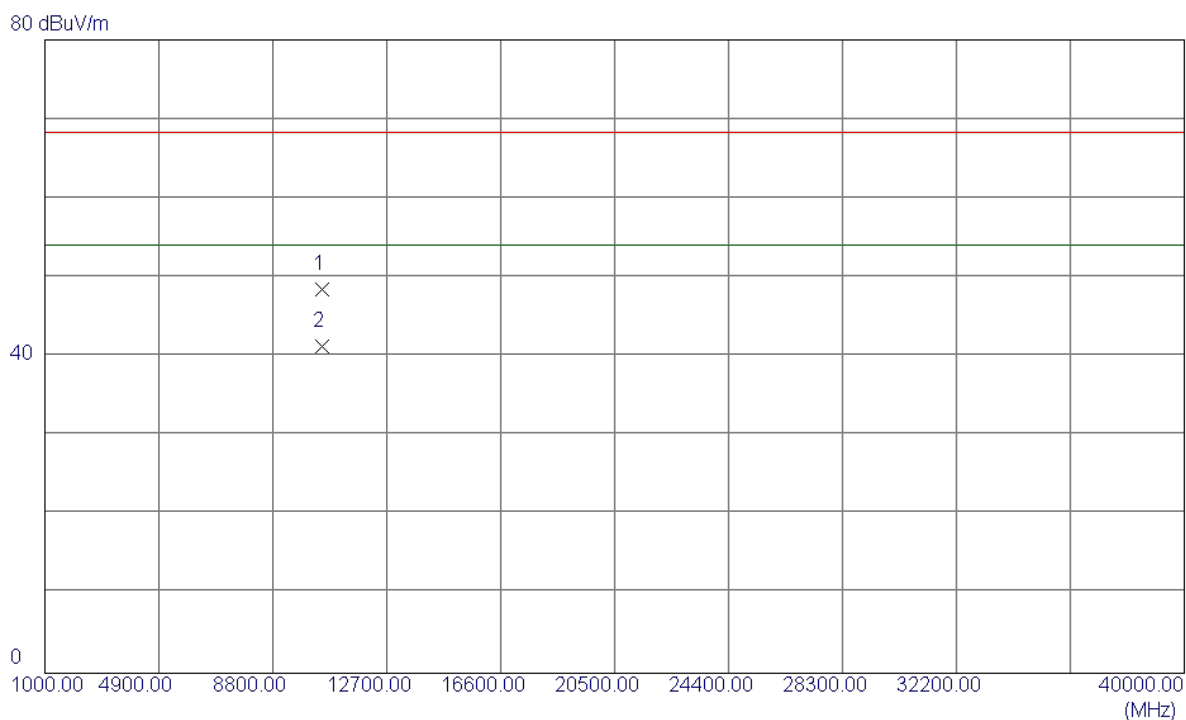
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5233.7000	55.29	41.68	96.97	54.00	42.97	AVG	No Limit
2	5235.0000	64.03	41.69	105.72	68.30	37.42	Peak	No Limit

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

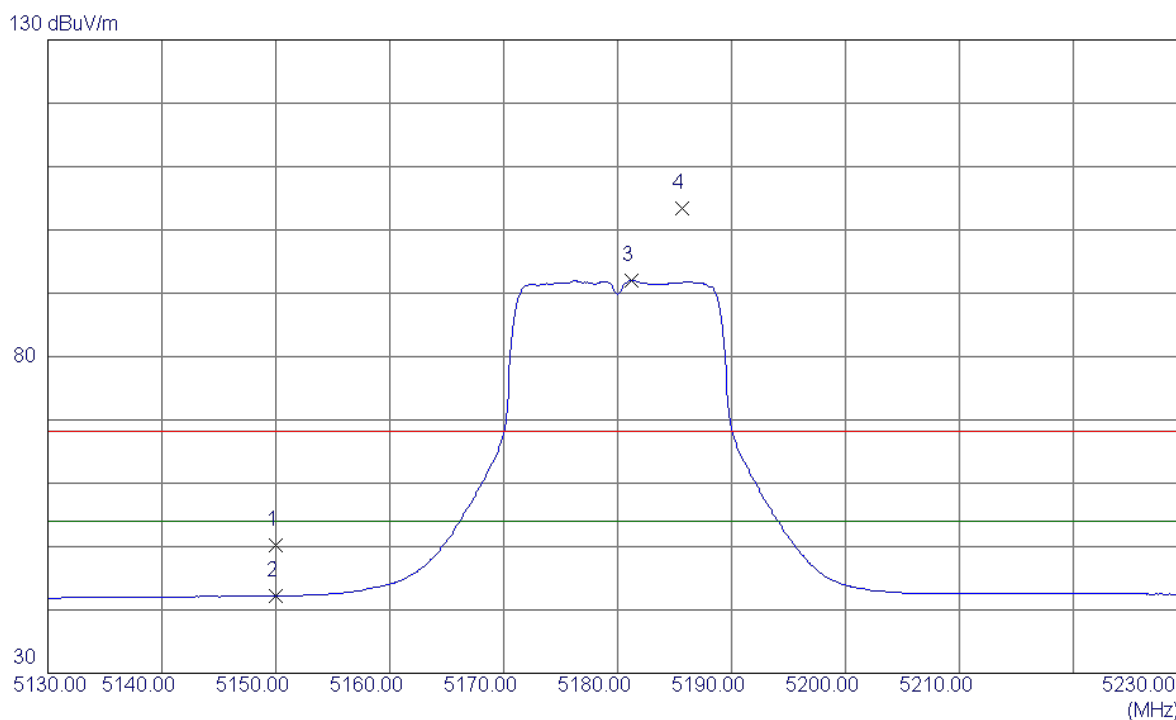
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10480.8200	37.56	10.94	48.50	68.30	-19.80	Peak	
2	10480.8200	30.35	10.94	41.29	54.00	-12.71	AVG	

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

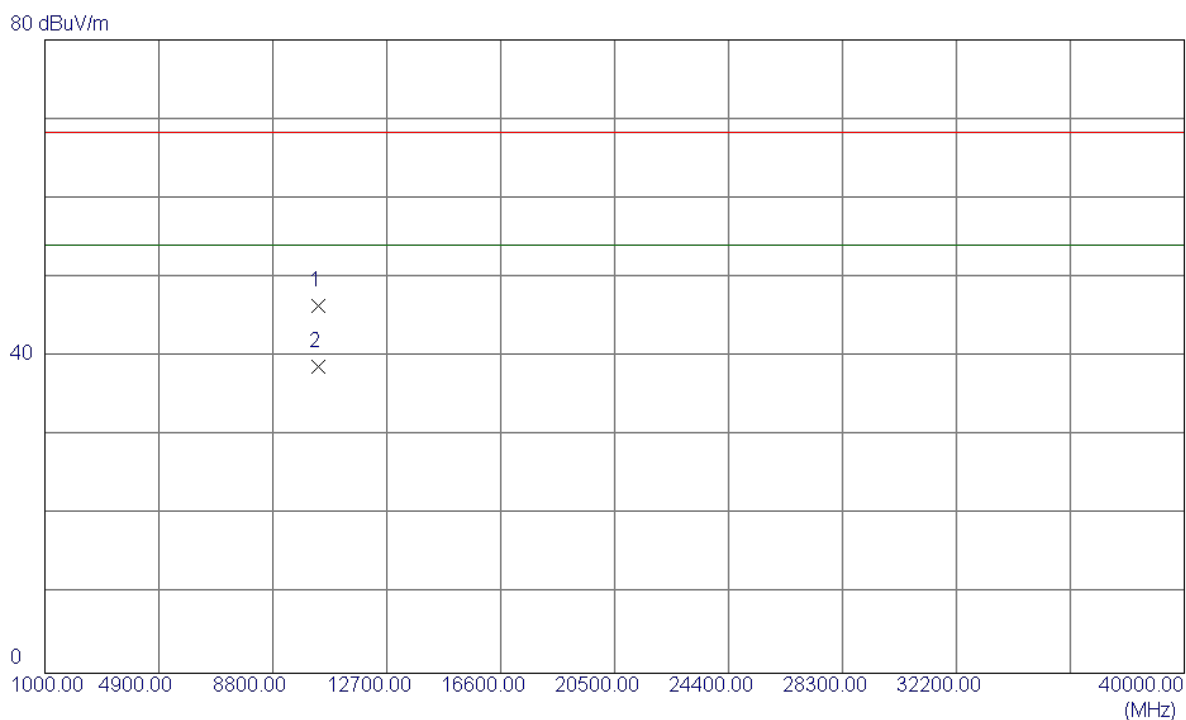
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5150.0000	8.87	41.40	50.27	68.30	-18.03	Peak	
2	5150.0000	0.77	41.40	42.17	54.00	-11.83	AVG	
3	5181.2000	50.51	41.51	92.02	54.00	38.02	AVG	No Limit
4	5185.7000	61.83	41.52	103.35	68.30	35.05	Peak	No Limit

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

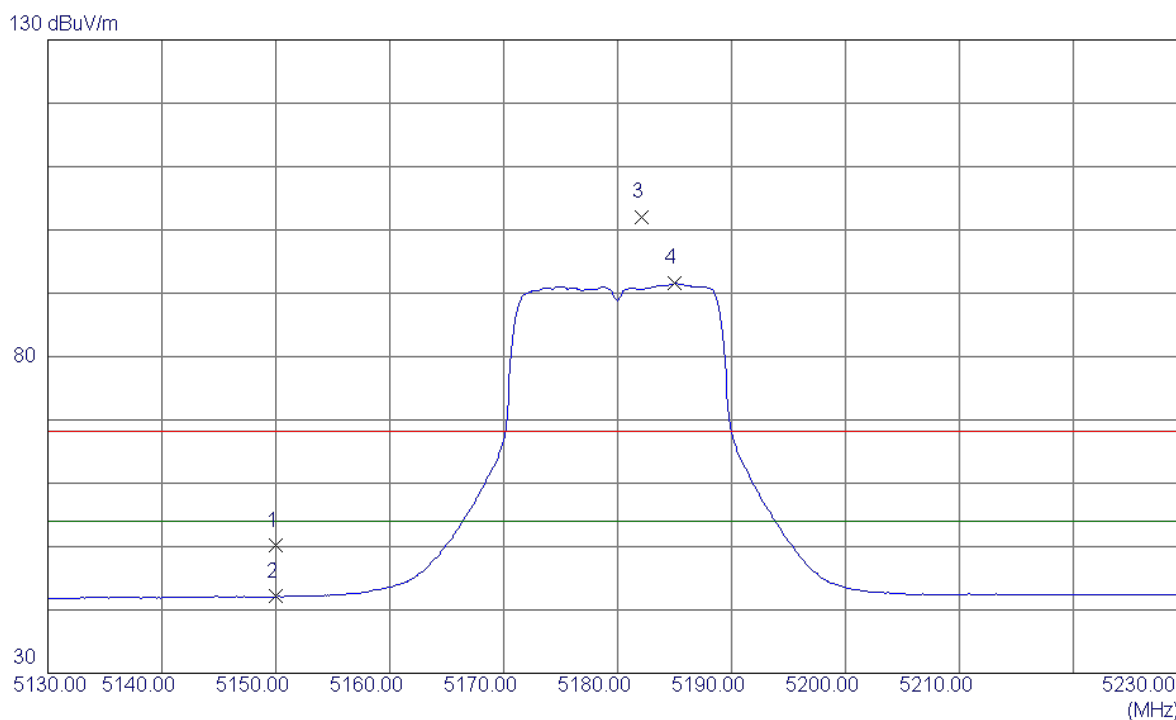
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10359.7400	35.25	11.11	46.36	68.30	-21.94	Peak	
2	10359.7400	27.67	11.11	38.78	54.00	-15.22	AVG	

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

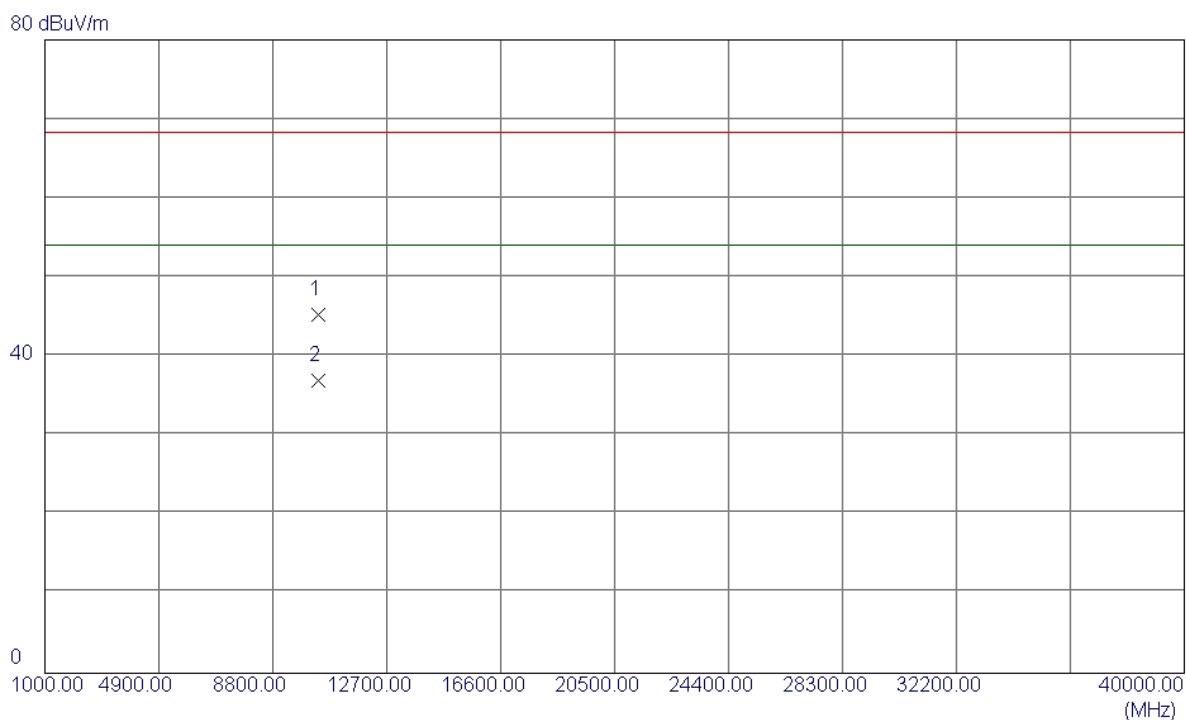
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5150.0000	8.70	41.40	50.10	68.30	-18.20	Peak	
2	5150.0000	0.70	41.40	42.10	54.00	-11.90	AVG	
3	5182.1000	60.51	41.51	102.02	68.30	33.72	Peak	No Limit
4	5185.0000	50.02	41.52	91.54	54.00	37.54	AVG	No Limit

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

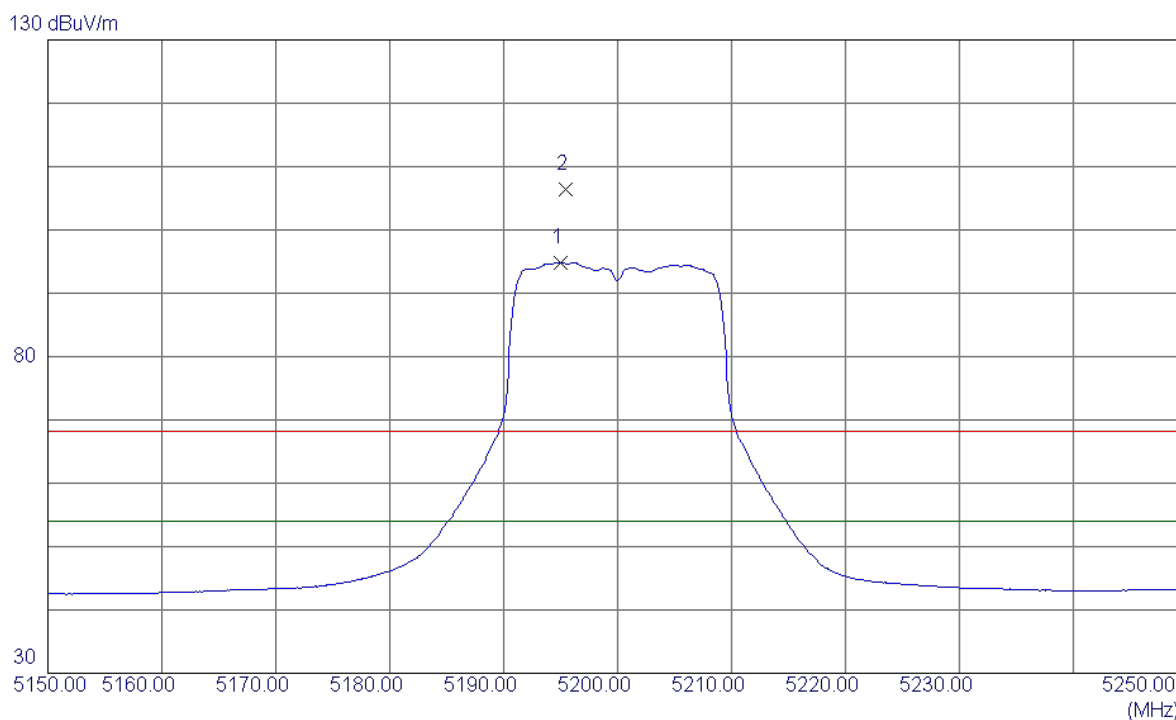
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10360.0700	34.23	11.11	45.34	68.30	-22.96	Peak	
2	10360.0700	25.86	11.11	36.97	54.00	-17.03	AVG	

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

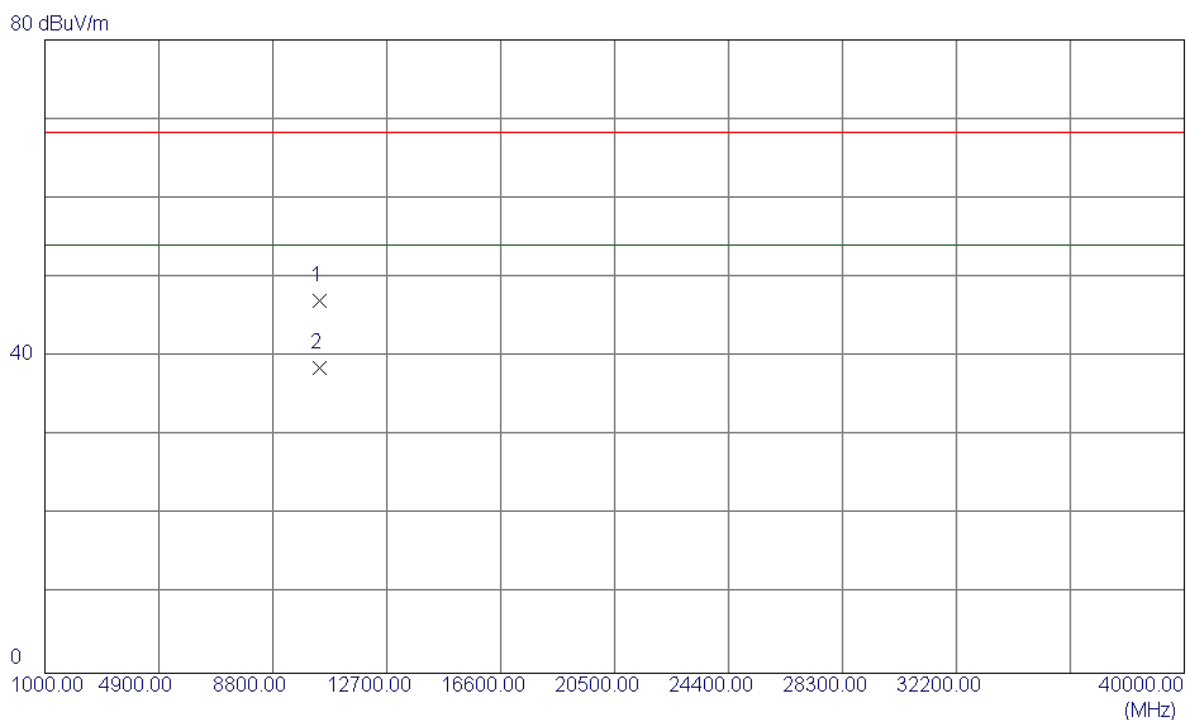
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5195.0000	53.32	41.55	94.87	54.00	40.87	AVG	No Limit
2	5195.4000	64.81	41.55	106.36	68.30	38.06	Peak	No Limit

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

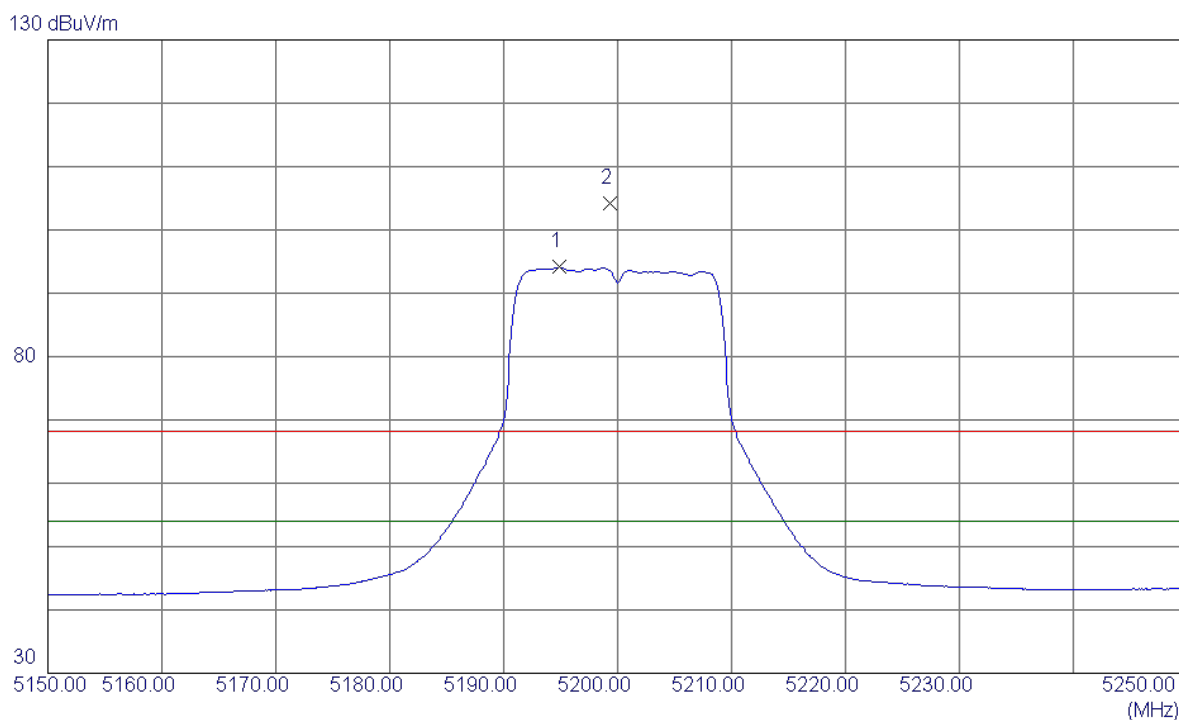
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10399.8300	35.92	11.05	46.97	68.30	-21.33	Peak	
2	10399.8300	27.45	11.05	38.50	54.00	-15.50	AVG	

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

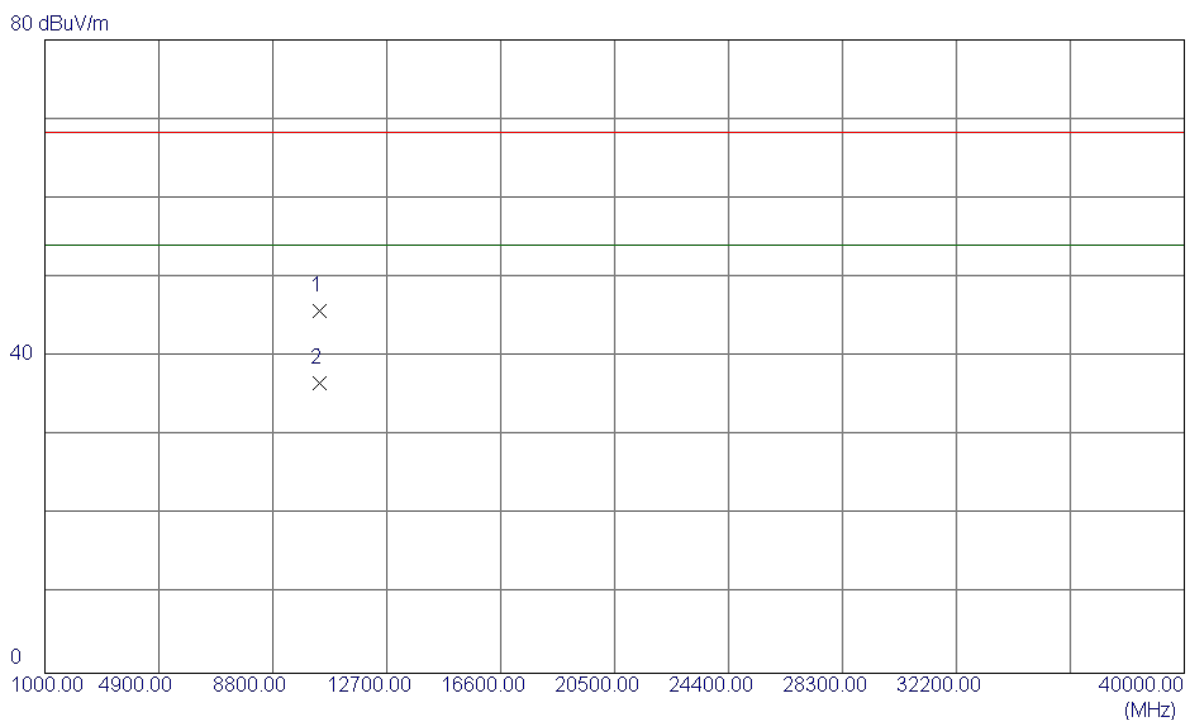
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5194.9000	52.57	41.55	94.12	54.00	40.12	AVG	No Limit
2	5199.3000	62.64	41.57	104.21	68.30	35.91	Peak	No Limit

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

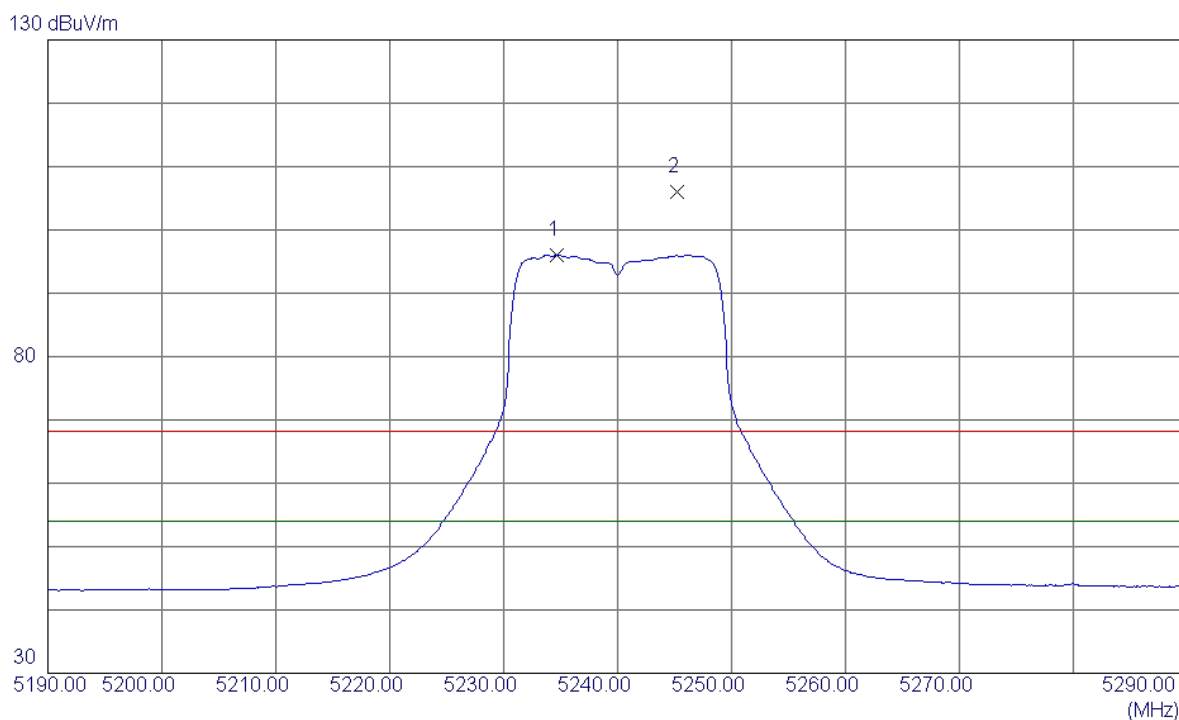
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10401.0800	34.71	11.05	45.76	68.30	-22.54	Peak	
2	10401.0800	25.64	11.05	36.69	54.00	-17.31	AVG	

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

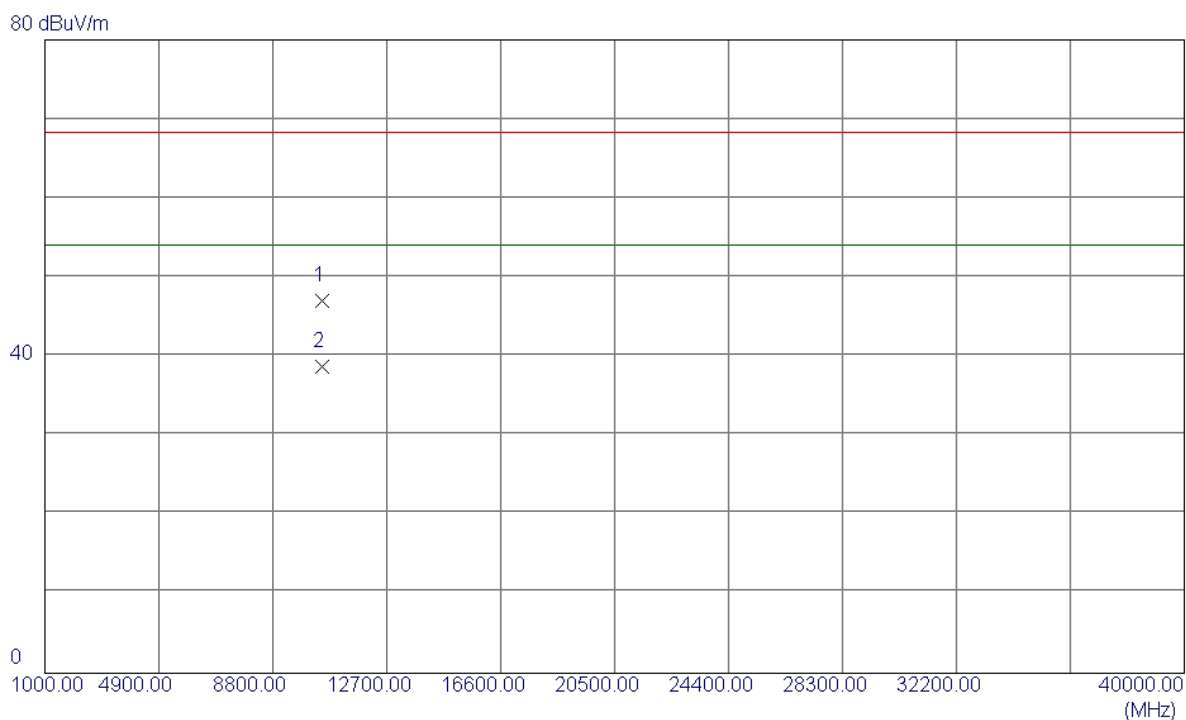
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5234.7000	54.35	41.68	96.03	54.00	42.03	AVG	No Limit
2	5245.2000	64.34	41.72	106.06	68.30	37.76	Peak	No Limit

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

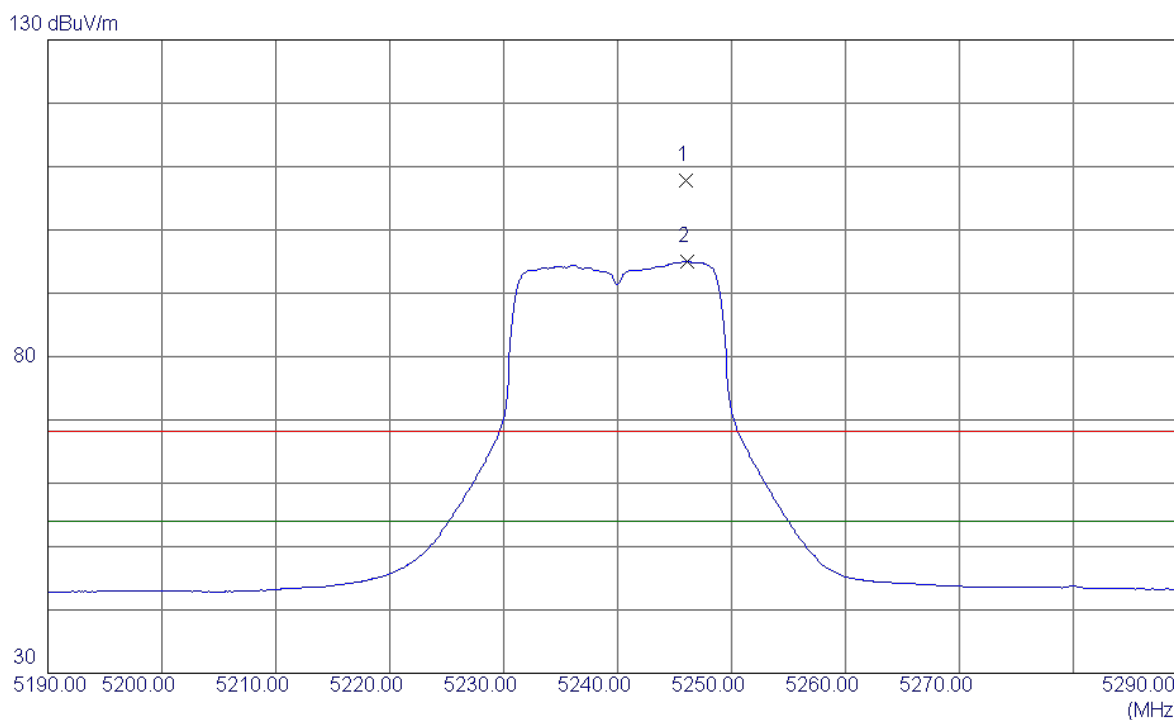
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10481.2300	36.12	10.94	47.06	68.30	-21.24	Peak	
2	10481.2300	27.78	10.94	38.72	54.00	-15.28	AVG	

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

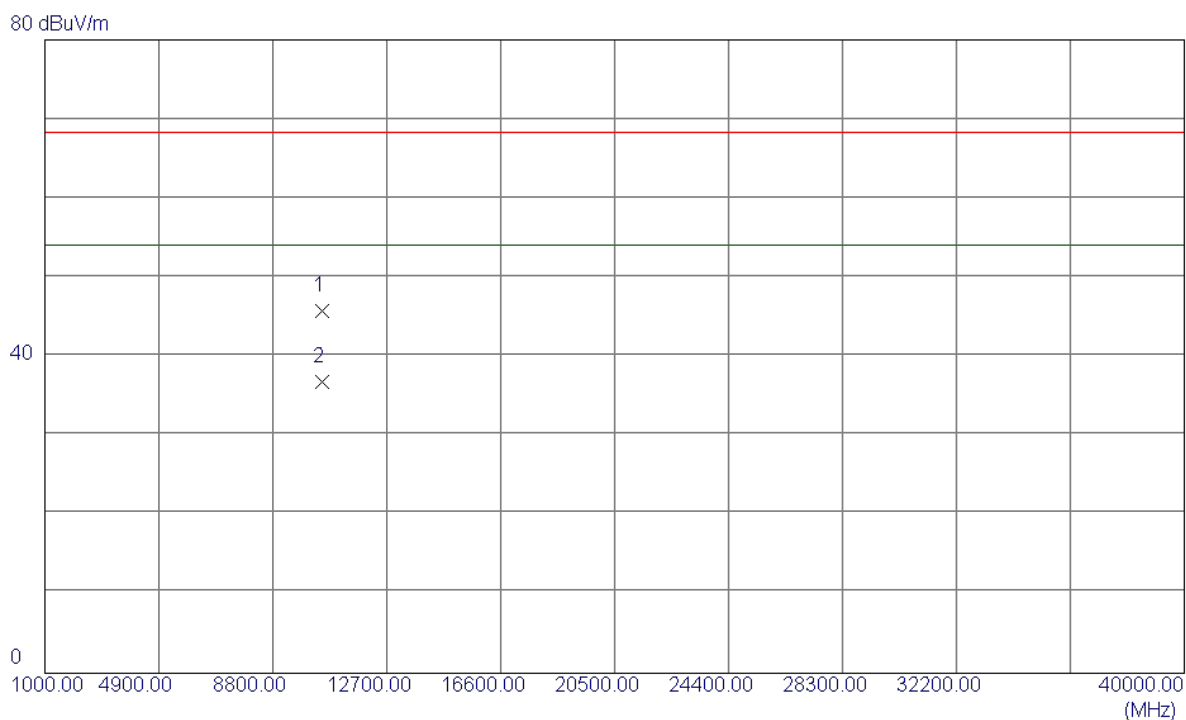
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5246.0000	66.02	41.72	107.74	68.30	39.44	Peak	No Limit
2	5246.1000	53.31	41.72	95.03	54.00	41.03	AVG	No Limit

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

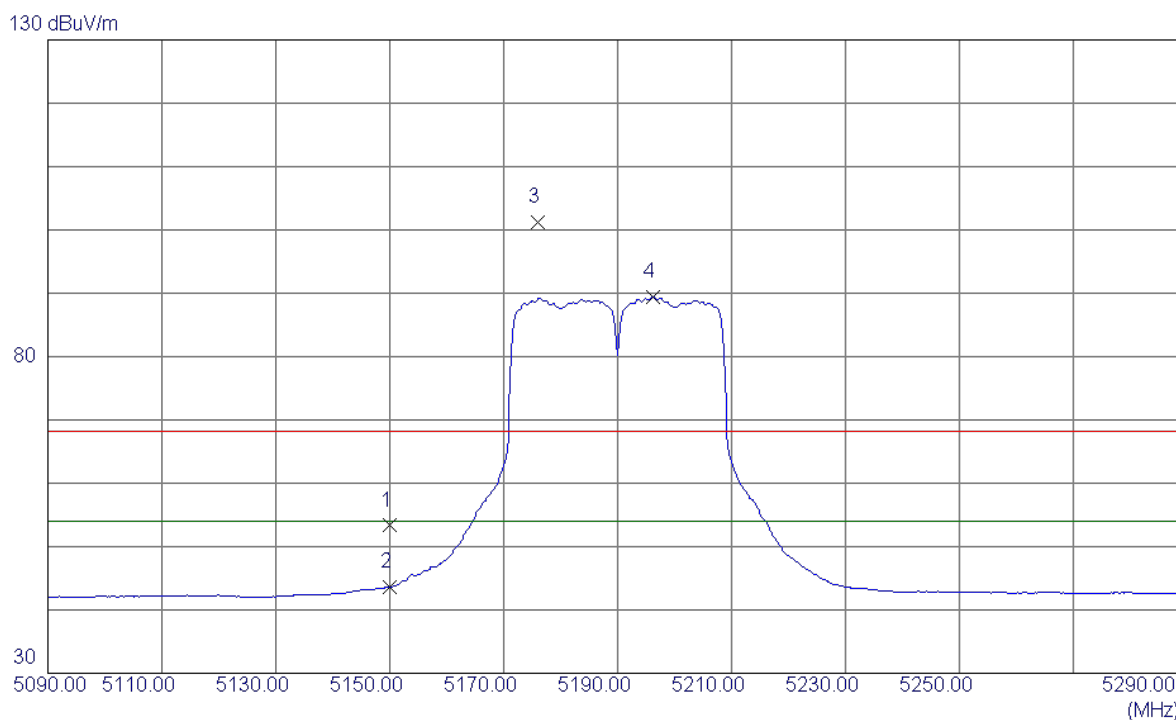
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10479.2600	34.78	10.94	45.72	68.30	-22.58	Peak	
2	10479.2600	25.79	10.94	36.73	54.00	-17.27	AVG	

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

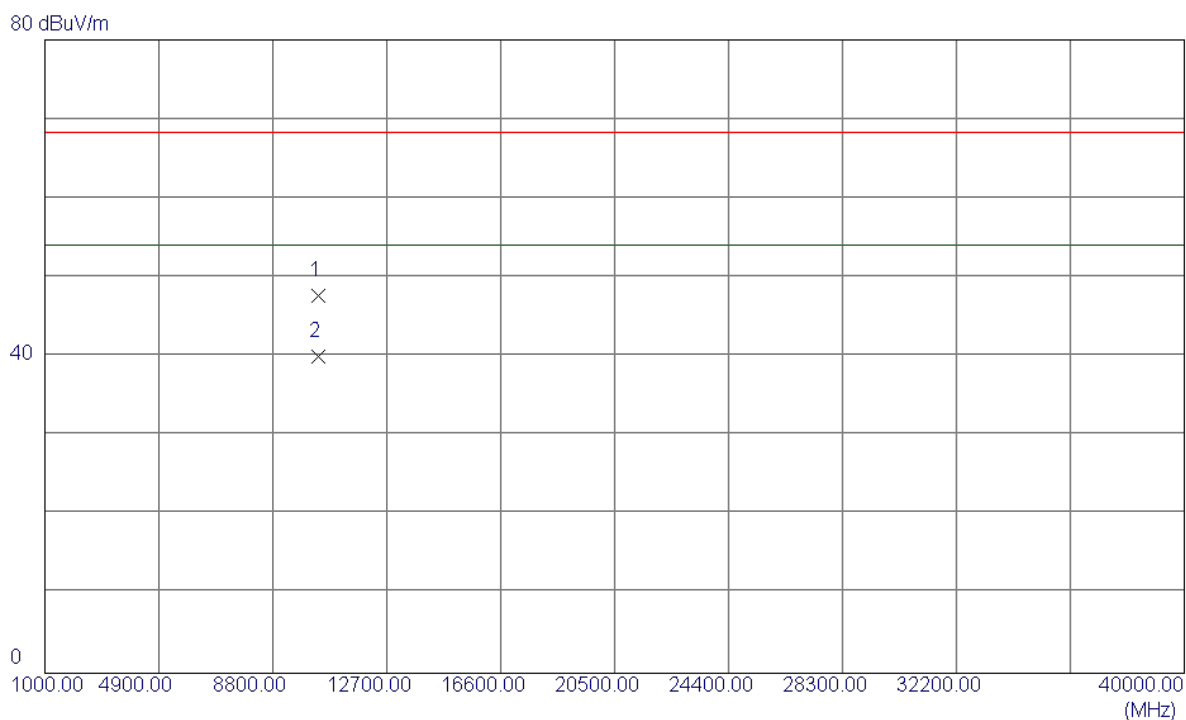
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5150.0000	11.90	41.40	53.30	68.30	-15.00	Peak	
2	5150.0000	2.22	41.40	43.62	54.00	-10.38	AVG	
3	5176.0000	59.68	41.49	101.17	68.30	32.87	Peak	No Limit
4	5196.2000	47.87	41.56	89.43	54.00	35.43	AVG	No Limit

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

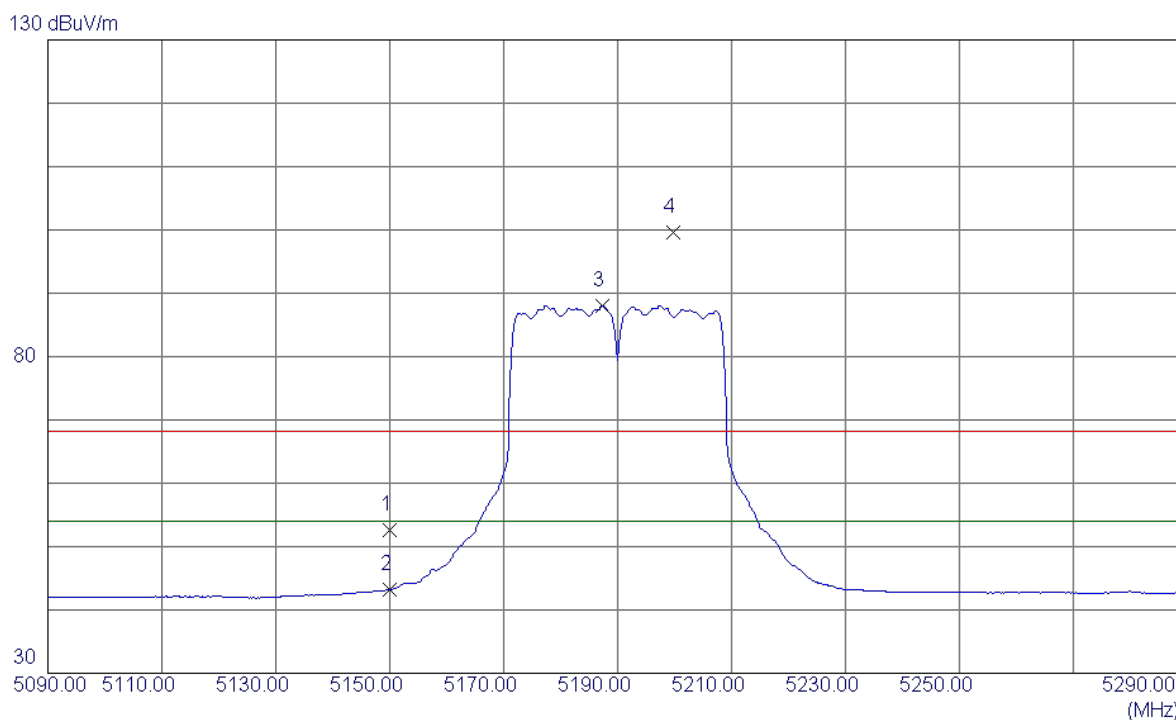
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10379.5599	36.60	11.08	47.68	68.30	-20.62	Peak	
2	10379.5599	28.88	11.08	39.96	54.00	-14.04	AVG	

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

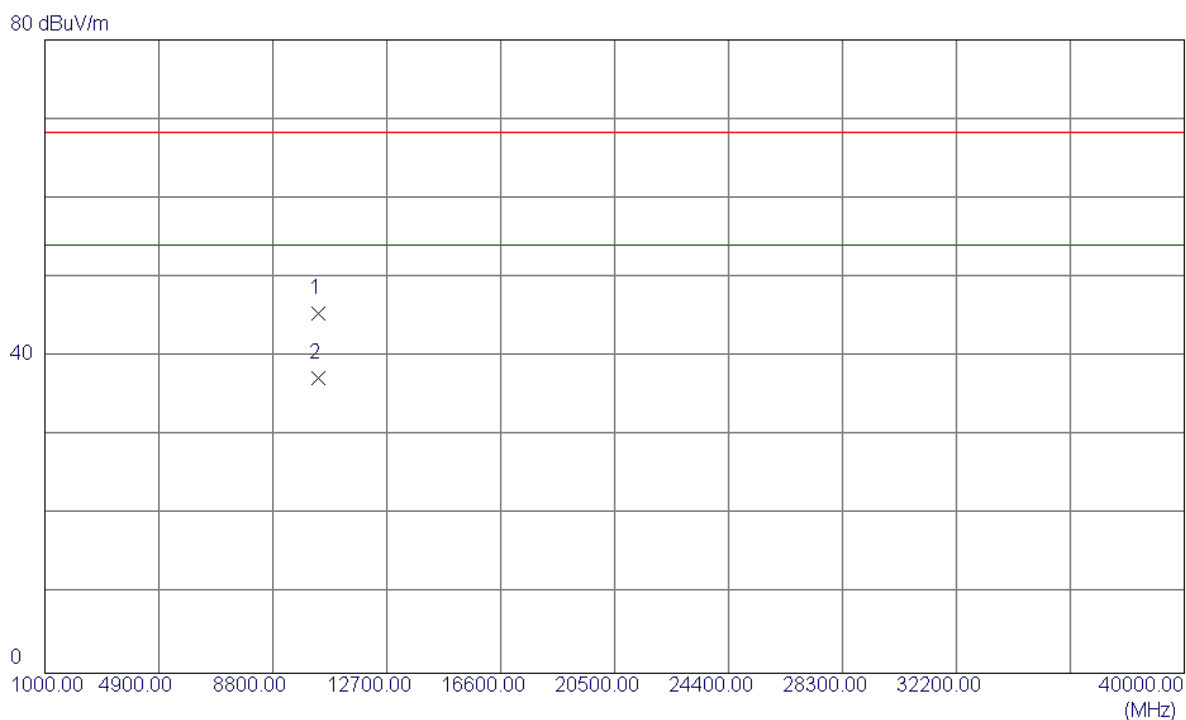
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5150.0000	11.28	41.40	52.68	68.30	-15.62	Peak	
2	5150.0000	1.80	41.40	43.20	54.00	-10.80	AVG	
3	5187.4000	46.49	41.53	88.02	54.00	34.02	AVG	No Limit
4	5199.8000	57.94	41.57	99.51	68.30	31.21	Peak	No Limit

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

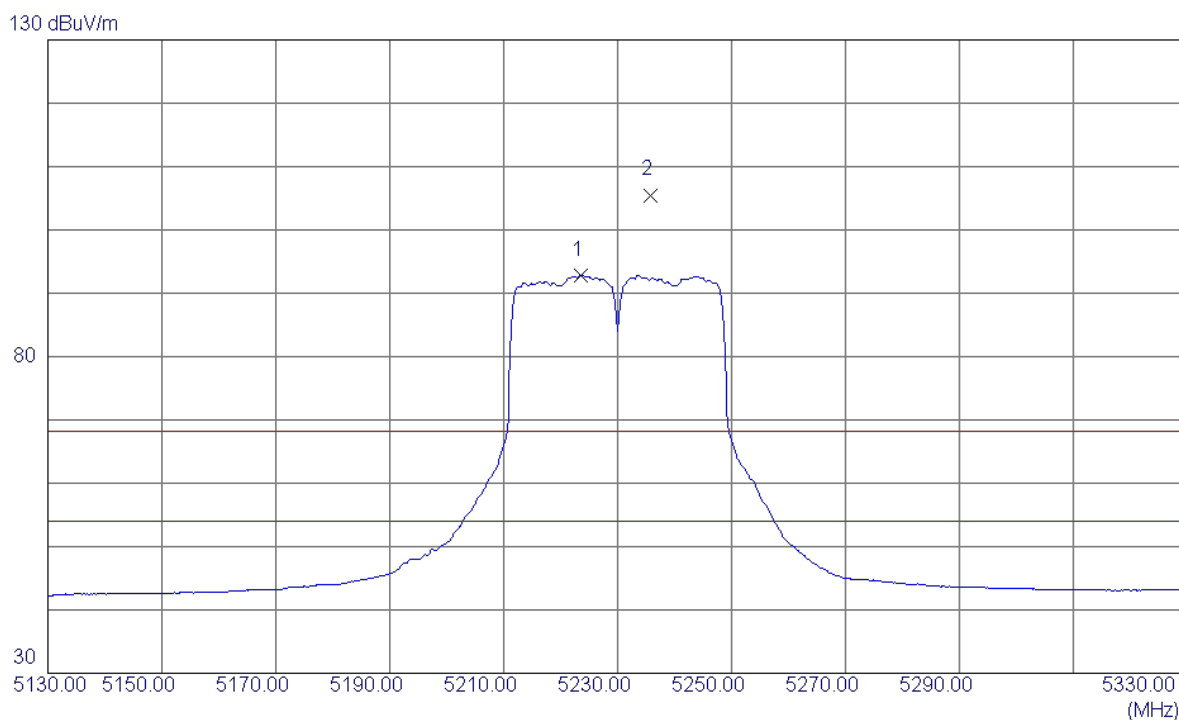
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10380.0000	34.40	11.08	45.48	68.30	-22.82	Peak	
2	10380.0000	26.13	11.08	37.21	54.00	-16.79	AVG	

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

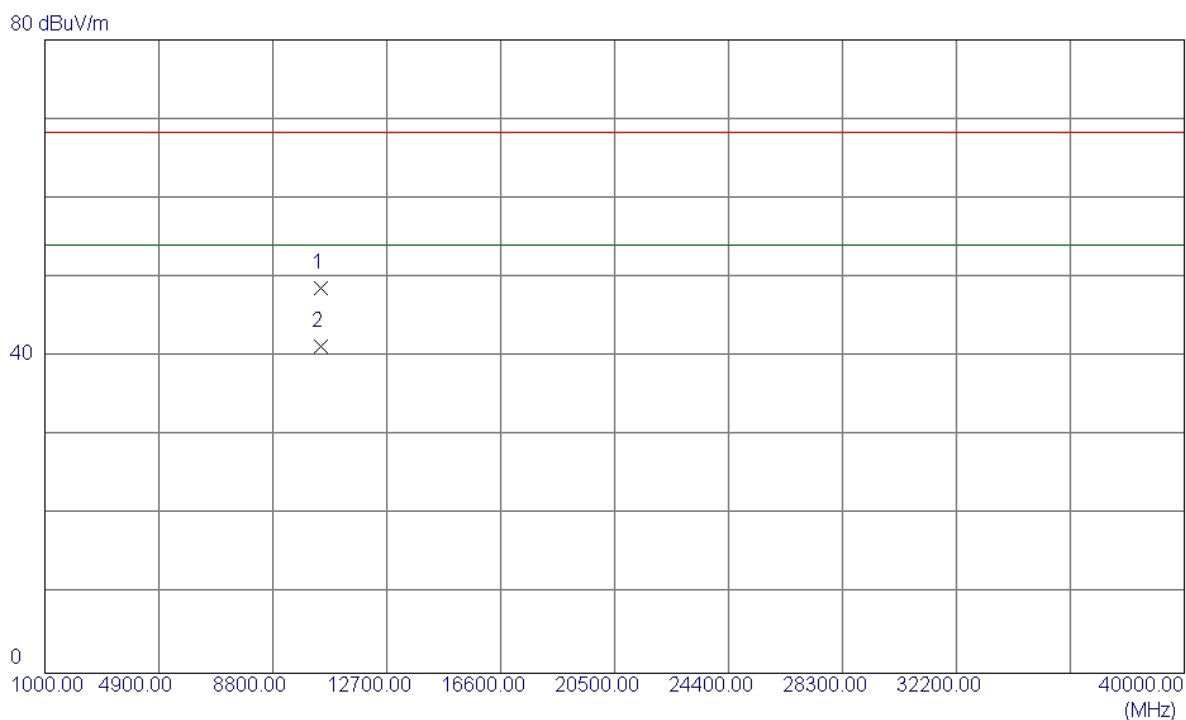
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5223.6000	51.19	41.65	92.84	54.00	38.84	AVG	No Limit
2	5235.8000	63.81	41.69	105.50	68.30	37.20	Peak	No Limit

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

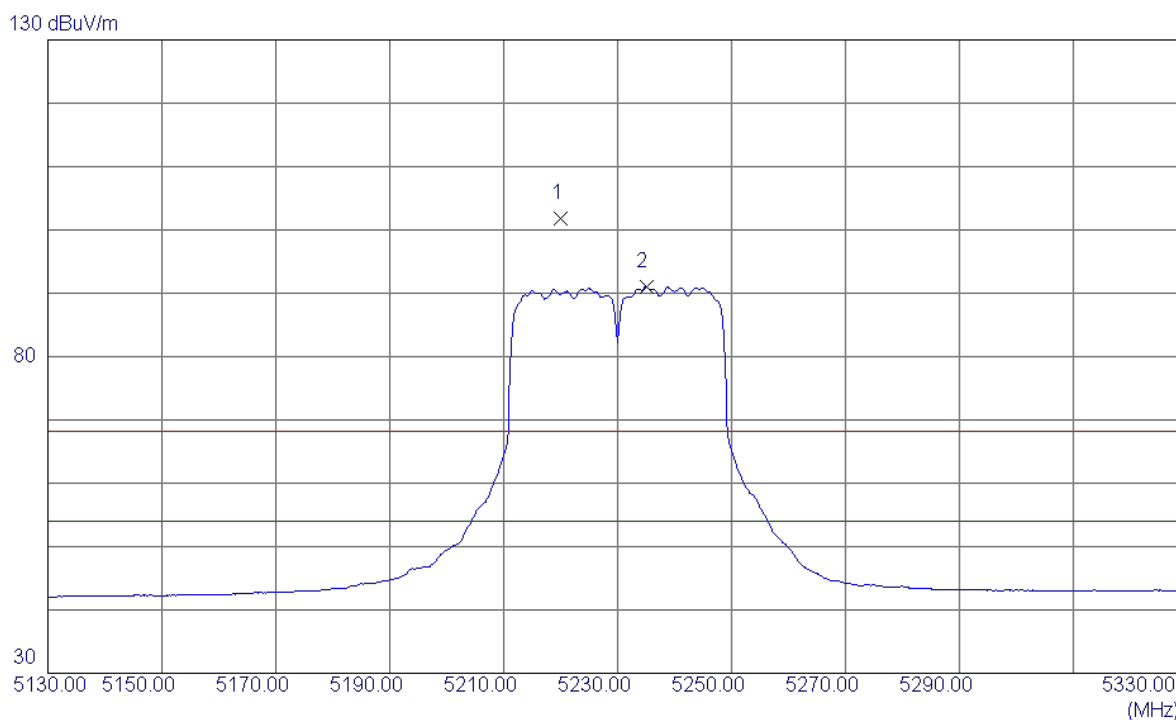
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10459.8099	37.72	10.97	48.69	68.30	-19.61	Peak	
2	10459.8099	30.24	10.97	41.21	54.00	-12.79	AVG	

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

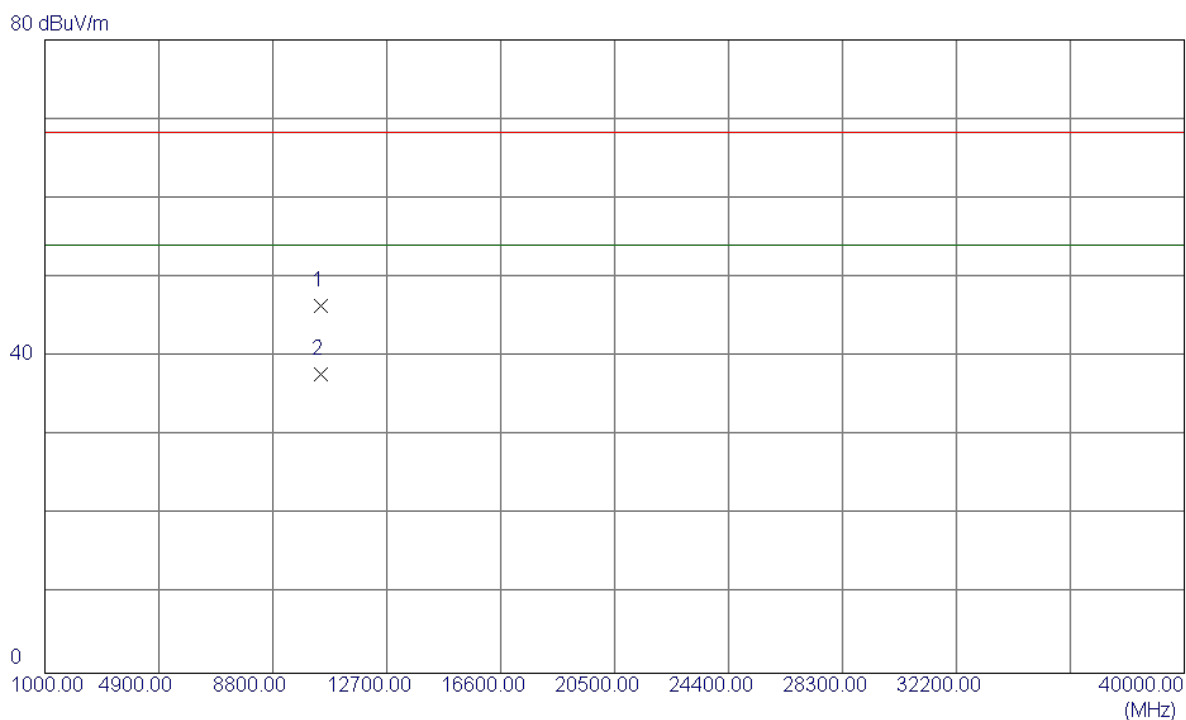
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5220.0000	60.24	41.64	101.88	68.30	33.58	Peak	No Limit
2	5235.0000	49.40	41.69	91.09	54.00	37.09	AVG	No Limit

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

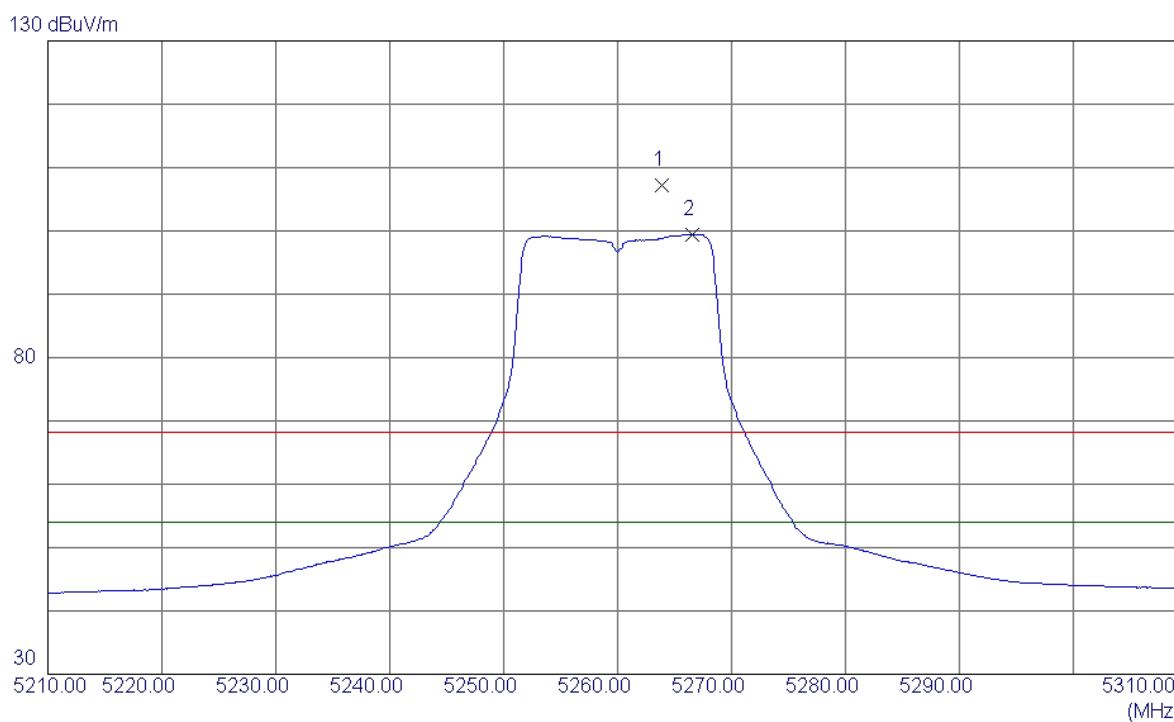
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10460.3200	35.49	10.97	46.46	68.30	-21.84	Peak	
2	10460.3200	26.86	10.97	37.83	54.00	-16.17	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX A Mode 5260MHz

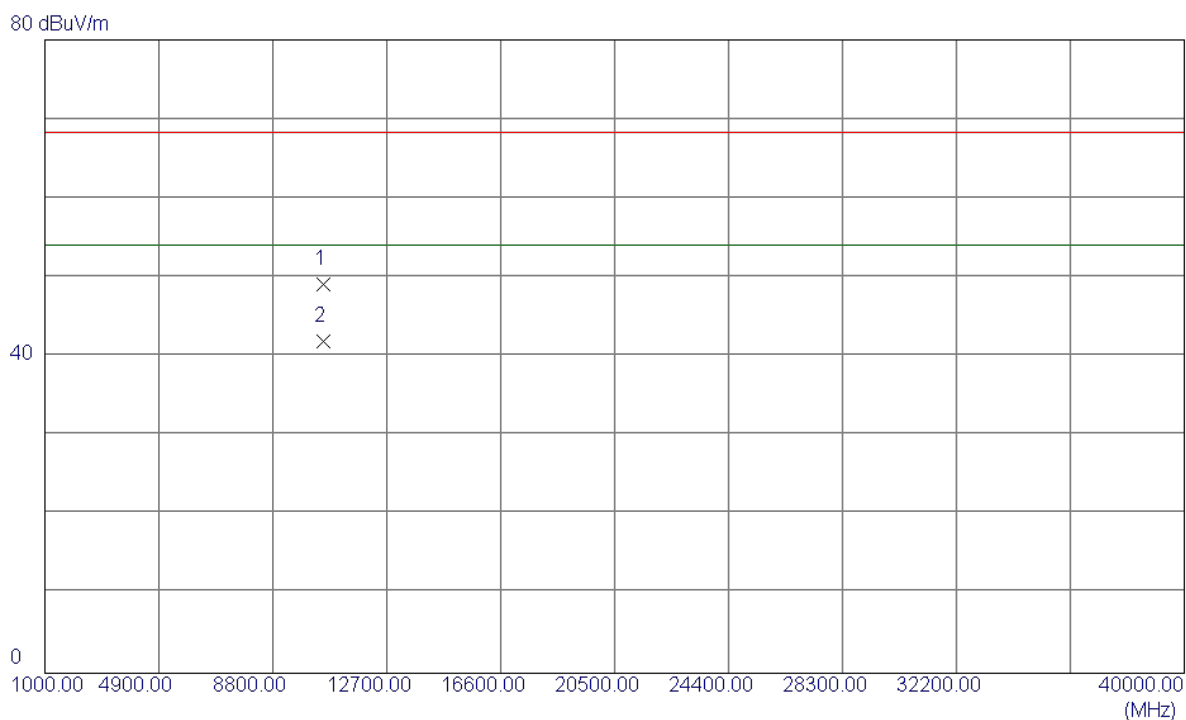
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5263.9000	65.45	41.78	107.23	68.30	38.93	Peak	No Limit
2	5266.6000	57.65	41.79	99.44	54.00	45.44	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX A Mode 5260MHz

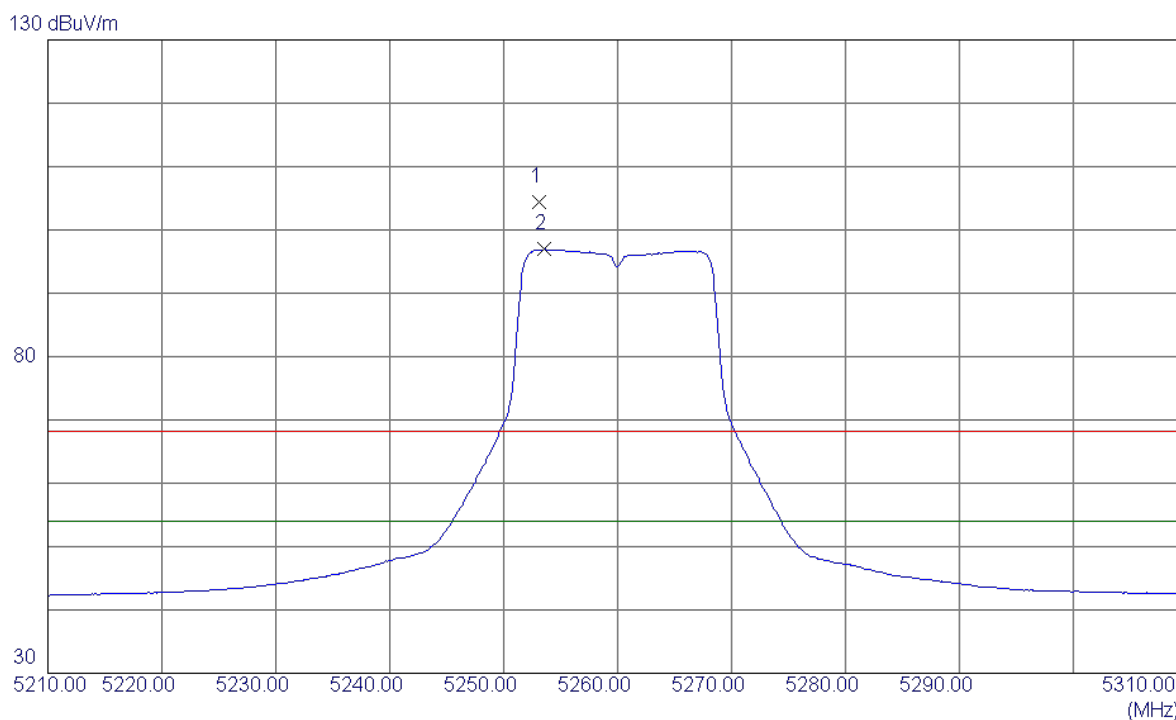
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10521.4300	38.15	10.93	49.08	68.30	-19.22	Peak	
2	10521.4300	31.04	10.93	41.97	54.00	-12.03	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX A Mode 5260MHz

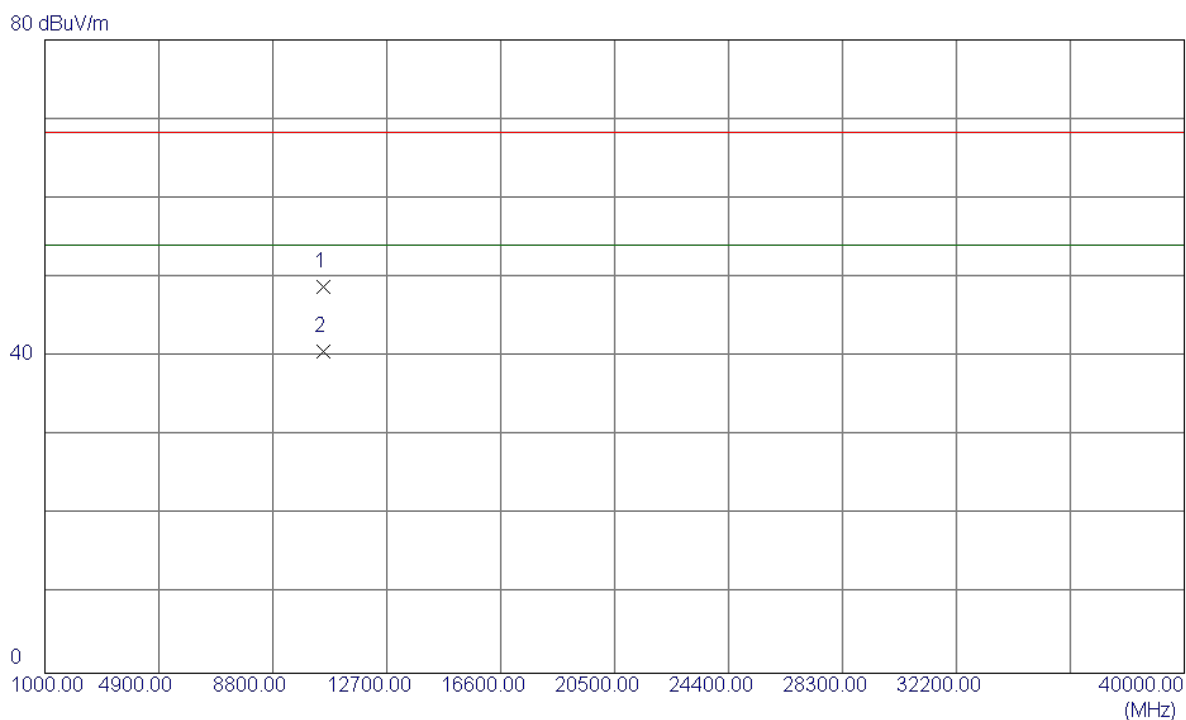
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5253.1000	62.69	41.75	104.44	68.30	36.14	Peak	No Limit
2	5253.6000	55.20	41.75	96.95	54.00	42.95	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX A Mode 5260MHz

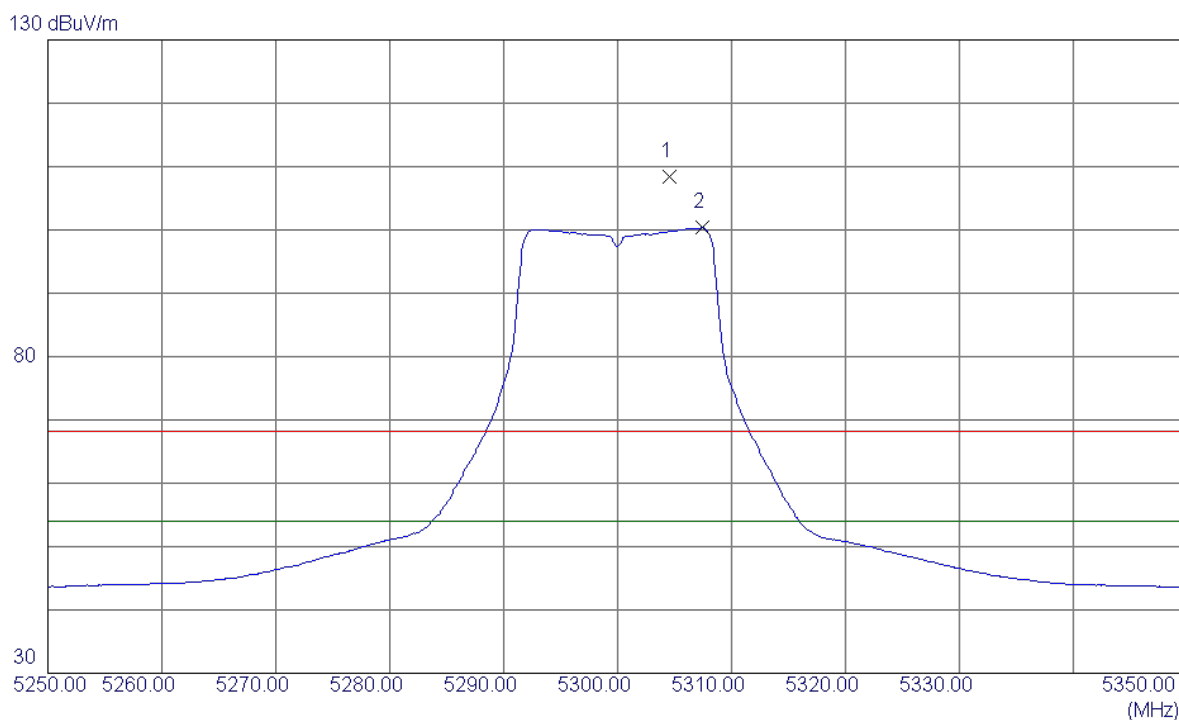
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10519.7500	37.84	10.93	48.77	68.30	-19.53	Peak	
2	10519.7500	29.78	10.93	40.71	54.00	-13.29	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX A Mode 5300MHz

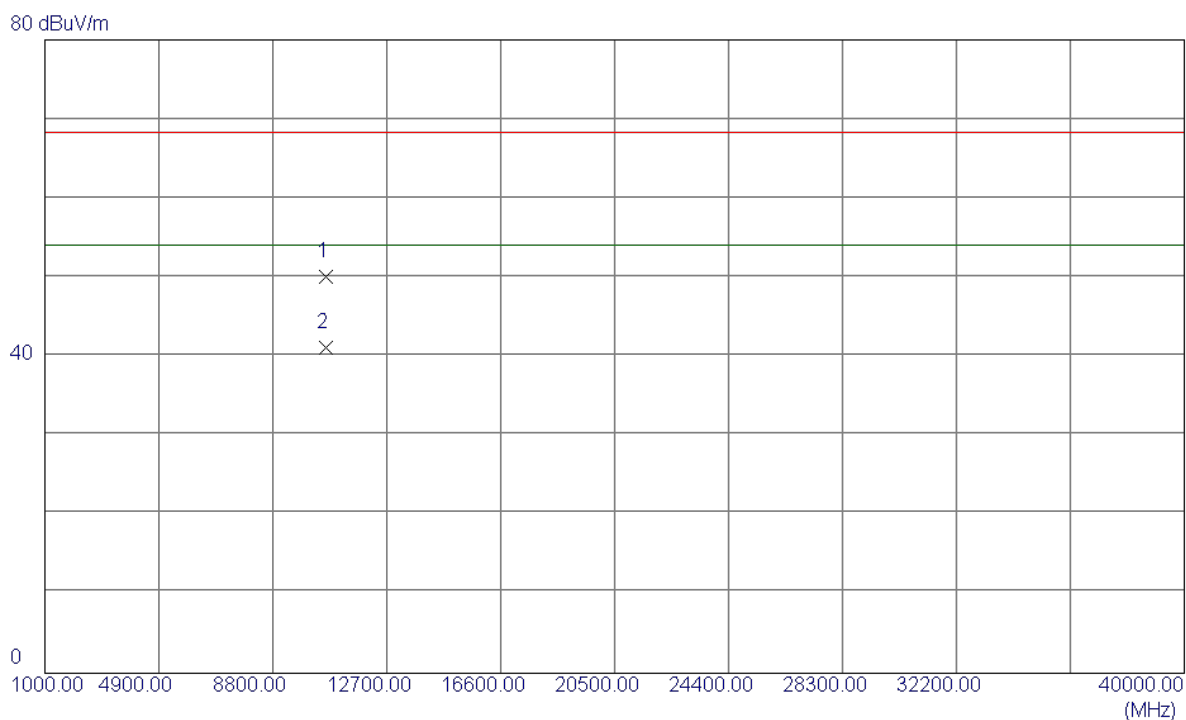
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5304.6000	66.53	41.92	108.45	68.30	40.15	Peak	No Limit
2	5307.4000	58.40	41.92	100.32	54.00	46.32	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX A Mode 5300MHz

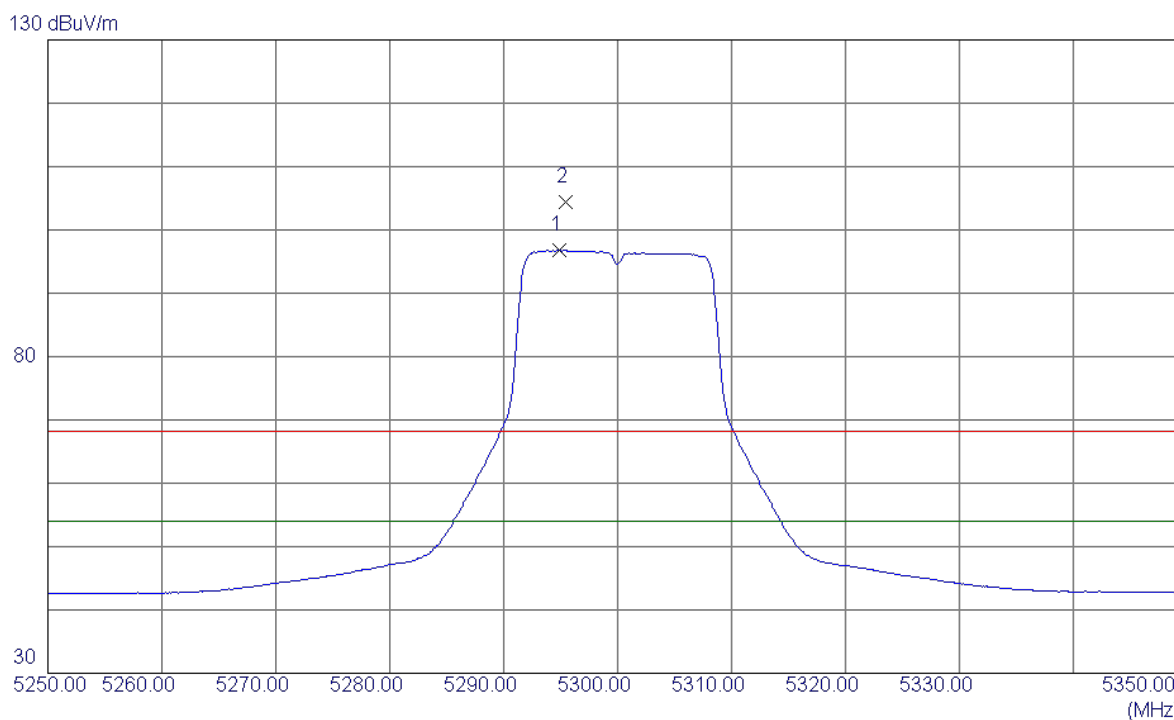
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10600.7400	39.01	11.00	50.01	68.30	-18.29	Peak	
2	10600.7400	30.18	11.00	41.18	54.00	-12.82	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX A Mode 5300MHz

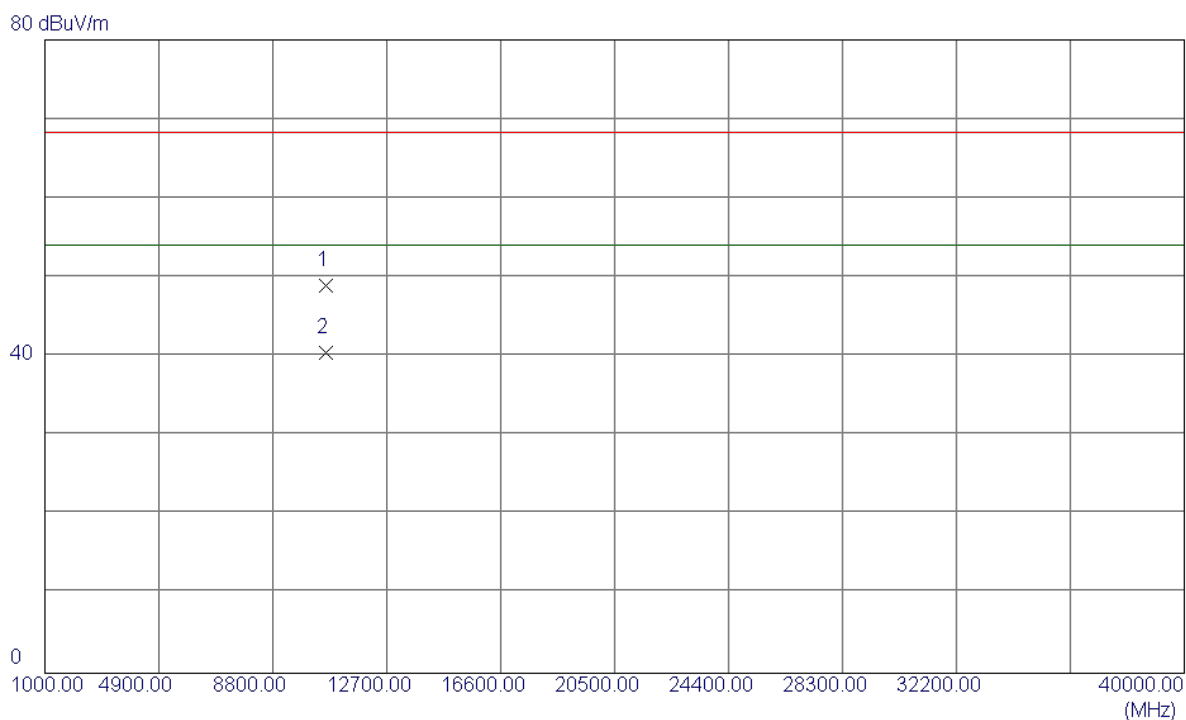
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5294.9000	54.87	41.88	96.75	54.00	42.75	AVG	No Limit
2	5295.4000	62.52	41.88	104.40	68.30	36.10	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX A Mode 5300MHz

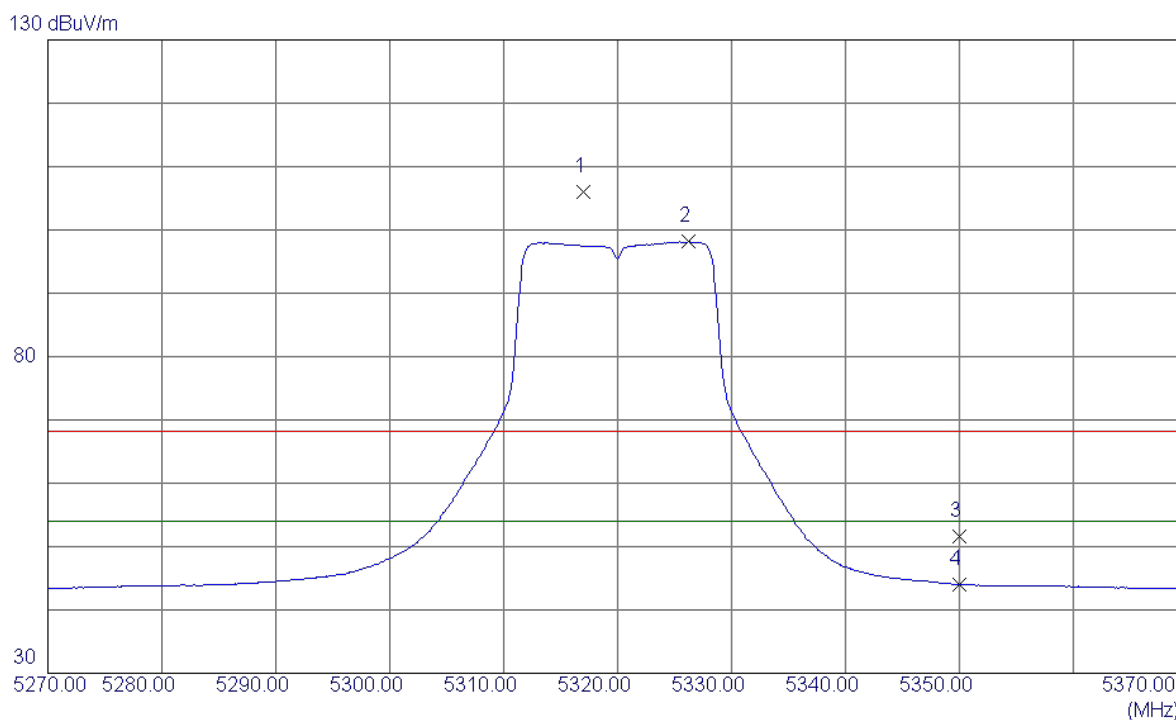
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10600.0500	37.98	11.00	48.98	68.30	-19.32	Peak	
2	10600.0500	29.54	11.00	40.54	54.00	-13.46	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX A Mode 5320MHz

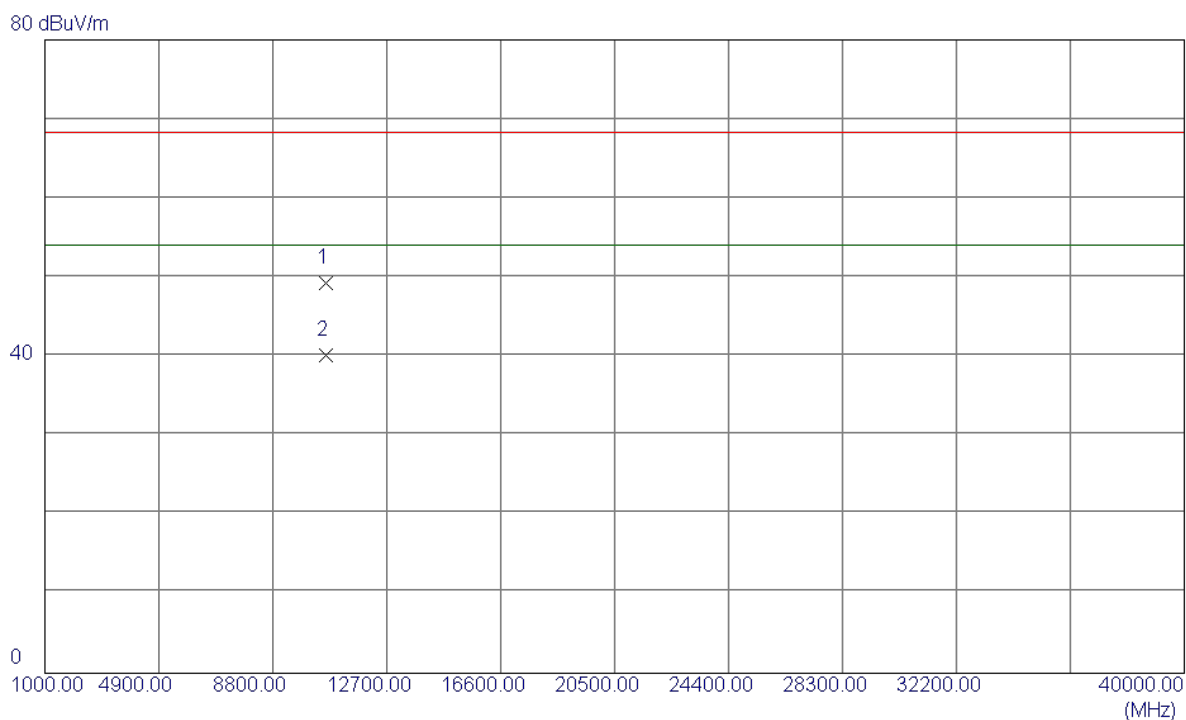
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5317.0000	64.05	41.96	106.01	68.30	37.71	Peak	No Limit
2	5326.2000	56.14	41.99	98.13	54.00	44.13	AVG	No Limit
3	5350.0000	9.48	42.06	51.54	68.30	-16.76	Peak	
4	5350.0000	2.01	42.06	44.07	54.00	-9.93	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX A Mode 5320MHz

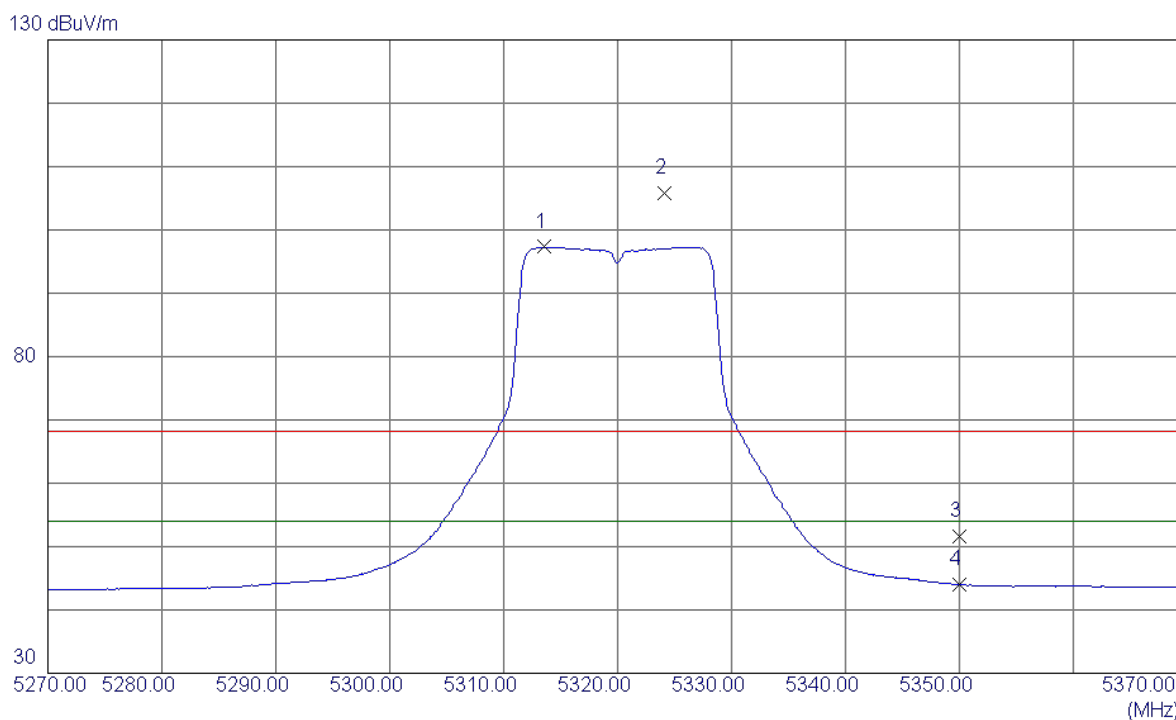
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10638.7800	38.26	11.04	49.30	68.30	-19.00	Peak	
2	10638.7800	29.12	11.04	40.16	54.00	-13.84	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX A Mode 5320MHz

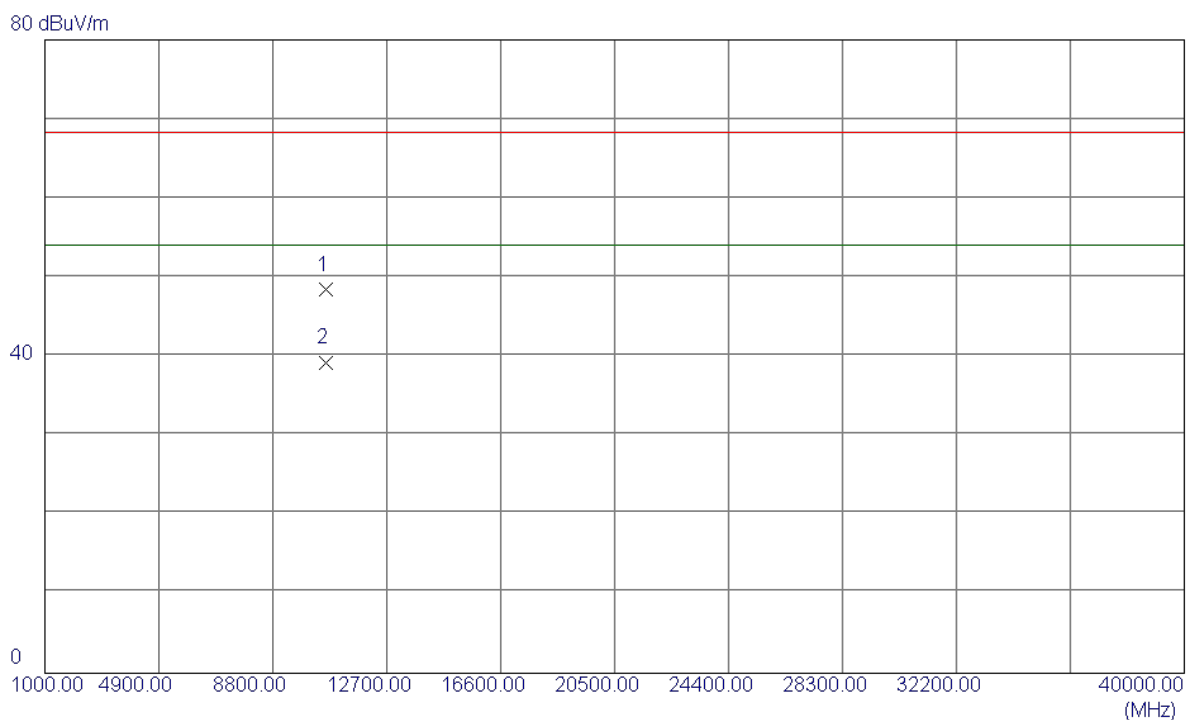
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5313.6000	55.36	41.94	97.30	54.00	43.30	AVG	No Limit
2	5324.1000	63.87	41.98	105.85	68.30	37.55	Peak	No Limit
3	5350.0000	9.50	42.06	51.56	68.30	-16.74	Peak	
4	5350.0000	1.91	42.06	43.97	54.00	-10.03	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX A Mode 5320MHz

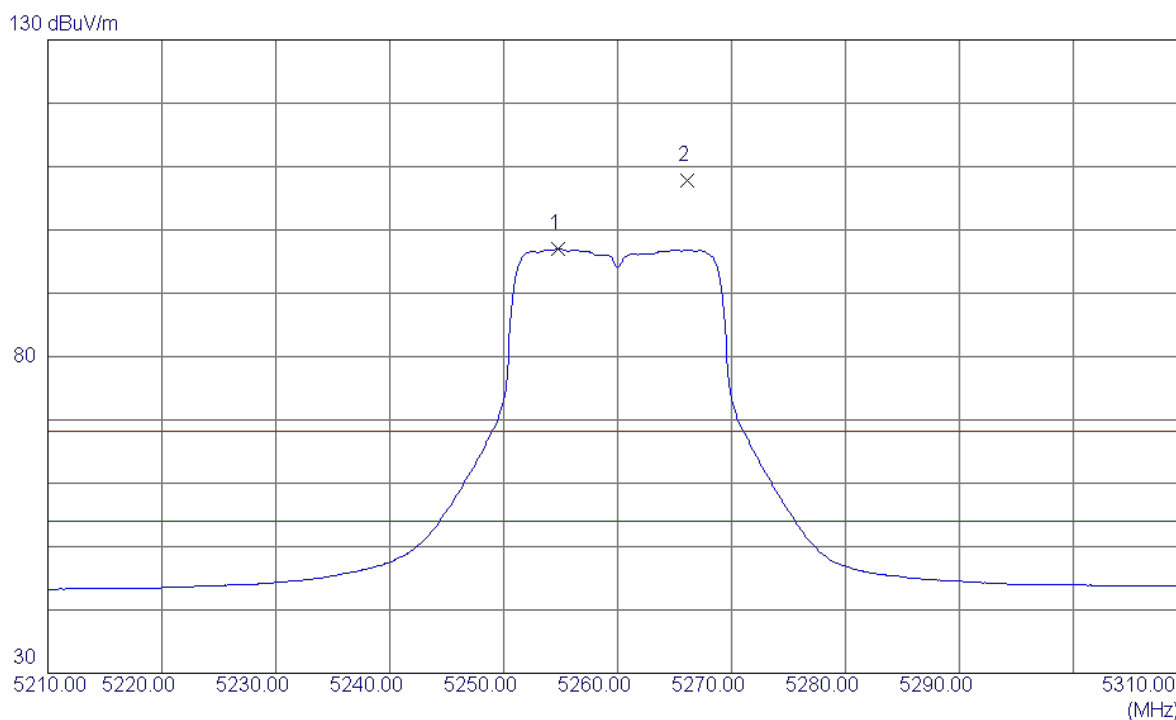
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10639.9500	37.36	11.04	48.40	68.30	-19.90	Peak	
2	10639.9500	28.23	11.04	39.27	54.00	-14.73	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N20 Mode 5260MHz

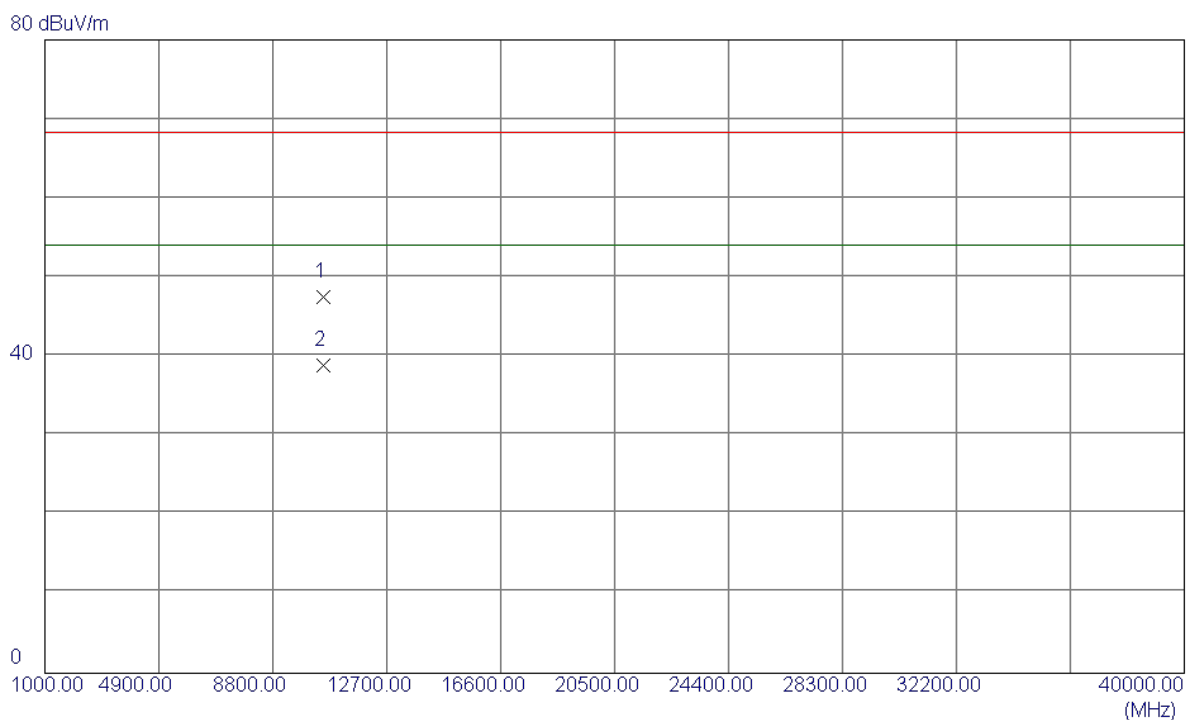
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5254.8000	55.21	41.75	96.96	54.00	42.96	AVG	No Limit
2	5266.1000	66.08	41.79	107.87	68.30	39.57	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N20 Mode 5260MHz

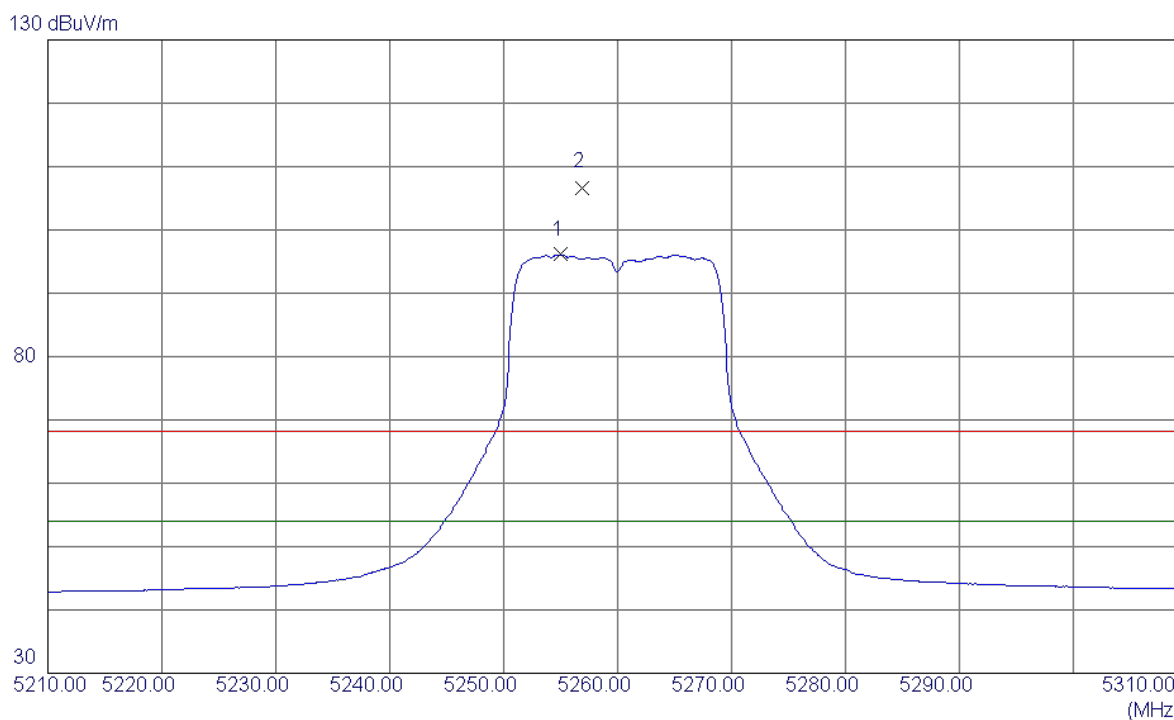
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10519.6500	36.63	10.93	47.56	68.30	-20.74	Peak	
2	10519.6500	27.95	10.93	38.88	54.00	-15.12	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N20 Mode 5260MHz

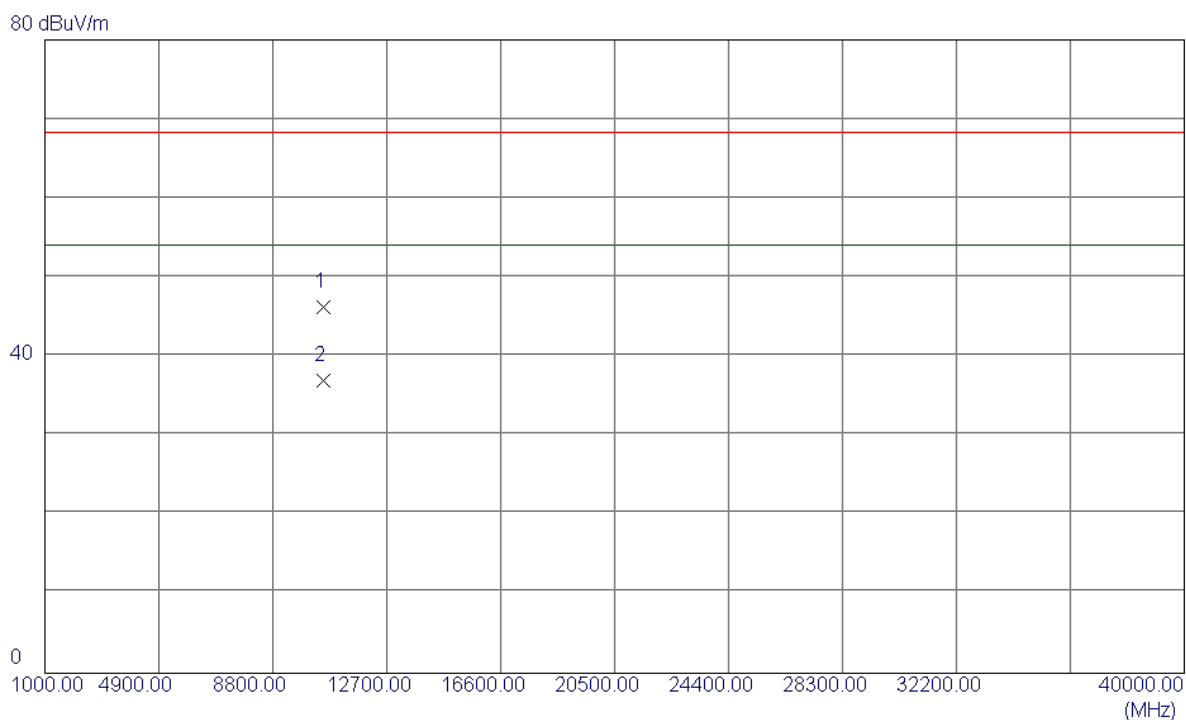
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5255.0000	54.35	41.75	96.10	54.00	42.10	AVG	No Limit
2	5256.9000	64.94	41.76	106.70	68.30	38.40	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N20 Mode 5260MHz

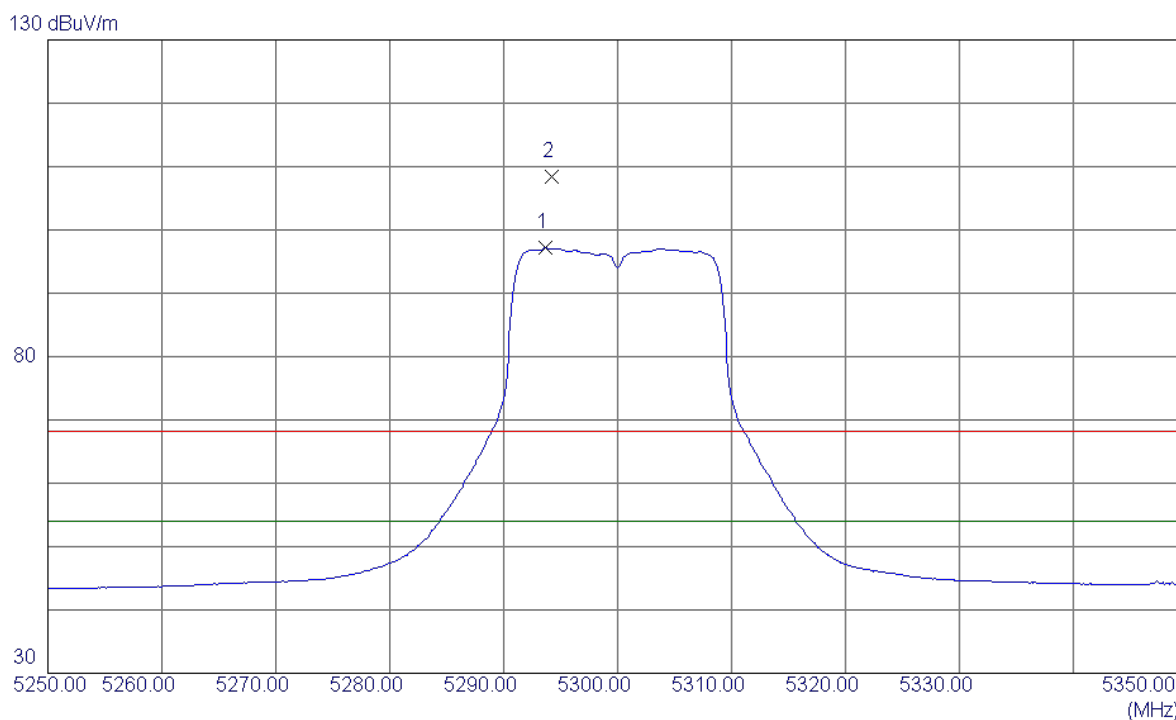
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10519.4300	35.33	10.93	46.26	68.30	-22.04	Peak	
2	10519.4300	26.01	10.93	36.94	54.00	-17.06	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N20 Mode 5300MHz

Vertical

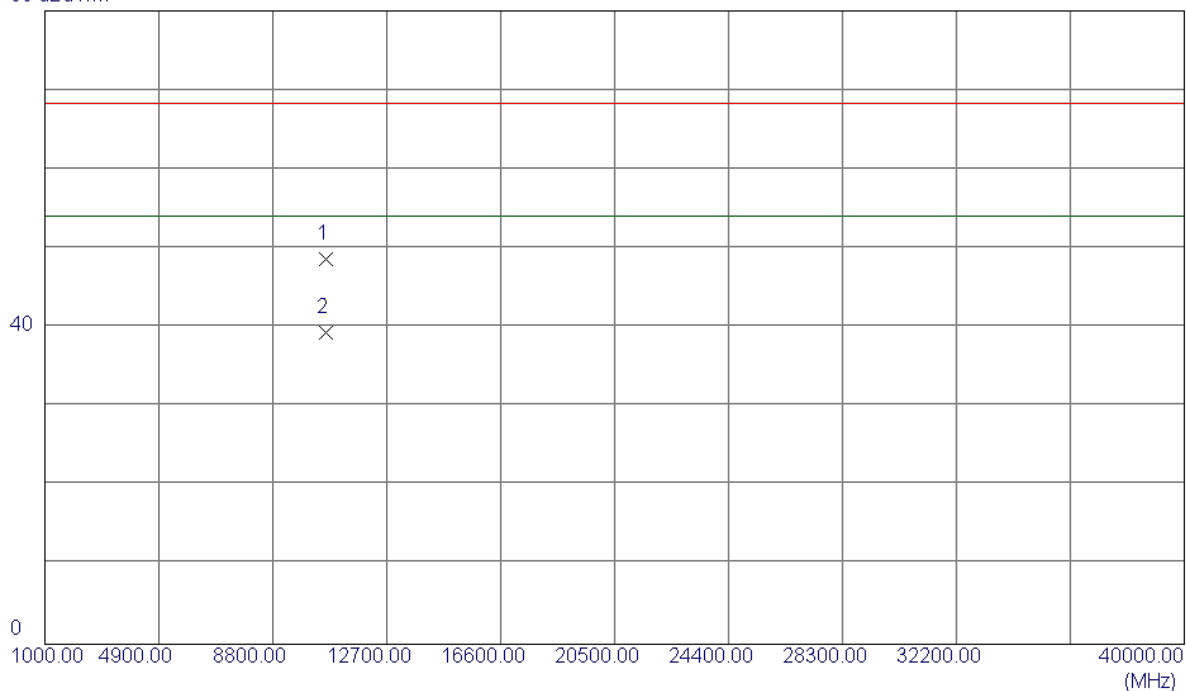


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5293.7000	55.28	41.88	97.16	54.00	43.16	AVG	No Limit
2	5294.2000	66.54	41.88	108.42	68.30	40.12	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N20 Mode 5300MHz

Vertical

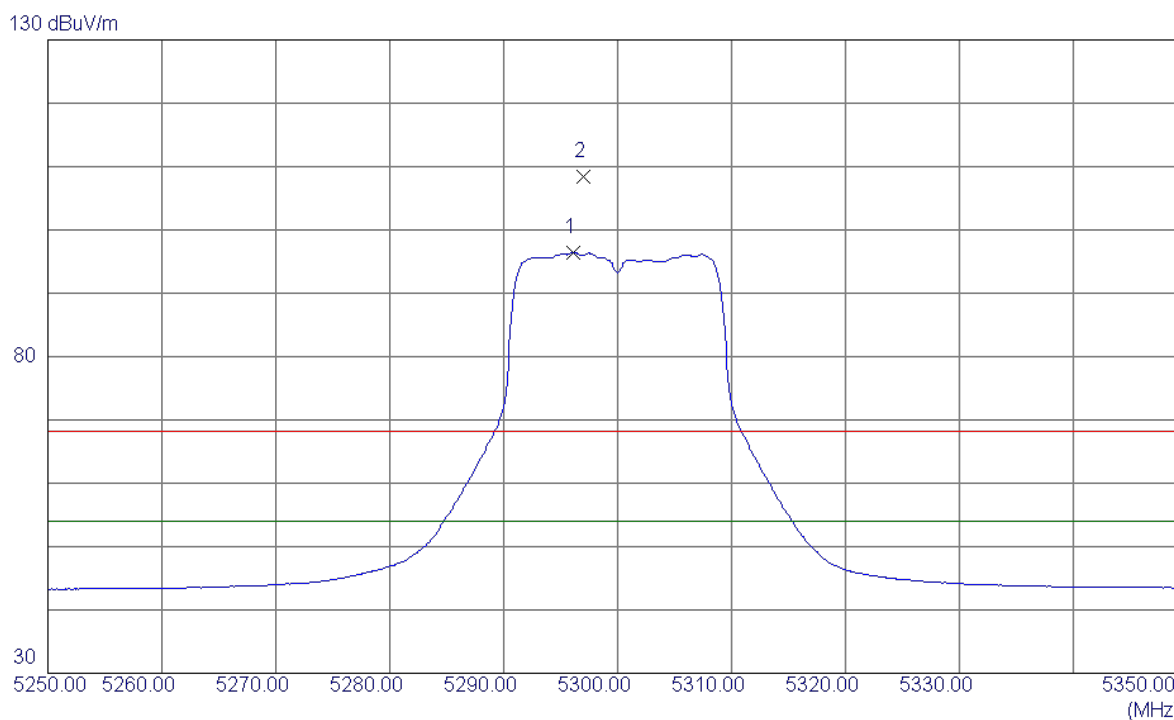
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10600.1500	37.65	11.00	48.65	68.30	-19.65	Peak	
2	10600.1500	28.34	11.00	39.34	54.00	-14.66	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N20 Mode 5300MHz

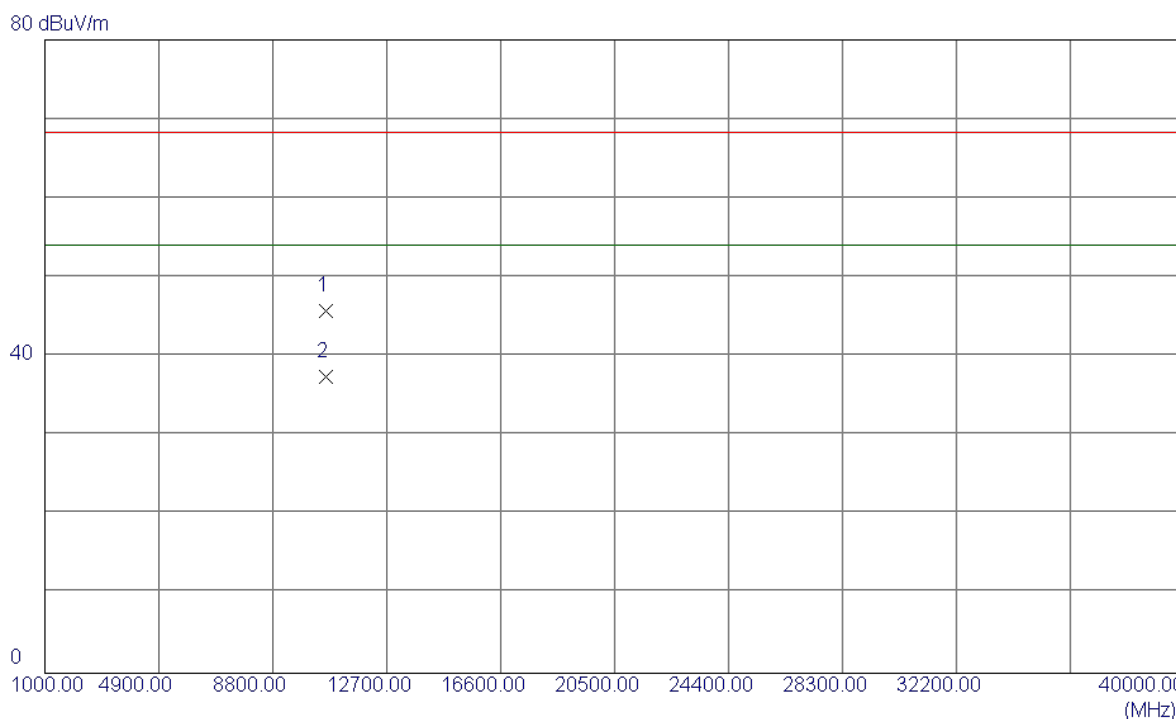
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5296.1000	54.59	41.89	96.48	54.00	42.48	AVG	No Limit
2	5297.0000	66.51	41.89	108.40	68.30	40.10	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N20 Mode 5300MHz

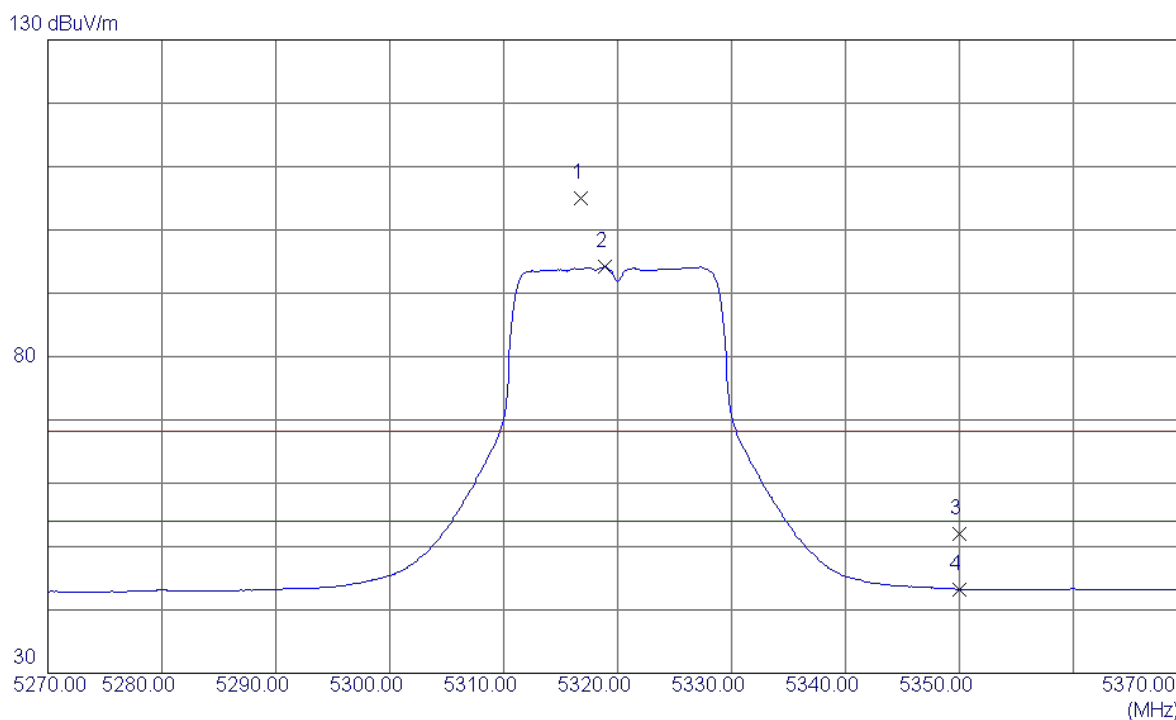
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10600.5800	34.79	11.00	45.79	68.30	-22.51	Peak	
2	10600.5800	26.41	11.00	37.41	54.00	-16.59	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N20 Mode 5320MHz

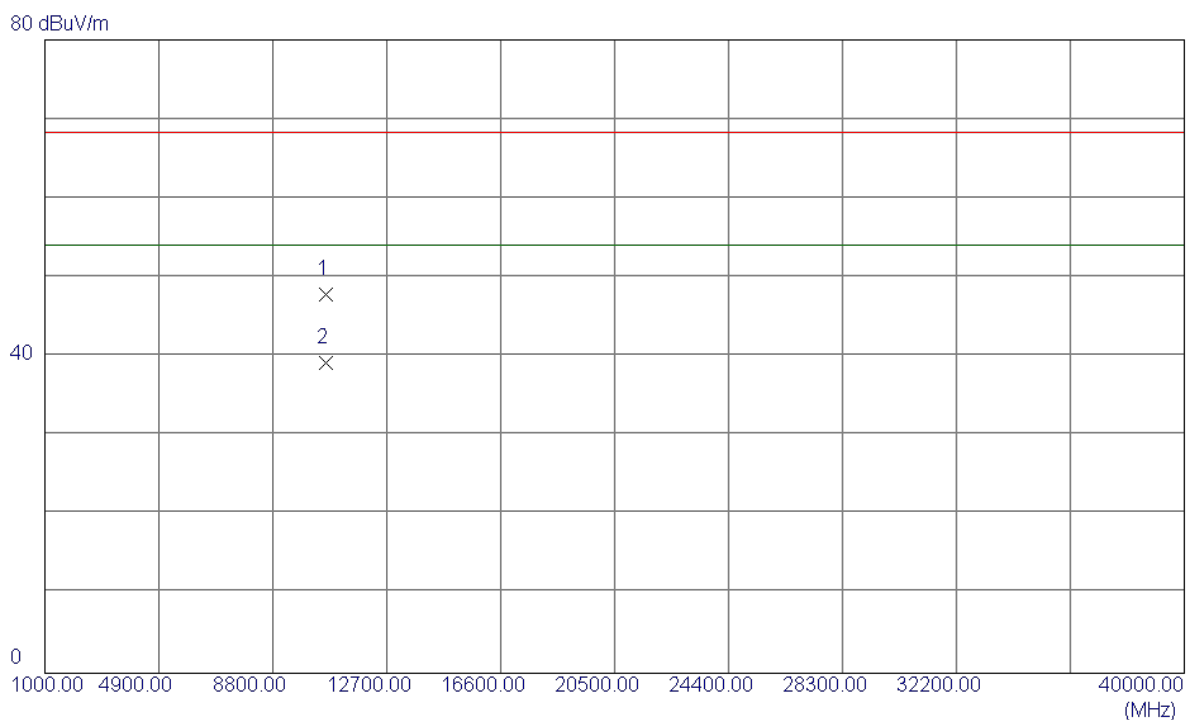
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5316.8000	63.09	41.96	105.05	68.30	36.75	Peak	No Limit
2	5318.9000	52.18	41.96	94.14	54.00	40.14	AVG	No Limit
3	5350.0000	9.94	42.06	52.00	68.30	-16.30	Peak	
4	5350.0000	1.21	42.06	43.27	54.00	-10.73	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N20 Mode 5320MHz

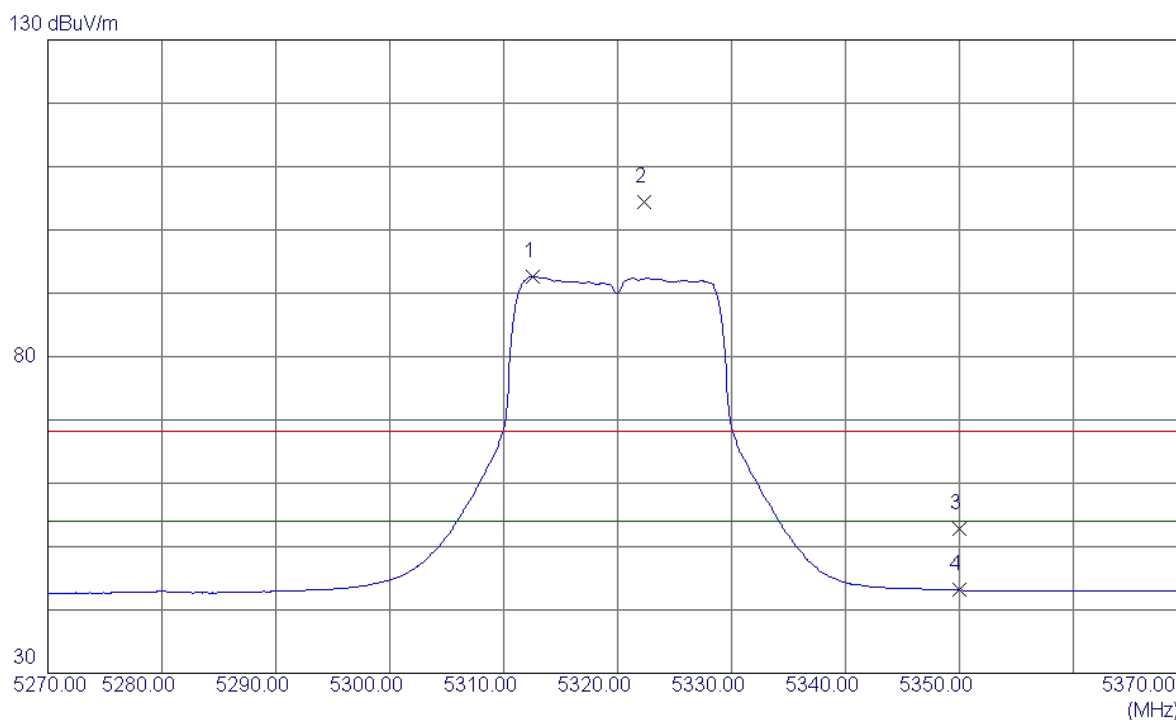
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10639.8099	36.78	11.04	47.82	68.30	-20.48	Peak	
2	10639.8099	28.15	11.04	39.19	54.00	-14.81	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N20 Mode 5320MHz

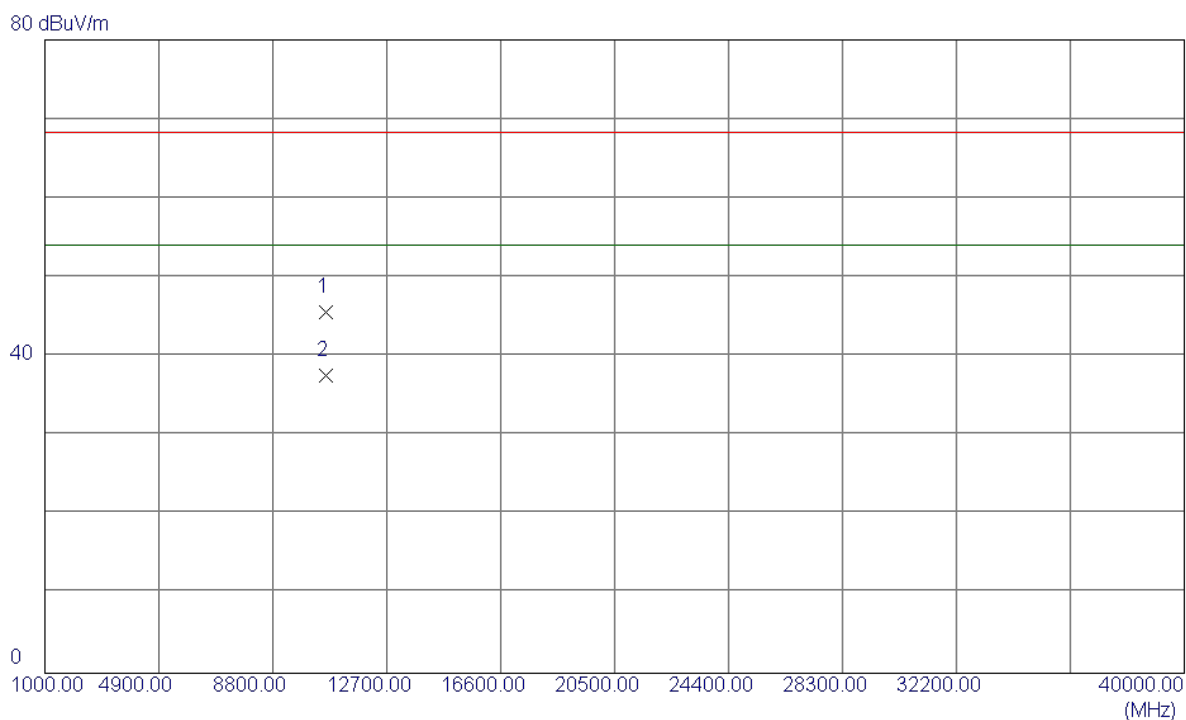
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5312.6000	50.75	41.94	92.69	54.00	38.69	AVG	No Limit
2	5322.3000	62.39	41.97	104.36	68.30	36.06	Peak	No Limit
3	5350.0000	10.73	42.06	52.79	68.30	-15.51	Peak	
4	5350.0000	1.08	42.06	43.14	54.00	-10.86	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N20 Mode 5320MHz

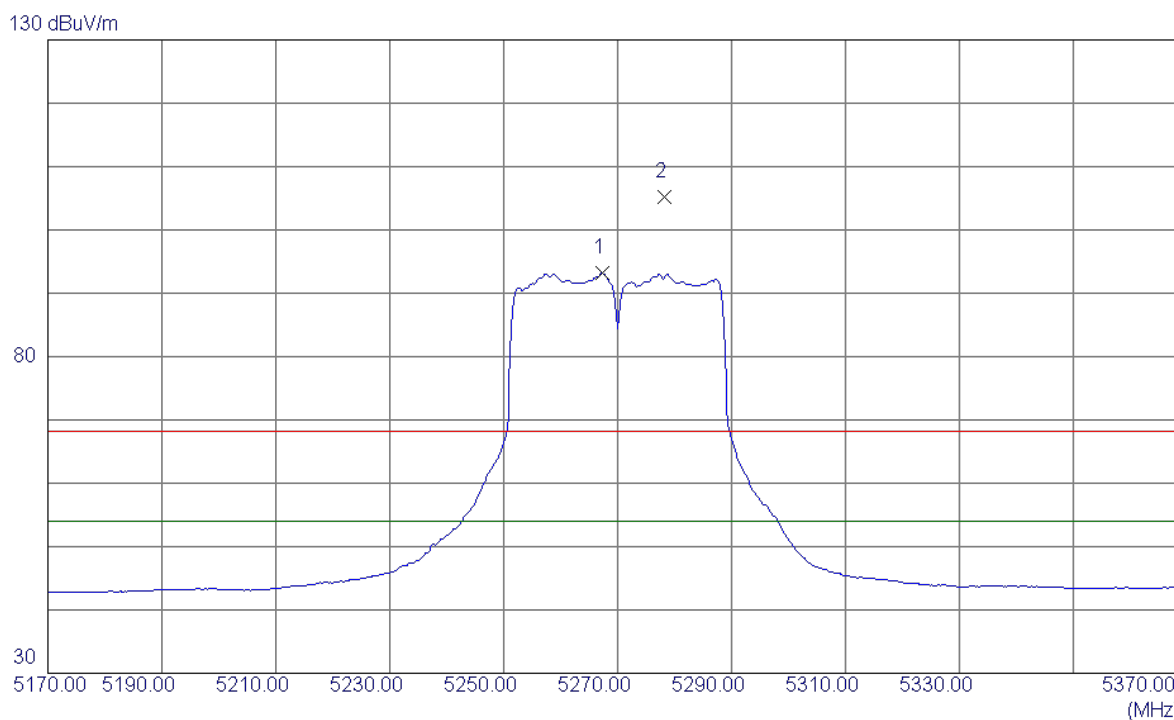
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10639.8099	34.53	11.04	45.57	68.30	-22.73	Peak	
2	10639.8099	26.52	11.04	37.56	54.00	-16.44	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N40 Mode 5270MHz

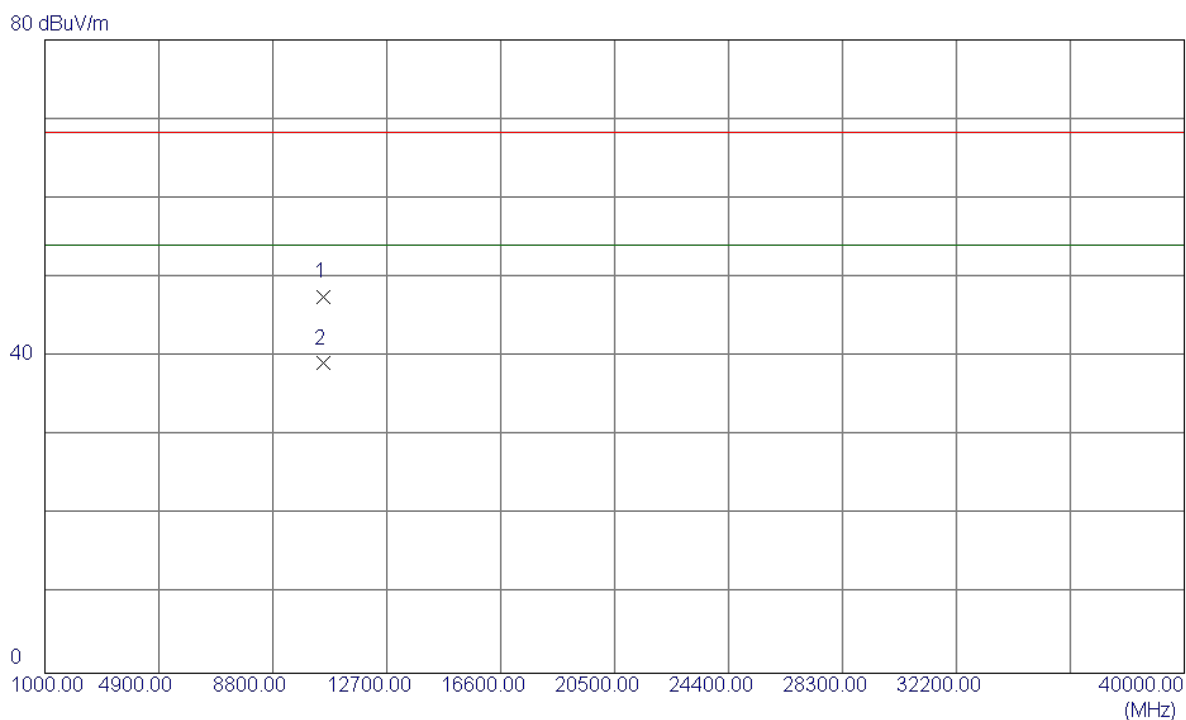
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5267.4000	51.36	41.79	93.15	54.00	39.15	AVG	No Limit
2	5278.2000	63.36	41.83	105.19	68.30	36.89	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N40 Mode 5270MHz

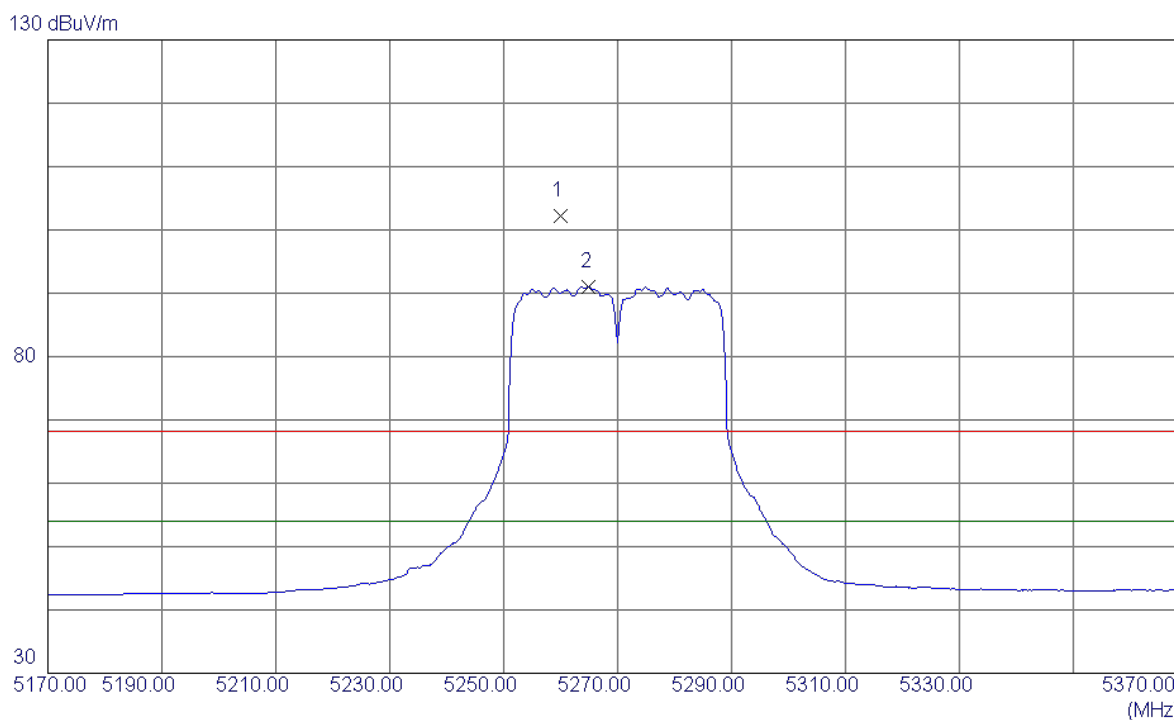
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10540.2800	36.56	10.95	47.51	68.30	-20.79	Peak	
2	10540.2800	28.17	10.95	39.12	54.00	-14.88	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N40 Mode 5270MHz

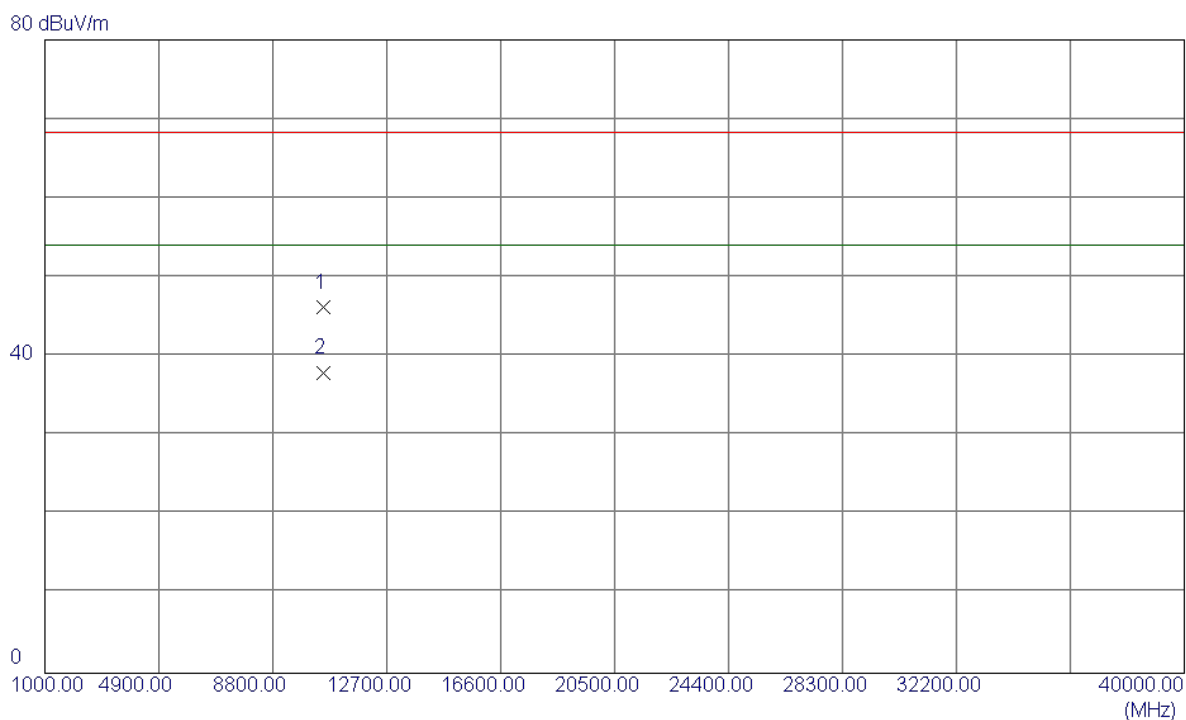
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5260.0000	60.50	41.77	102.27	68.30	33.97	Peak	No Limit
2	5265.0000	49.30	41.78	91.08	54.00	37.08	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N40 Mode 5270MHz

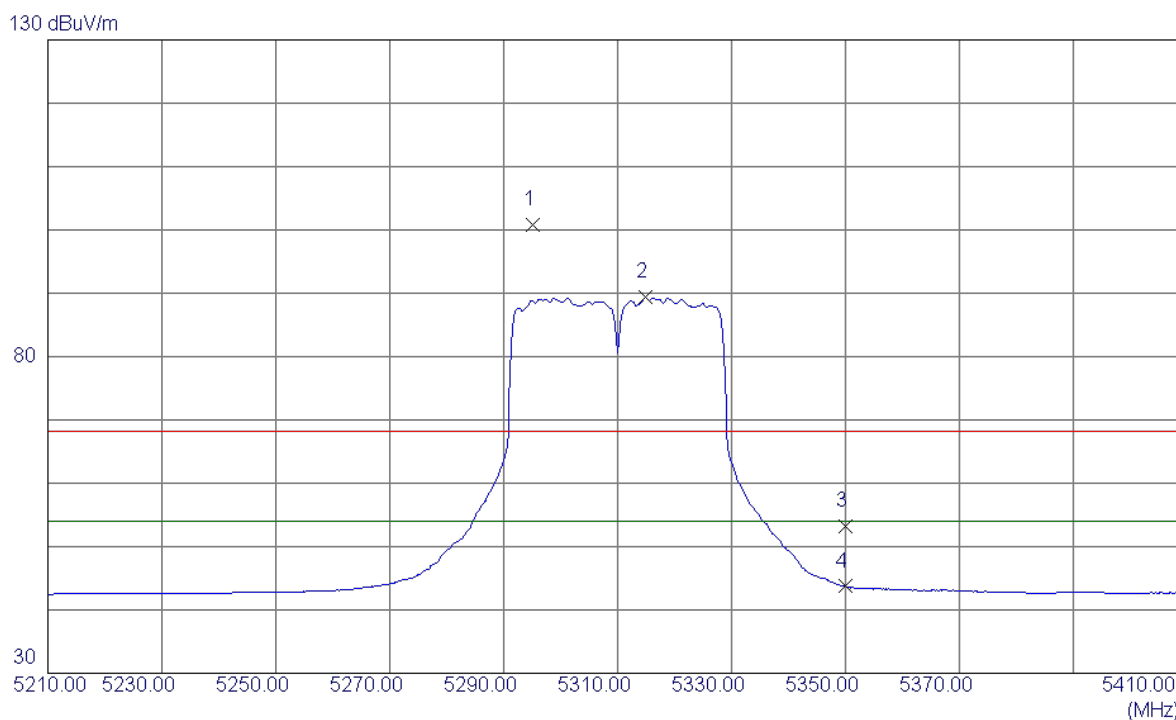
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10539.0500	35.21	10.95	46.16	68.30	-22.14	Peak	
2	10539.0500	26.92	10.95	37.87	54.00	-16.13	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N40 Mode 5310MHz

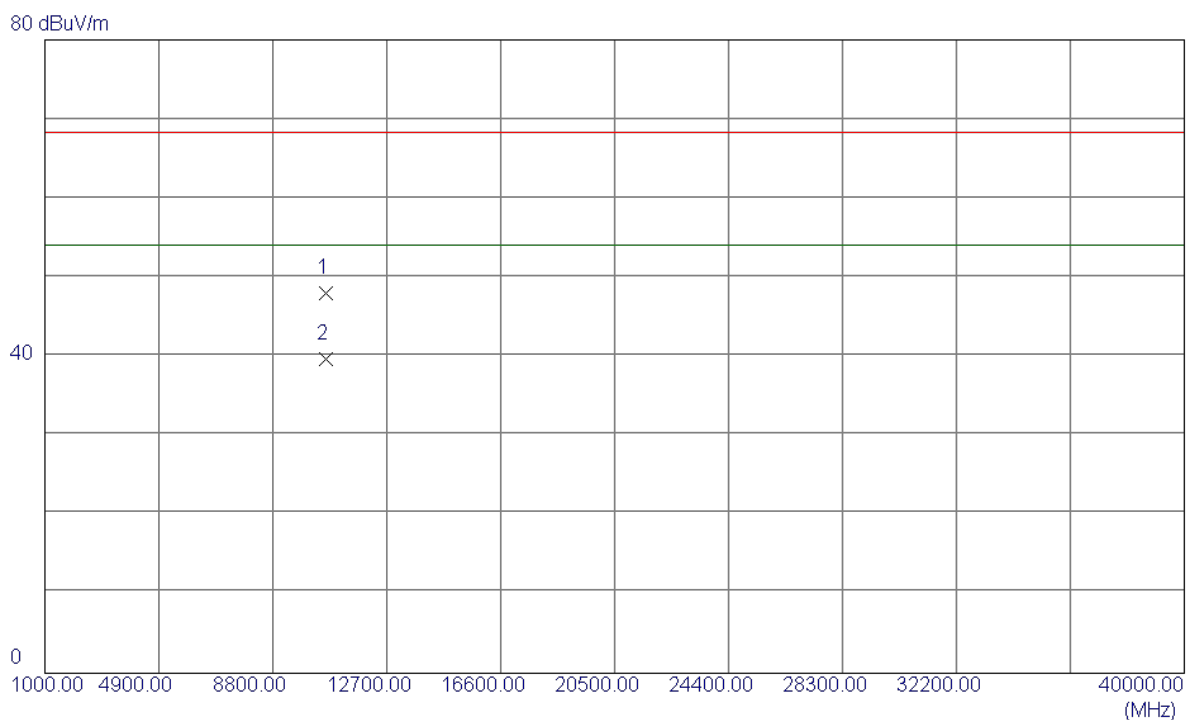
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5295.2000	58.93	41.88	100.81	68.30	32.51	Peak	No Limit
2	5314.8000	47.38	41.95	89.33	54.00	35.33	AVG	No Limit
3	5350.0000	11.21	42.06	53.27	68.30	-15.03	Peak	
4	5350.0000	1.64	42.06	43.70	54.00	-10.30	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N40 Mode 5310MHz

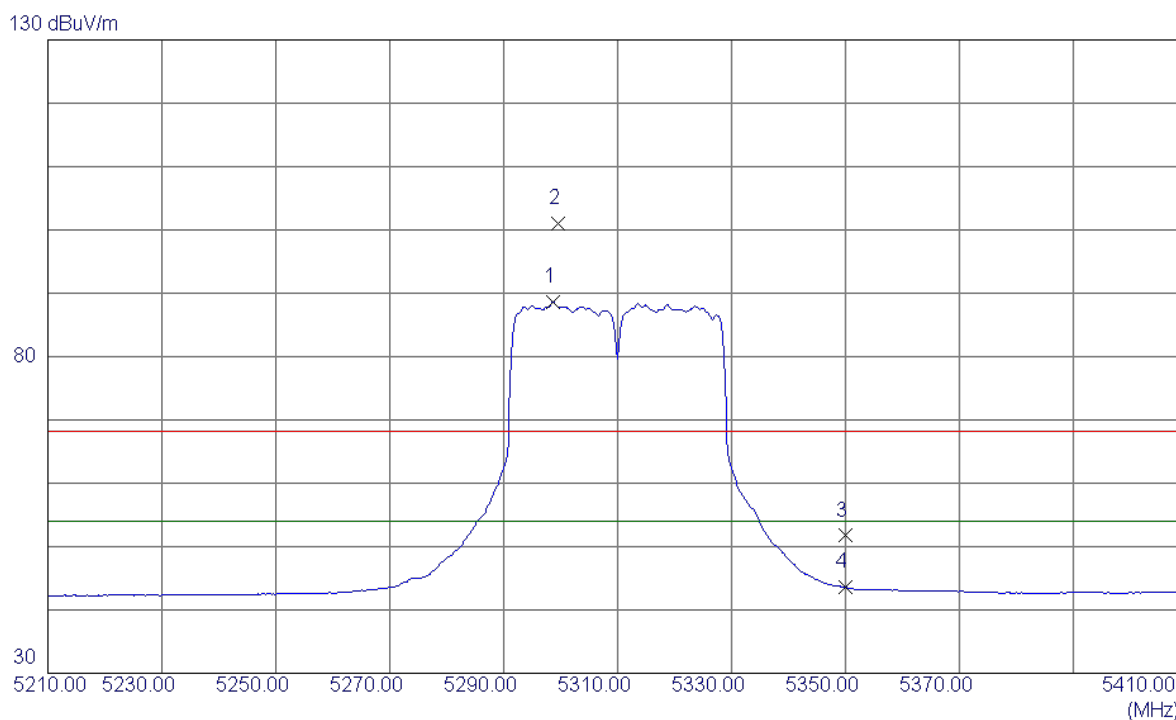
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10619.7800	36.96	11.02	47.98	68.30	-20.32	Peak	
2	10619.7800	28.67	11.02	39.69	54.00	-14.31	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N40 Mode 5310MHz

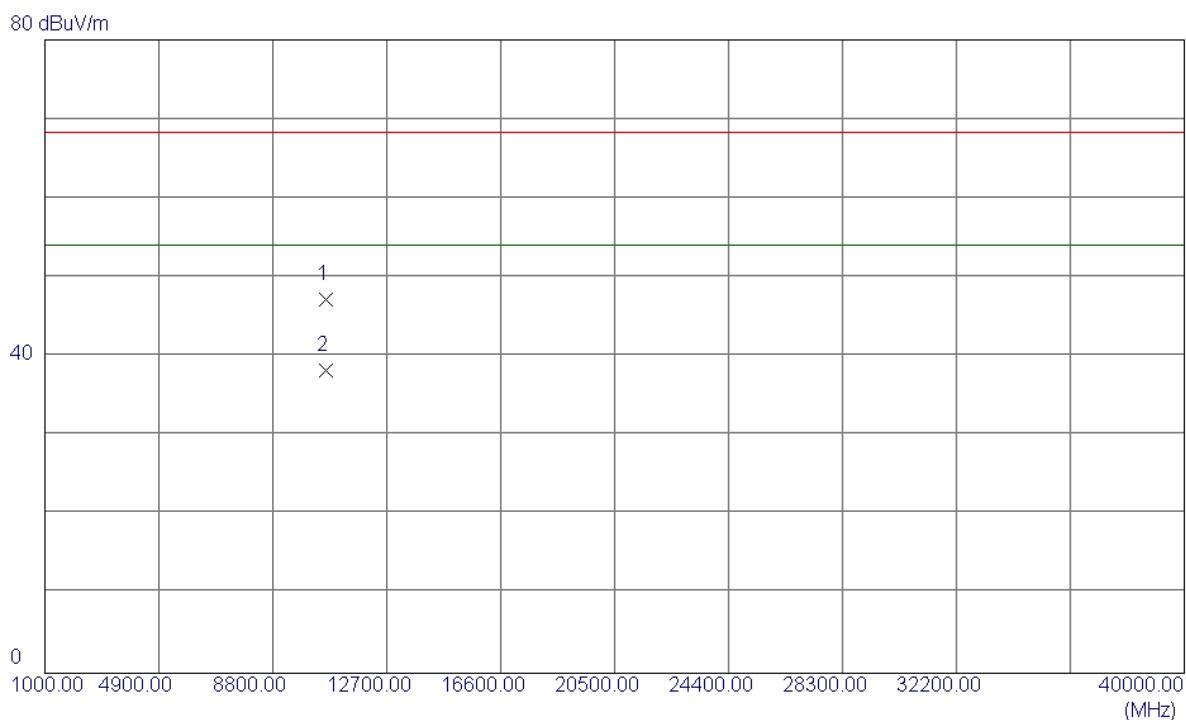
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5298.6000	46.77	41.90	88.67	54.00	34.67	AVG	No Limit
2	5299.6000	59.01	41.90	100.91	68.30	32.61	Peak	No Limit
3	5350.0000	9.64	42.06	51.70	68.30	-16.60	Peak	
4	5350.0000	1.49	42.06	43.55	54.00	-10.45	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N40 Mode 5310MHz

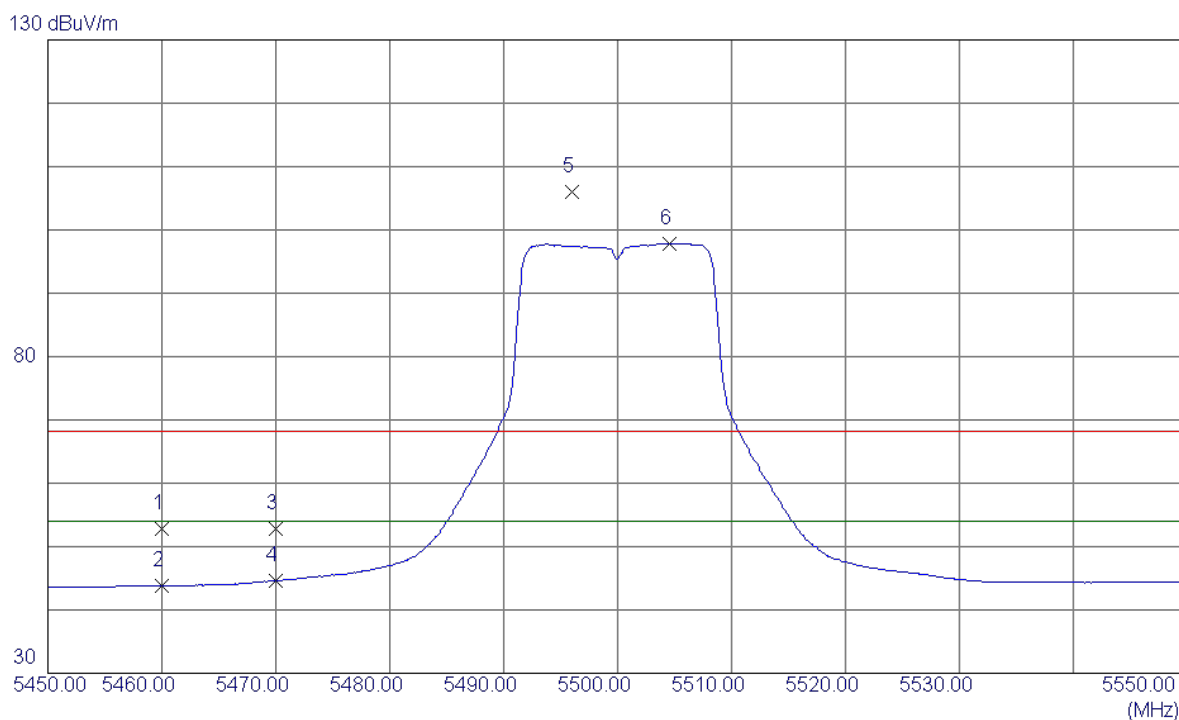
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10619.3600	36.19	11.02	47.21	68.30	-21.09	Peak	
2	10619.3600	27.17	11.02	38.19	54.00	-15.81	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX A Mode 5500MHz

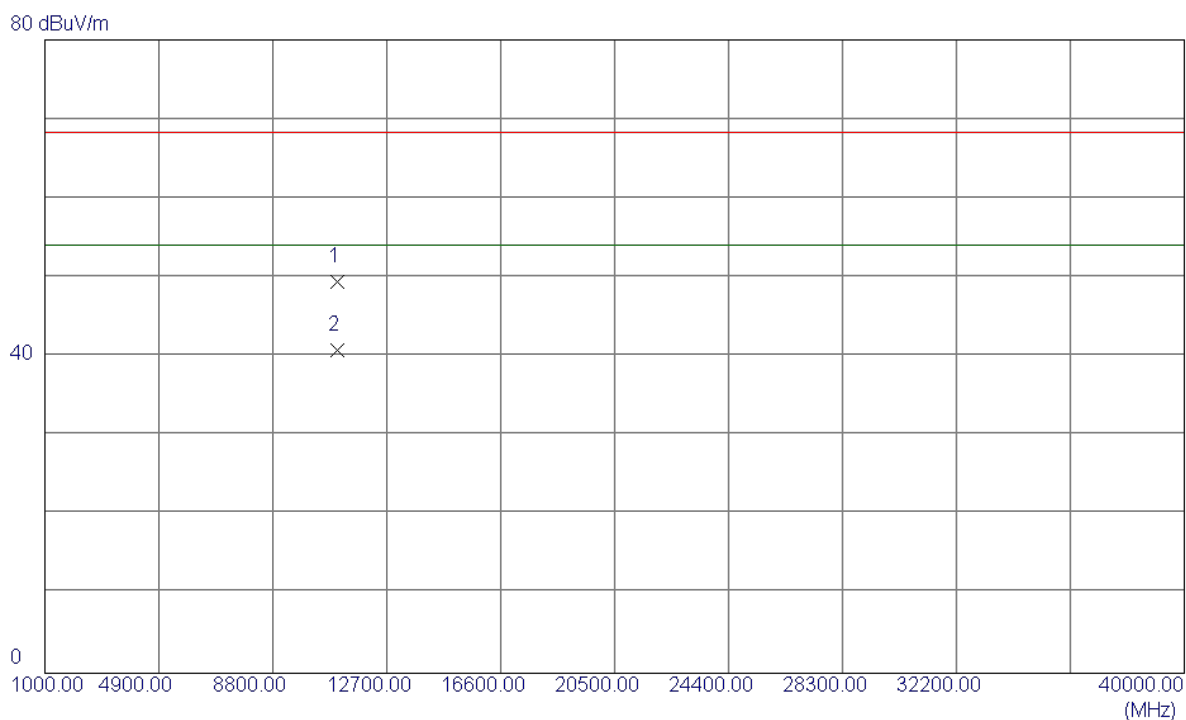
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5460.0000	10.36	42.43	52.79	68.30	-15.51	Peak	
2	5460.0000	1.43	42.43	43.86	54.00	-10.14	AVG	
3	5470.0000	10.29	42.46	52.75	68.30	-15.55	Peak	
4	5470.0000	2.17	42.46	44.63	54.00	-9.37	AVG	
5	5496.0000	63.42	42.55	105.97	68.30	37.67	Peak	No Limit
6	5504.6000	55.31	42.57	97.88	54.00	43.88	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX A Mode 5500MHz

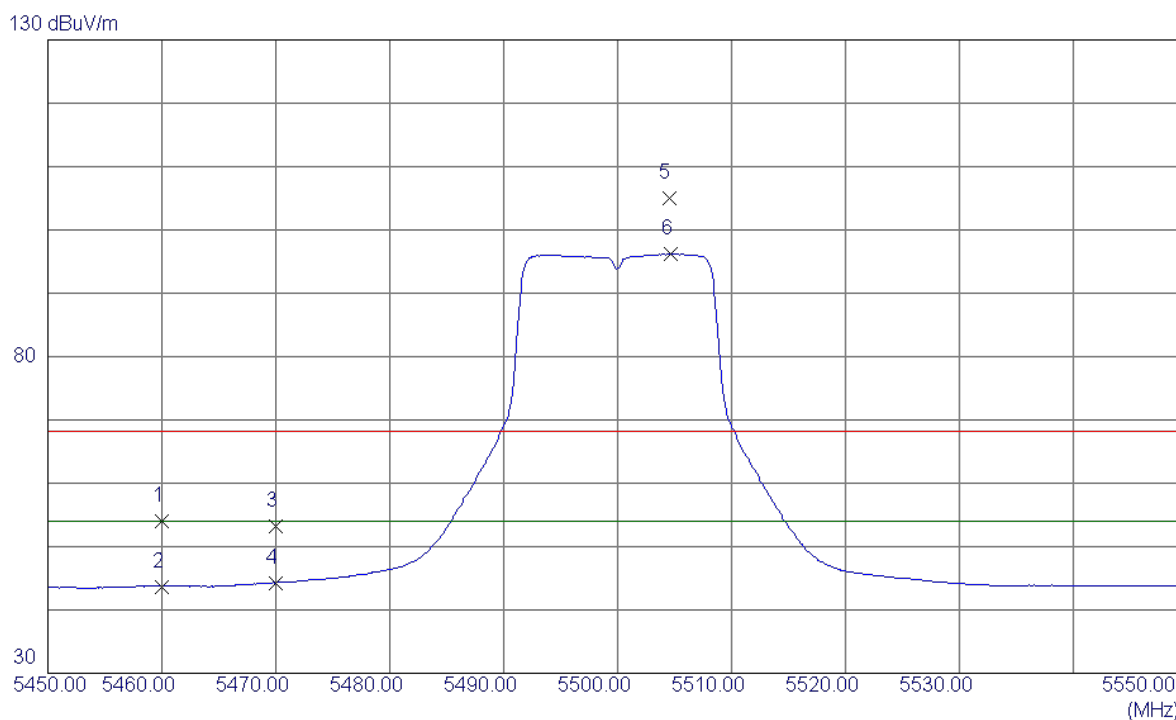
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11000.8500	38.02	11.38	49.40	68.30	-18.90	Peak	
2	11000.8500	29.45	11.38	40.83	54.00	-13.17	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX A Mode 5500MHz

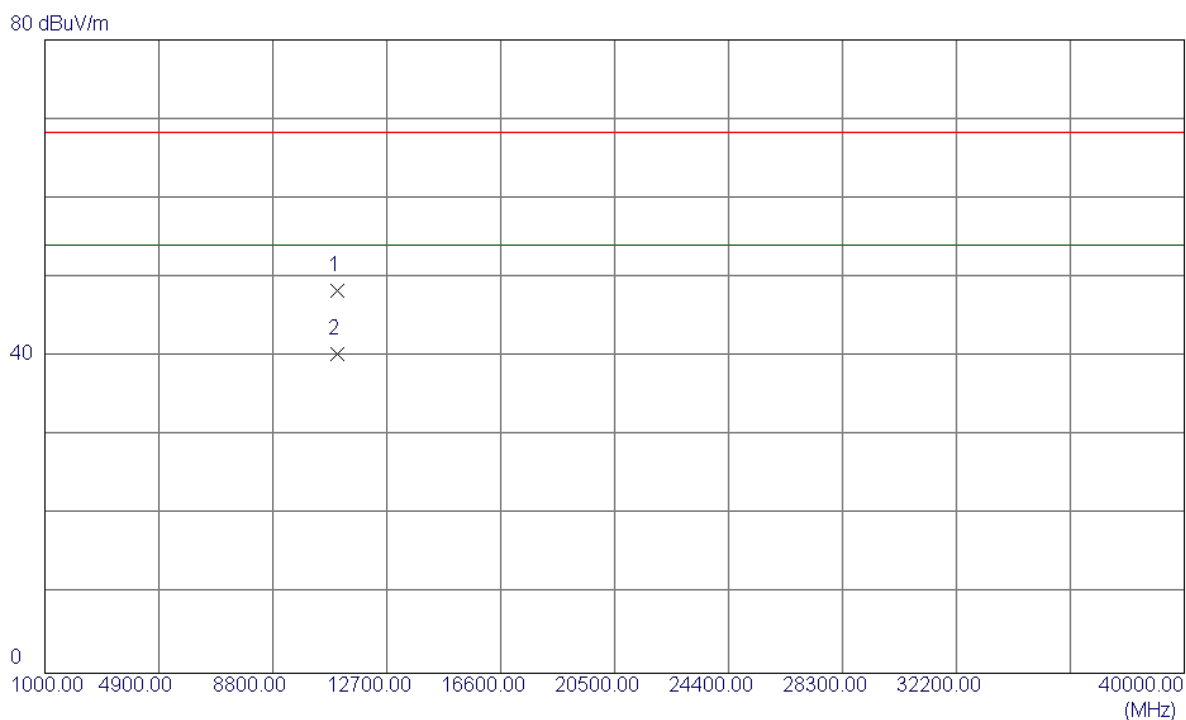
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5460.0000	11.48	42.43	53.91	68.30	-14.39	Peak	
2	5460.0000	1.26	42.43	43.69	54.00	-10.31	AVG	
3	5470.0000	10.66	42.46	53.12	68.30	-15.18	Peak	
4	5470.0000	1.81	42.46	44.27	54.00	-9.73	AVG	
5	5504.5000	62.35	42.57	104.92	68.30	36.62	Peak	No Limit
6	5504.7000	53.62	42.57	96.19	54.00	42.19	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX A Mode 5500MHz

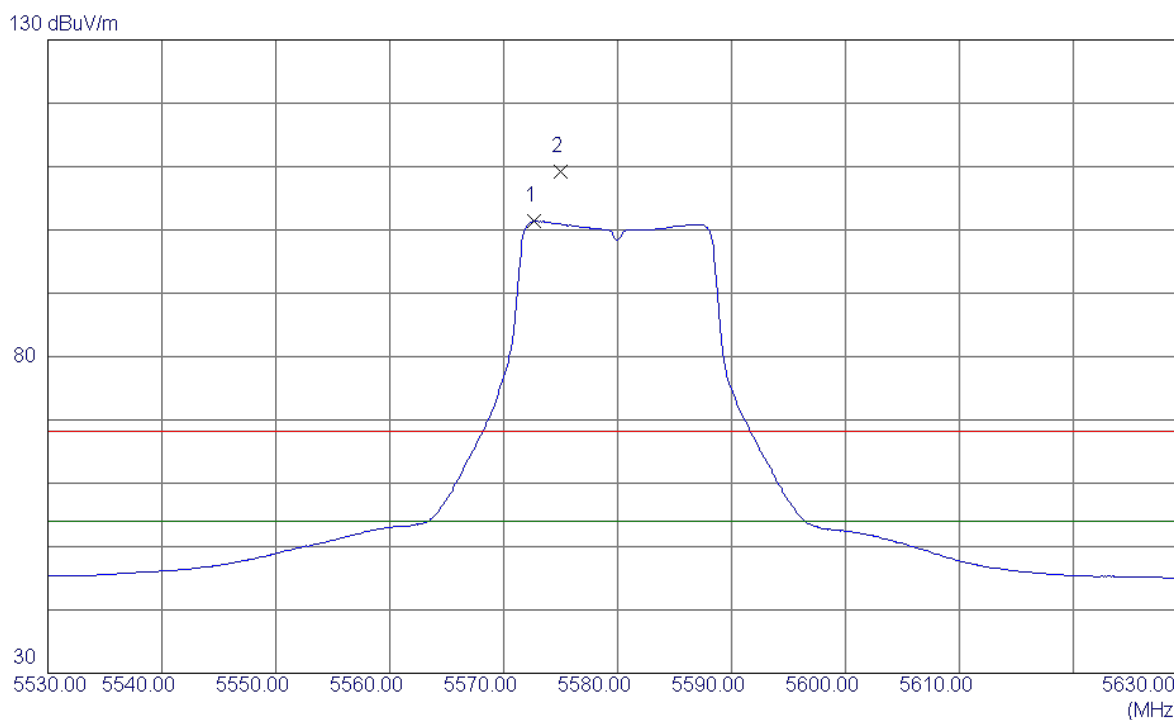
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11001.2300	36.87	11.38	48.25	68.30	-20.05	Peak	
2	11001.2300	28.98	11.38	40.36	54.00	-13.64	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX A Mode 5580MHz

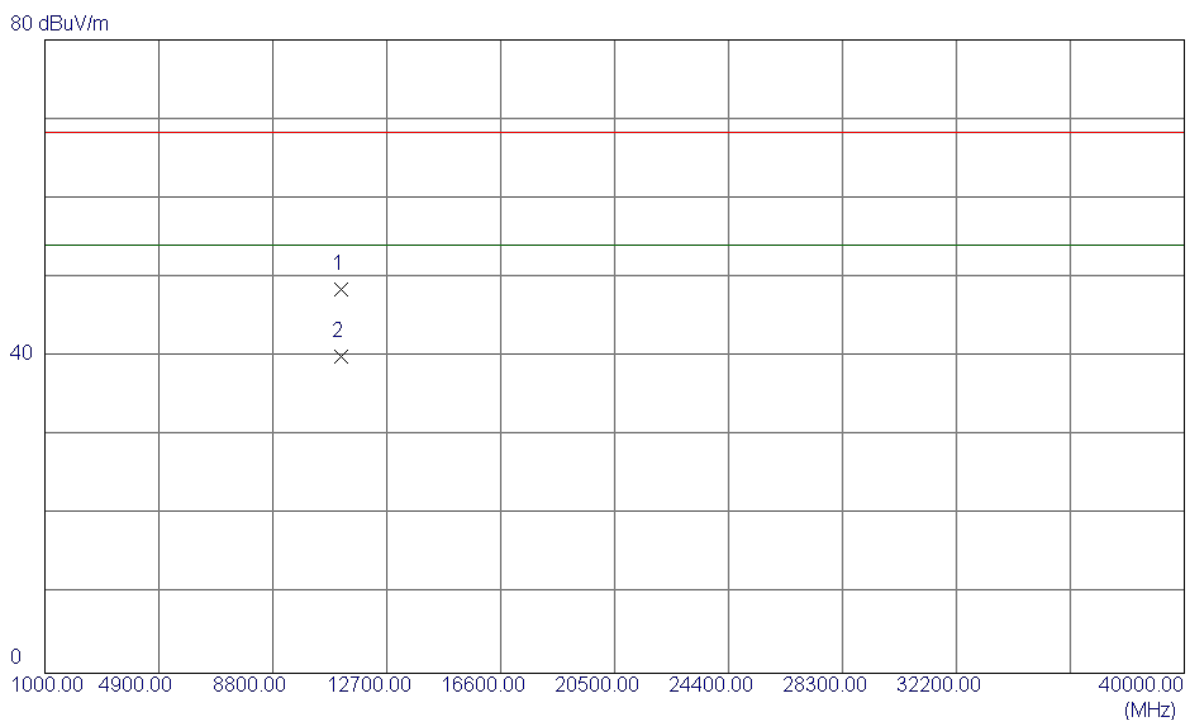
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5572.7000	58.64	42.72	101.36	54.00	47.36	AVG	No Limit
2	5575.0000	66.53	42.73	109.26	68.30	40.96	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX A Mode 5580MHz

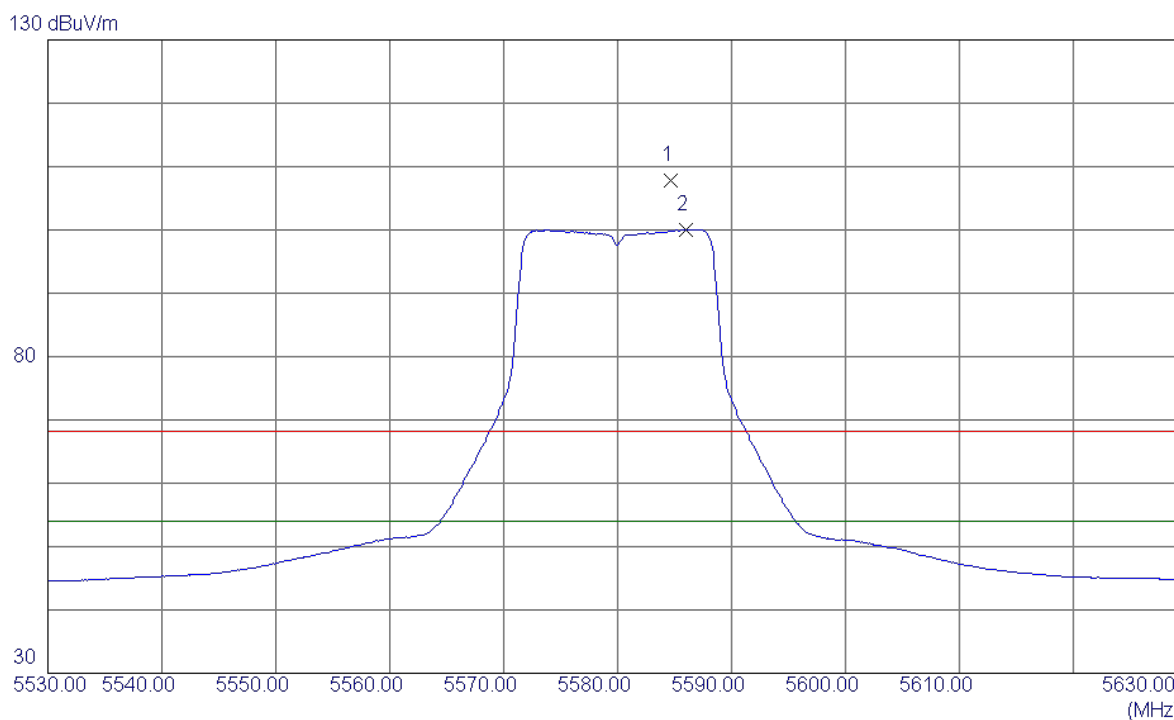
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11159.8000	36.67	11.88	48.55	68.30	-19.75	Peak	
2	11159.8000	28.14	11.88	40.02	54.00	-13.98	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX A Mode 5580MHz

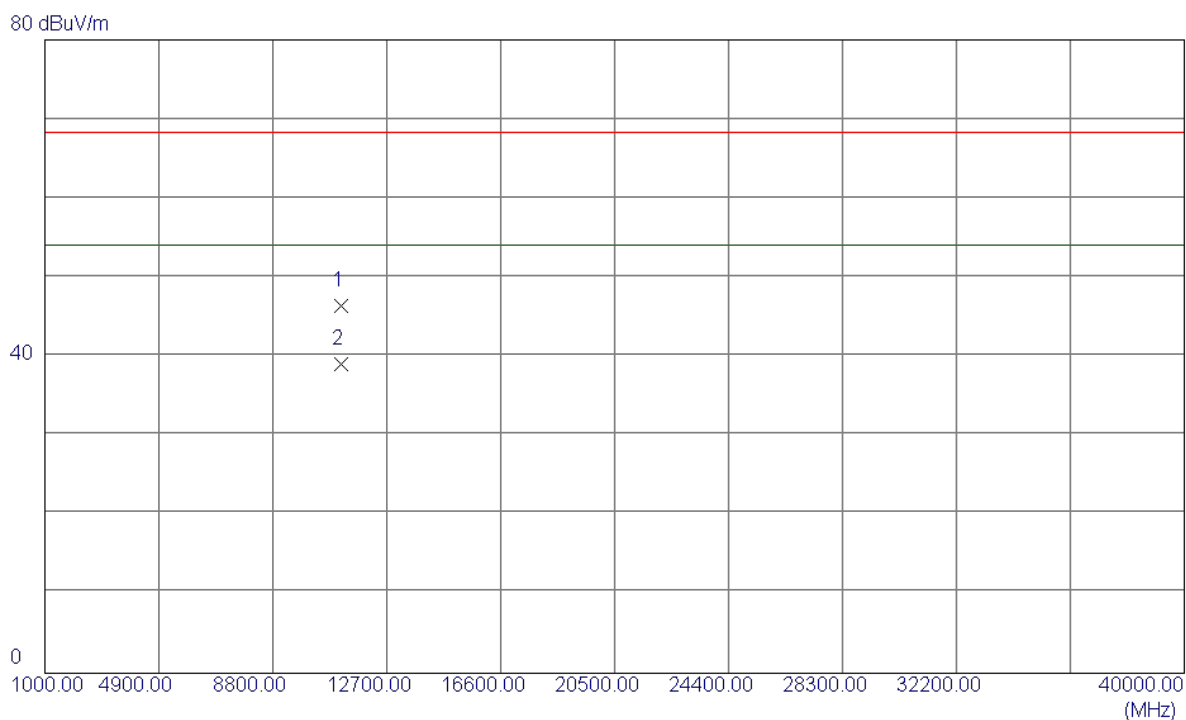
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5584.7000	65.01	42.75	107.76	68.30	39.46	Peak	No Limit
2	5586.0000	57.26	42.75	100.01	54.00	46.01	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX A Mode 5580MHz

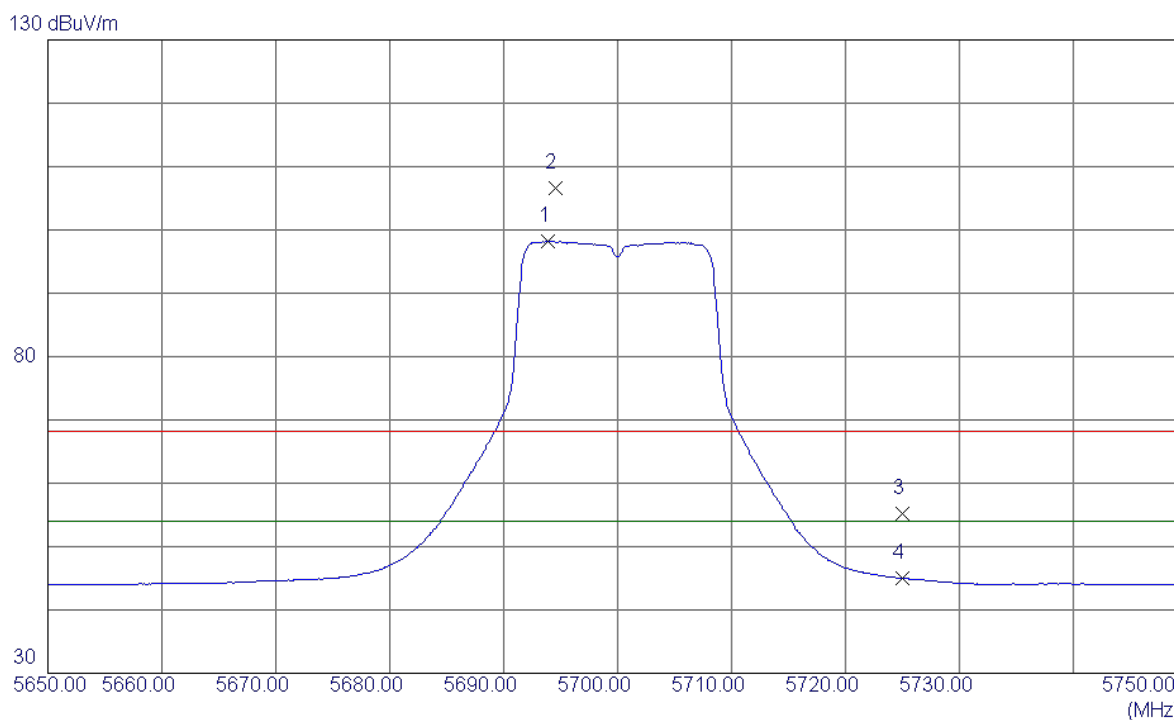
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11160.1500	34.59	11.88	46.47	68.30	-21.83	Peak	
2	11160.1500	27.20	11.88	39.08	54.00	-14.92	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX A Mode 5700MHz

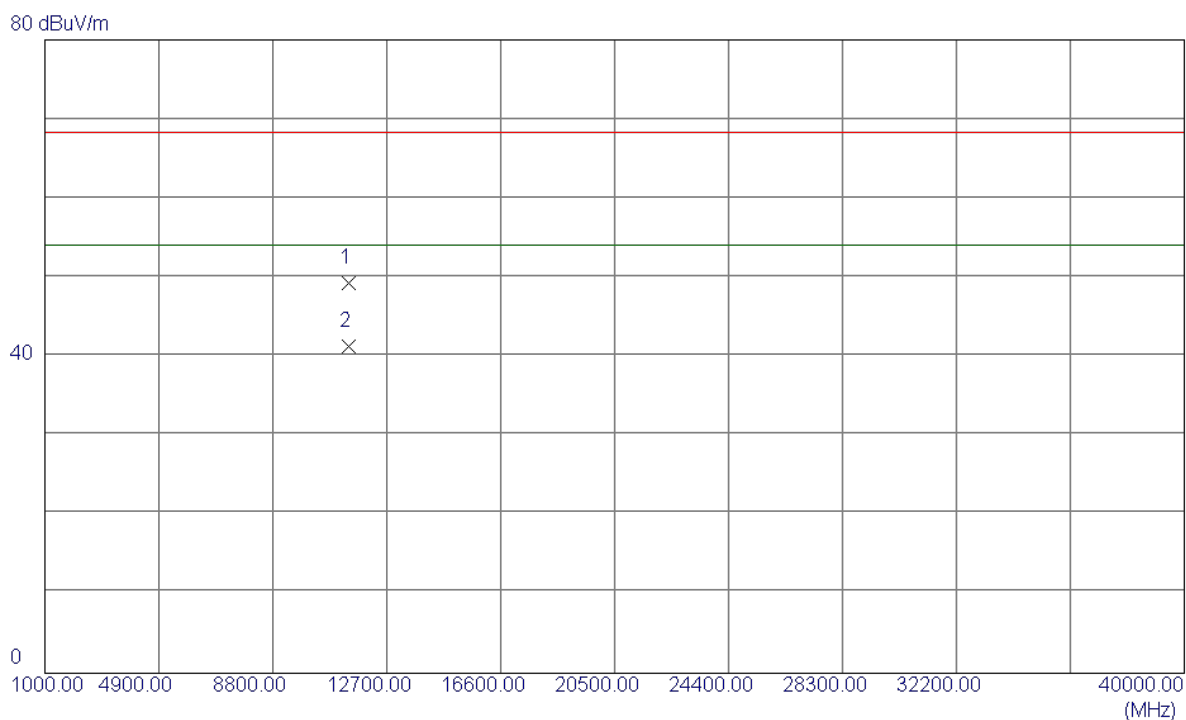
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5693.9000	55.19	42.99	98.18	54.00	44.18	AVG	No Limit
2	5694.5000	63.63	42.99	106.62	68.30	38.32	Peak	No Limit
3	5725.0000	12.07	43.06	55.13	68.30	-13.17	Peak	
4	5725.0000	1.94	43.06	45.00	54.00	-9.00	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX A Mode 5700MHz

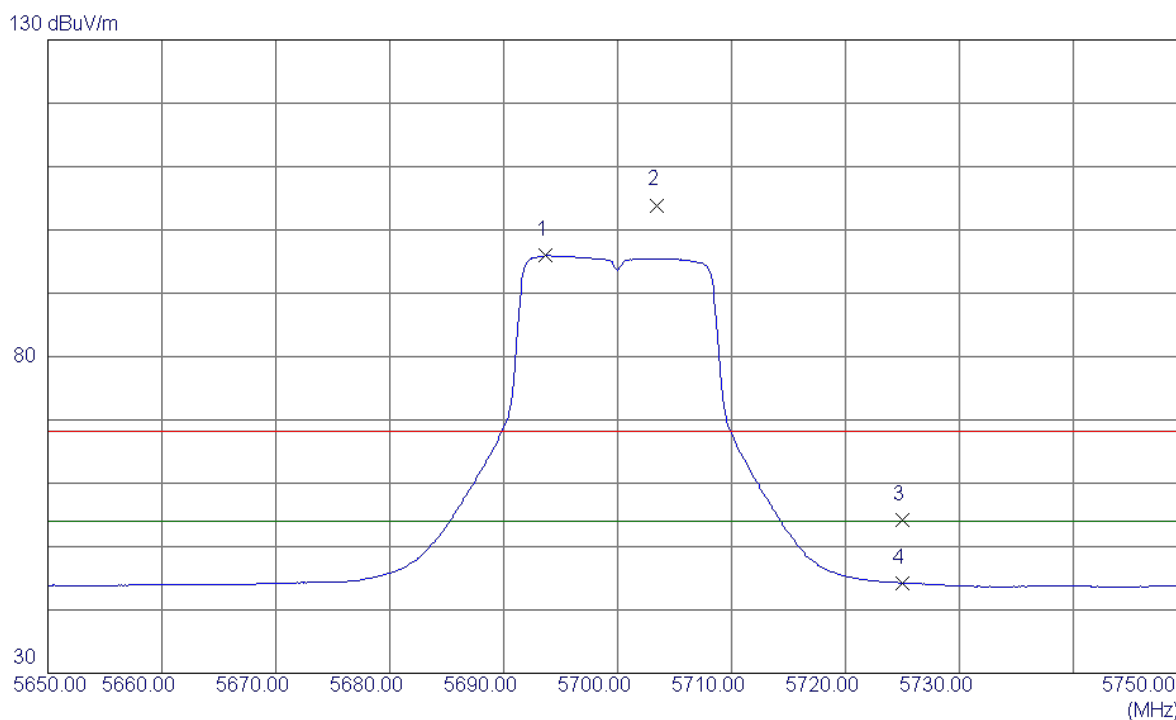
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11401.5400	36.64	12.63	49.27	68.30	-19.03	Peak	
2	11401.5400	28.69	12.63	41.32	54.00	-12.68	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX A Mode 5700MHz

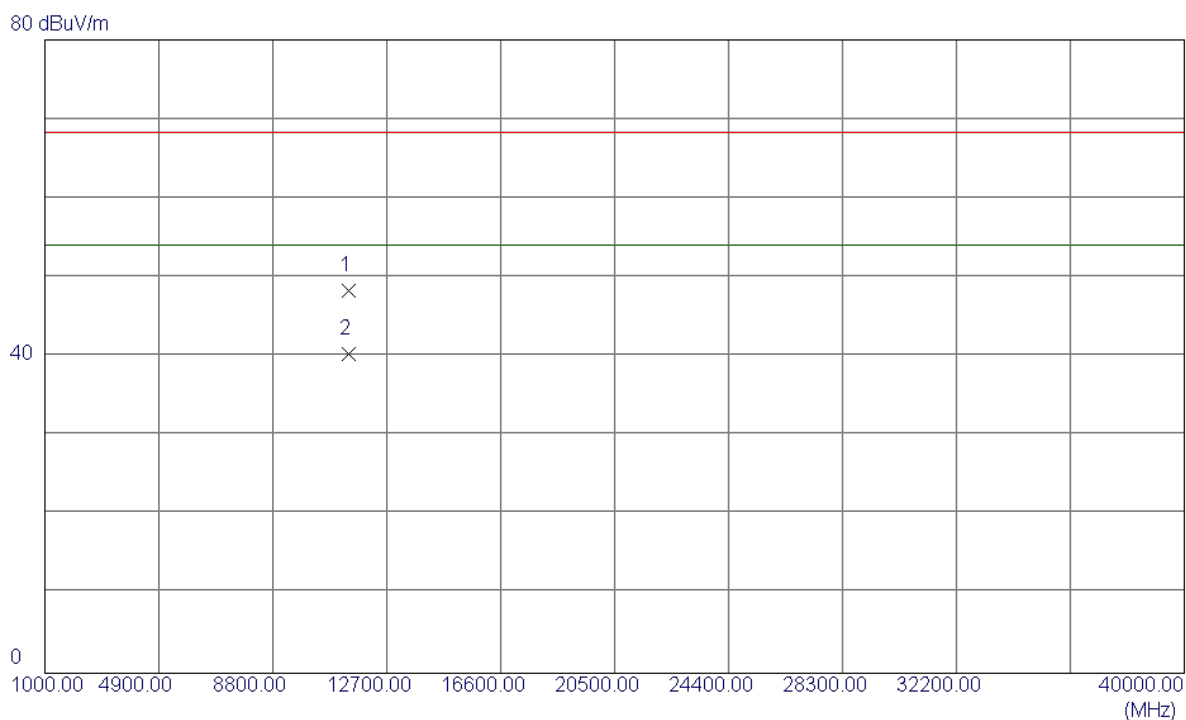
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5693.7000	52.93	42.99	95.92	54.00	41.92	AVG	No Limit
2	5703.4000	60.89	43.01	103.90	68.30	35.60	Peak	No Limit
3	5725.0000	11.13	43.06	54.19	68.30	-14.11	Peak	
4	5725.0000	1.17	43.06	44.23	54.00	-9.77	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX A Mode 5700MHz

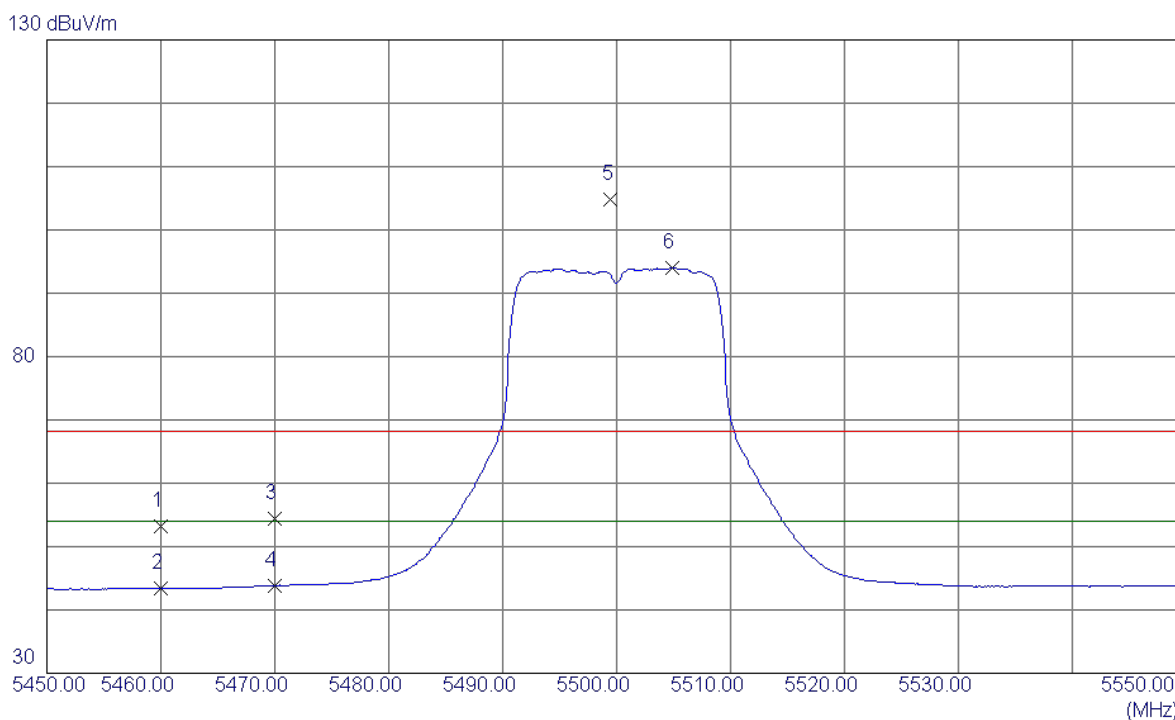
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11400.1000	35.73	12.63	48.36	68.30	-19.94	Peak	
2	11400.1000	27.68	12.63	40.31	54.00	-13.69	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N20 Mode 5500MHz

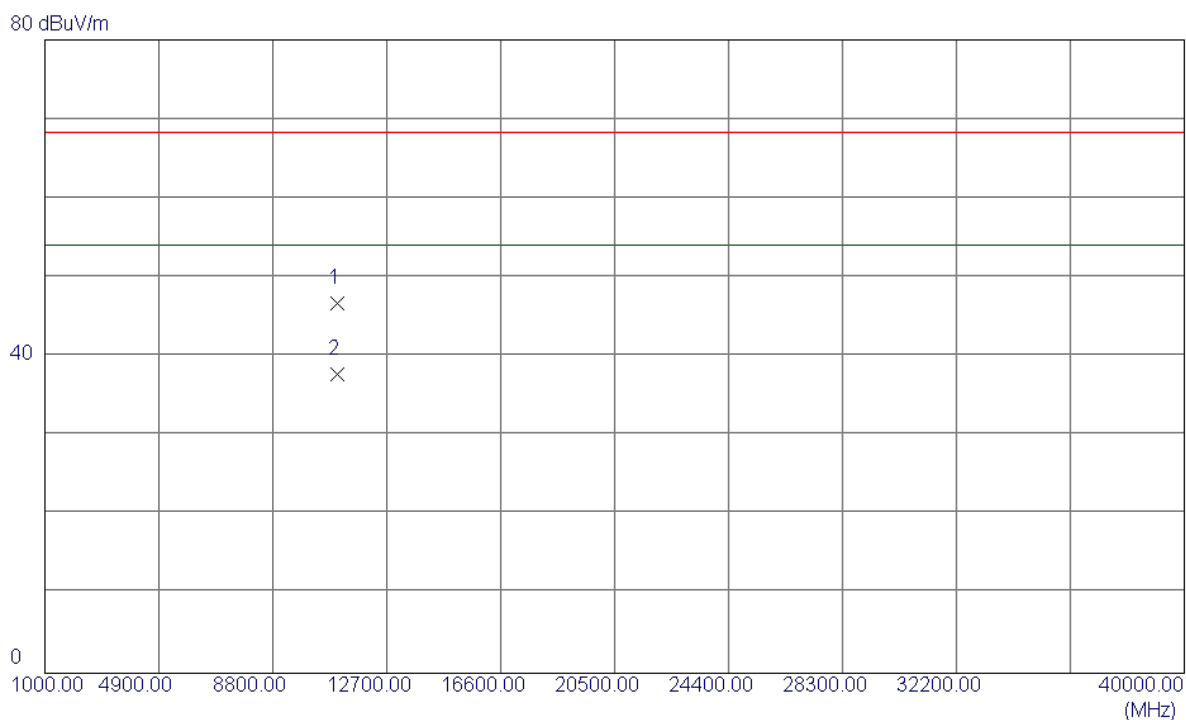
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5460.0000	10.70	42.43	53.13	68.30	-15.17	Peak	
2	5460.0000	0.97	42.43	43.40	54.00	-10.60	AVG	
3	5470.0000	11.93	42.46	54.39	68.30	-13.91	Peak	
4	5470.0000	1.41	42.46	43.87	54.00	-10.13	AVG	
5	5499.5000	62.21	42.56	104.77	68.30	36.47	Peak	No Limit
6	5504.9000	51.43	42.57	94.00	54.00	40.00	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N20 Mode 5500MHz

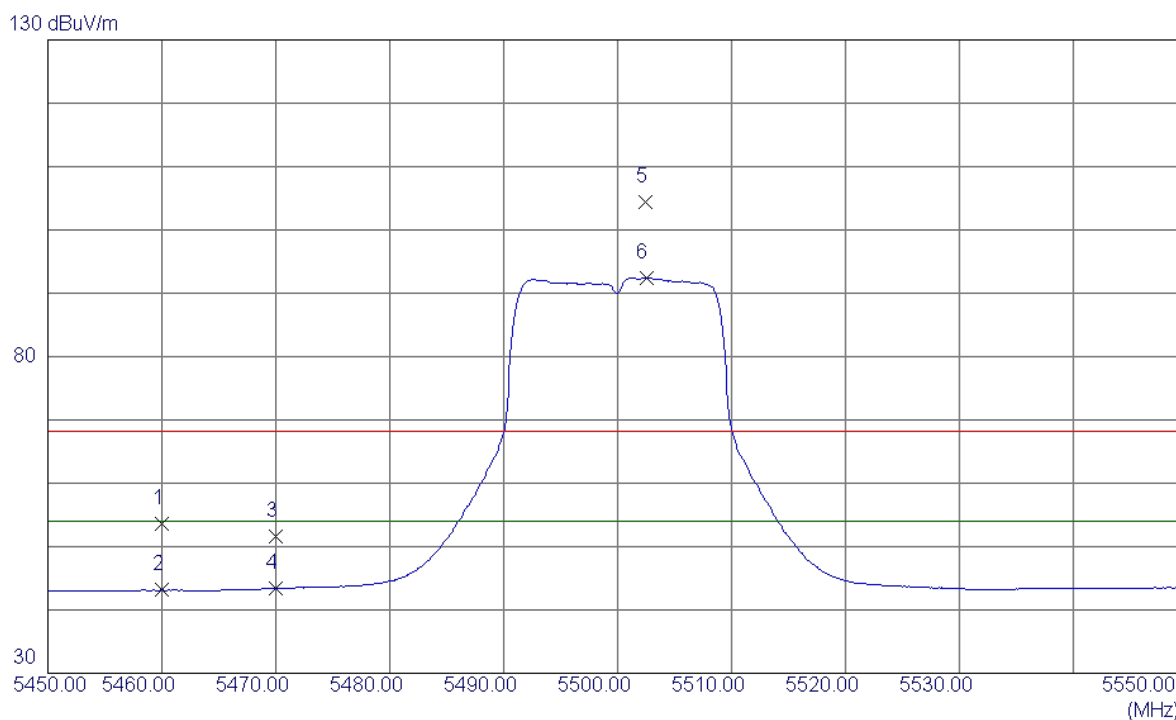
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11000.2000	35.28	11.38	46.66	68.30	-21.64	Peak	
2	11000.2000	26.41	11.38	37.79	54.00	-16.21	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N20 Mode 5500MHz

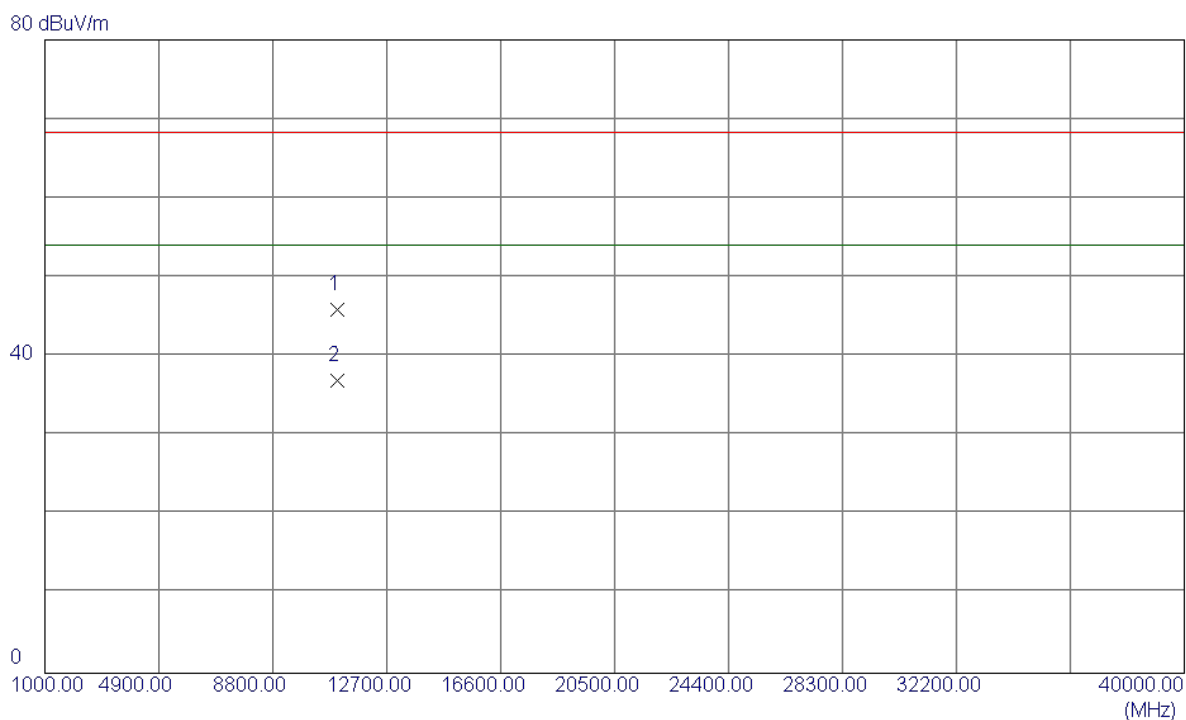
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5460.0000	11.23	42.43	53.66	68.30	-14.64	Peak	
2	5460.0000	0.69	42.43	43.12	54.00	-10.88	AVG	
3	5470.0000	9.07	42.46	51.53	68.30	-16.77	Peak	
4	5470.0000	0.98	42.46	43.44	54.00	-10.56	AVG	
5	5502.4000	61.79	42.57	104.36	68.30	36.06	Peak	No Limit
6	5502.5000	49.89	42.57	92.46	54.00	38.46	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N20 Mode 5500MHz

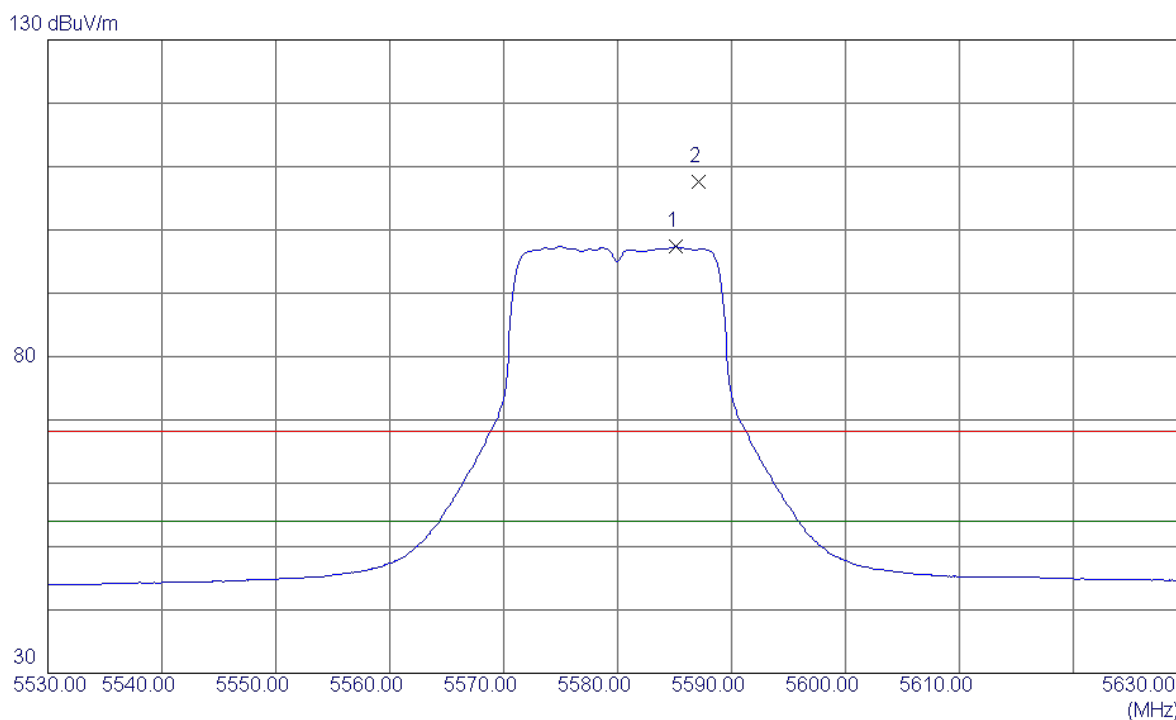
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11001.3200	34.58	11.38	45.96	68.30	-22.34	Peak	
2	11001.3200	25.64	11.38	37.02	54.00	-16.98	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N20 Mode 5580MHz

Vertical

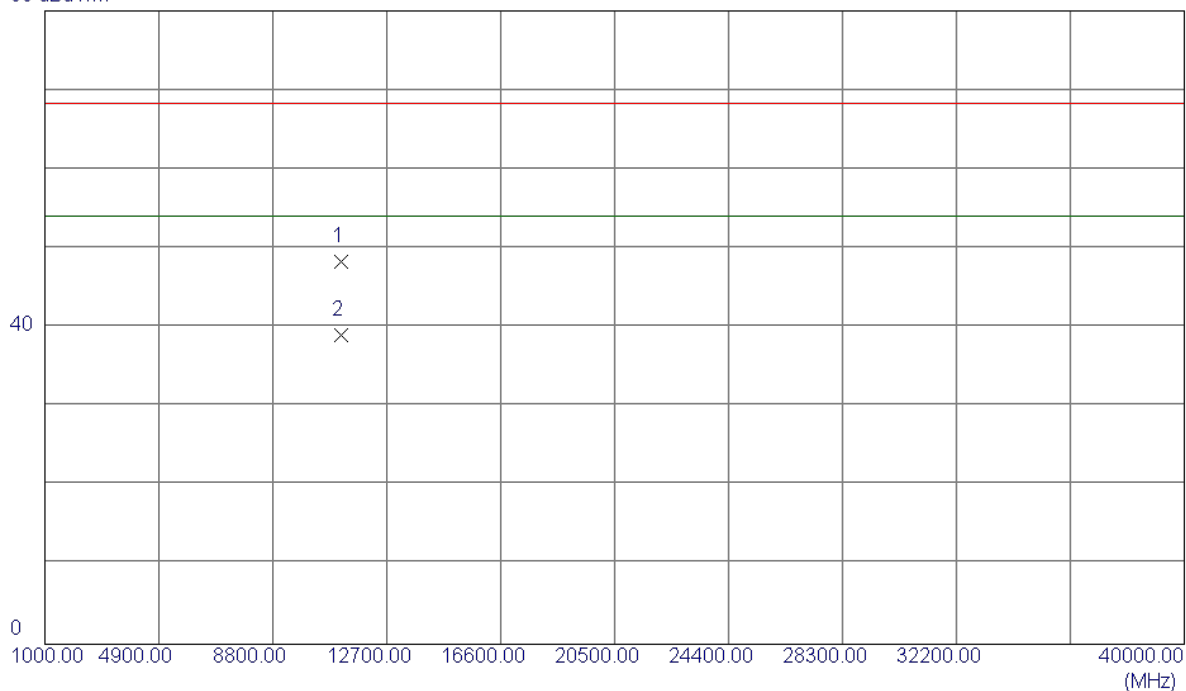


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5585.1000	54.61	42.75	97.36	54.00	43.36	AVG	No Limit
2	5587.1000	64.92	42.75	107.67	68.30	39.37	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N20 Mode 5580MHz

Vertical

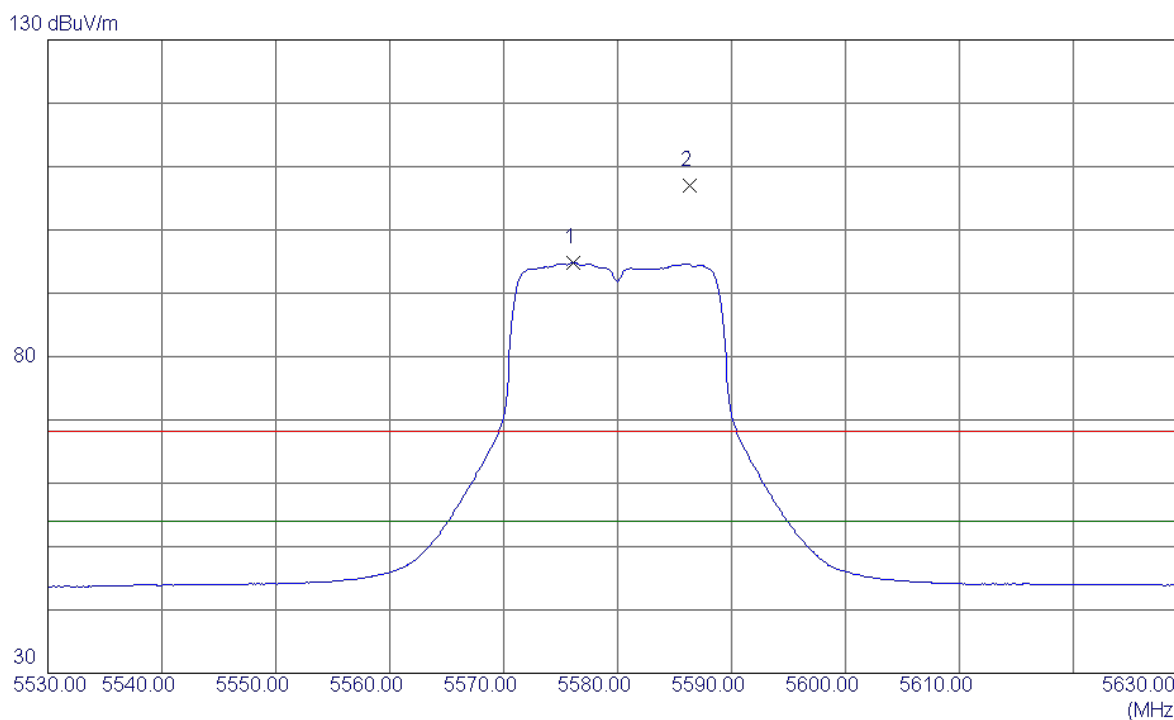
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11160.1400	36.45	11.88	48.33	68.30	-19.97	Peak	
2	11160.1400	27.12	11.88	39.00	54.00	-15.00	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N20 Mode 5580MHz

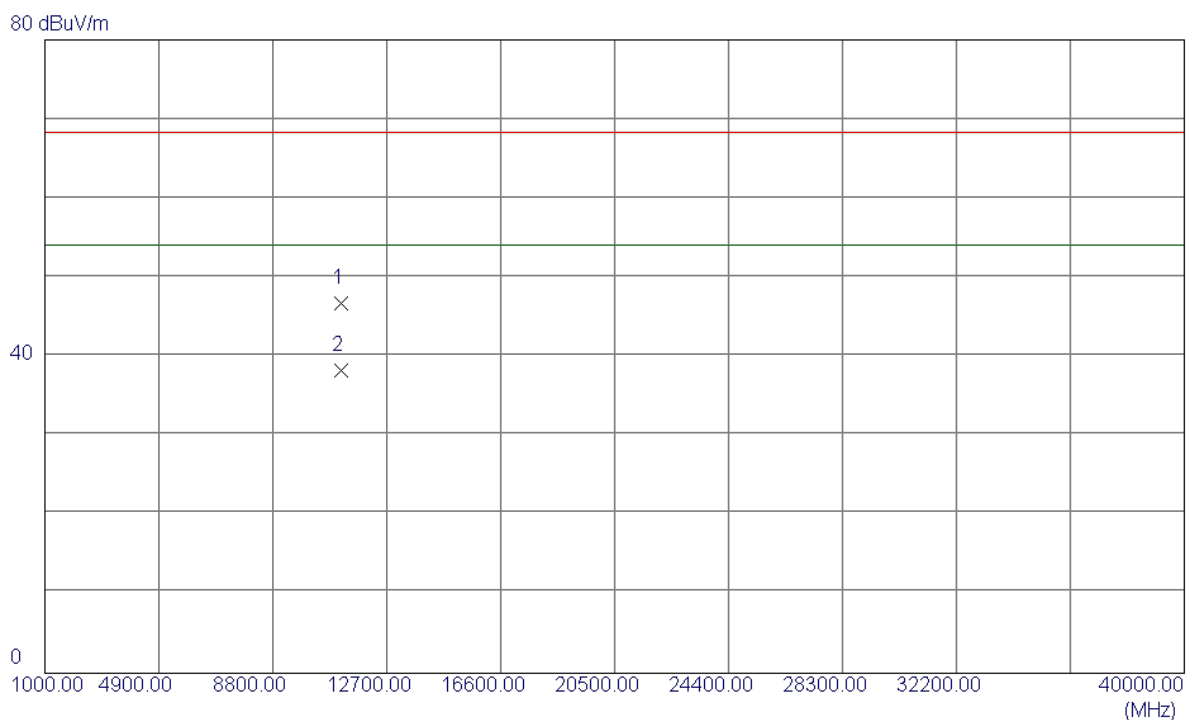
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5576.1000	52.08	42.73	94.81	54.00	40.81	AVG	No Limit
2	5586.3000	64.29	42.75	107.04	68.30	38.74	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N20 Mode 5580MHz

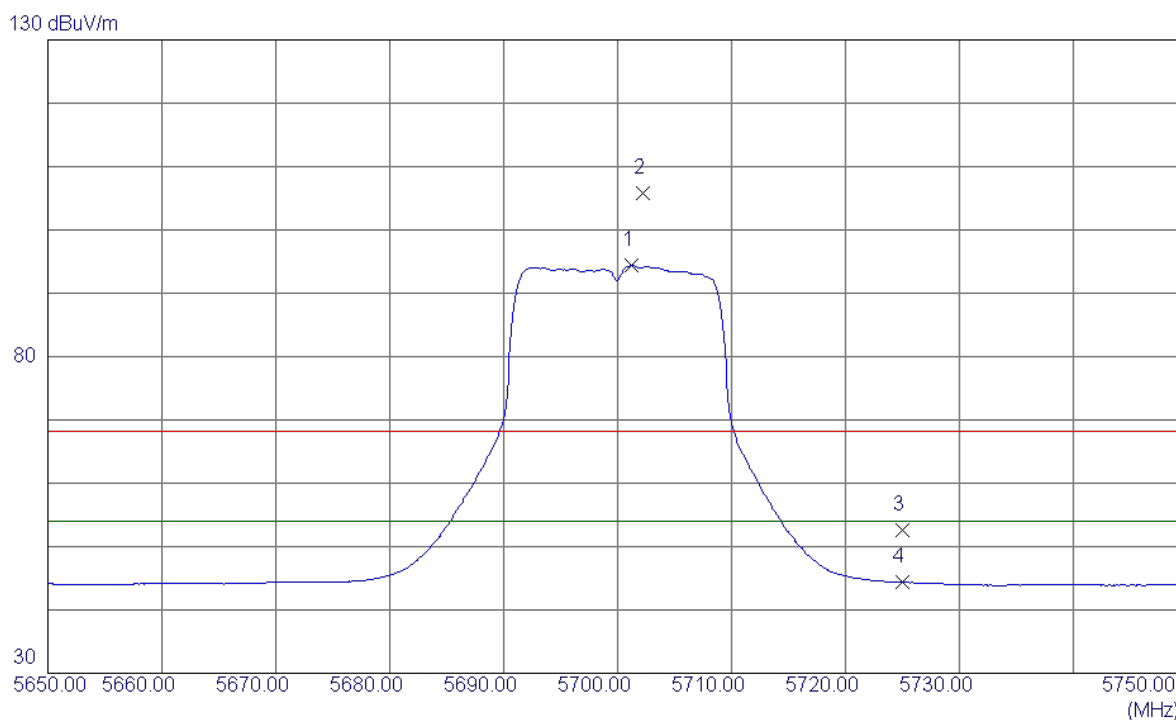
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11160.2600	34.85	11.88	46.73	68.30	-21.57	Peak	
2	11160.2600	26.41	11.88	38.29	54.00	-15.71	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N20 Mode 5700MHz

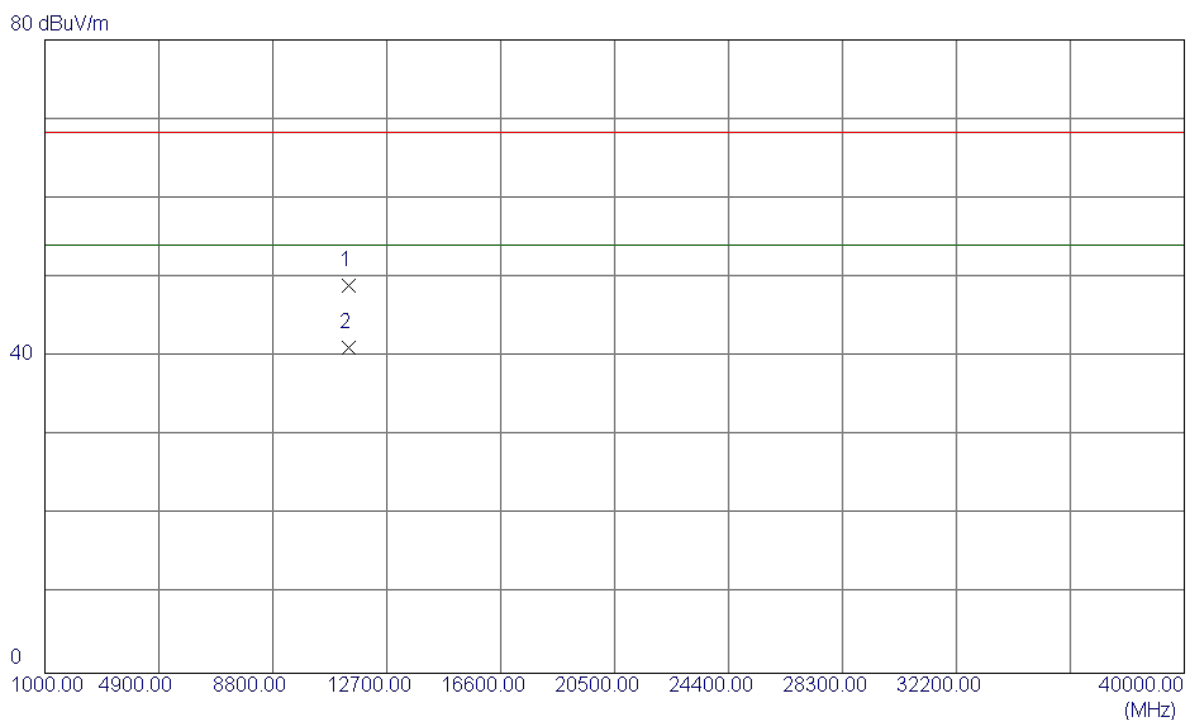
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5701.2000	51.37	43.01	94.38	54.00	40.38	AVG	No Limit
2	5702.2000	62.83	43.01	105.84	68.30	37.54	Peak	No Limit
3	5725.0000	9.52	43.06	52.58	68.30	-15.72	Peak	
4	5725.0000	1.28	43.06	44.34	54.00	-9.66	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N20 Mode 5700MHz

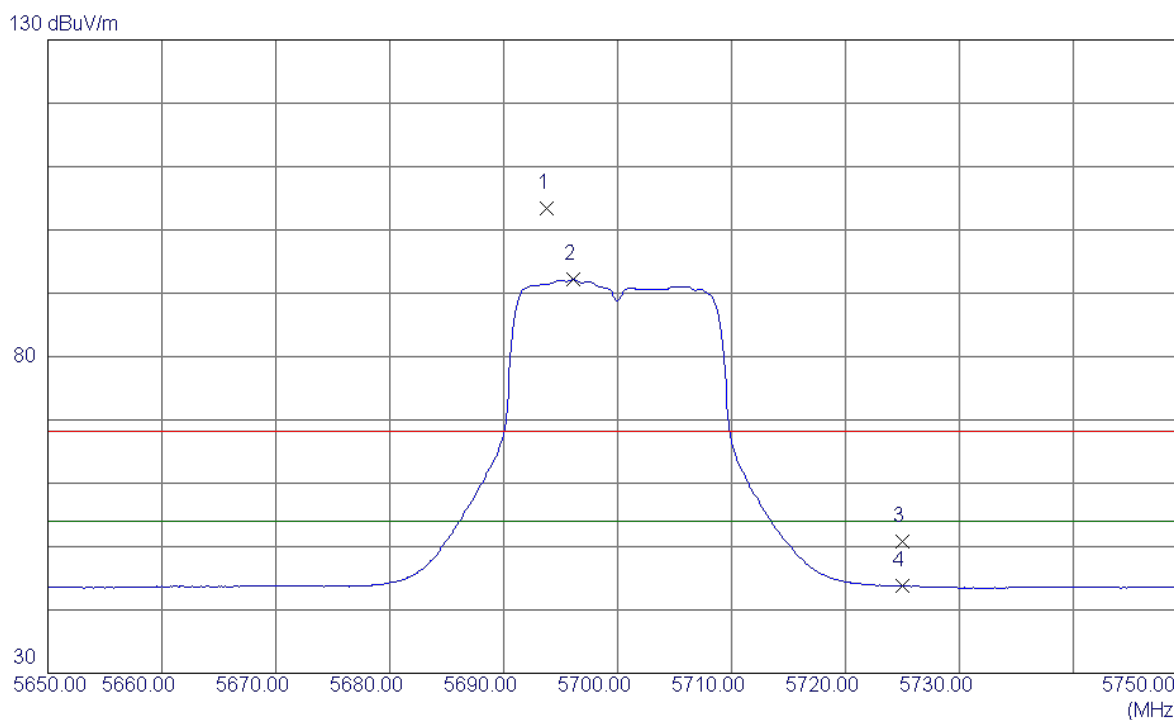
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11400.1700	36.27	12.63	48.90	68.30	-19.40	Peak	
2	11400.1700	28.45	12.63	41.08	54.00	-12.92	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N20 Mode 5700MHz

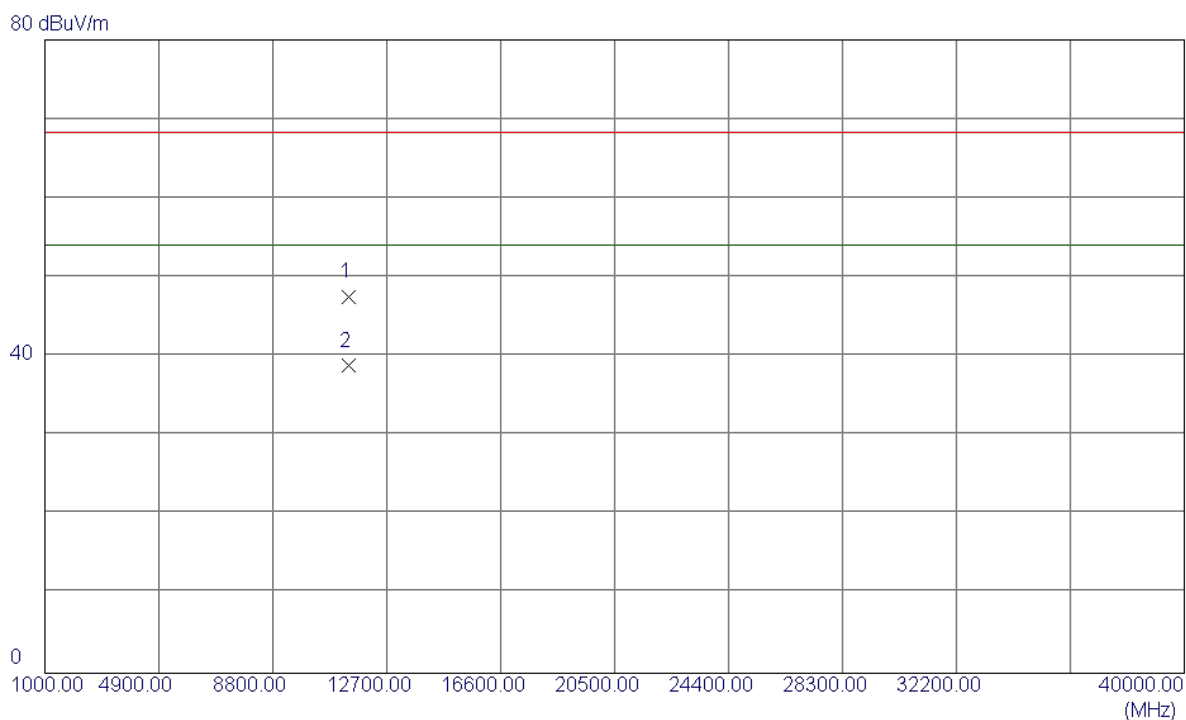
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5693.8000	60.42	42.99	103.41	68.30	35.11	Peak	No Limit
2	5696.1000	49.15	43.00	92.15	54.00	38.15	AVG	No Limit
3	5725.0000	7.75	43.06	50.81	68.30	-17.49	Peak	
4	5725.0000	0.73	43.06	43.79	54.00	-10.21	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N20 Mode 5700MHz

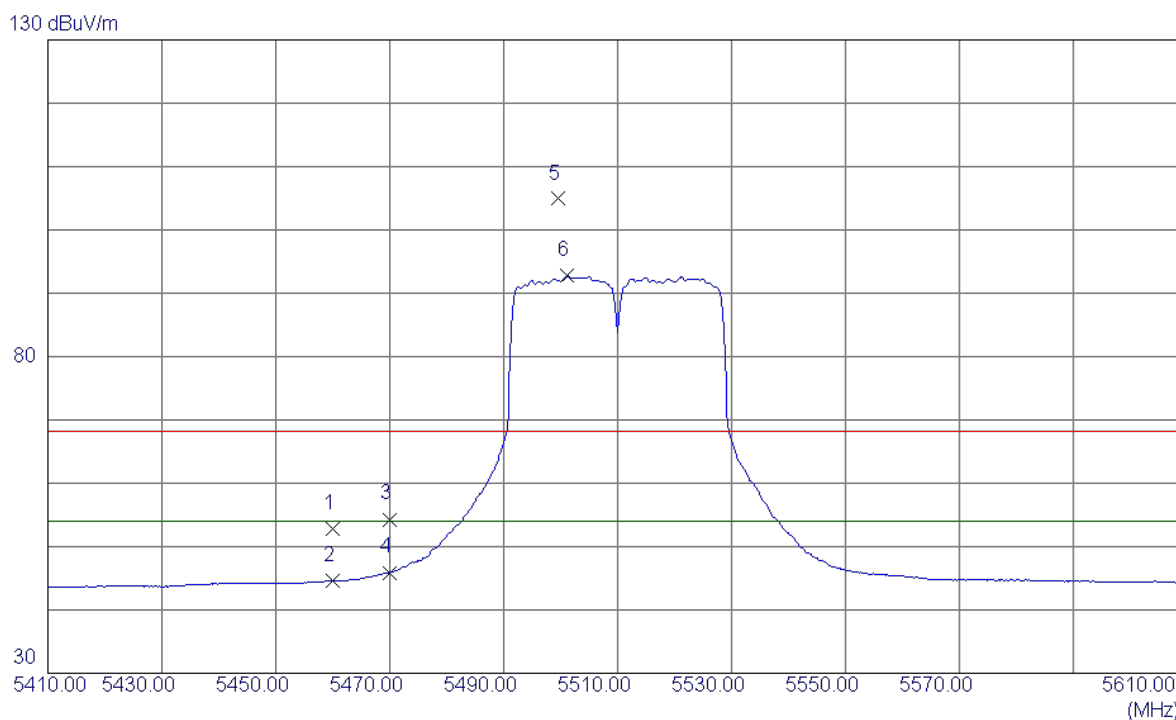
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11400.3400	34.84	12.63	47.47	68.30	-20.83	Peak	
2	11400.3400	26.17	12.63	38.80	54.00	-15.20	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N40 Mode 5510MHz

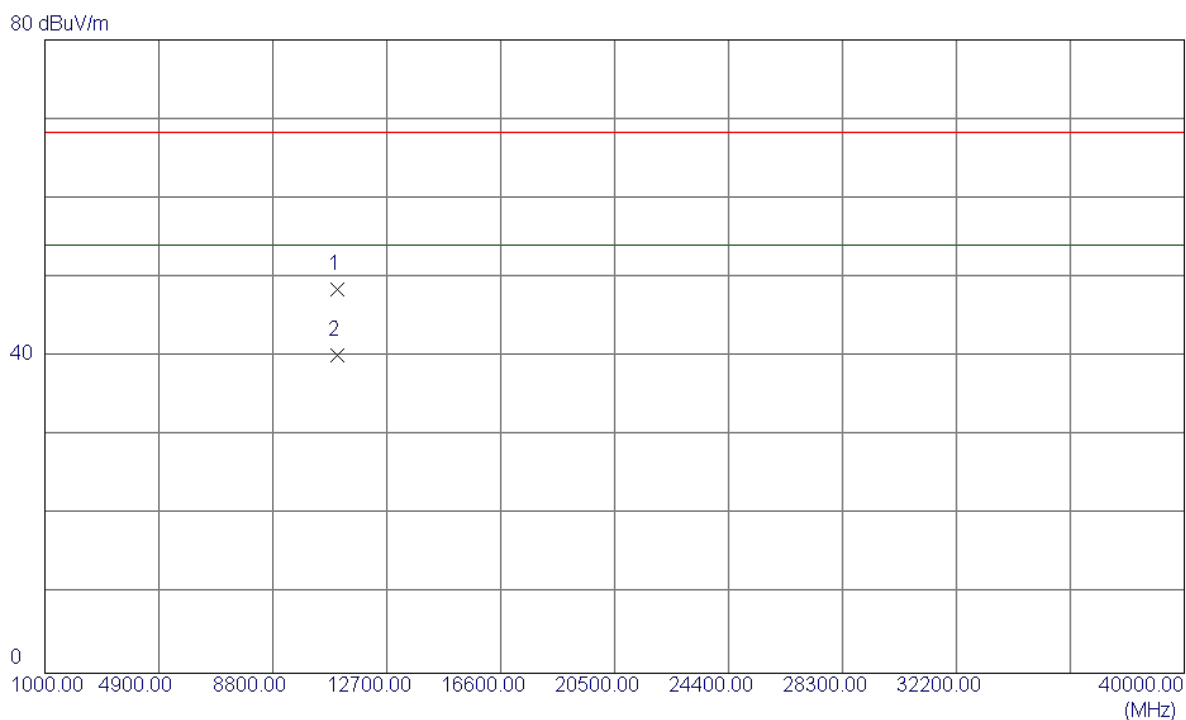
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5460.0000	10.35	42.43	52.78	68.30	-15.52	Peak	
2	5460.0000	2.14	42.43	44.57	54.00	-9.43	AVG	
3	5470.0000	11.84	42.46	54.30	68.30	-14.00	Peak	
4	5470.0000	3.44	42.46	45.90	54.00	-8.10	AVG	
5	5499.6000	62.34	42.56	104.90	68.30	36.60	Peak	No Limit
6	5501.2000	50.15	42.56	92.71	54.00	38.71	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N40 Mode 5510MHz

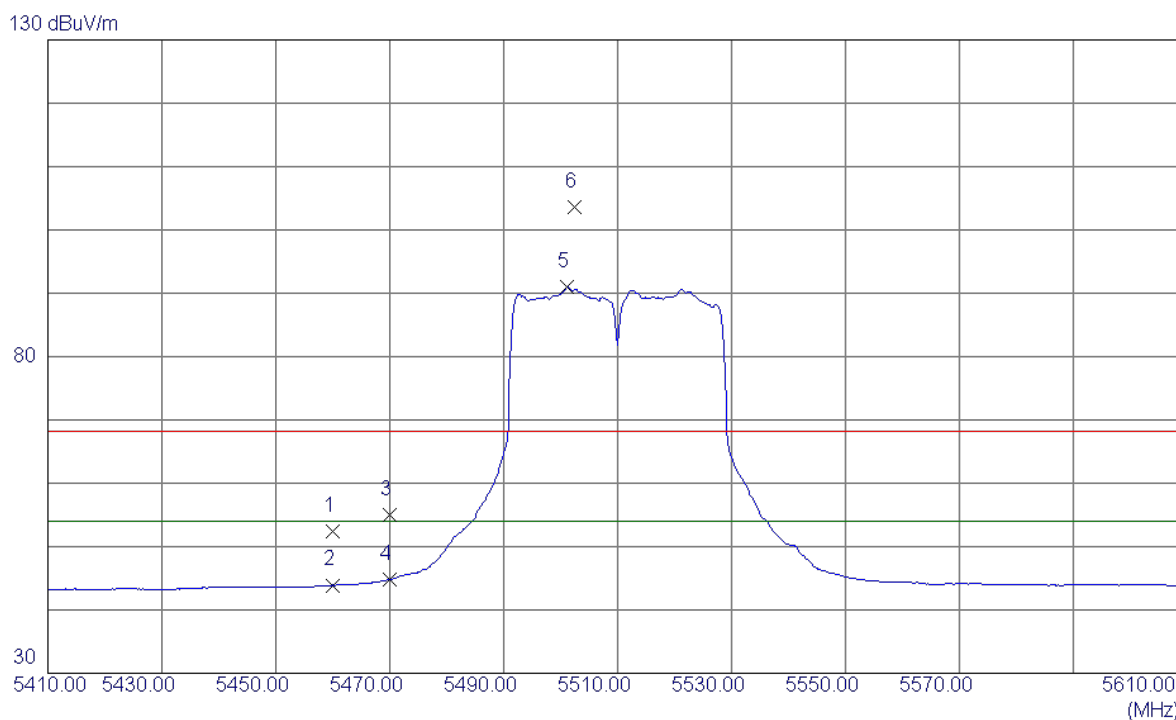
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11020.0900	37.05	11.44	48.49	68.30	-19.81	Peak	
2	11020.0900	28.74	11.44	40.18	54.00	-13.82	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N40 Mode 5510MHz

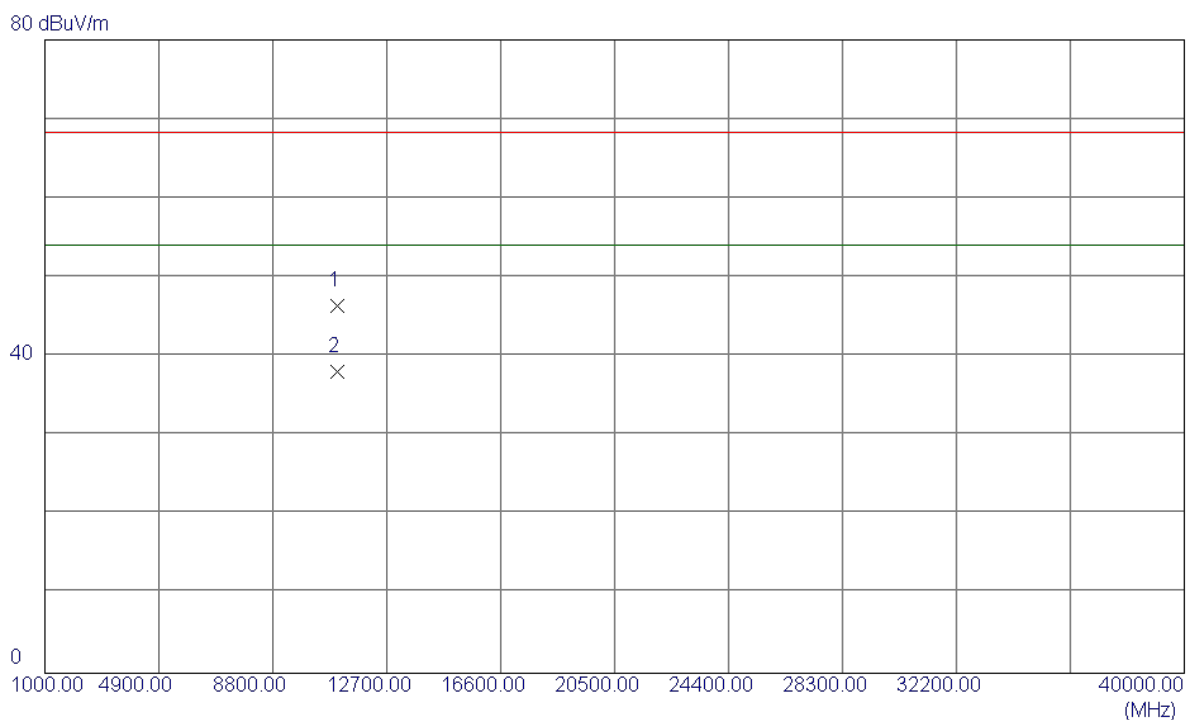
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5460.0000	10.03	42.43	52.46	68.30	-15.84	Peak	
2	5460.0000	1.47	42.43	43.90	54.00	-10.10	AVG	
3	5470.0000	12.45	42.46	54.91	68.30	-13.39	Peak	
4	5470.0000	2.32	42.46	44.78	54.00	-9.22	AVG	
5	5501.2000	48.39	42.56	90.95	54.00	36.95	AVG	No Limit
6	5502.4000	60.95	42.57	103.52	68.30	35.22	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N40 Mode 5510MHz

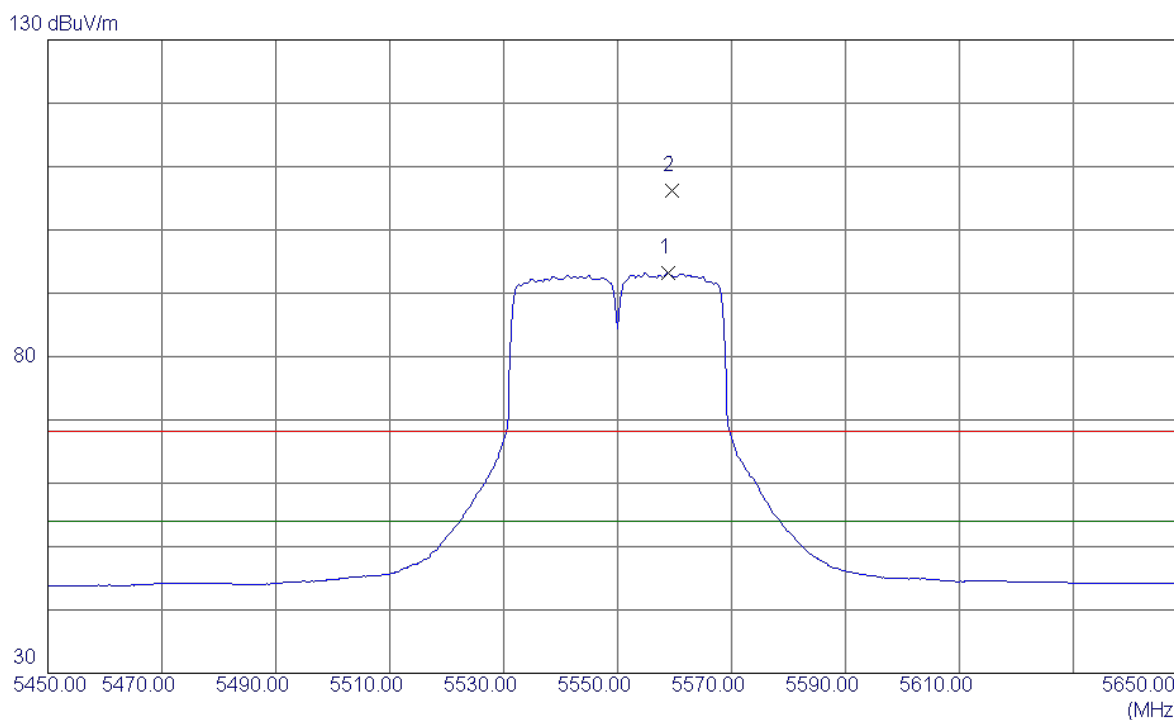
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11020.1700	34.95	11.44	46.39	68.30	-21.91	Peak	
2	11020.1700	26.63	11.44	38.07	54.00	-15.93	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N40 Mode 5550MHz

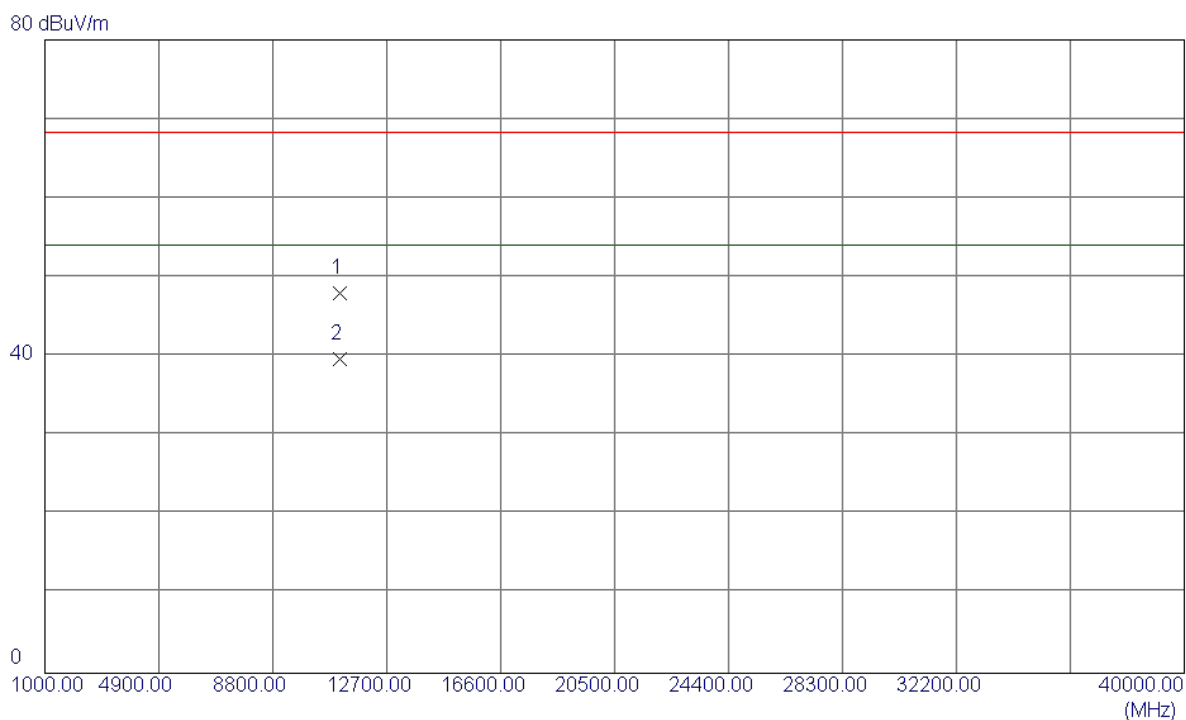
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5558.8000	50.51	42.69	93.20	54.00	39.20	AVG	No Limit
2	5559.6000	63.51	42.69	106.20	68.30	37.90	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N40 Mode 5550MHz

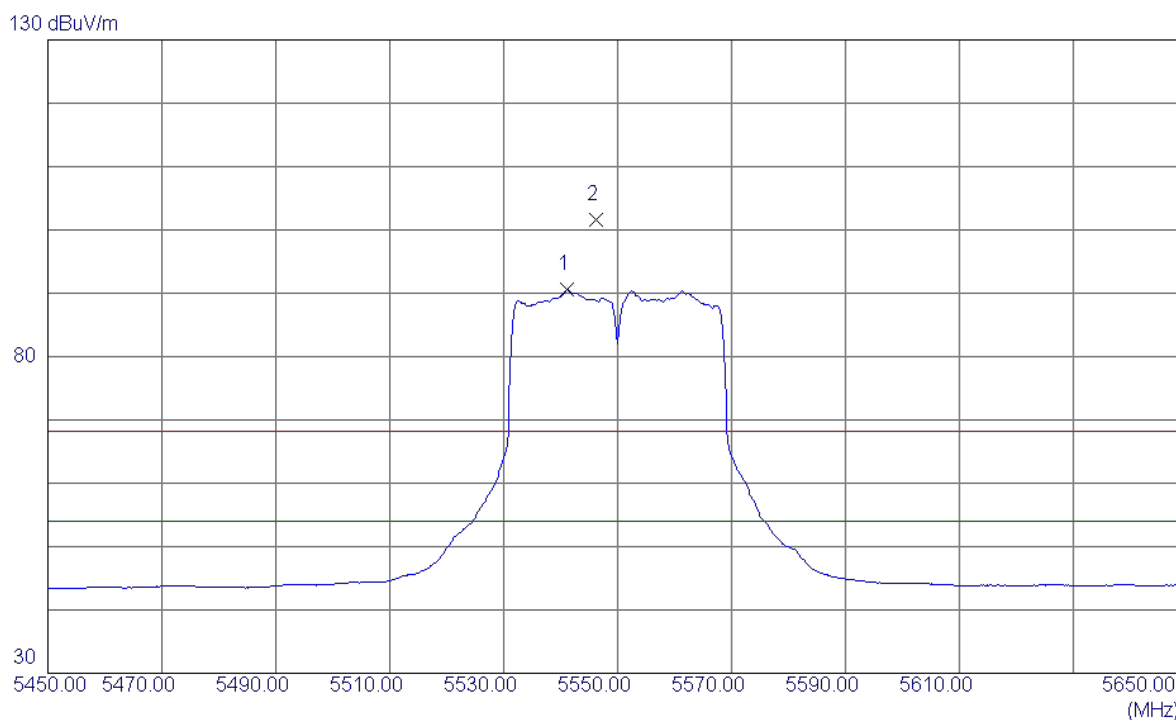
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11100.4100	36.27	11.69	47.96	68.30	-20.34	Peak	
2	11100.4100	27.95	11.69	39.64	54.00	-14.36	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N40 Mode 5550MHz

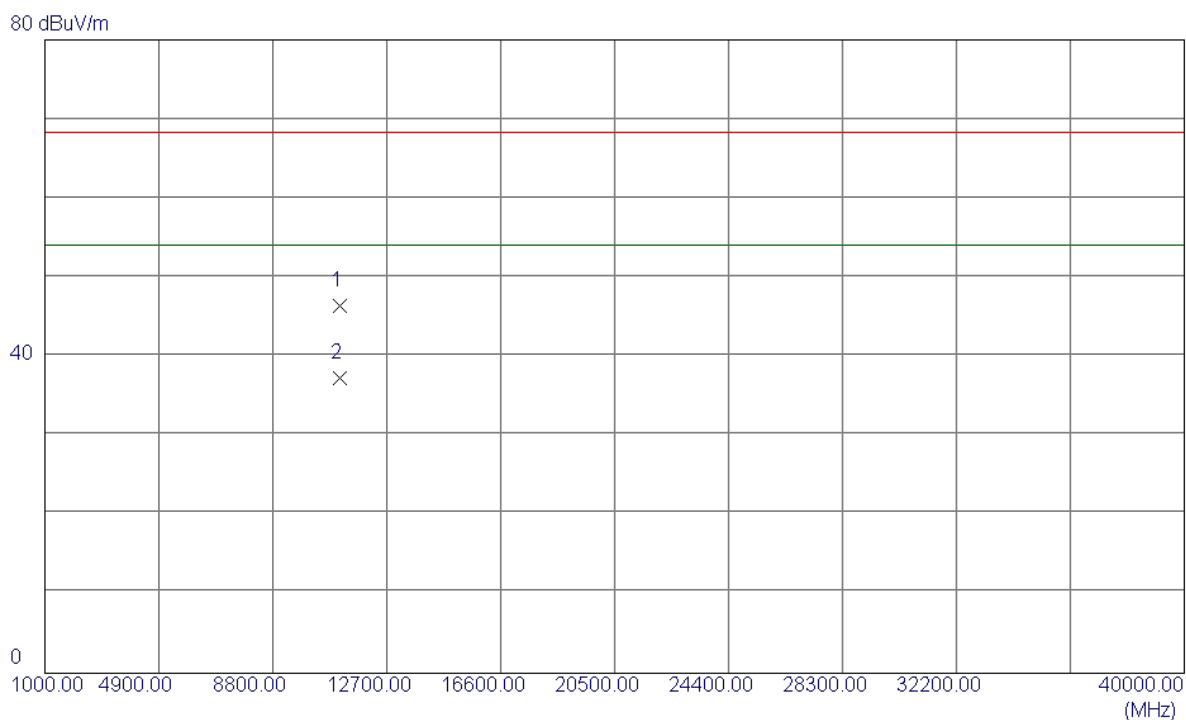
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5541.2000	47.91	42.65	90.56	54.00	36.56	AVG	No Limit
2	5546.2000	58.99	42.66	101.65	68.30	33.35	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N40 Mode 5550MHz

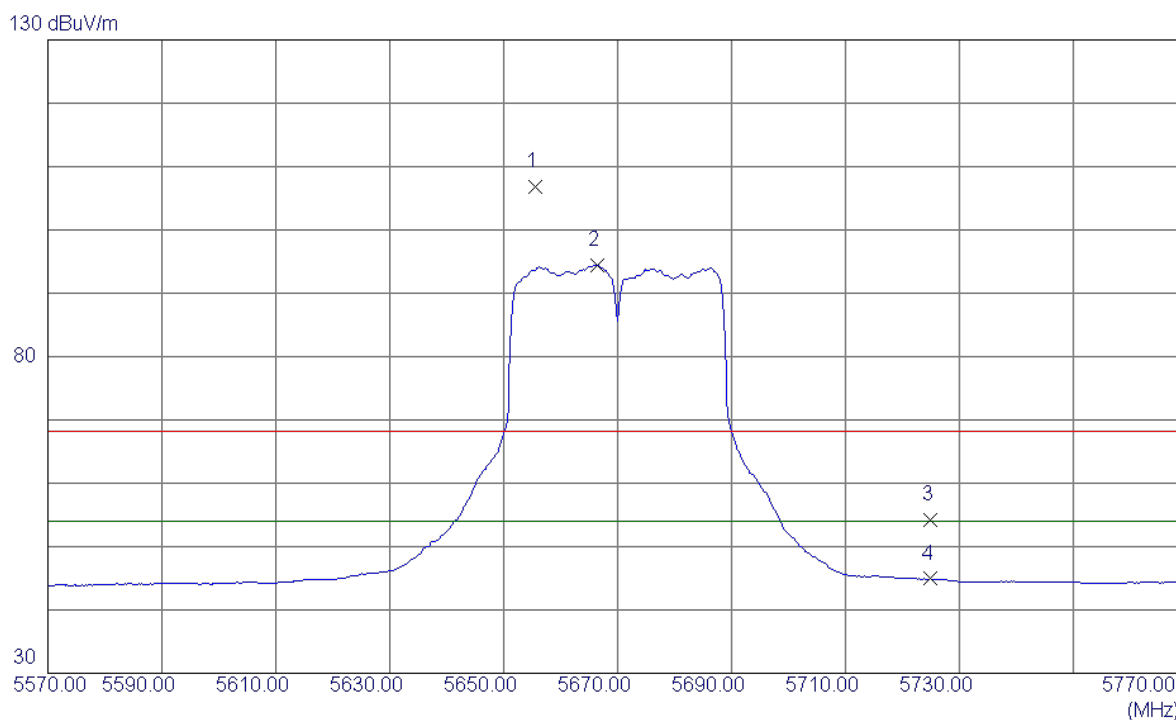
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11100.2300	34.71	11.69	46.40	68.30	-21.90	Peak	
2	11100.2300	25.58	11.69	37.27	54.00	-16.73	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N40 Mode 5670MHz

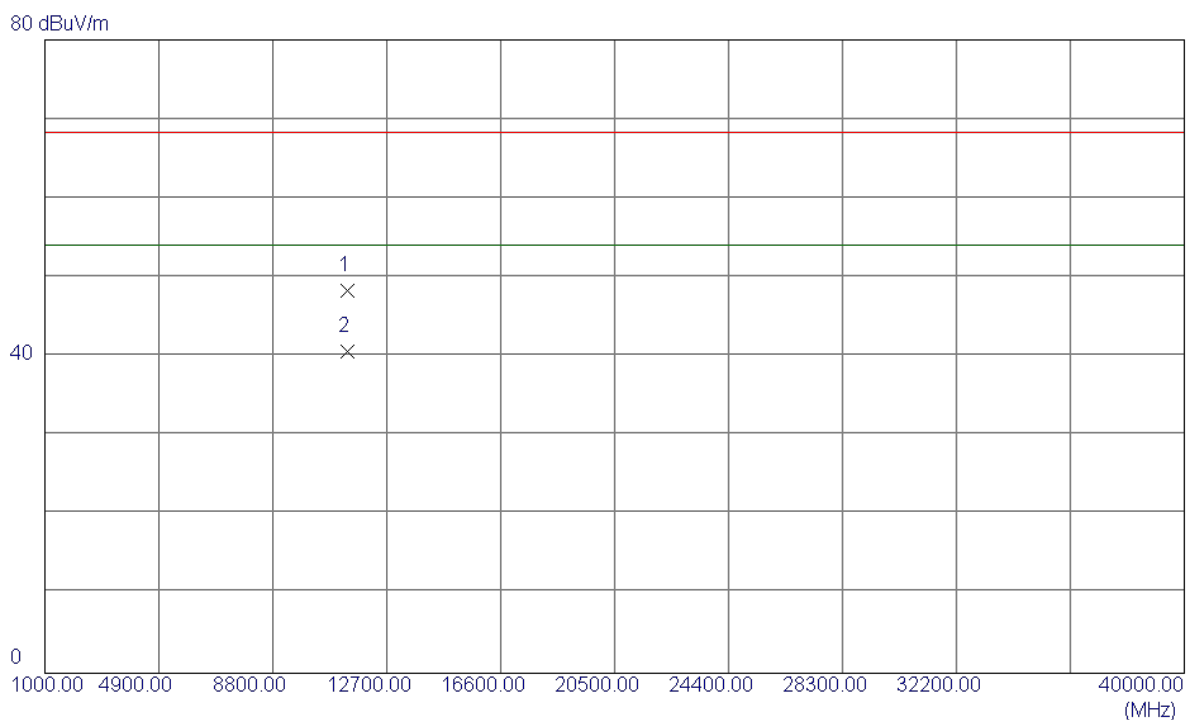
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5655.6000	63.85	42.91	106.76	68.30	38.46	Peak	No Limit
2	5666.4000	51.52	42.93	94.45	54.00	40.45	AVG	No Limit
3	5725.0000	11.14	43.06	54.20	68.30	-14.10	Peak	
4	5725.0000	1.84	43.06	44.90	54.00	-9.10	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N40 Mode 5670MHz

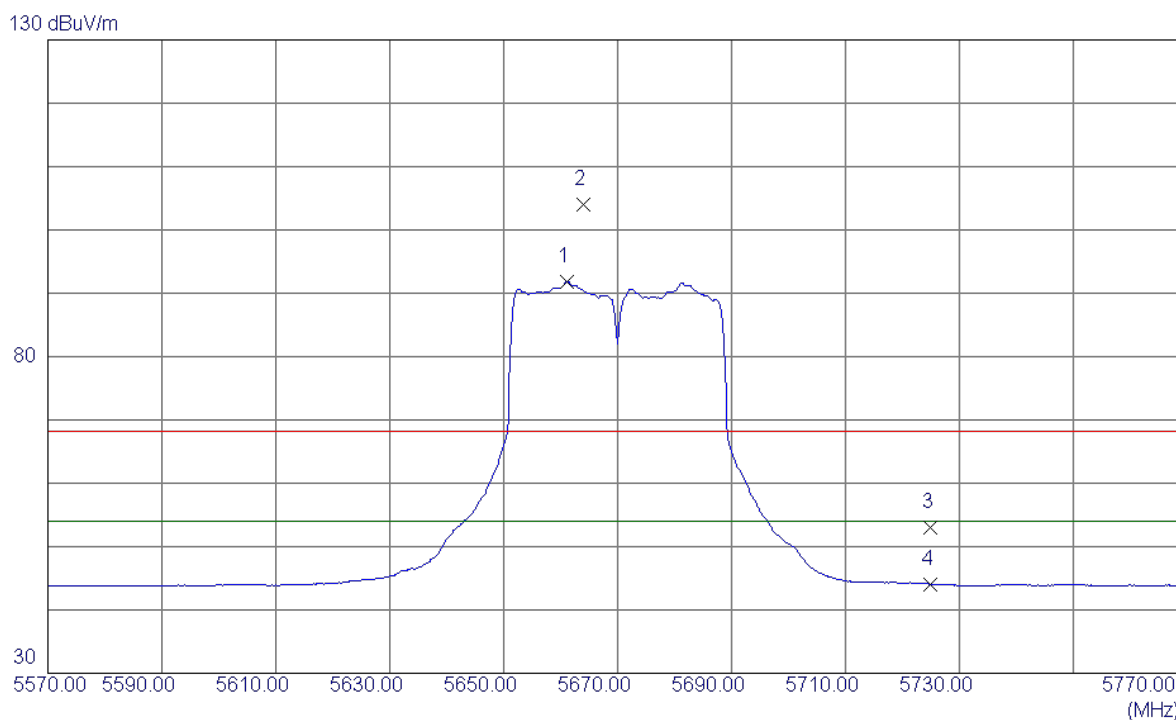
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11339.8700	35.92	12.44	48.36	68.30	-19.94	Peak	
2	11339.8700	28.16	12.44	40.60	54.00	-13.40	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N40 Mode 5670MHz

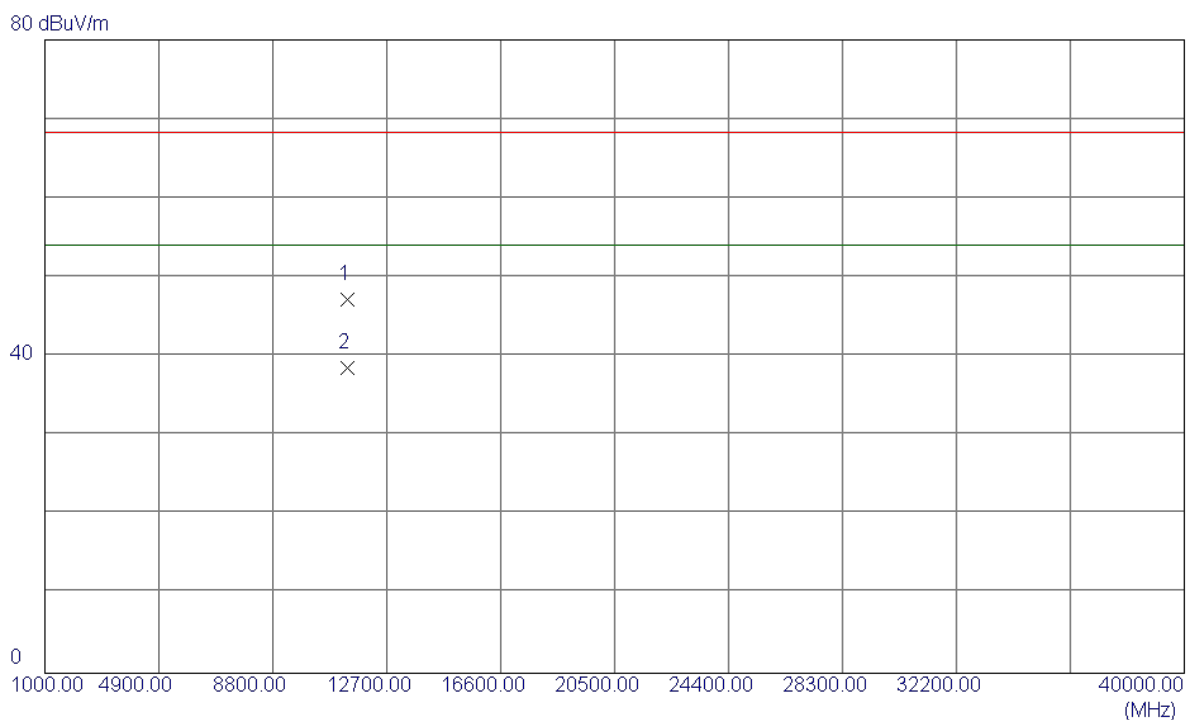
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5661.2000	48.97	42.92	91.89	54.00	37.89	AVG	No Limit
2	5664.0000	61.05	42.92	103.97	68.30	35.67	Peak	No Limit
3	5725.0000	10.02	43.06	53.08	68.30	-15.22	Peak	
4	5725.0000	1.01	43.06	44.07	54.00	-9.93	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N40 Mode 5670MHz

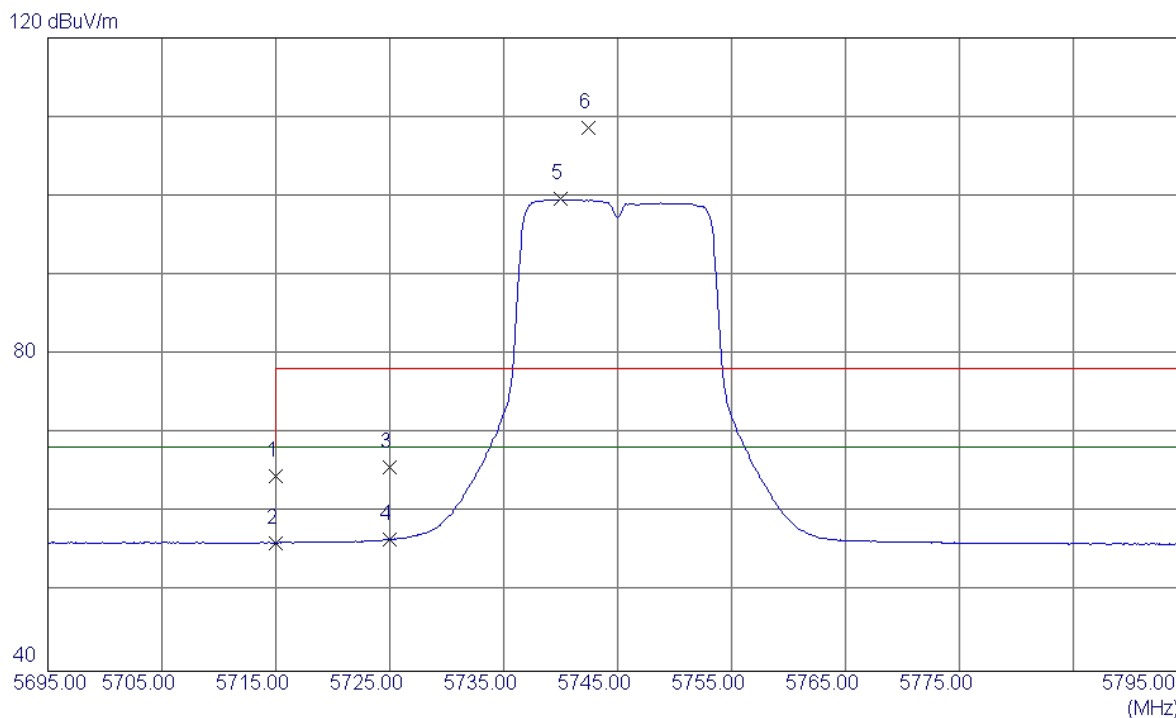
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11340.3500	34.81	12.44	47.25	68.30	-21.05	Peak	
2	11340.3500	26.15	12.44	38.59	54.00	-15.41	AVG	

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

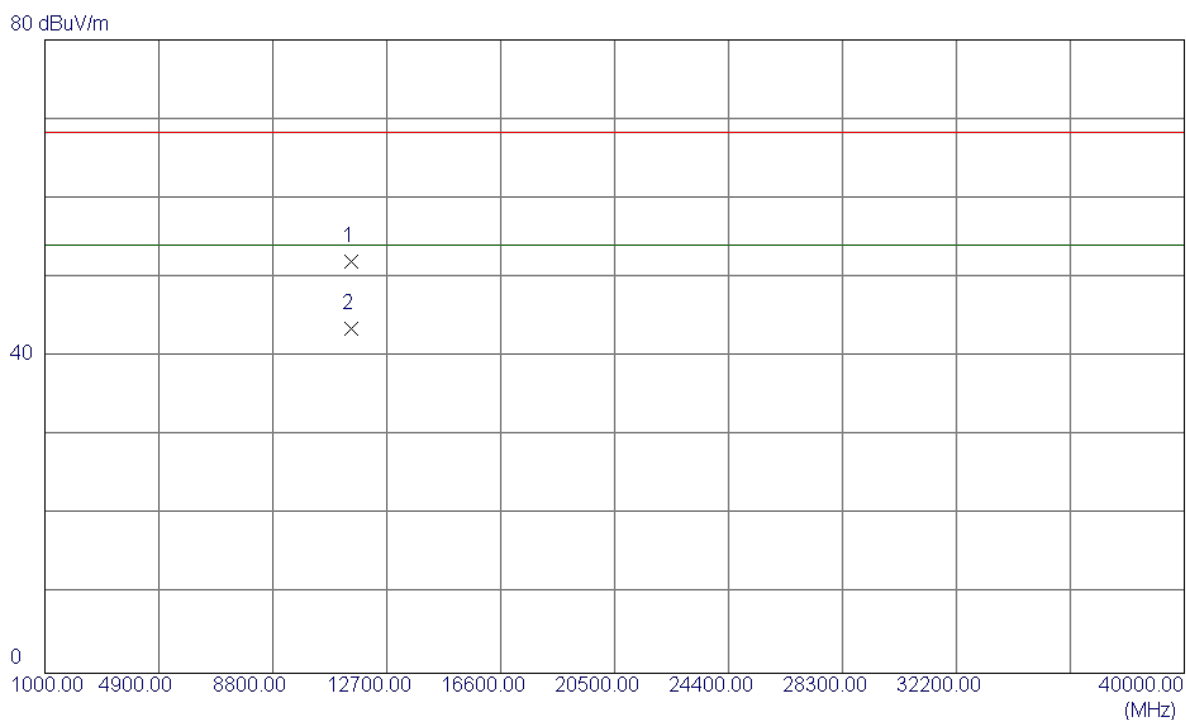
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5715.0000	21.57	43.04	64.61	68.30	-3.69	Peak	
2	5715.0000	13.18	43.04	56.22	68.30	-12.08	AVG	
3	5725.0000	22.74	43.06	65.80	78.30	-12.50	Peak	
4	5725.0000	13.53	43.06	56.59	68.30	-11.71	AVG	
5	5740.0000	56.52	43.09	99.61	68.30	31.31	AVG	No Limit
6	5742.4000	65.58	43.10	108.68	78.30	30.38	Peak	No Limit

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

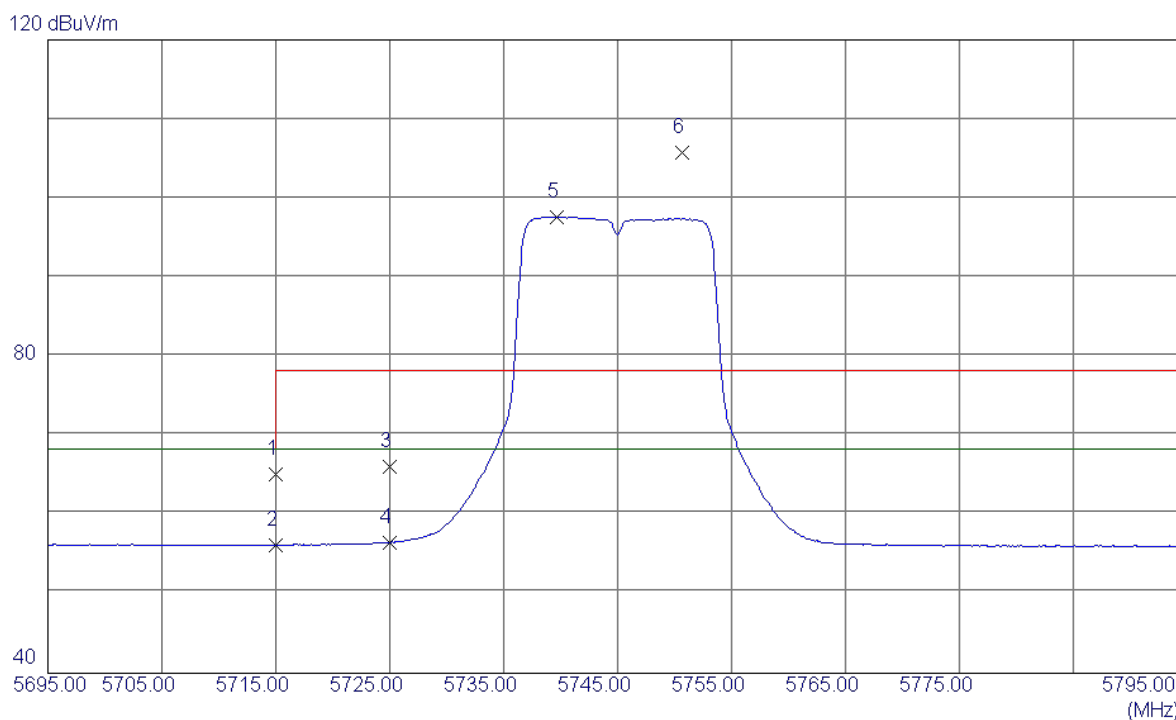
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11490.8300	39.09	12.91	52.00	68.30	-16.30	Peak	
2	11490.8300	30.66	12.91	43.57	54.00	-10.43	AVG	

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

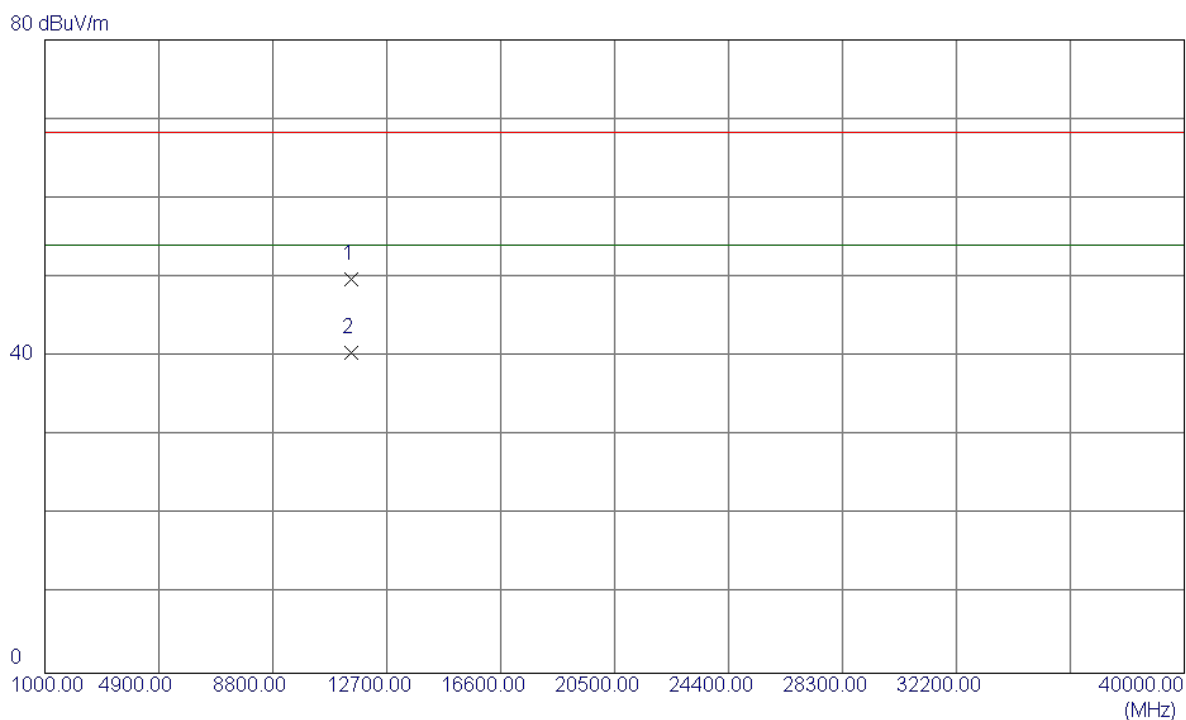
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5715.0000	22.03	43.04	65.07	68.30	-3.23	Peak	
2	5715.0000	13.16	43.04	56.20	68.30	-12.10	AVG	
3	5725.0000	22.99	43.06	66.05	78.30	-12.25	Peak	
4	5725.0000	13.49	43.06	56.55	68.30	-11.75	AVG	
5	5739.7000	54.58	43.09	97.67	68.30	29.37	AVG	No Limit
6	5750.7000	62.69	43.12	105.81	78.30	27.51	Peak	No Limit

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

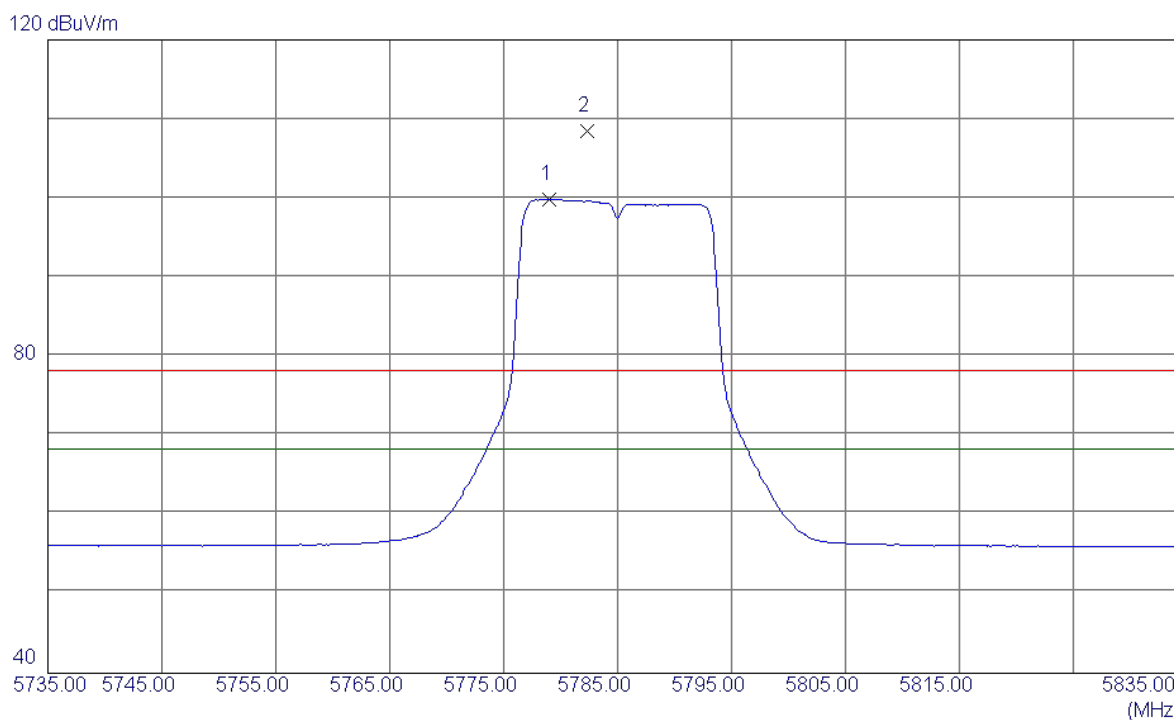
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11491.7200	36.92	12.91	49.83	68.30	-18.47	Peak	
2	11491.7200	27.56	12.91	40.47	54.00	-13.53	AVG	

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

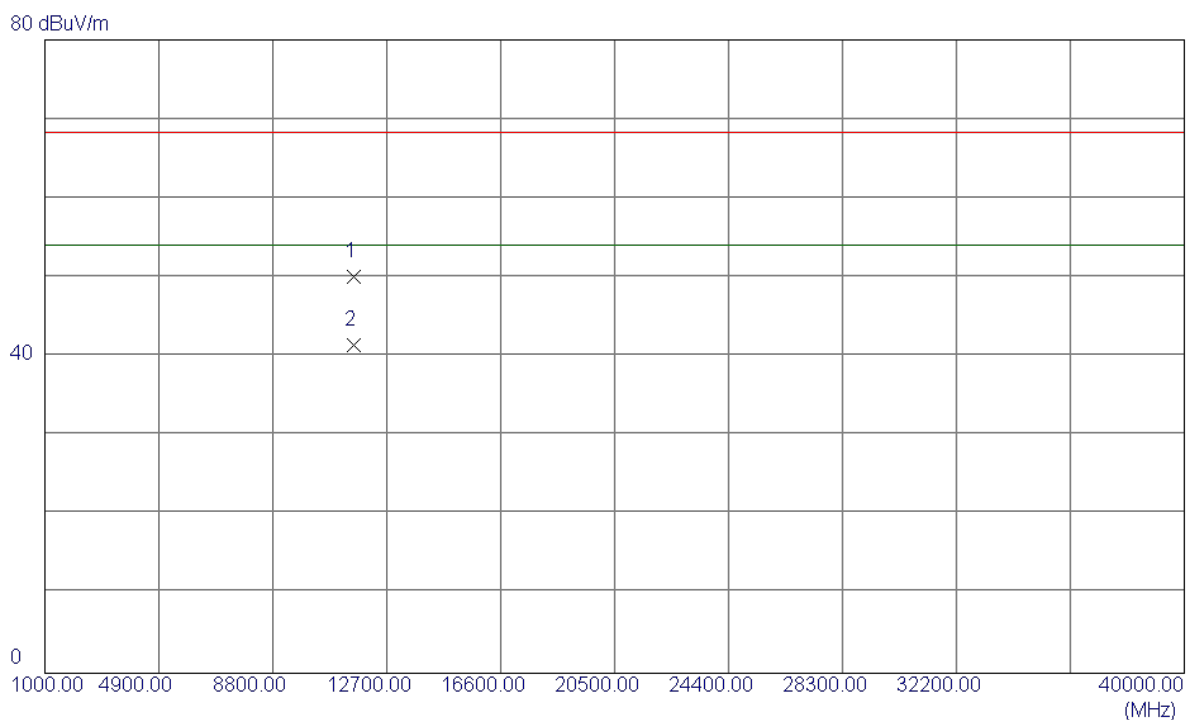
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5779.0000	56.71	43.18	99.89	68.30	31.59	AVG	No Limit
2	5782.3000	65.36	43.19	108.55	78.30	30.25	Peak	No Limit

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

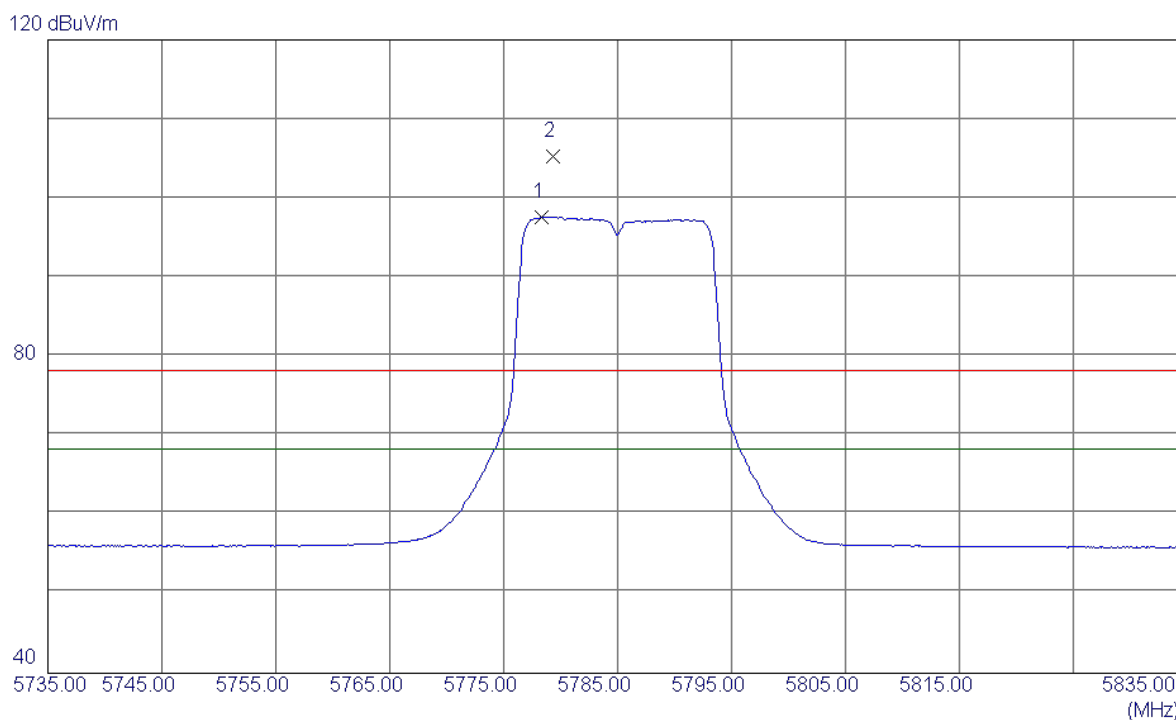
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11569.1200	37.19	12.89	50.08	68.30	-18.22	Peak	
2	11569.1200	28.51	12.89	41.40	54.00	-12.60	AVG	

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

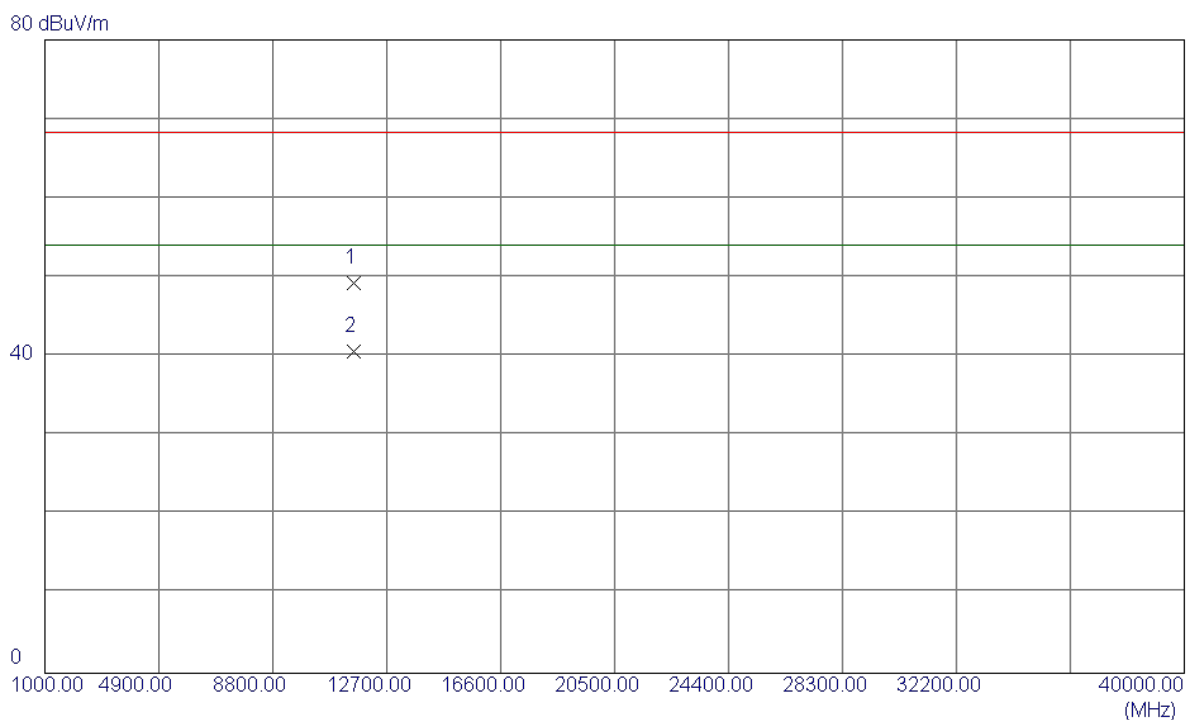
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5778.3000	54.43	43.18	97.61	68.30	29.31	AVG	No Limit
2	5779.3000	62.17	43.18	105.35	78.30	27.05	Peak	No Limit

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

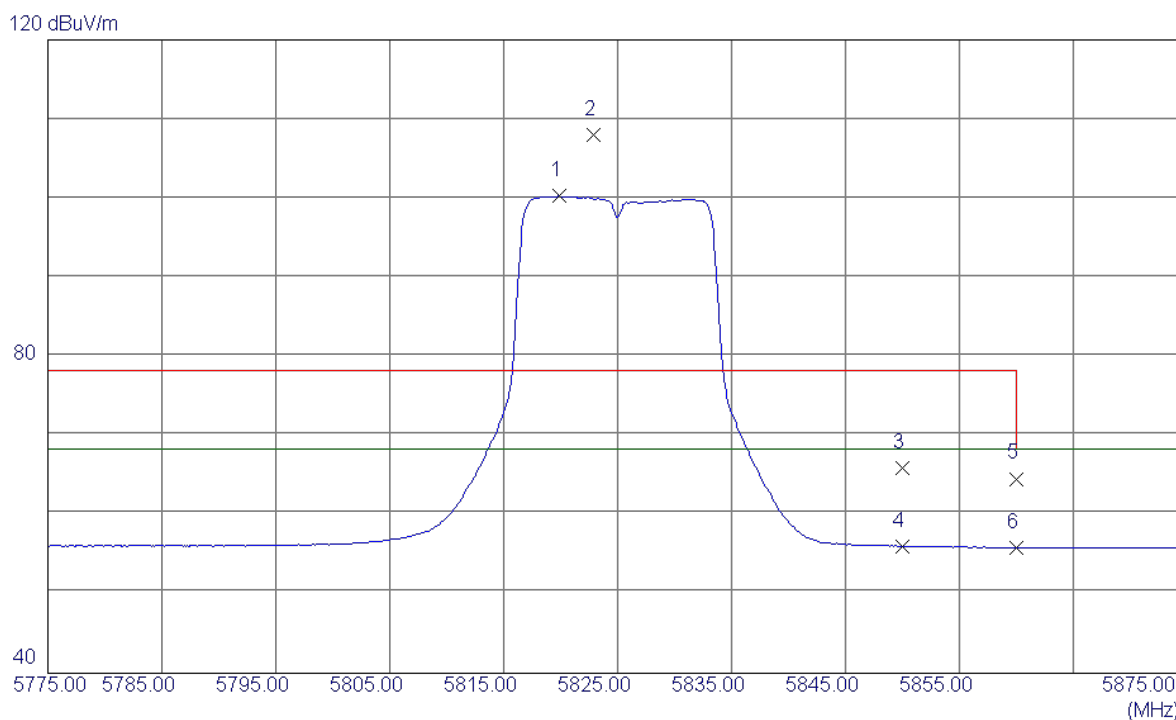
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11571.3600	36.45	12.89	49.34	68.30	-18.96	Peak	
2	11571.3600	27.69	12.89	40.58	54.00	-13.42	AVG	

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

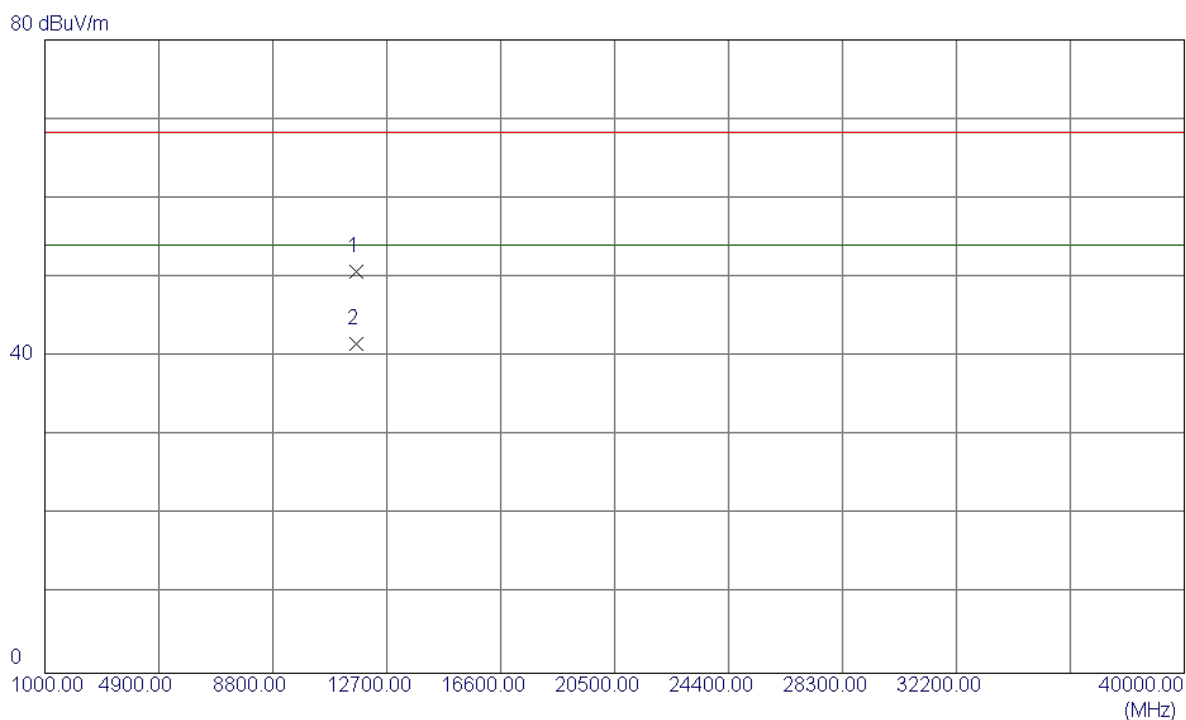
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5819.9000	56.98	43.27	100.25	68.30	31.95	AVG	No Limit
2	5822.9000	64.73	43.28	108.01	78.30	29.71	Peak	No Limit
3	5850.0000	22.62	43.34	65.96	78.30	-12.34	Peak	
4	5850.0000	12.72	43.34	56.06	68.30	-12.24	AVG	
5	5860.0000	21.20	43.36	64.56	78.30	-13.74	Peak	
6	5860.0000	12.50	43.36	55.86	68.30	-12.44	AVG	

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

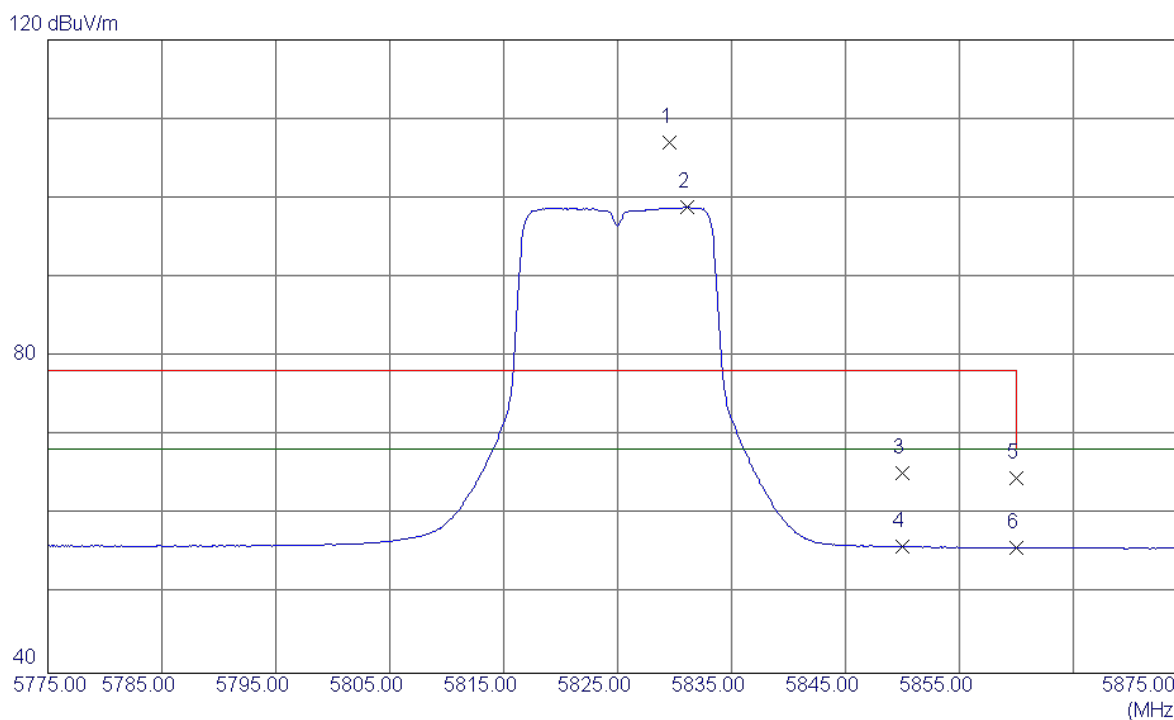
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11650.1000	37.87	12.84	50.71	68.30	-17.59	Peak	
2	11650.1000	28.74	12.84	41.58	54.00	-12.42	AVG	

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

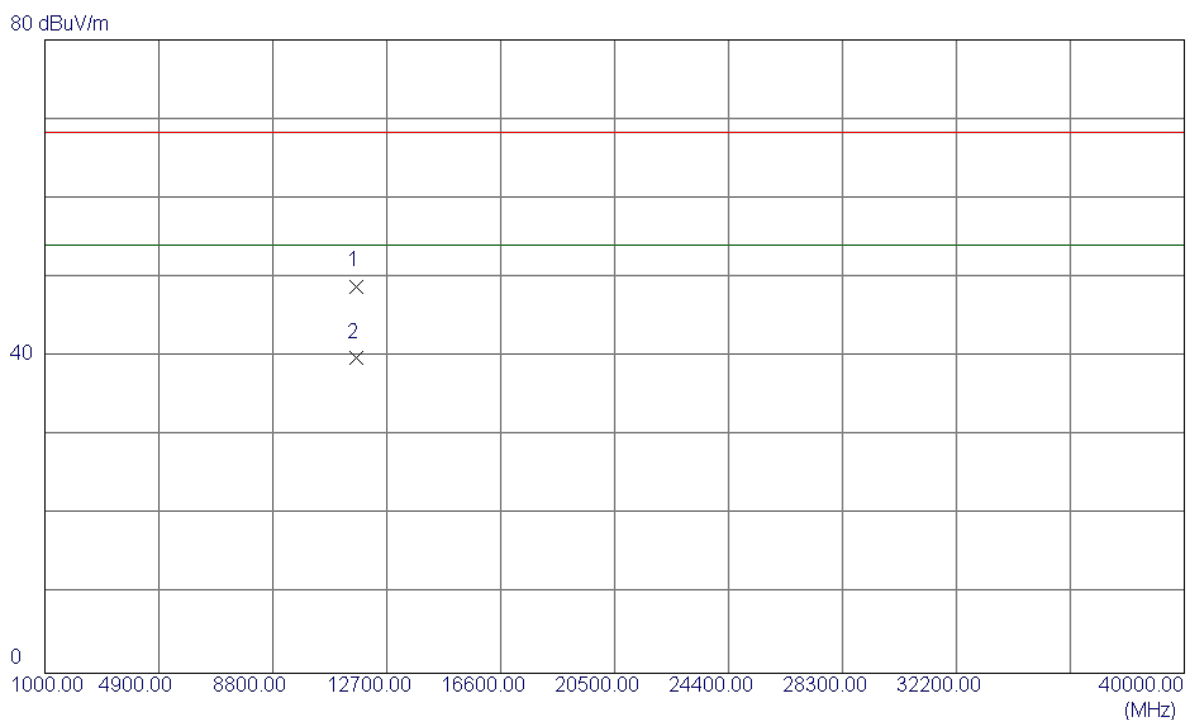
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5829.6000	63.76	43.29	107.05	78.30	28.75	Peak	No Limit
2	5831.1000	55.62	43.29	98.91	68.30	30.61	AVG	No Limit
3	5850.0000	21.87	43.34	65.21	78.30	-13.09	Peak	
4	5850.0000	12.67	43.34	56.01	68.30	-12.29	AVG	
5	5860.0000	21.24	43.36	64.60	78.30	-13.70	Peak	
6	5860.0000	12.51	43.36	55.87	68.30	-12.43	AVG	

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

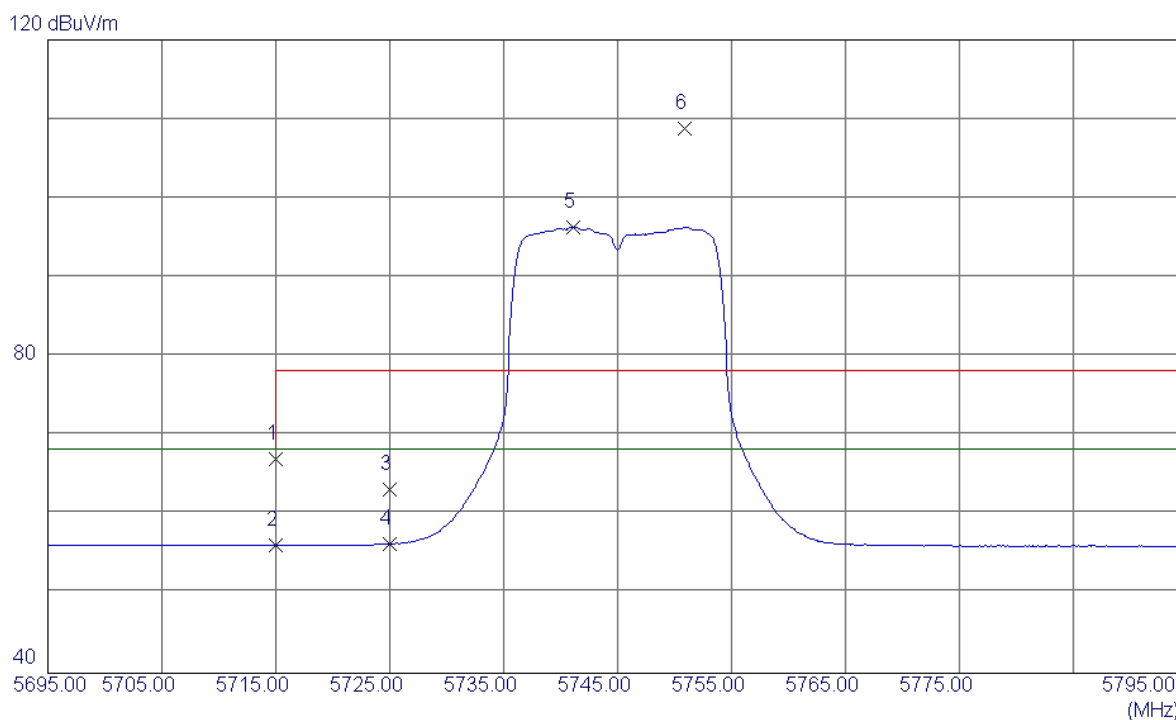
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11650.1000	36.04	12.84	48.88	68.30	-19.42	Peak	
2	11650.1000	26.98	12.84	39.82	54.00	-14.18	AVG	

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

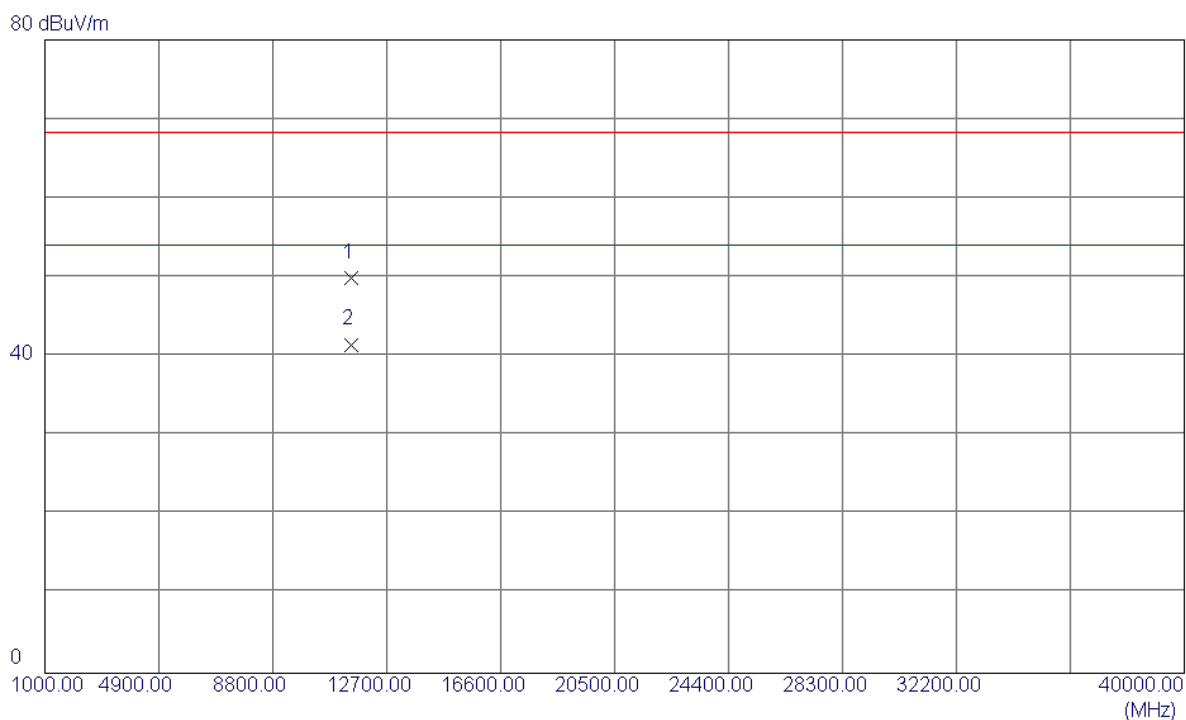
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5715.0000	23.97	43.04	67.01	68.30	-1.29	Peak	
2	5715.0000	13.15	43.04	56.19	68.30	-12.11	AVG	
3	5725.0000	20.14	43.06	63.20	78.30	-15.10	Peak	
4	5725.0000	13.28	43.06	56.34	68.30	-11.96	AVG	
5	5741.1000	53.29	43.10	96.39	68.30	28.09	AVG	No Limit
6	5750.9000	65.63	43.12	108.75	78.30	30.45	Peak	No Limit

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

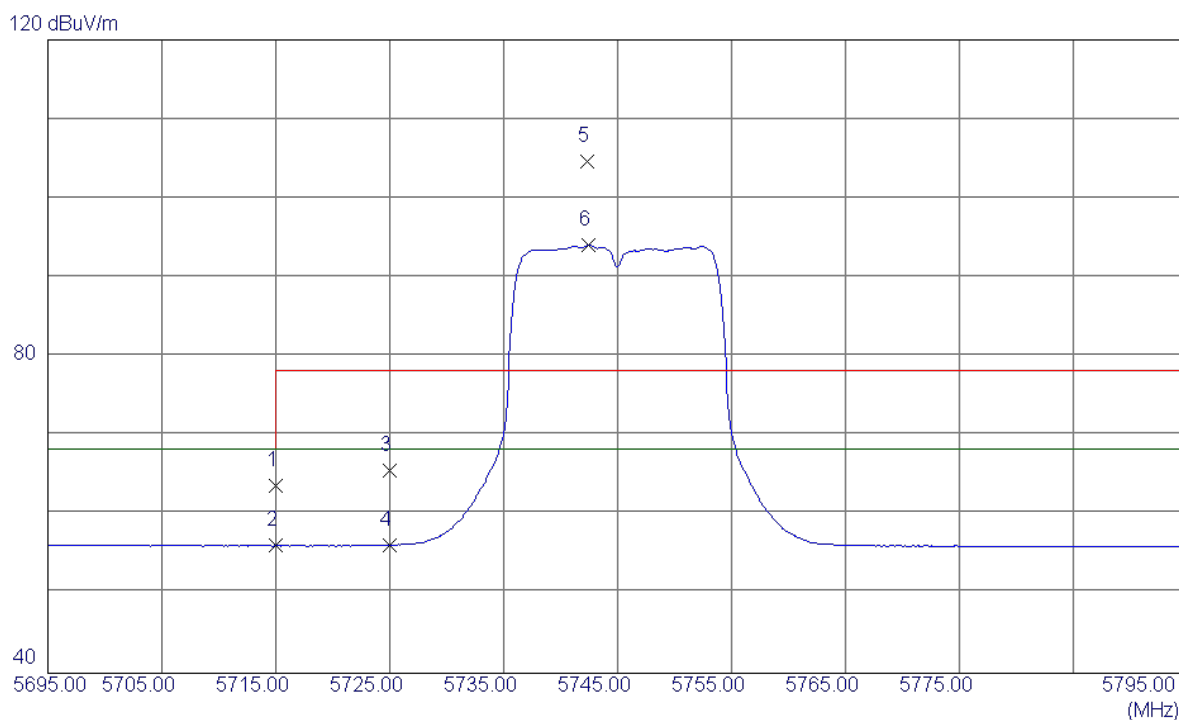
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11490.2000	37.01	12.91	49.92	68.30	-18.38	Peak	
2	11490.2000	28.61	12.91	41.52	54.00	-12.48	AVG	

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

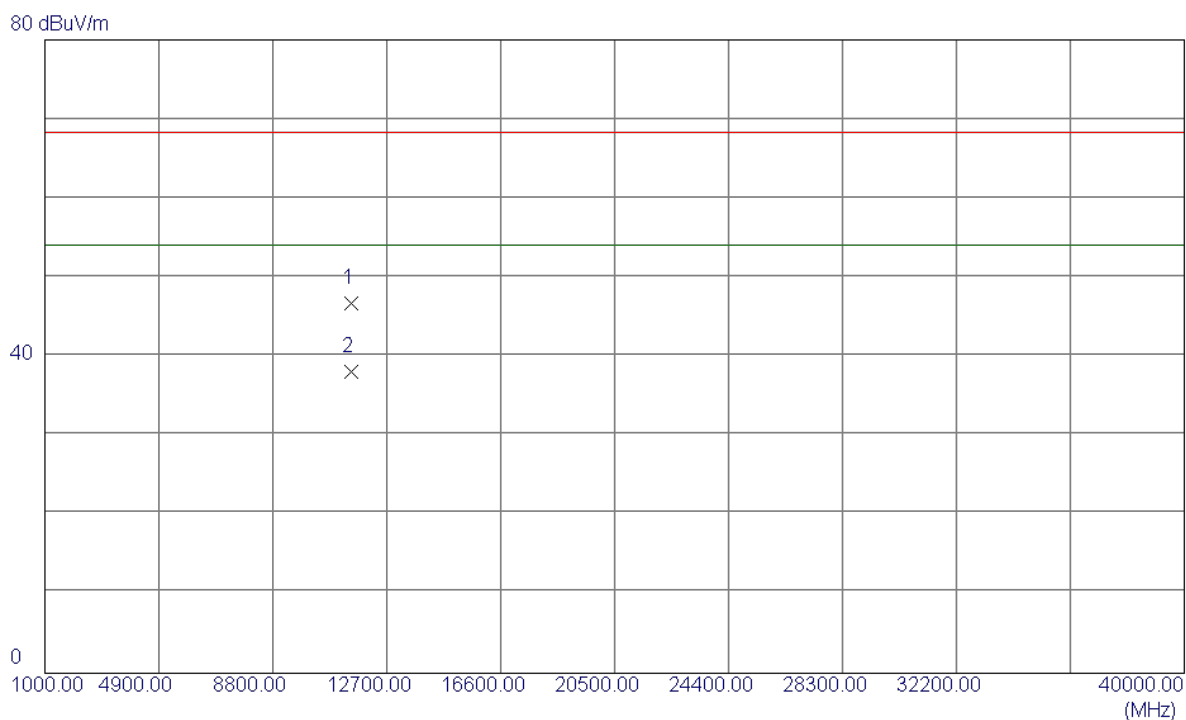
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5715.0000	20.59	43.04	63.63	68.30	-4.67	Peak	
2	5715.0000	13.09	43.04	56.13	68.30	-12.17	AVG	
3	5725.0000	22.47	43.06	65.53	78.30	-12.77	Peak	
4	5725.0000	13.13	43.06	56.19	68.30	-12.11	AVG	
5	5742.3000	61.47	43.10	104.57	78.30	26.27	Peak	No Limit
6	5742.4000	51.00	43.10	94.10	68.30	25.80	AVG	No Limit

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

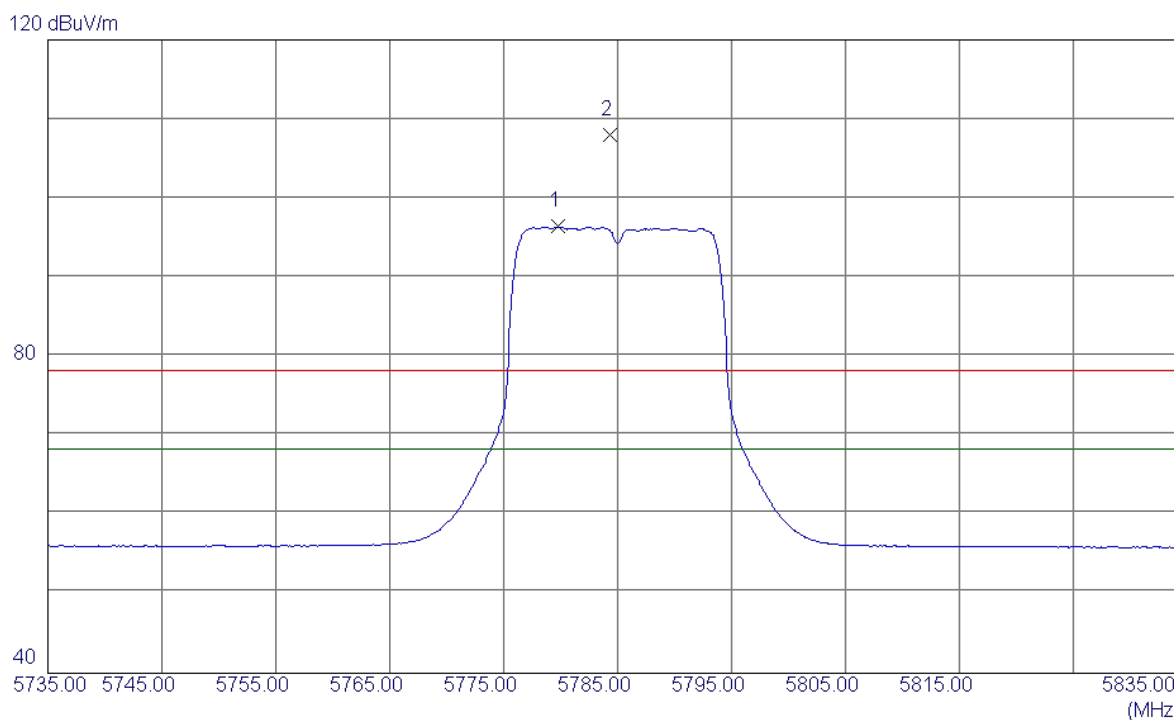
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11490.5100	33.86	12.91	46.77	68.30	-21.53	Peak	
2	11490.5100	25.24	12.91	38.15	54.00	-15.85	AVG	

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

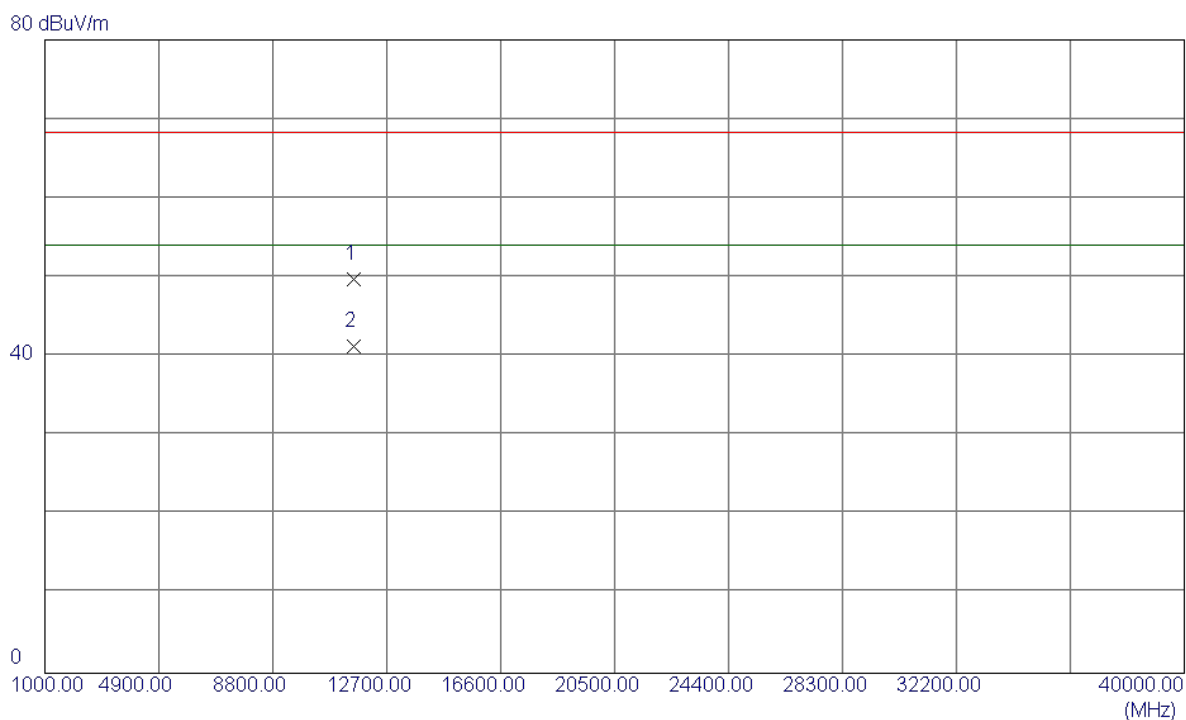
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5779.8000	53.22	43.18	96.40	68.30	28.10	AVG	No Limit
2	5784.3000	64.88	43.19	108.07	78.30	29.77	Peak	No Limit

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

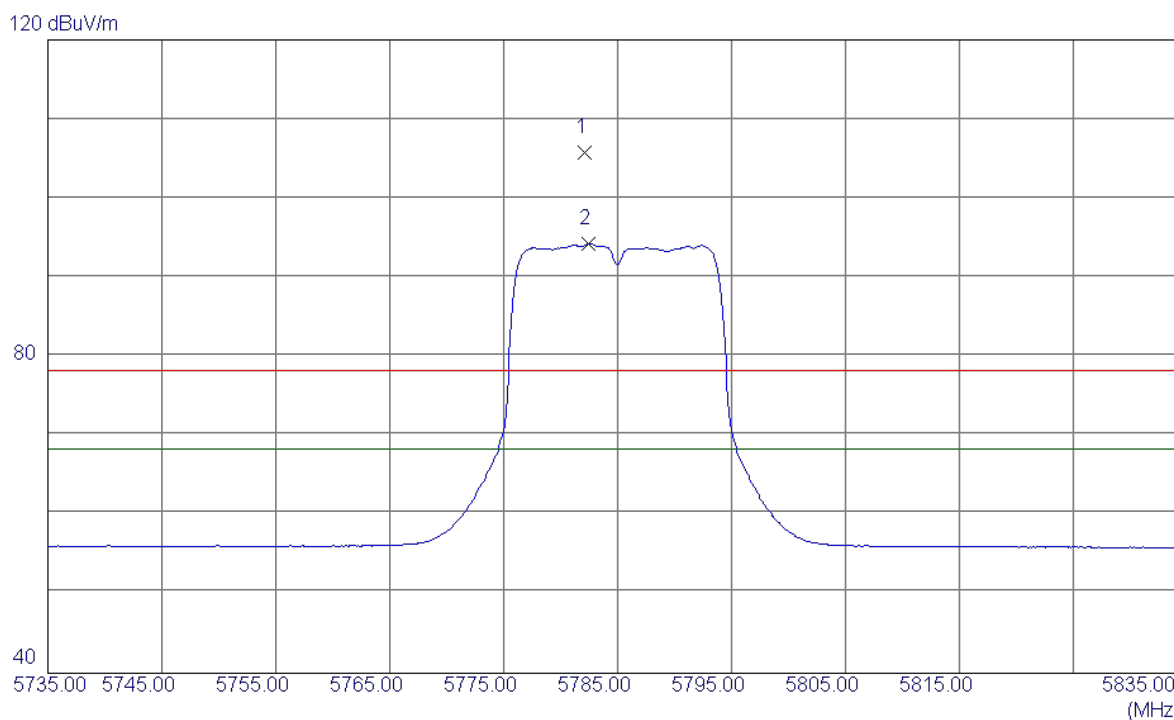
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11570.0000	36.87	12.89	49.76	68.30	-18.54	Peak	
2	11570.0000	28.34	12.89	41.23	54.00	-12.77	AVG	

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

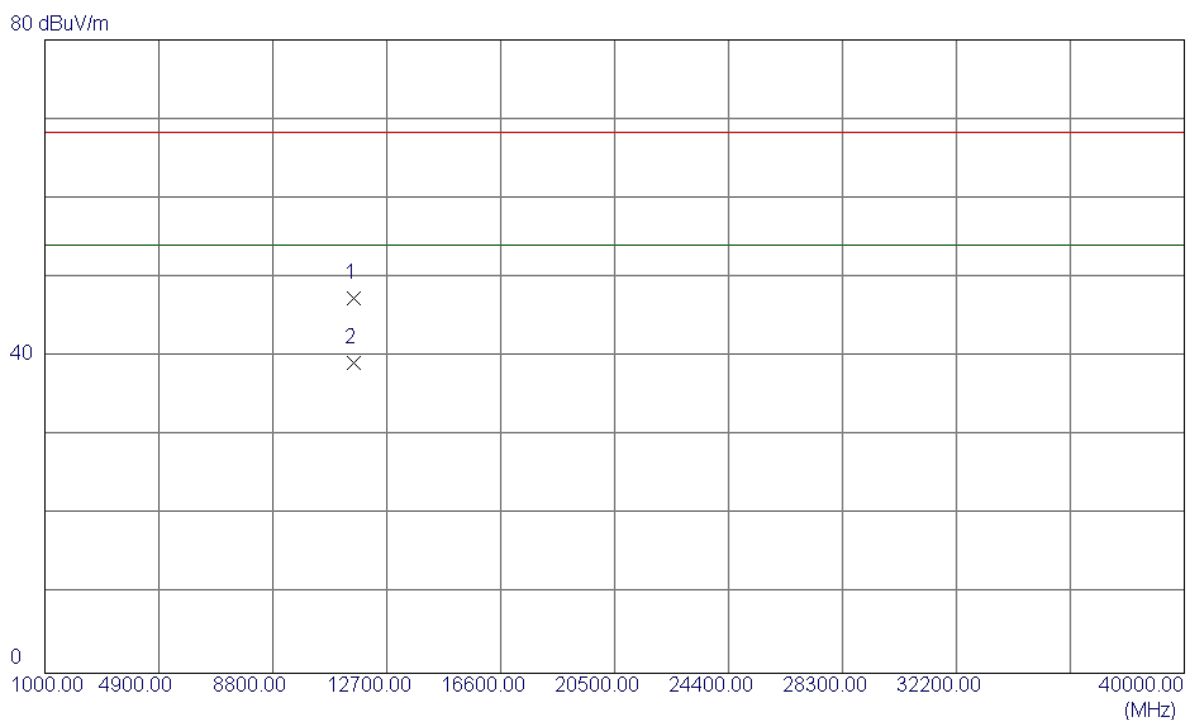
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5782.1000	62.60	43.19	105.79	78.30	27.49	Peak	No Limit
2	5782.4000	51.12	43.19	94.31	68.30	26.01	AVG	No Limit

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

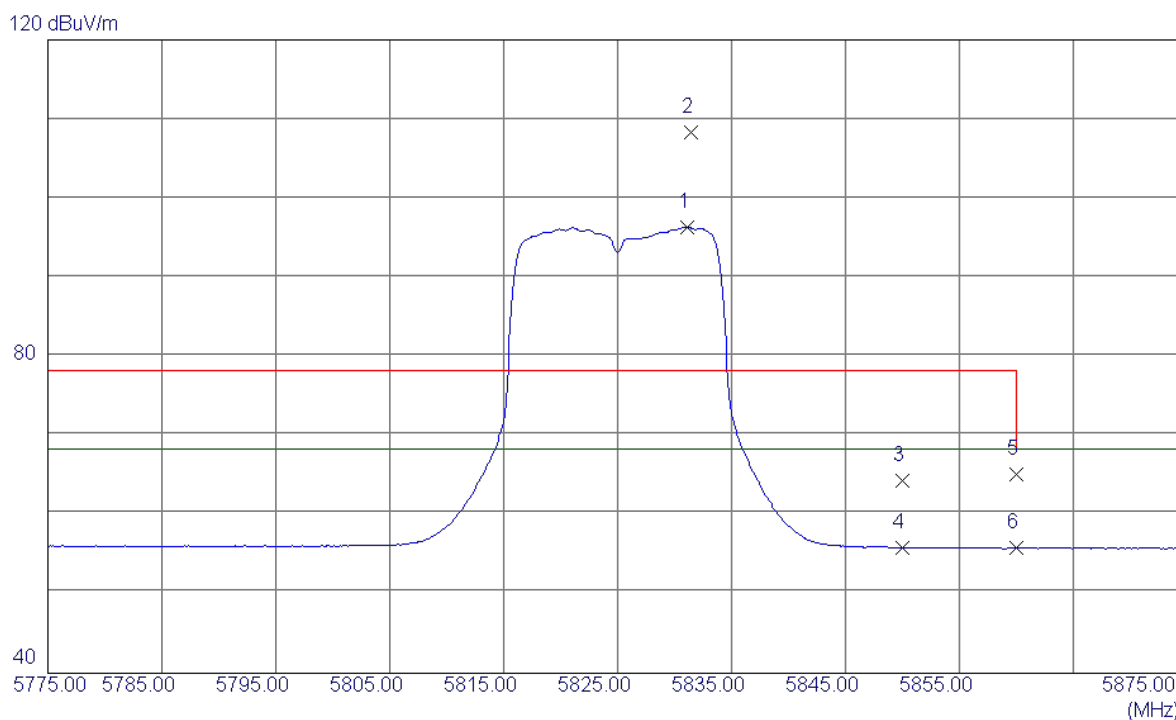
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11571.3400	34.52	12.89	47.41	68.30	-20.89	Peak	
2	11571.3400	26.31	12.89	39.20	54.00	-14.80	AVG	

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

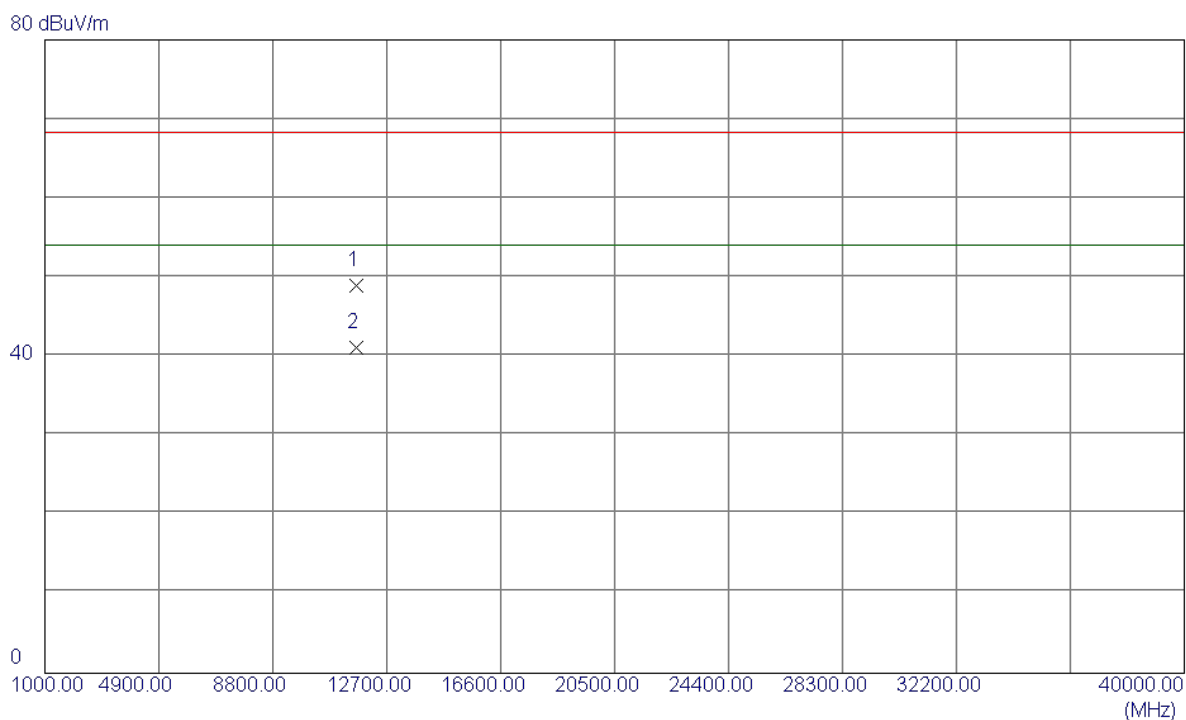
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5831.1000	53.10	43.29	96.39	68.30	28.09	AVG	No Limit
2	5831.4000	65.08	43.30	108.38	78.30	30.08	Peak	No Limit
3	5850.0000	21.02	43.34	64.36	78.30	-13.94	Peak	
4	5850.0000	12.56	43.34	55.90	68.30	-12.40	AVG	
5	5860.0000	21.76	43.36	65.12	78.30	-13.18	Peak	
6	5860.0000	12.45	43.36	55.81	68.30	-12.49	AVG	

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

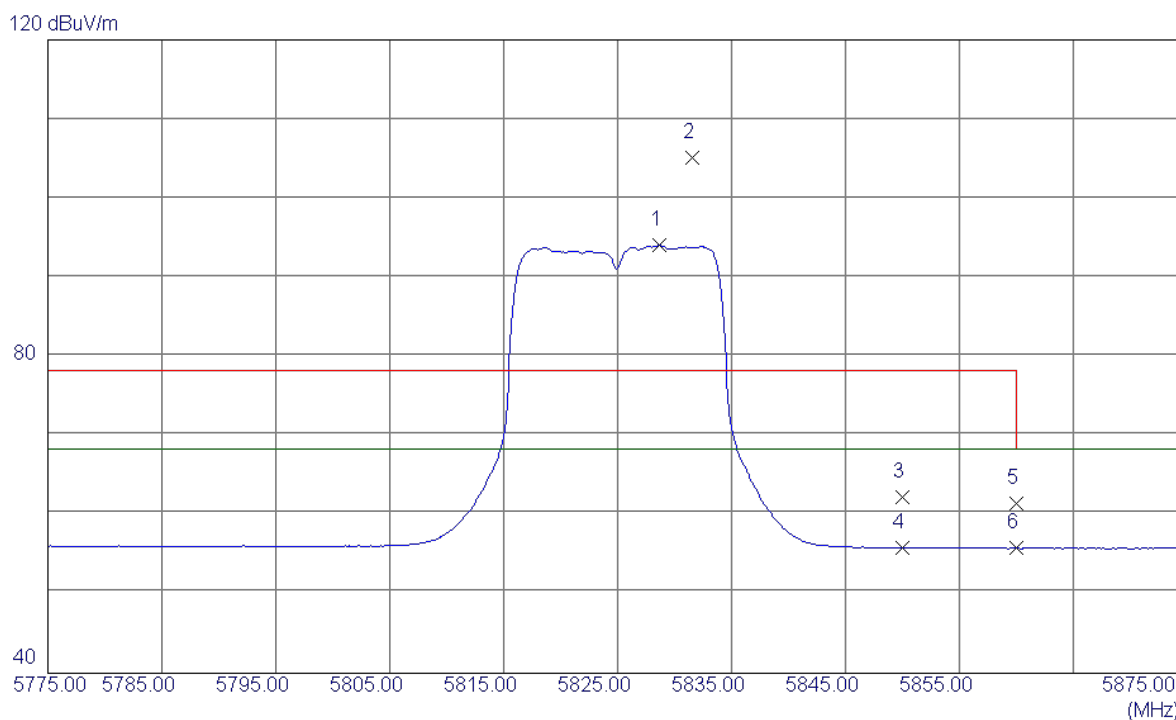
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11650.1100	36.14	12.84	48.98	68.30	-19.32	Peak	
2	11650.1100	28.32	12.84	41.16	54.00	-12.84	AVG	

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

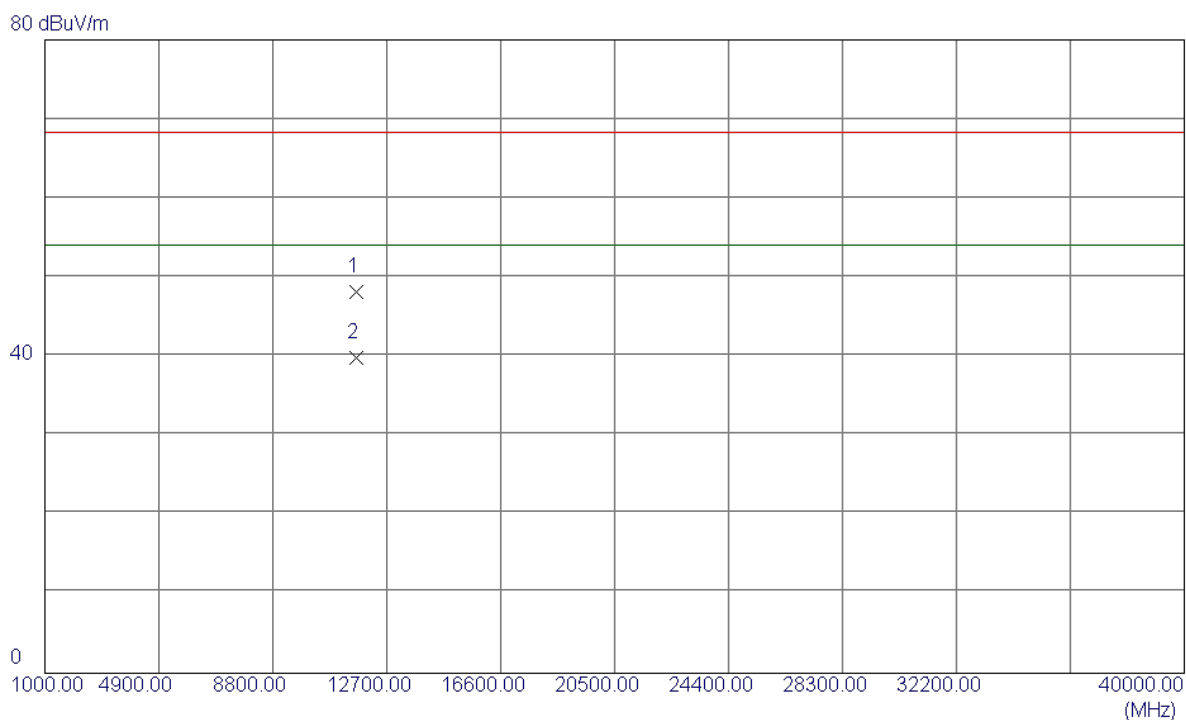
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5828.7000	50.73	43.29	94.02	68.30	25.72	AVG	No Limit
2	5831.6000	61.74	43.30	105.04	78.30	26.74	Peak	No Limit
3	5850.0000	18.95	43.34	62.29	78.30	-16.01	Peak	
4	5850.0000	12.48	43.34	55.82	68.30	-12.48	AVG	
5	5860.0000	18.10	43.36	61.46	78.30	-16.84	Peak	
6	5860.0000	12.42	43.36	55.78	68.30	-12.52	AVG	

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

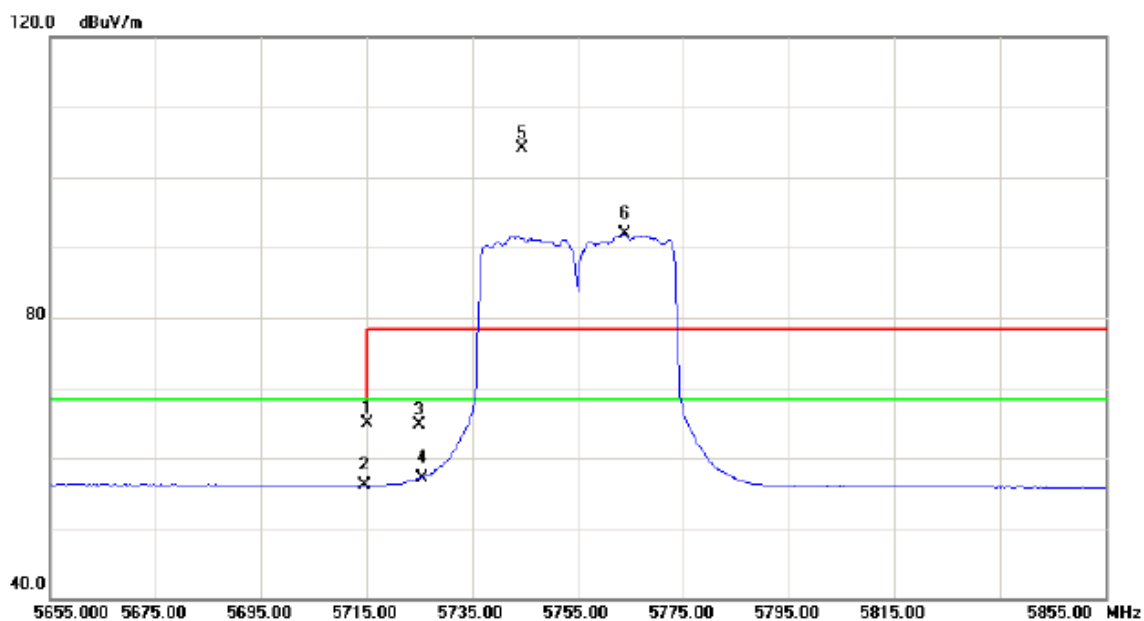
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11650.3000	35.28	12.84	48.12	68.30	-20.18	Peak	
2	11650.3000	27.04	12.84	39.88	54.00	-14.12	AVG	

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

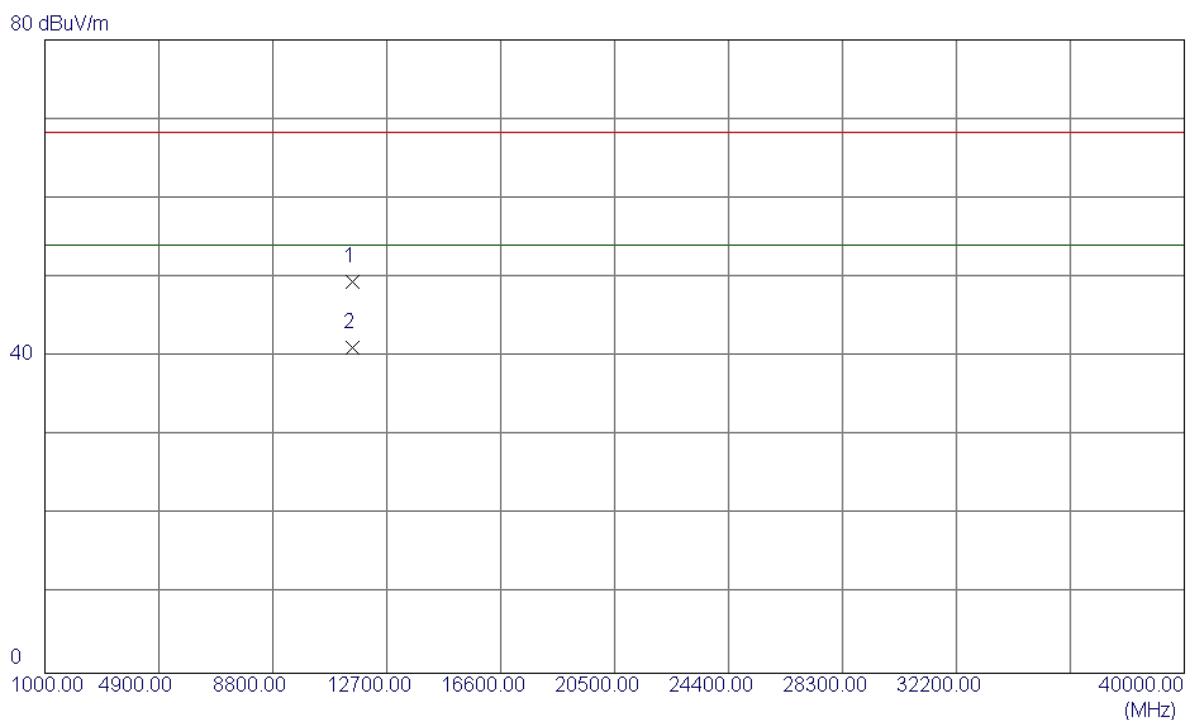
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5715.000	21.81	43.03	64.84	68.30	-3.46	peak	
2		5715.000	13.10	43.03	56.13	68.30	-12.17	AVG	
3		5725.000	21.60	43.06	64.66	78.30	-13.64	peak	
4		5725.000	14.11	43.06	57.17	68.30	-11.13	AVG	
5	*	5744.400	60.94	43.10	104.04	78.30	25.74	peak	No Limit
6	X	5763.800	48.84	43.14	91.98	68.30	23.68	AVG	No Limit

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

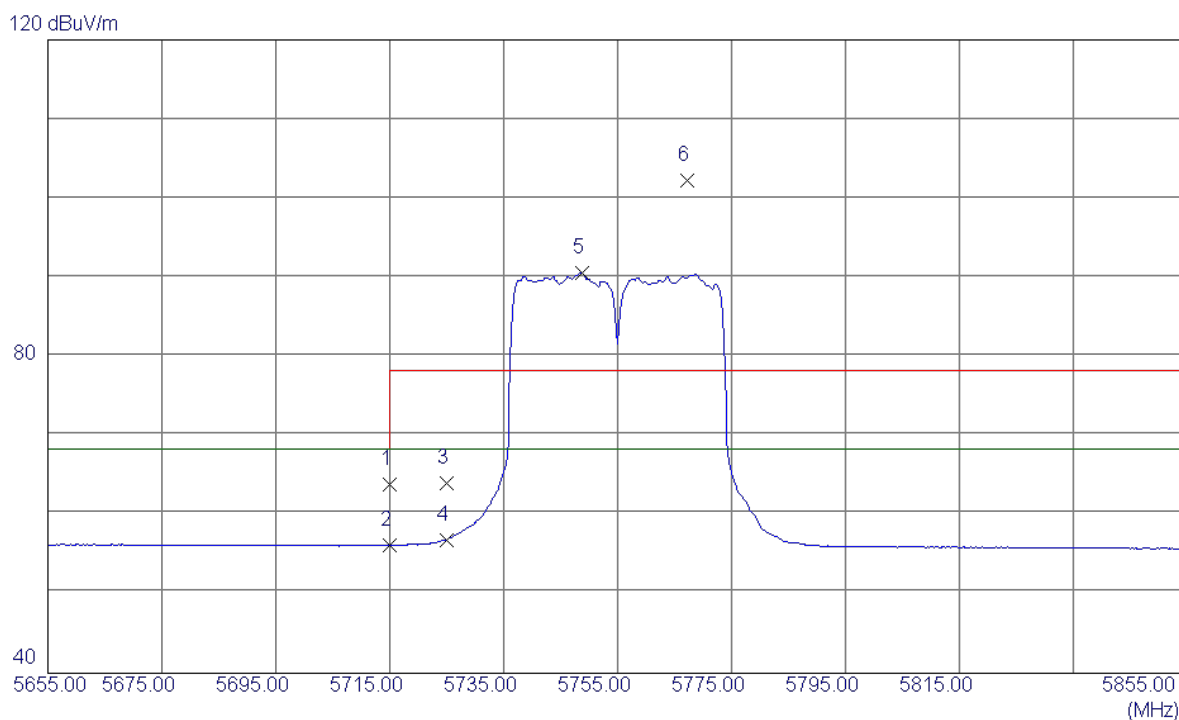
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11509.8600	36.53	12.93	49.46	68.30	-18.84	Peak	
2	11509.8600	28.18	12.93	41.11	54.00	-12.89	AVG	

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

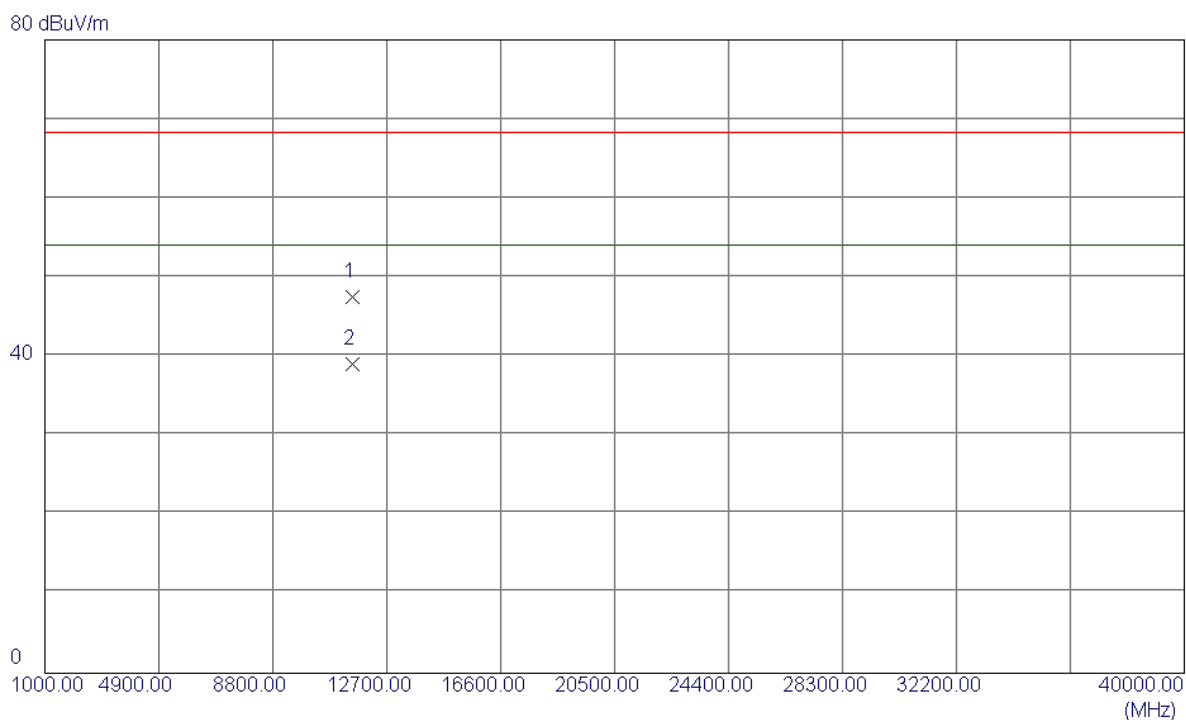
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5715.0000	20.75	43.04	63.79	68.30	-4.51	Peak	
2	5715.0000	13.08	43.04	56.12	68.30	-12.18	AVG	
3	5725.0000	20.95	43.06	64.01	78.30	-14.29	Peak	
4	5725.0000	13.81	43.06	56.87	68.30	-11.43	AVG	
5	5748.8000	47.42	43.11	90.53	68.30	22.23	AVG	No Limit
6	5767.2000	59.06	43.15	102.21	78.30	23.91	Peak	No Limit

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

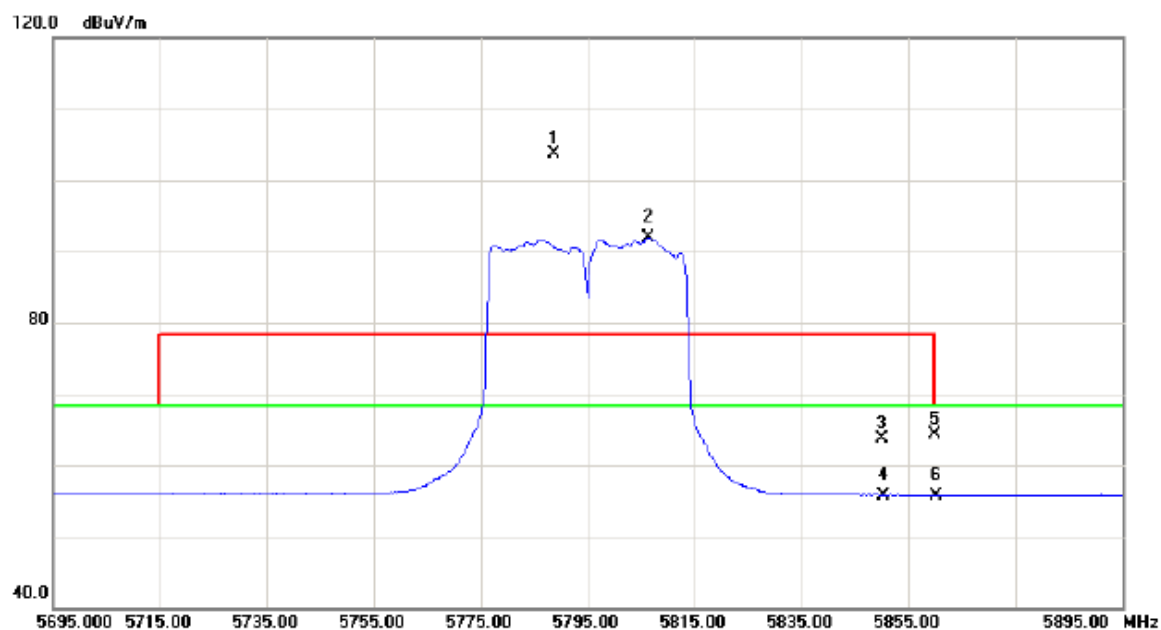
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11510.1500	34.54	12.93	47.47	68.30	-20.83	Peak	
2	11510.1500	26.15	12.93	39.08	54.00	-14.92	AVG	

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

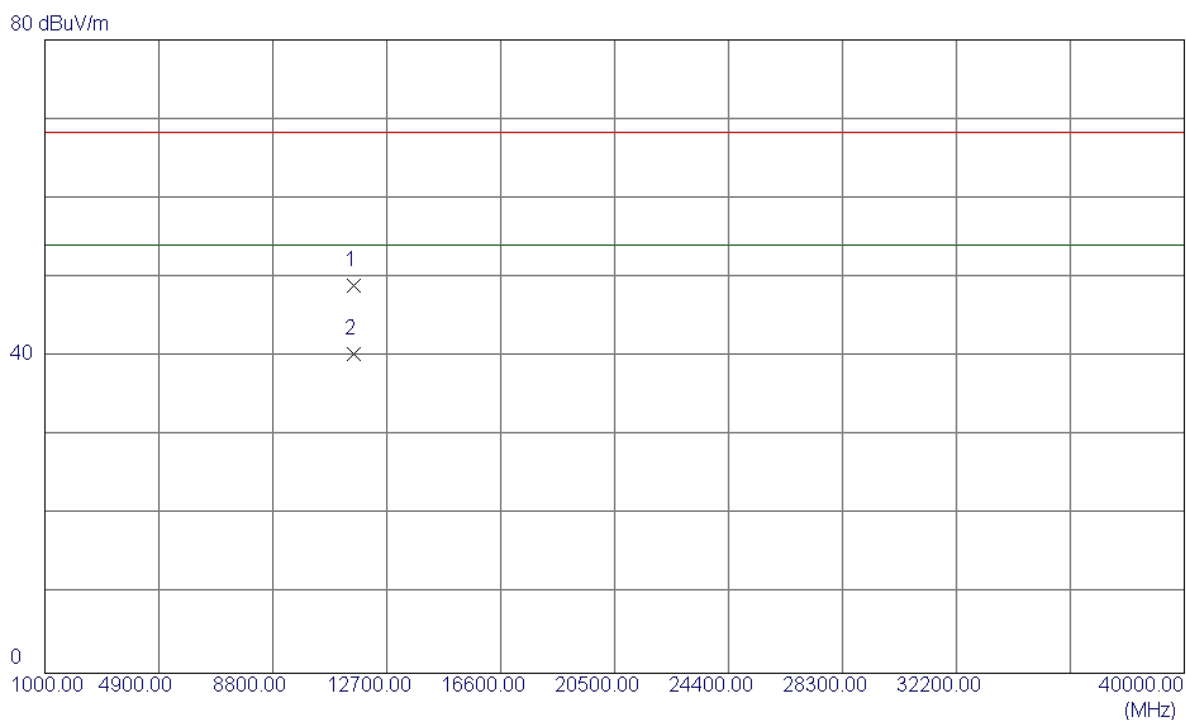
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	5788.800	60.55	43.20	103.75	78.30	25.45	peak	No Limit
2	X	5806.200	48.66	43.24	91.90	68.30	23.60	AVG	No Limit
3		5850.000	20.32	43.34	63.66	78.30	-14.64	peak	
4		5850.000	12.46	43.34	55.80	68.30	-12.50	AVG	
5		5860.000	20.86	43.36	64.22	68.30	-4.08	peak	
6		5860.000	12.40	43.36	55.76	68.30	-12.54	AVG	

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

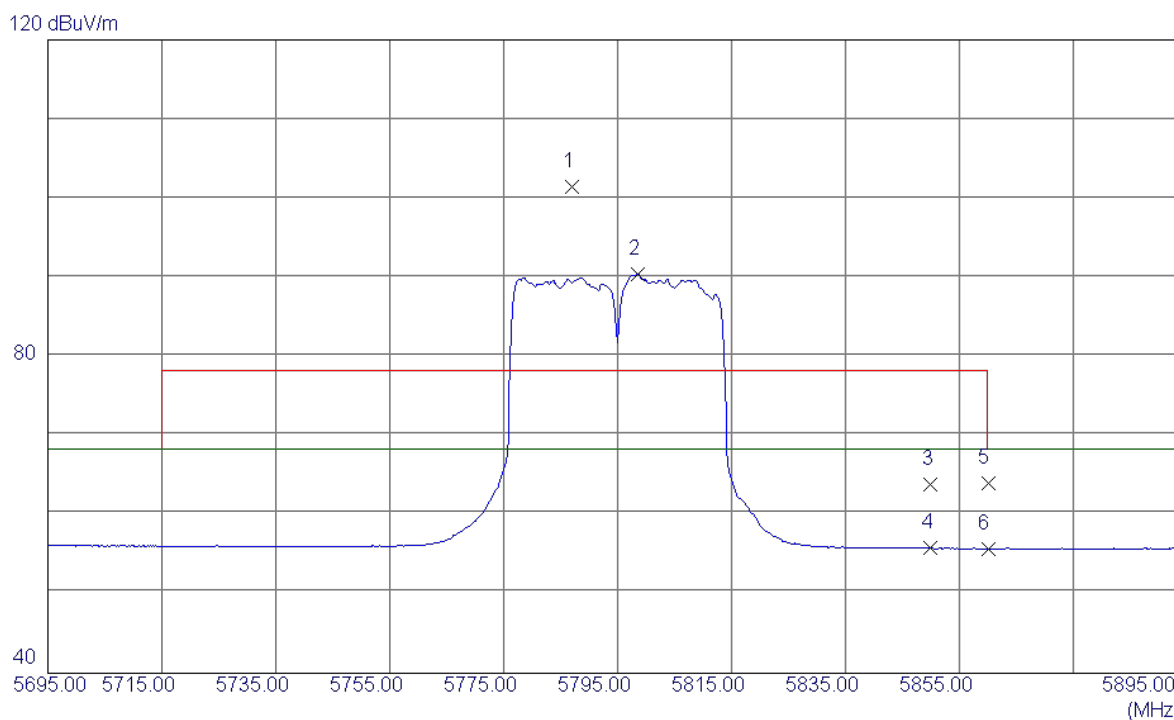
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11590.1100	36.15	12.88	49.03	68.30	-19.27	Peak	
2	11590.1100	27.44	12.88	40.32	54.00	-13.68	AVG	

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

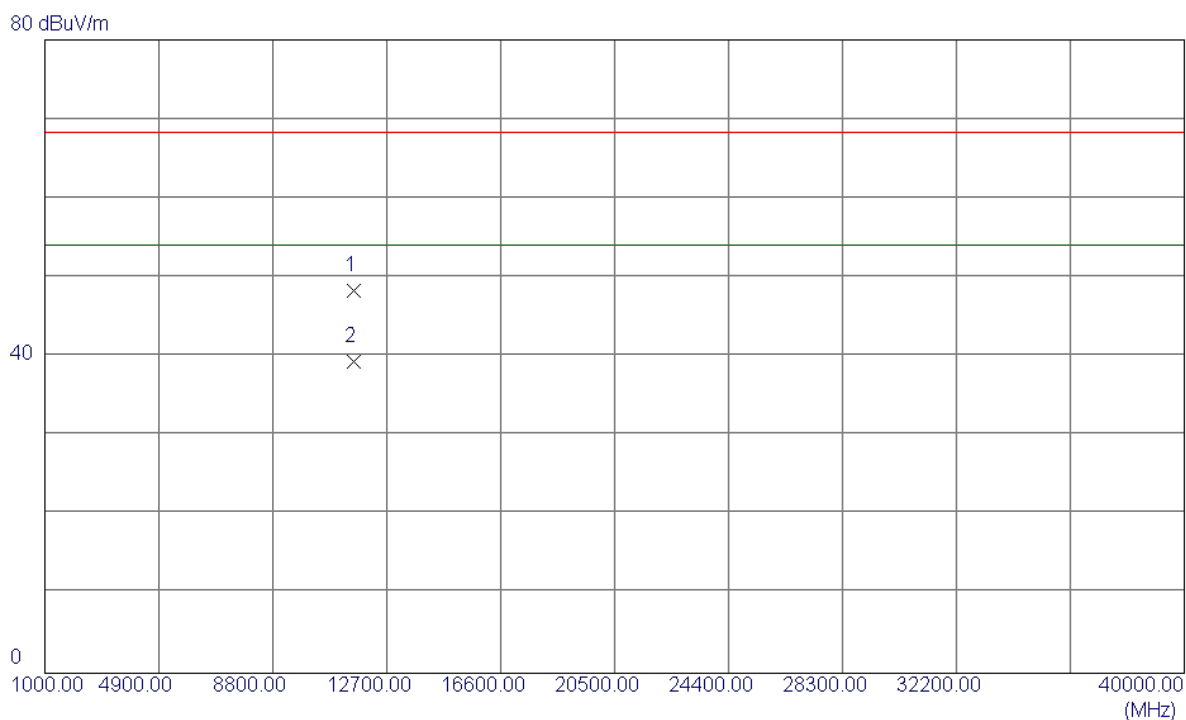
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5787.0000	58.17	43.20	101.37	78.30	23.07	Peak	No Limit
2	5798.6000	47.20	43.22	90.42	68.30	22.12	AVG	No Limit
3	5850.0000	20.44	43.34	63.78	78.30	-14.52	Peak	
4	5850.0000	12.46	43.34	55.80	68.30	-12.50	AVG	
5	5860.0000	20.66	43.36	64.02	78.30	-14.28	Peak	
6	5860.0000	12.35	43.36	55.71	68.30	-12.59	AVG	

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

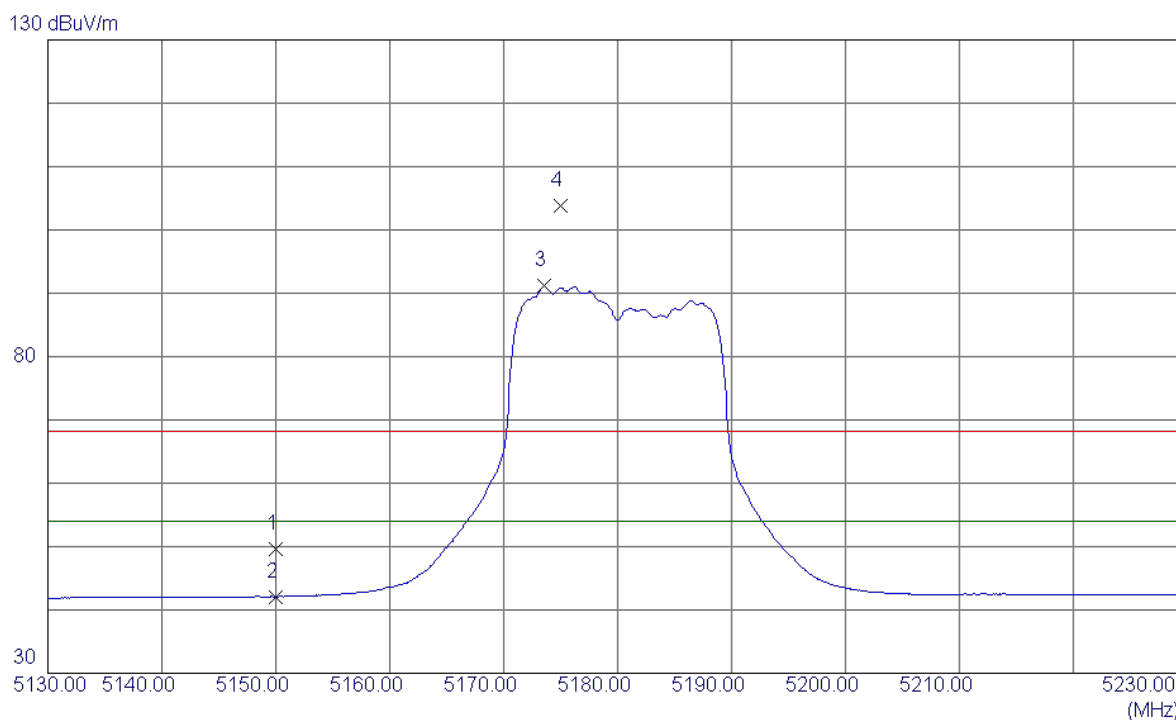
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11589.9100	35.48	12.88	48.36	68.30	-19.94	Peak	
2	11589.9100	26.43	12.88	39.31	54.00	-14.69	AVG	

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

Vertical

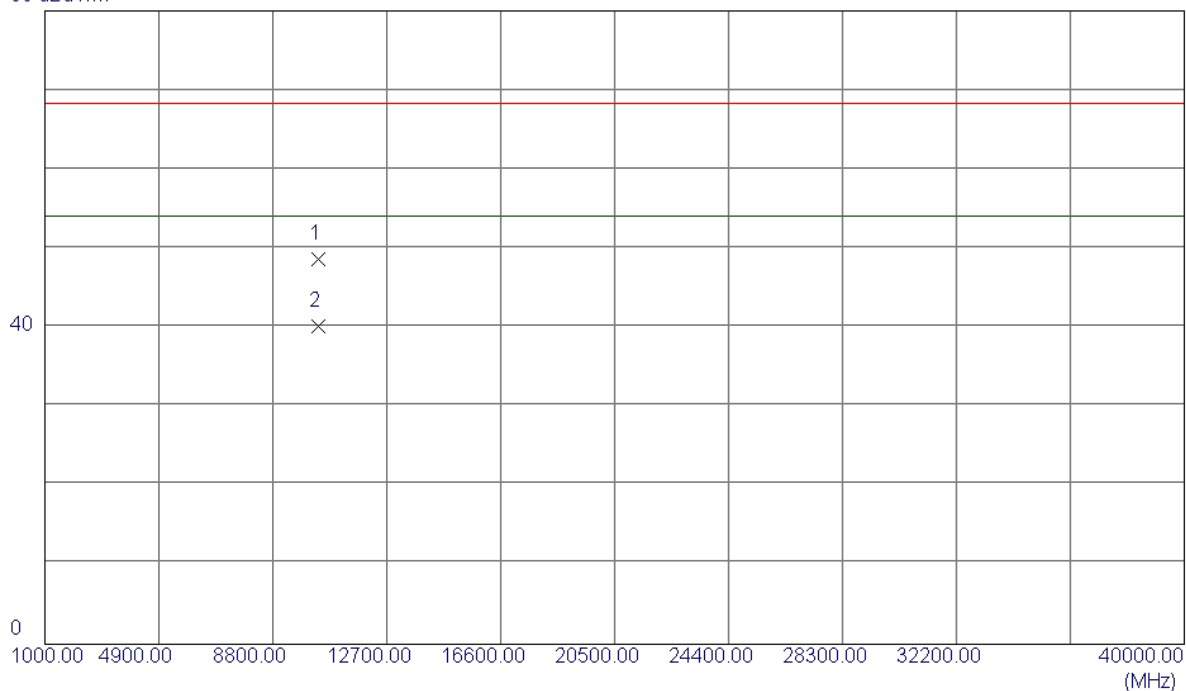


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5150.0000	8.19	41.40	49.59	68.30	-18.71	Peak	
2	5150.0000	0.69	41.40	42.09	54.00	-11.91	AVG	
3	5173.6000	49.66	41.48	91.14	54.00	37.14	AVG	No Limit
4	5175.0000	62.35	41.49	103.84	68.30	35.54	Peak	No Limit

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

Vertical

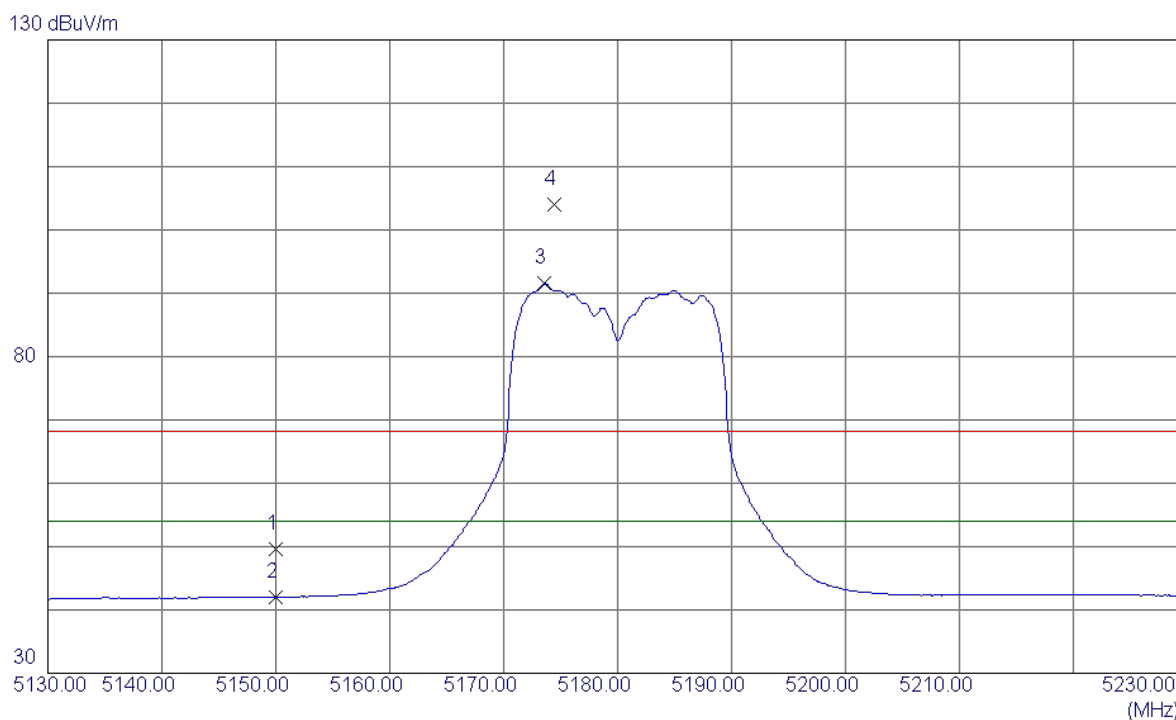
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10359.2900	37.54	11.11	48.65	68.30	-19.65	Peak	
2	10359.2900	29.10	11.11	40.21	54.00	-13.79	AVG	

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

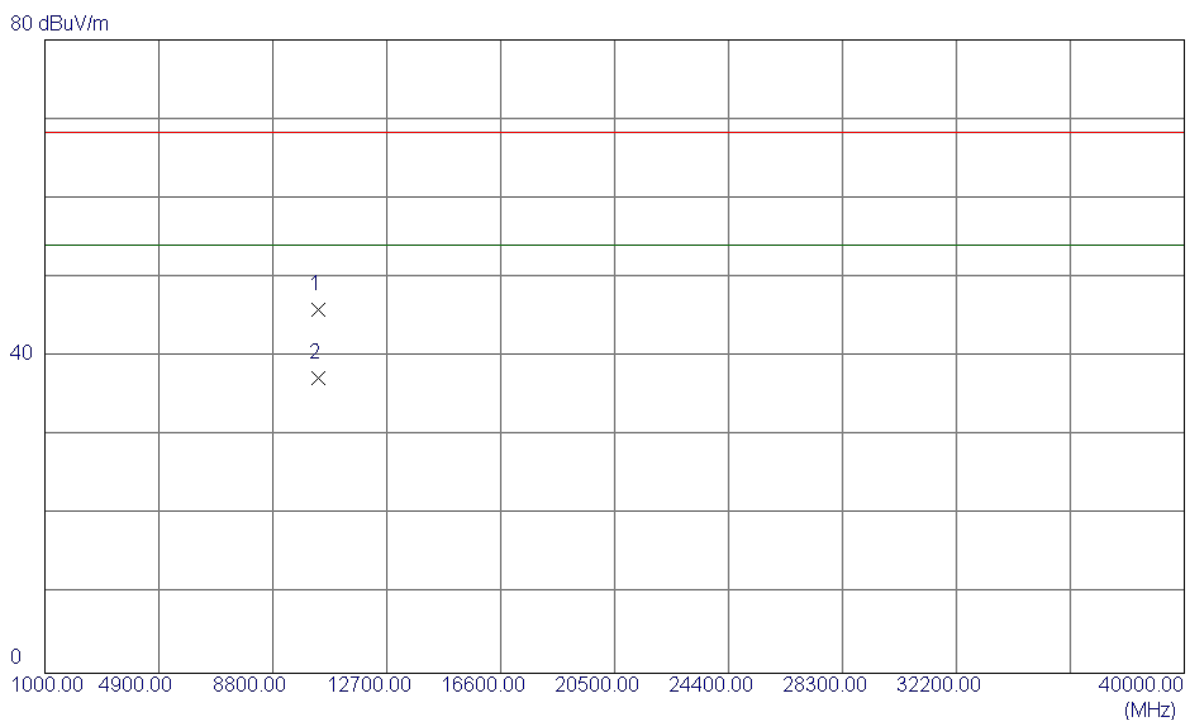
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5150.0000	8.27	41.40	49.67	68.30	-18.63	Peak	
2	5150.0000	0.61	41.40	42.01	54.00	-11.99	AVG	
3	5173.6000	50.09	41.48	91.57	54.00	37.57	AVG	No Limit
4	5174.4000	62.43	41.49	103.92	68.30	35.62	Peak	No Limit

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

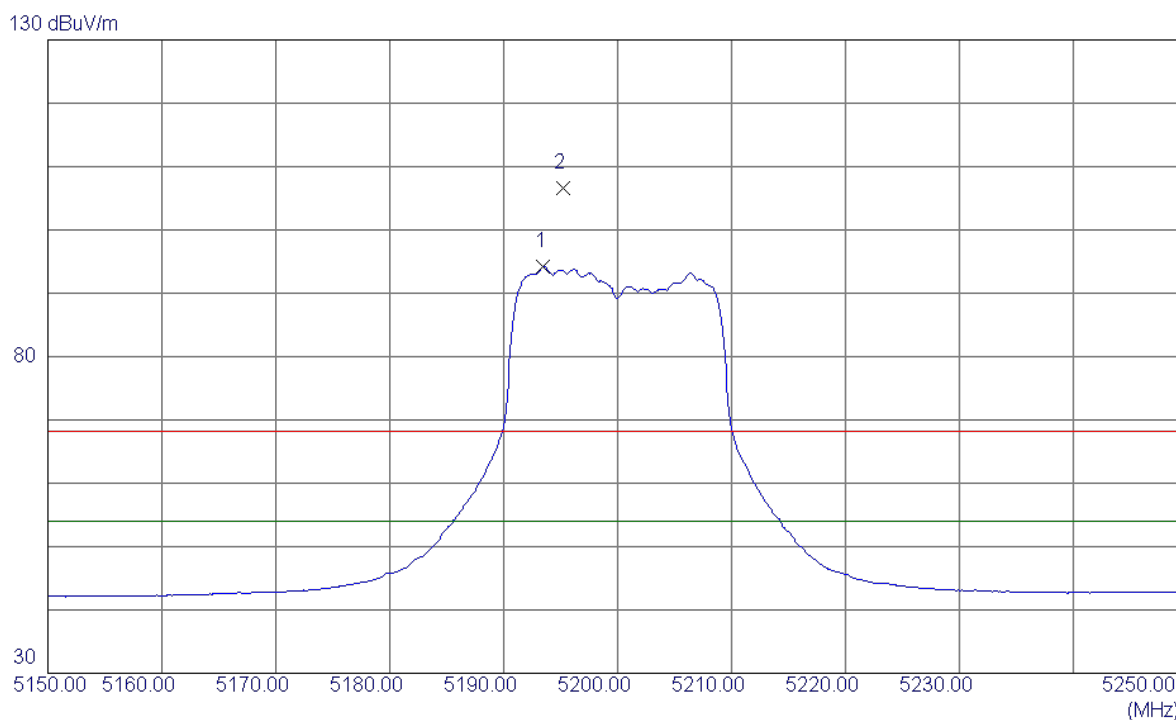
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10360.1700	34.86	11.11	45.97	68.30	-22.33	Peak	
2	10360.1700	26.15	11.11	37.26	54.00	-16.74	AVG	

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

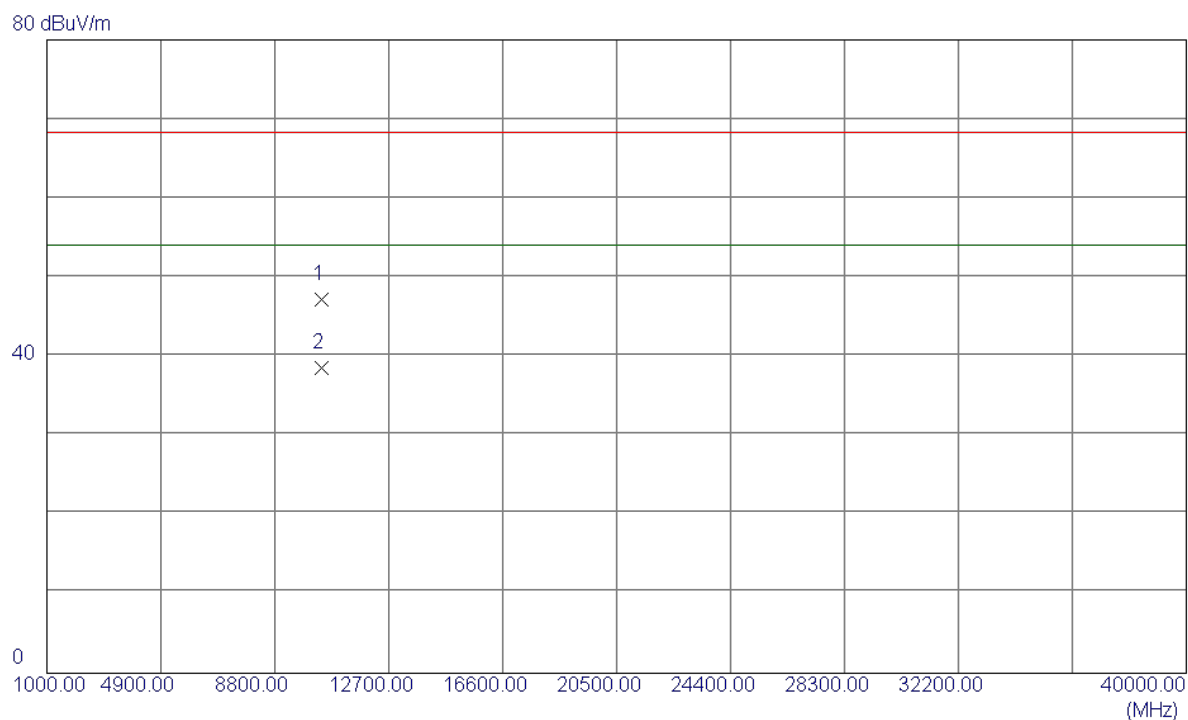
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5193.5000	52.74	41.55	94.29	54.00	40.29	AVG	No Limit
2	5195.2000	65.08	41.55	106.63	68.30	38.33	Peak	No Limit

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

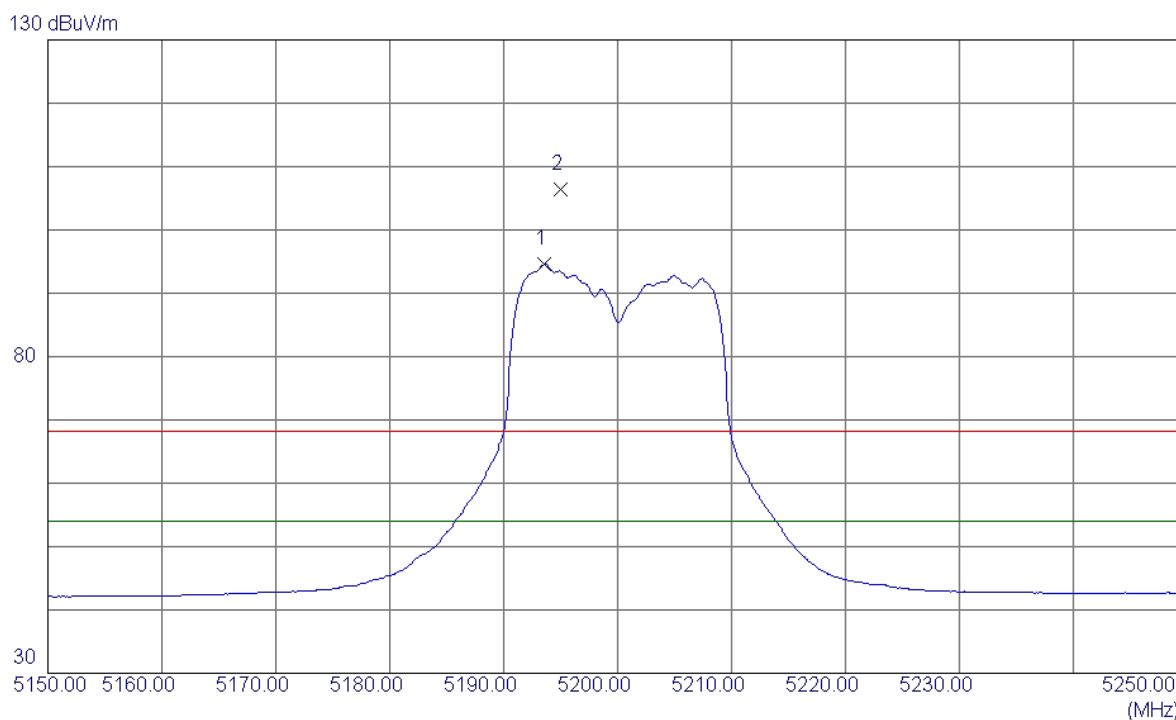
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10401.6400	36.17	11.05	47.22	68.30	-21.08	Peak	
2	10401.6400	27.54	11.05	38.59	54.00	-15.41	AVG	

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

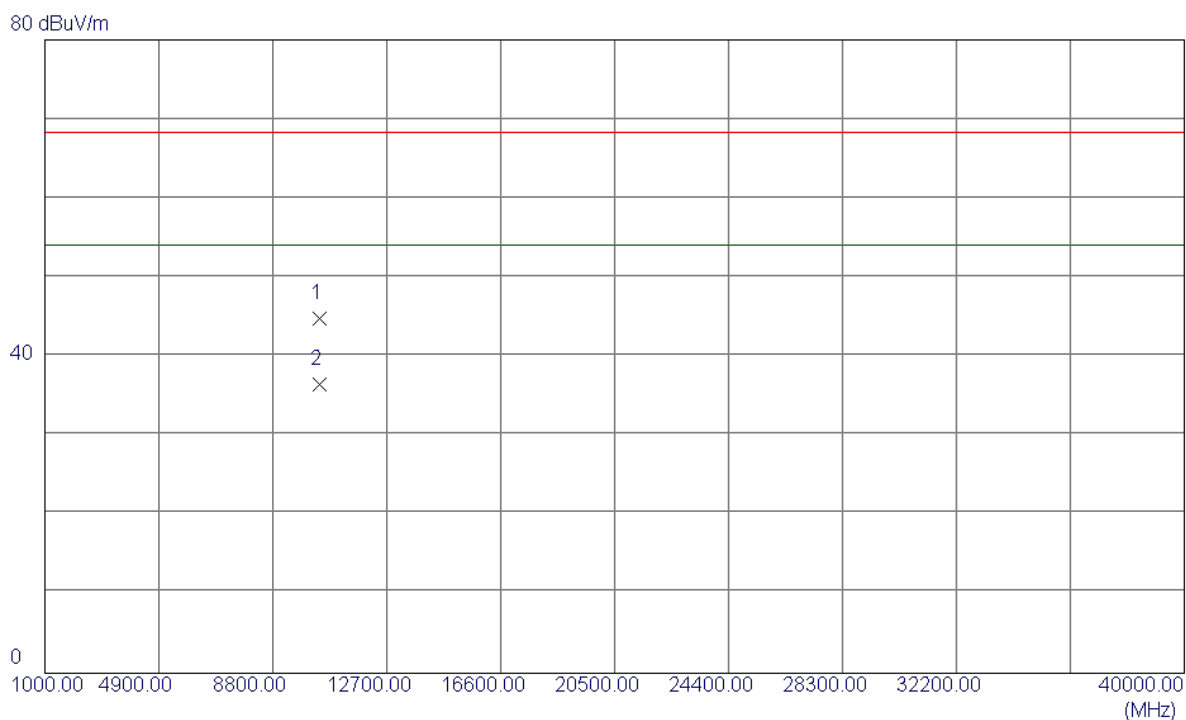
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5193.6000	53.14	41.55	94.69	54.00	40.69	AVG	No Limit
2	5195.0000	64.80	41.55	106.35	68.30	38.05	Peak	No Limit

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

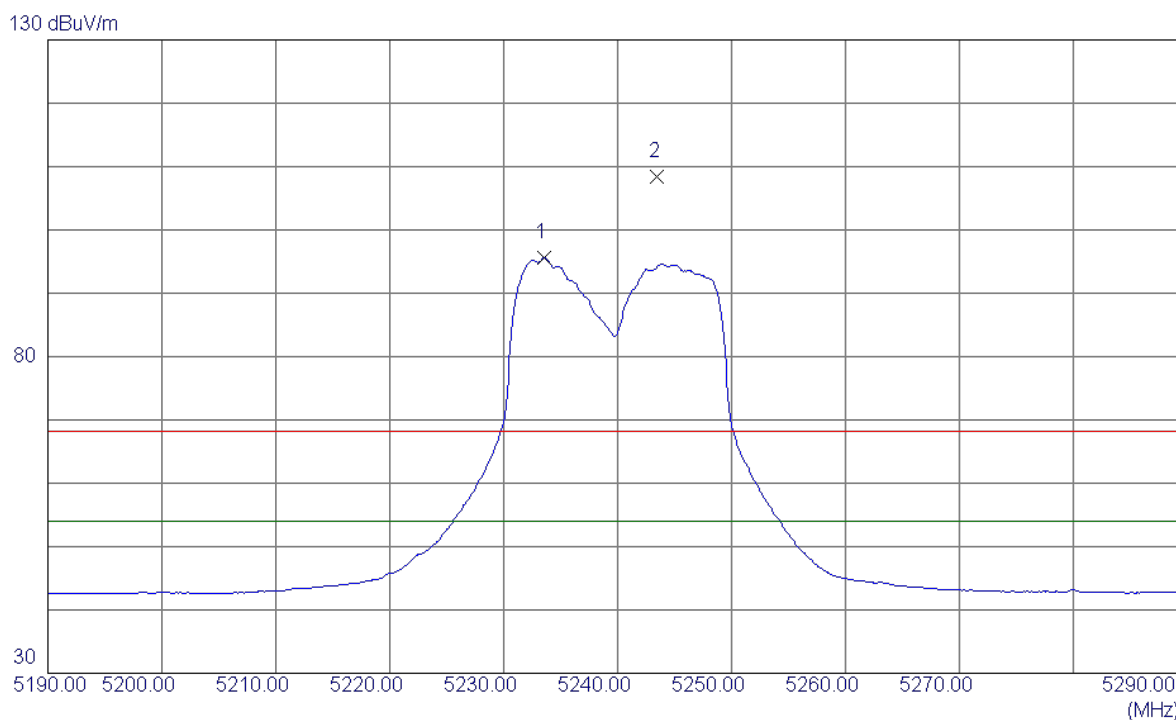
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10400.7400	33.69	11.05	44.74	68.30	-23.56	Peak	
2	10400.7400	25.42	11.05	36.47	54.00	-17.53	AVG	

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

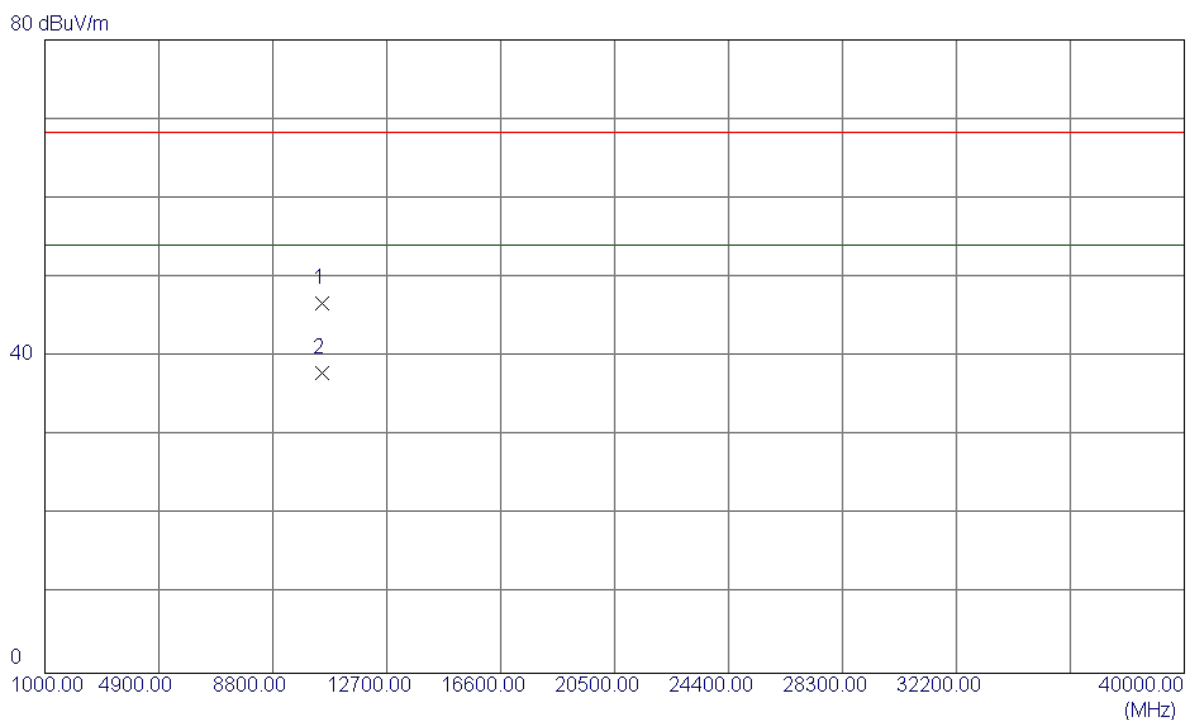
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5233.6000	53.98	41.68	95.66	54.00	41.66	AVG	No Limit
2	5243.5000	66.61	41.71	108.32	68.30	40.02	Peak	No Limit

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

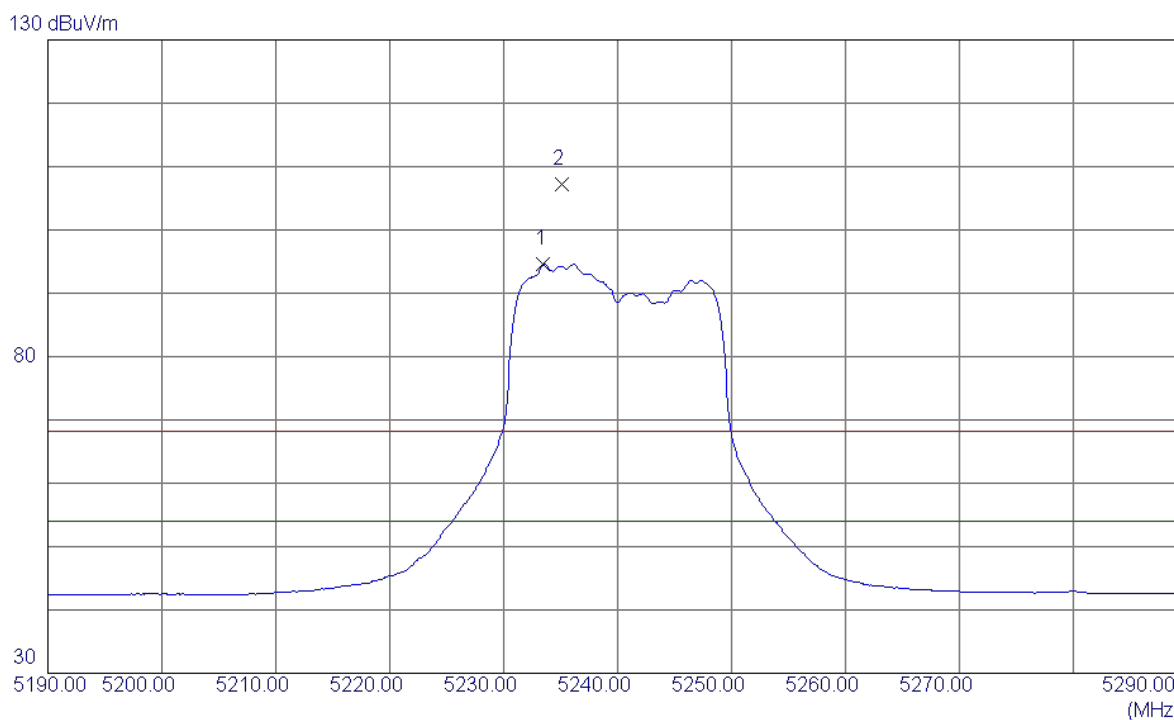
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10480.5199	35.72	10.94	46.66	68.30	-21.64	Peak	
2	10480.5199	27.02	10.94	37.96	54.00	-16.04	AVG	

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

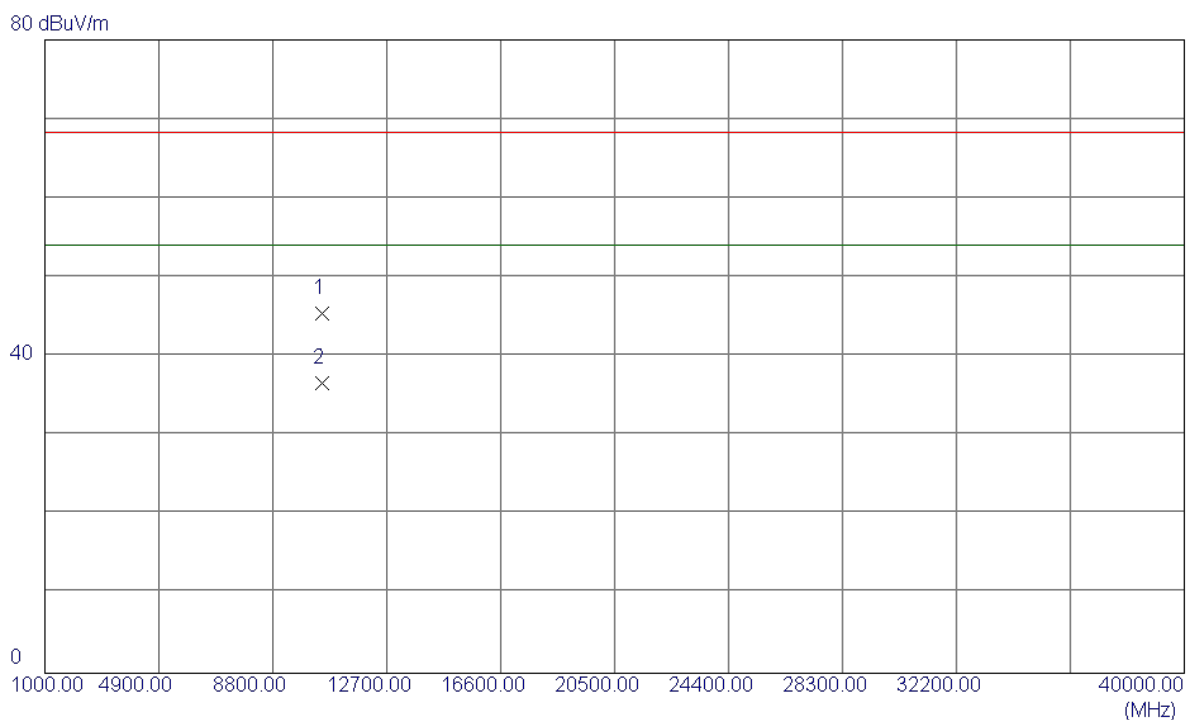
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5233.5000	52.88	41.68	94.56	54.00	40.56	AVG	No Limit
2	5235.1000	65.60	41.69	107.29	68.30	38.99	Peak	No Limit

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

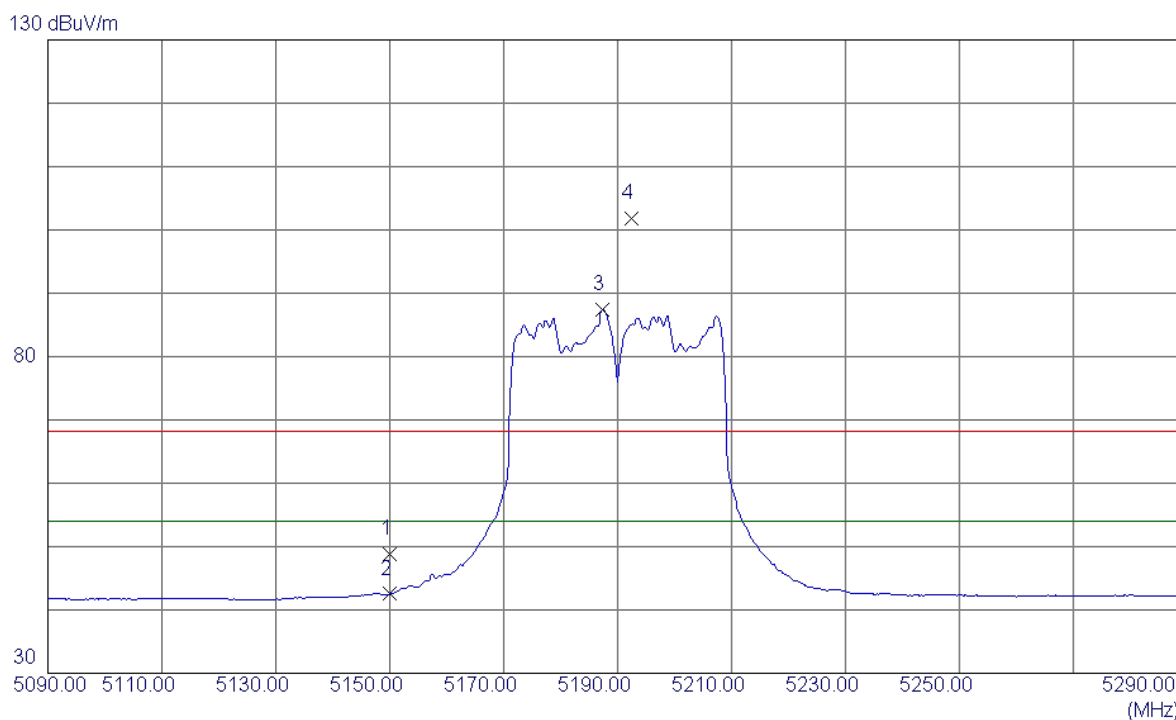
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10479.6800	34.52	10.94	45.46	68.30	-22.84	Peak	
2	10479.6800	25.74	10.94	36.68	54.00	-17.32	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC40 Mode 5190MHz

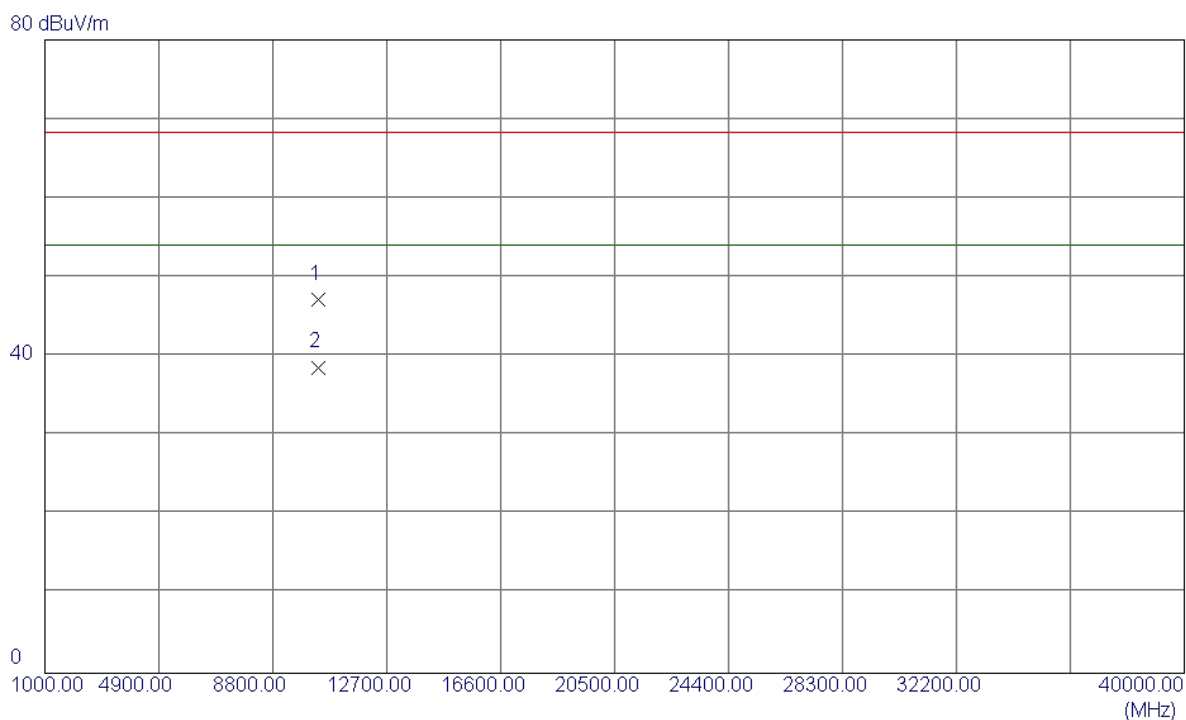
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5150.0000	7.40	41.40	48.80	68.30	-19.50	Peak	
2	5150.0000	1.10	41.40	42.50	54.00	-11.50	AVG	
3	5187.4000	45.83	41.53	87.36	54.00	33.36	AVG	No Limit
4	5192.4000	60.33	41.54	101.87	68.30	33.57	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC40 Mode 5190MHz

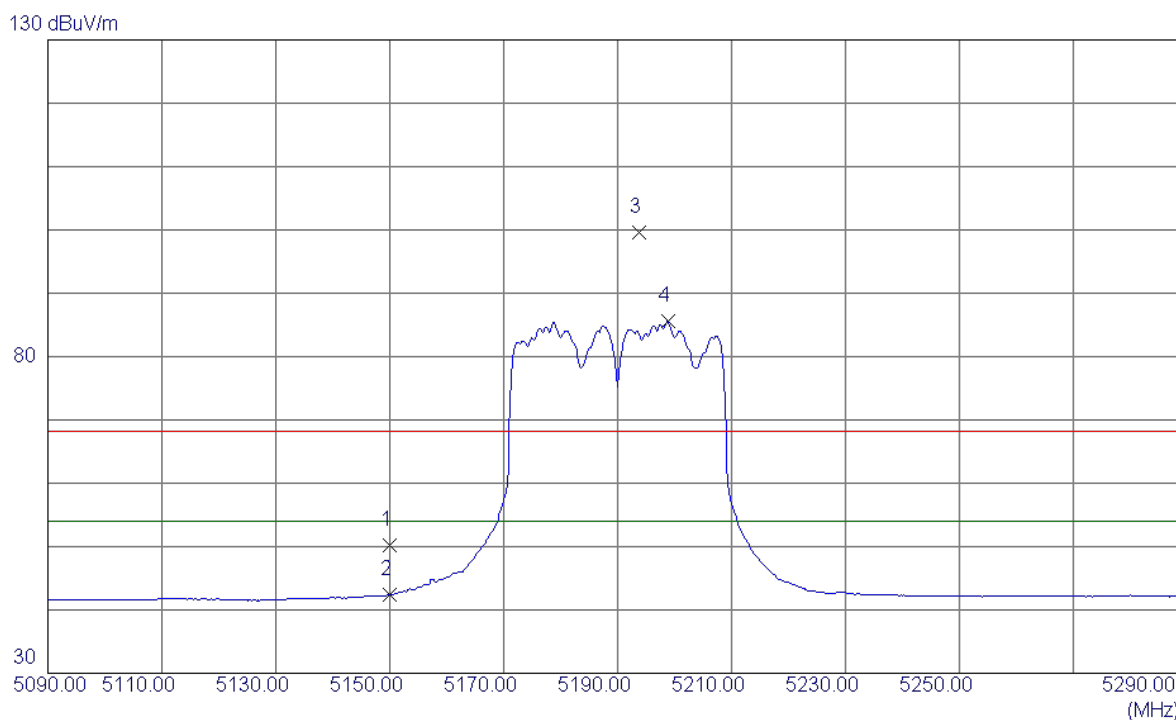
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10379.6400	36.14	11.08	47.22	68.30	-21.08	Peak	
2	10379.6400	27.56	11.08	38.64	54.00	-15.36	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC40 Mode 5190MHz

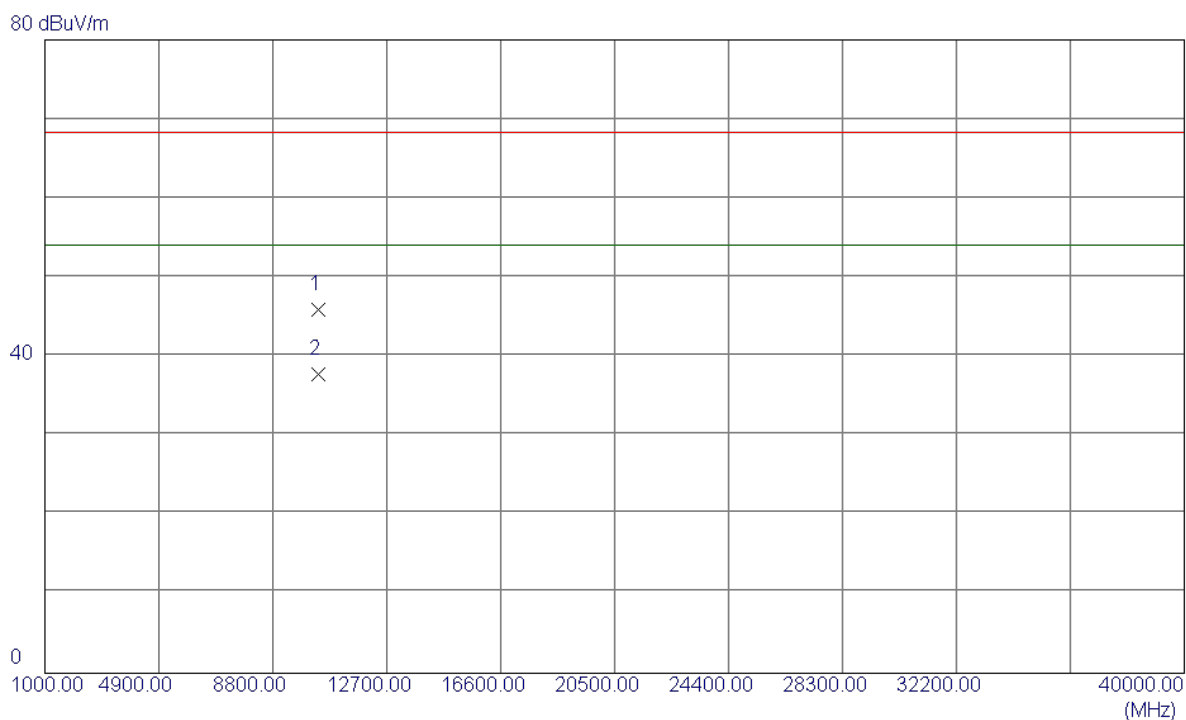
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5150.0000	8.72	41.40	50.12	68.30	-18.18	Peak	
2	5150.0000	0.95	41.40	42.35	54.00	-11.65	AVG	
3	5193.8000	58.08	41.55	99.63	68.30	31.33	Peak	No Limit
4	5198.8000	44.03	41.57	85.60	54.00	31.60	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC40 Mode 5190MHz

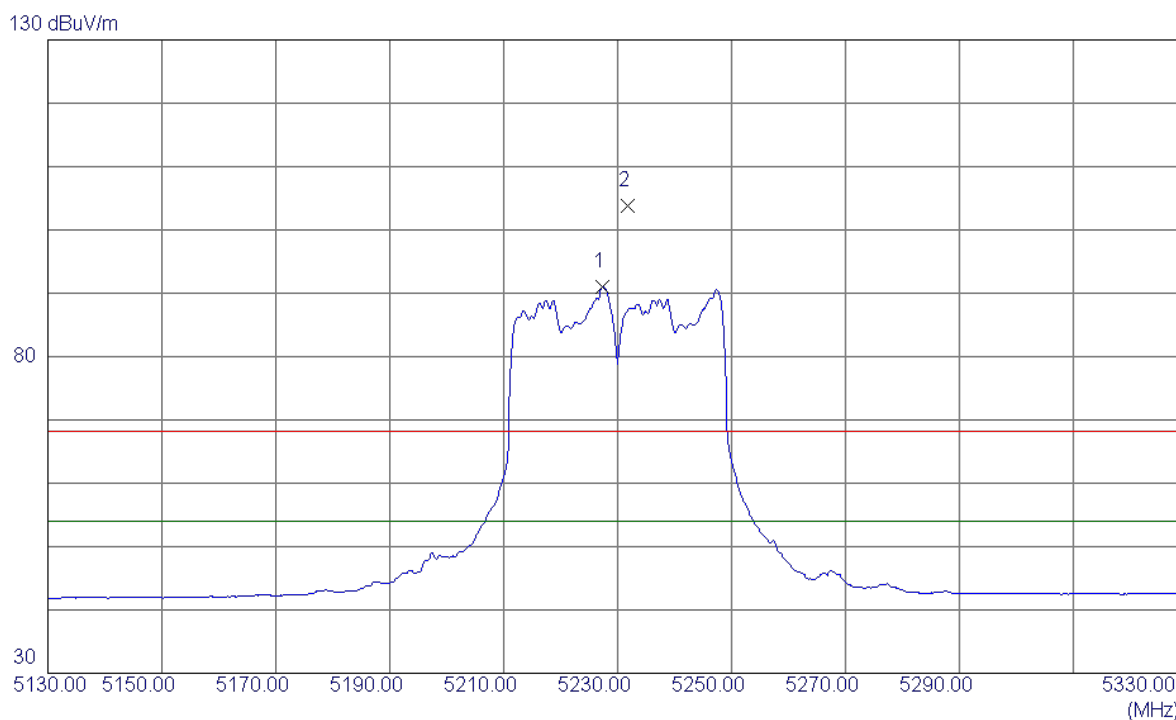
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10380.5400	34.89	11.08	45.97	68.30	-22.33	Peak	
2	10380.5400	26.74	11.08	37.82	54.00	-16.18	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC40 Mode 5230MHz

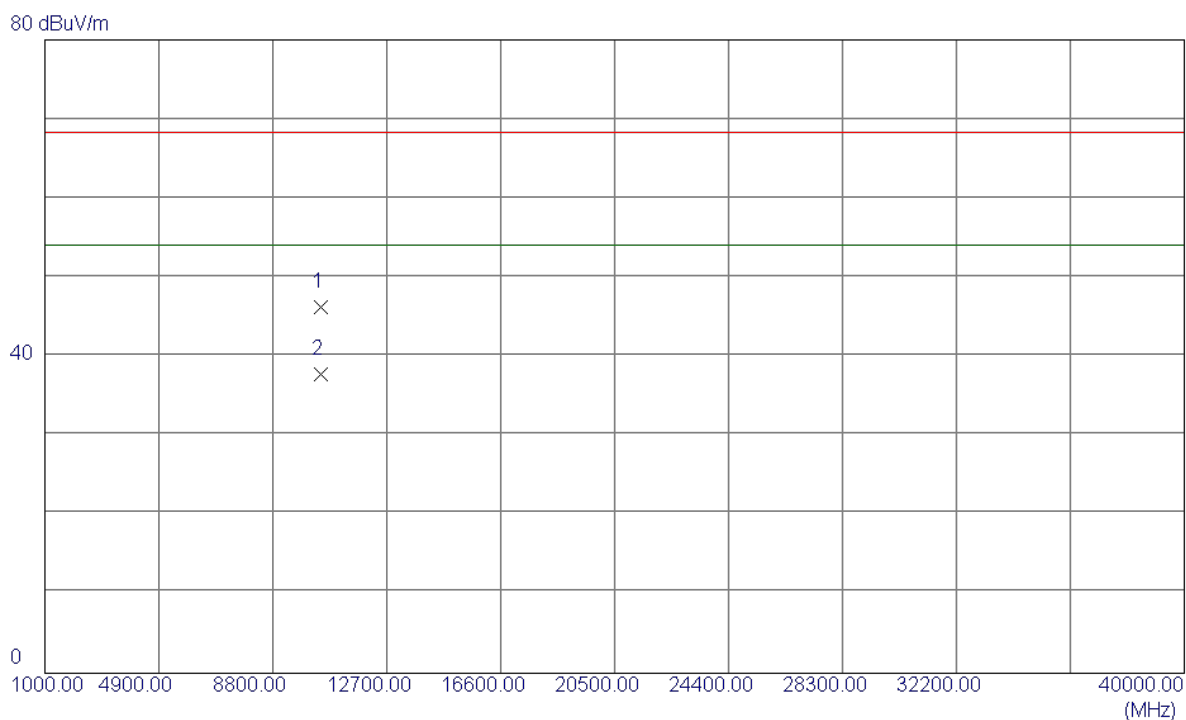
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5227.4000	49.36	41.66	91.02	54.00	37.02	AVG	No Limit
2	5231.8000	62.09	41.67	103.76	68.30	35.46	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC40 Mode 5230MHz

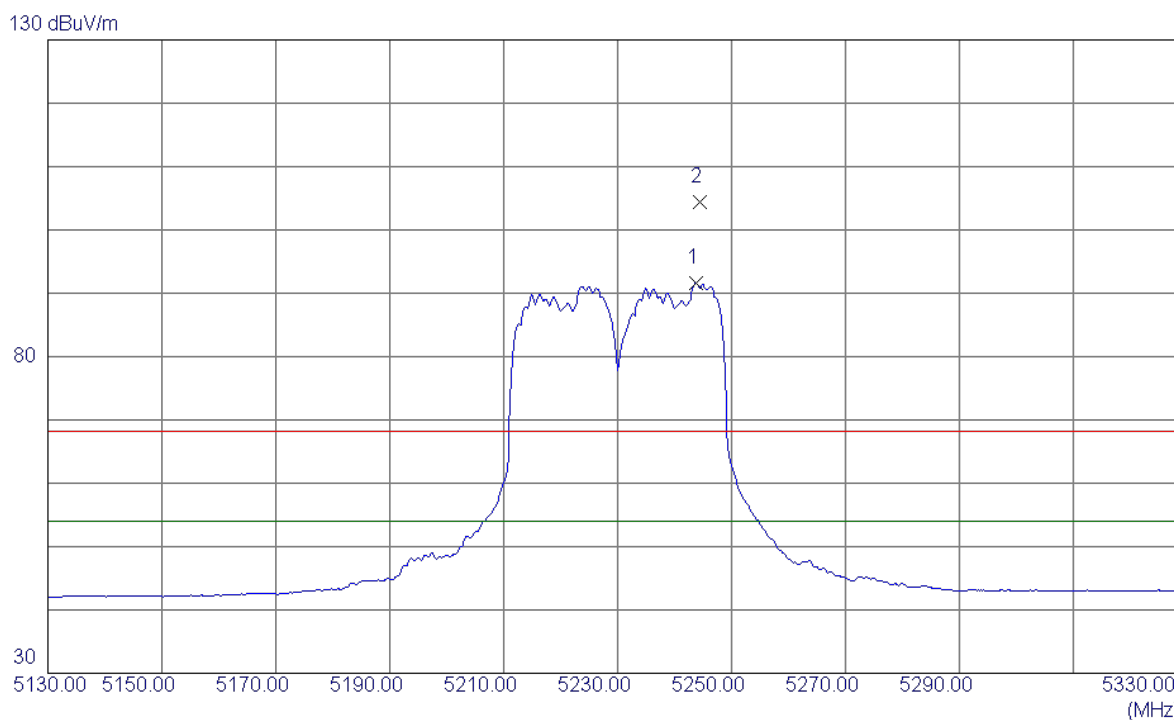
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10459.9500	35.23	10.97	46.20	68.30	-22.10	Peak	
2	10459.9500	26.77	10.97	37.74	54.00	-16.26	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC40 Mode 5230MHz

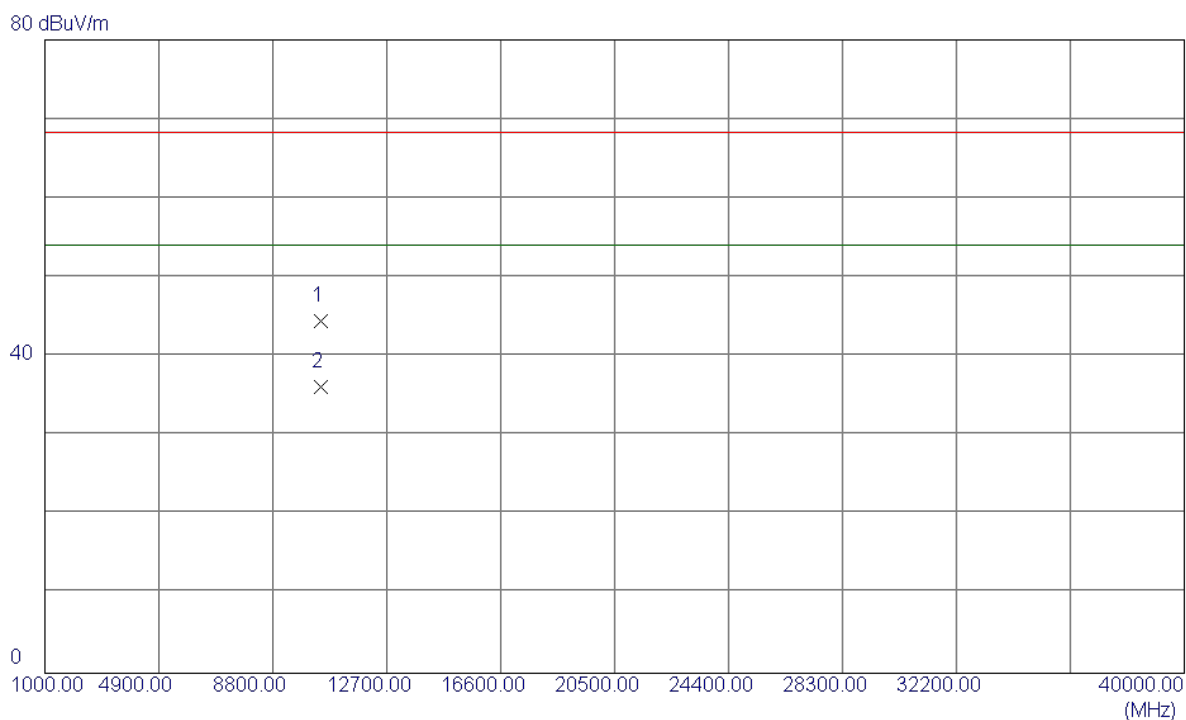
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5243.8000	49.92	41.71	91.63	54.00	37.63	AVG	No Limit
2	5244.4000	62.76	41.72	104.48	68.30	36.18	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC40 Mode 5230MHz

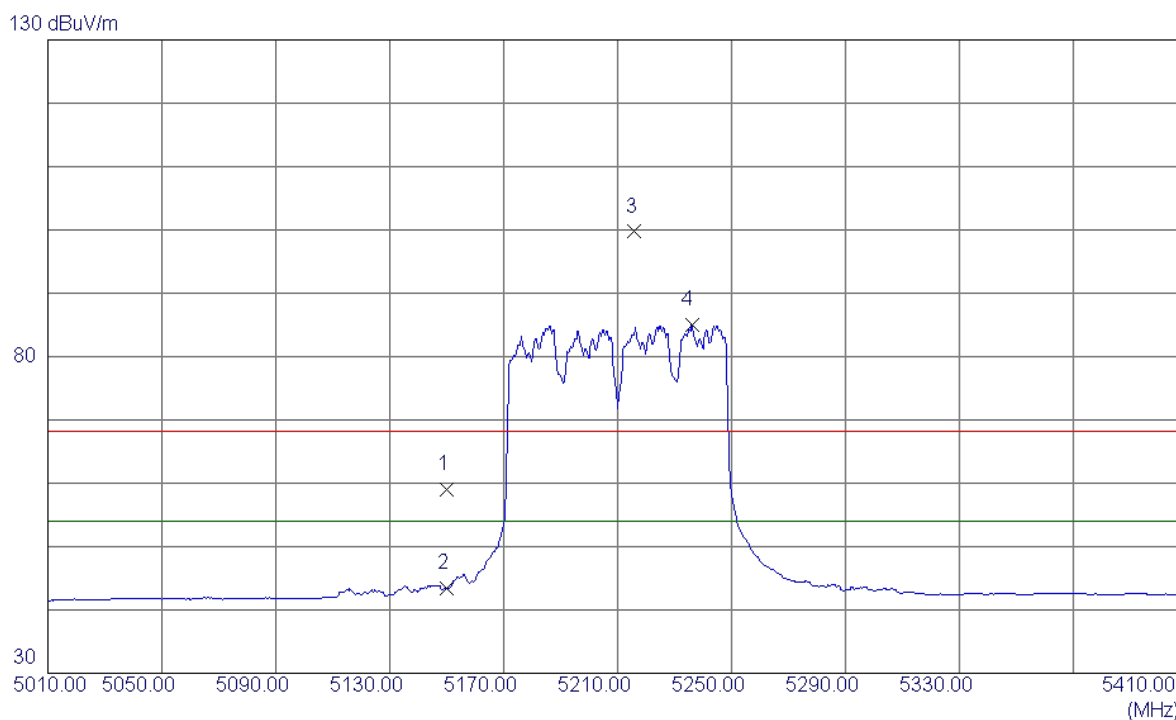
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10460.1700	33.45	10.97	44.42	68.30	-23.88	Peak	
2	10460.1700	25.13	10.97	36.10	54.00	-17.90	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC80 Mode 5210MHz

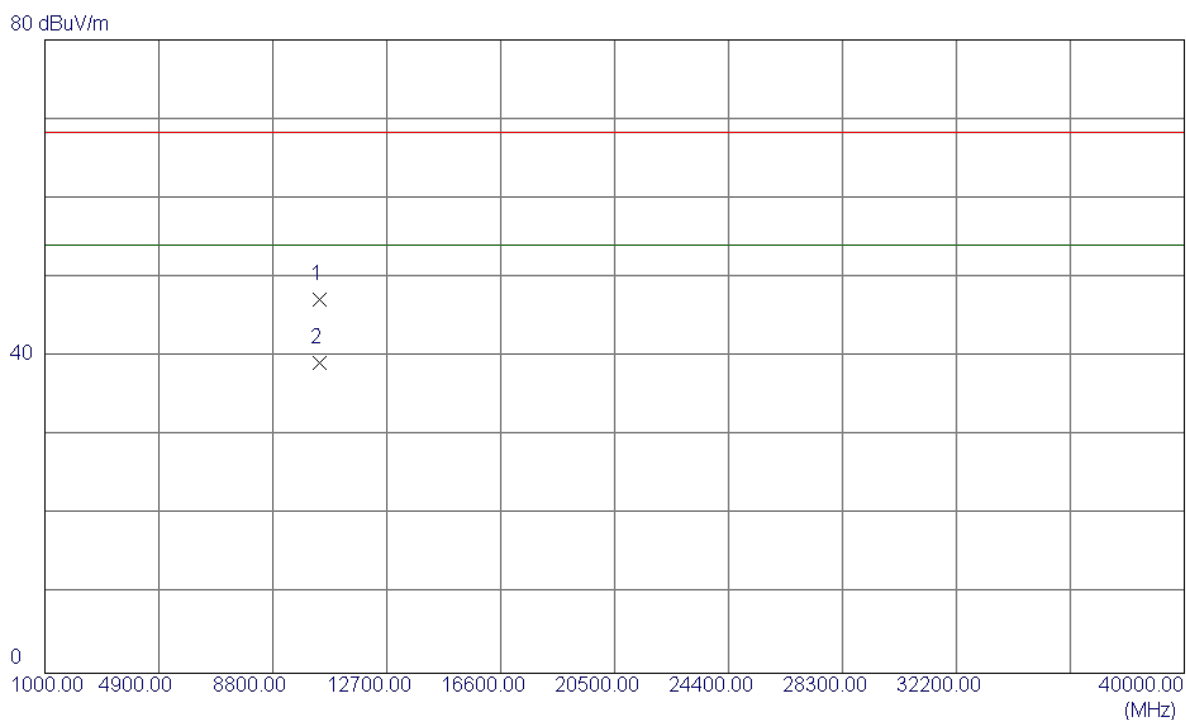
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5150.0000	17.67	41.40	59.07	68.30	-9.23	Peak	
2	5150.0000	1.99	41.40	43.39	54.00	-10.61	AVG	
3	5216.0000	58.08	41.62	99.70	68.30	31.40	Peak	No Limit
4	5236.0000	43.22	41.69	84.91	54.00	30.91	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC80 Mode 5210MHz

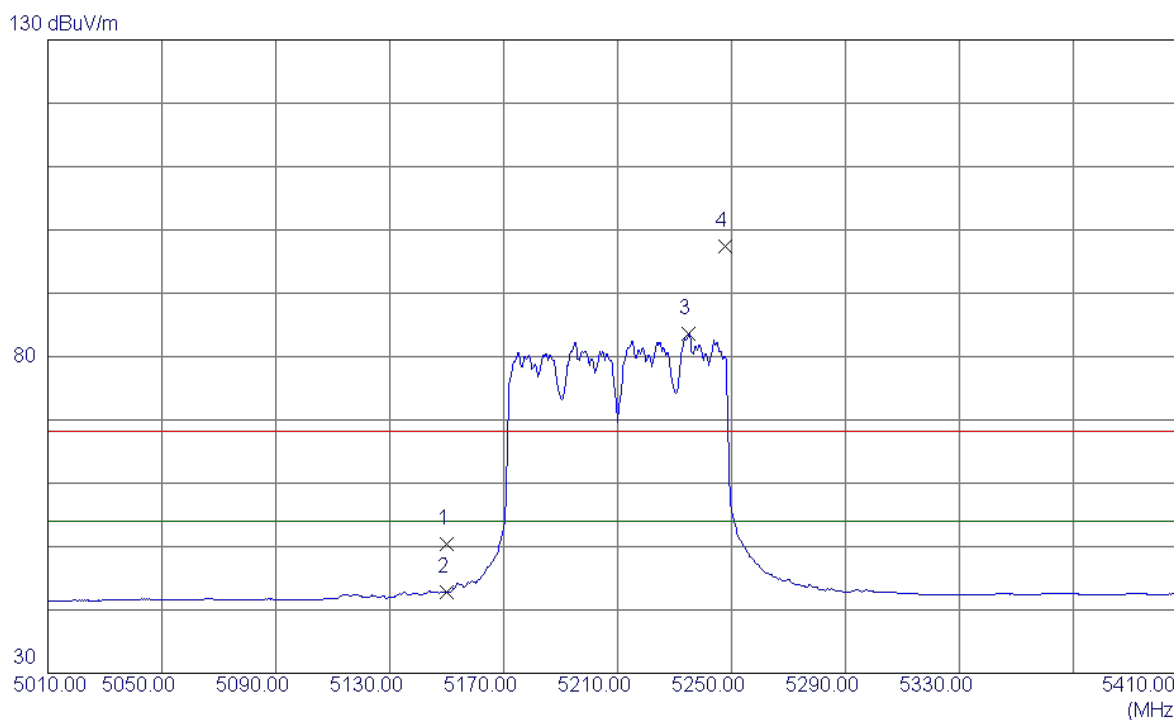
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10420.8300	36.25	11.02	47.27	68.30	-21.03	Peak	
2	10420.8300	28.16	11.02	39.18	54.00	-14.82	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC80 Mode 5210MHz

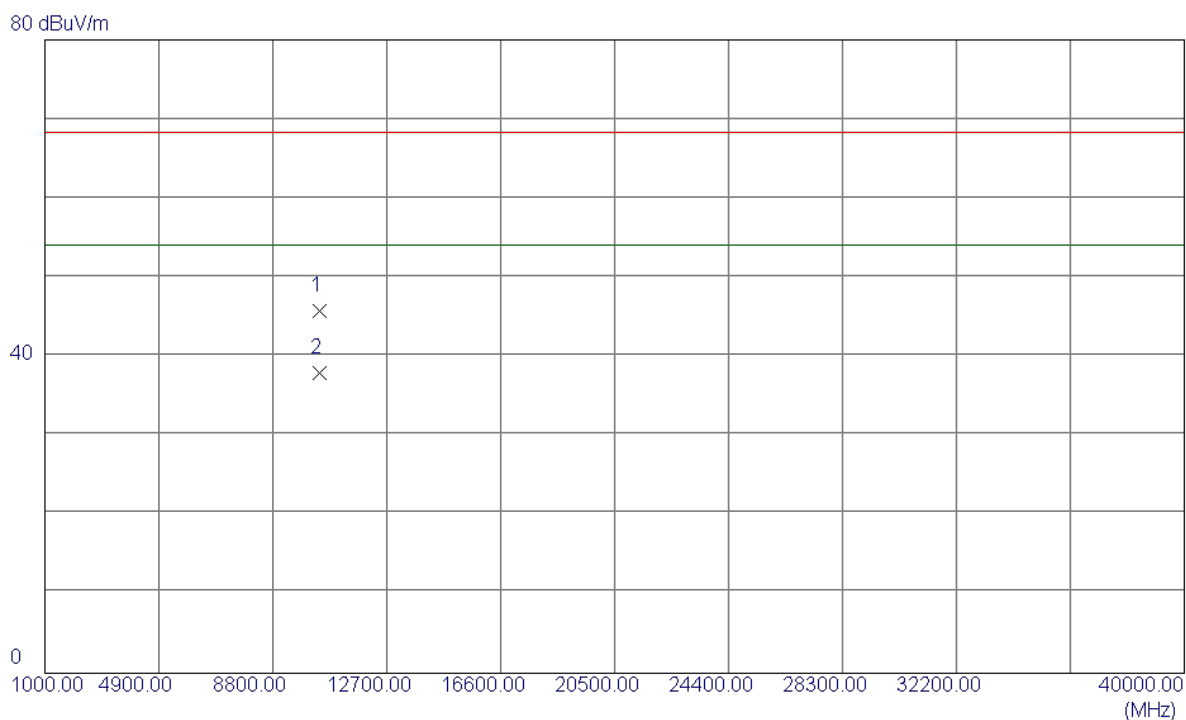
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5150.0000	9.01	41.40	50.41	68.30	-17.89	Peak	
2	5150.0000	1.37	41.40	42.77	54.00	-11.23	AVG	
3	5234.8000	41.95	41.68	83.63	54.00	29.63	AVG	No Limit
4	5247.6000	55.70	41.73	97.43	68.30	29.13	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC80 Mode 5210MHz

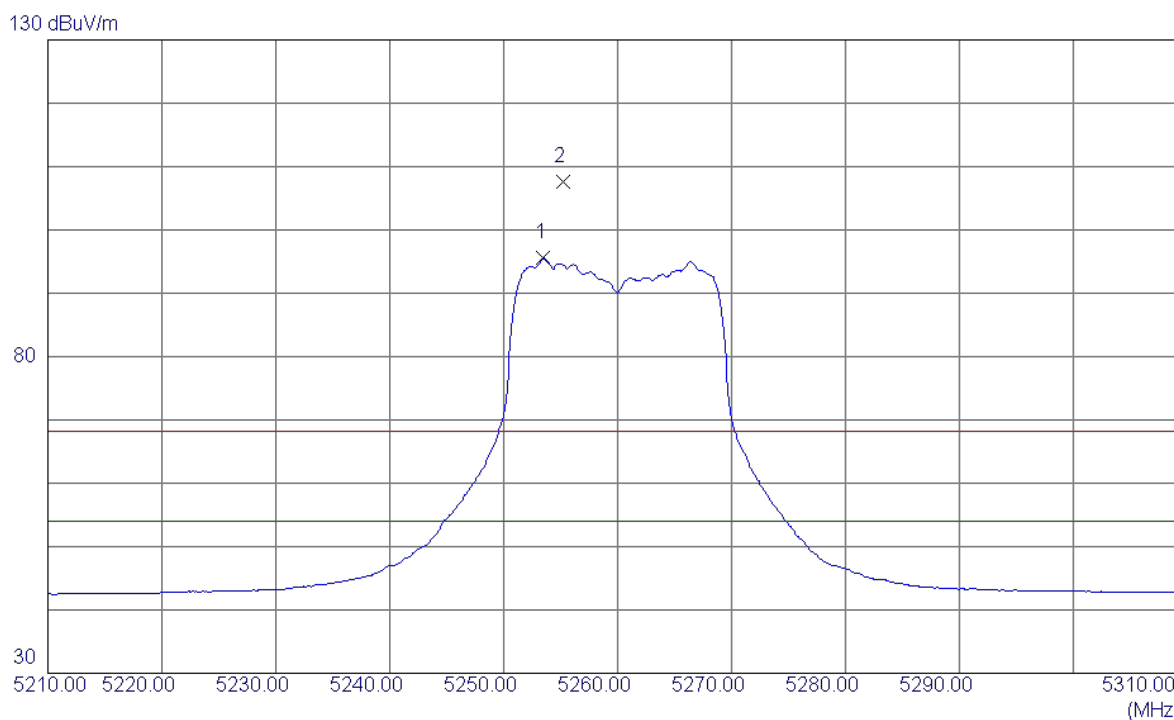
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10420.1300	34.68	11.02	45.70	68.30	-22.60	Peak	
2	10420.1300	26.91	11.02	37.93	54.00	-16.07	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC20 Mode 5260MHz

Vertical

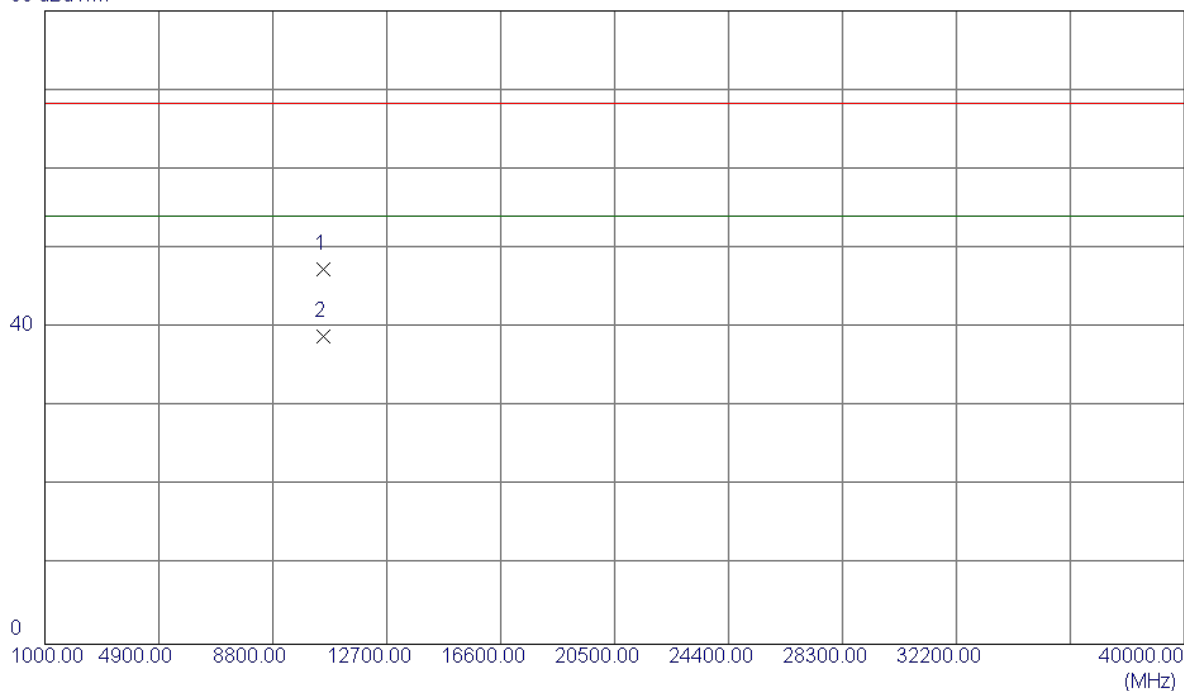


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5253.5000	53.78	41.75	95.53	54.00	41.53	AVG	No Limit
2	5255.2000	65.87	41.75	107.62	68.30	39.32	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC20 Mode 5260MHz

Vertical

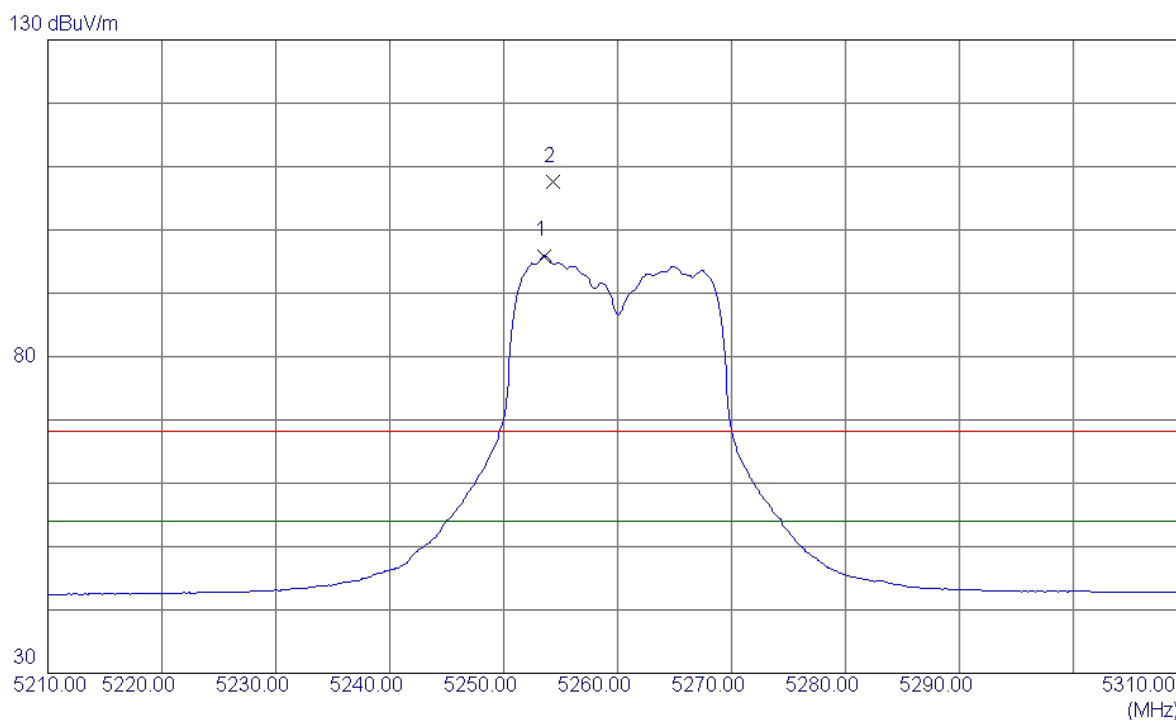
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10520.0000	36.40	10.93	47.33	68.30	-20.97	Peak	
2	10520.0000	27.97	10.93	38.90	54.00	-15.10	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC20 Mode 5260MHz

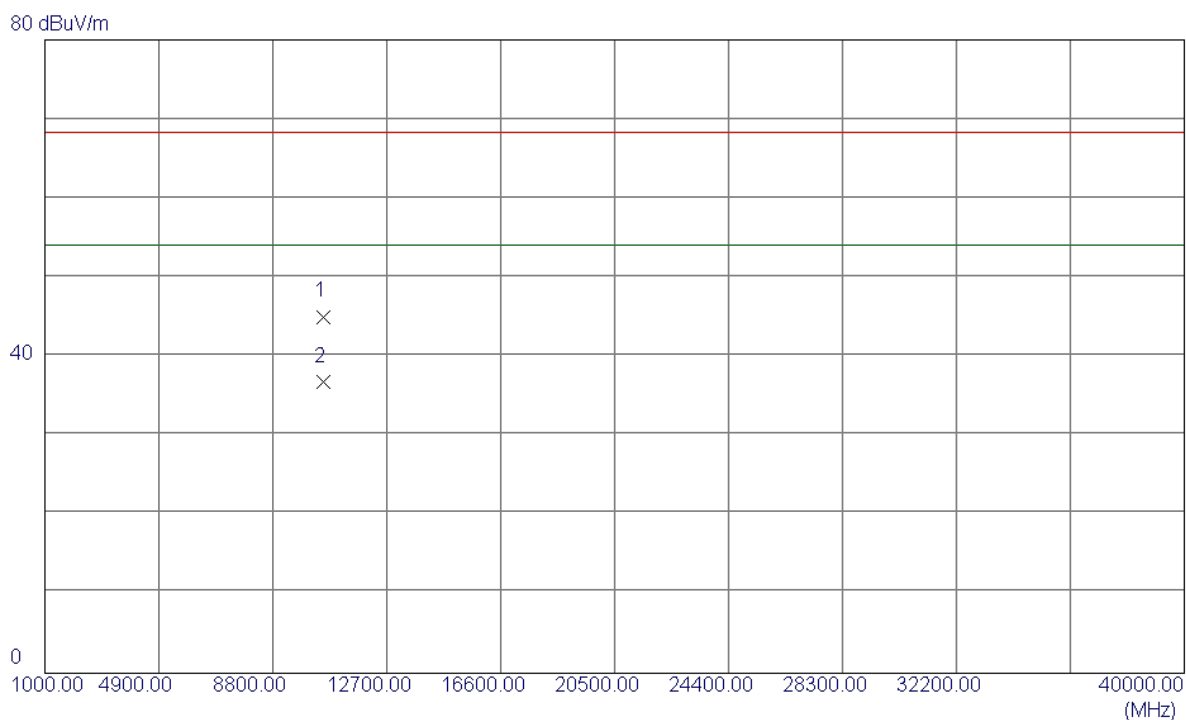
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5253.6000	54.15	41.75	95.90	54.00	41.90	AVG	No Limit
2	5254.3000	65.90	41.75	107.65	68.30	39.35	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC20 Mode 5260MHz

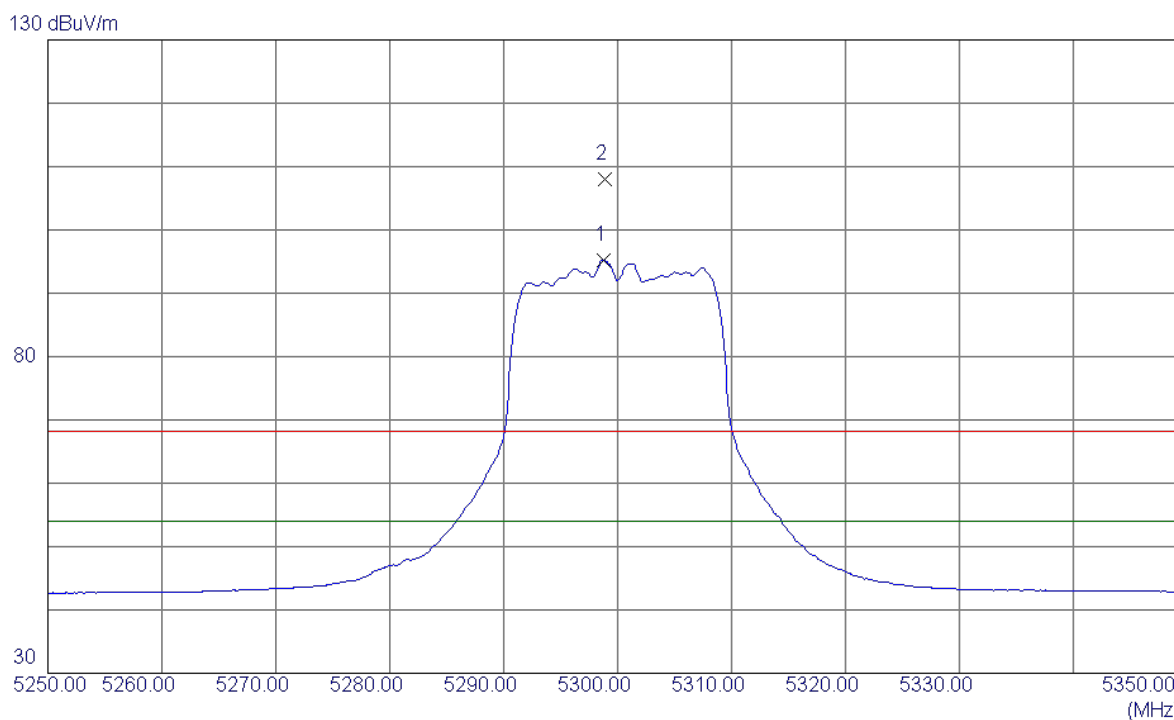
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10519.7900	34.11	10.93	45.04	68.30	-23.26	Peak	
2	10519.7900	25.88	10.93	36.81	54.00	-17.19	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC20 Mode 5300MHz

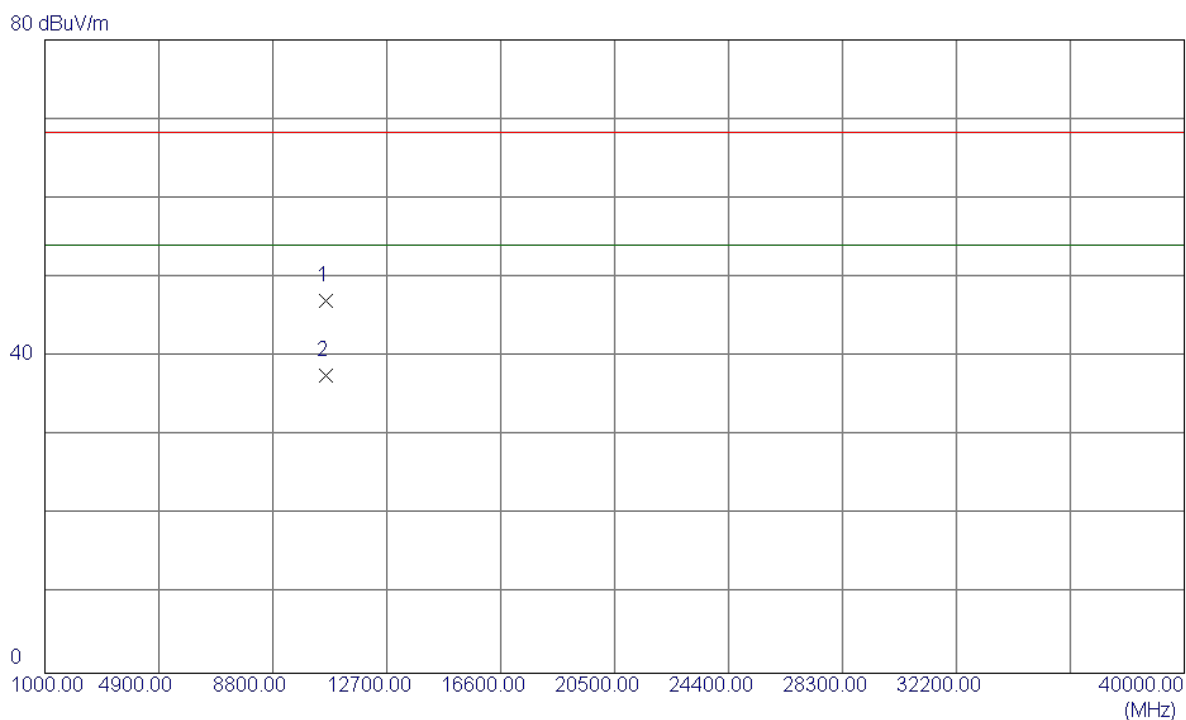
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5298.8000	53.37	41.90	95.27	54.00	41.27	AVG	No Limit
2	5298.9000	66.01	41.90	107.91	68.30	39.61	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC20 Mode 5300MHz

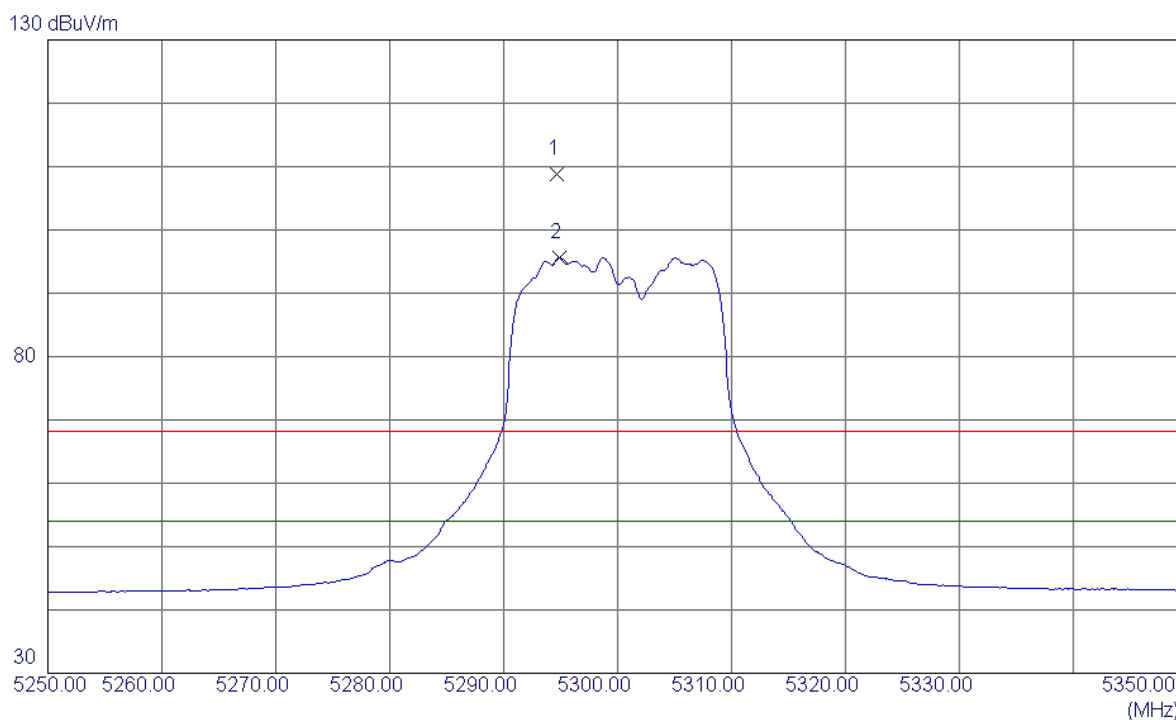
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10600.3099	36.02	11.00	47.02	68.30	-21.28	Peak	
2	10600.3099	26.54	11.00	37.54	54.00	-16.46	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC20 Mode 5300MHz

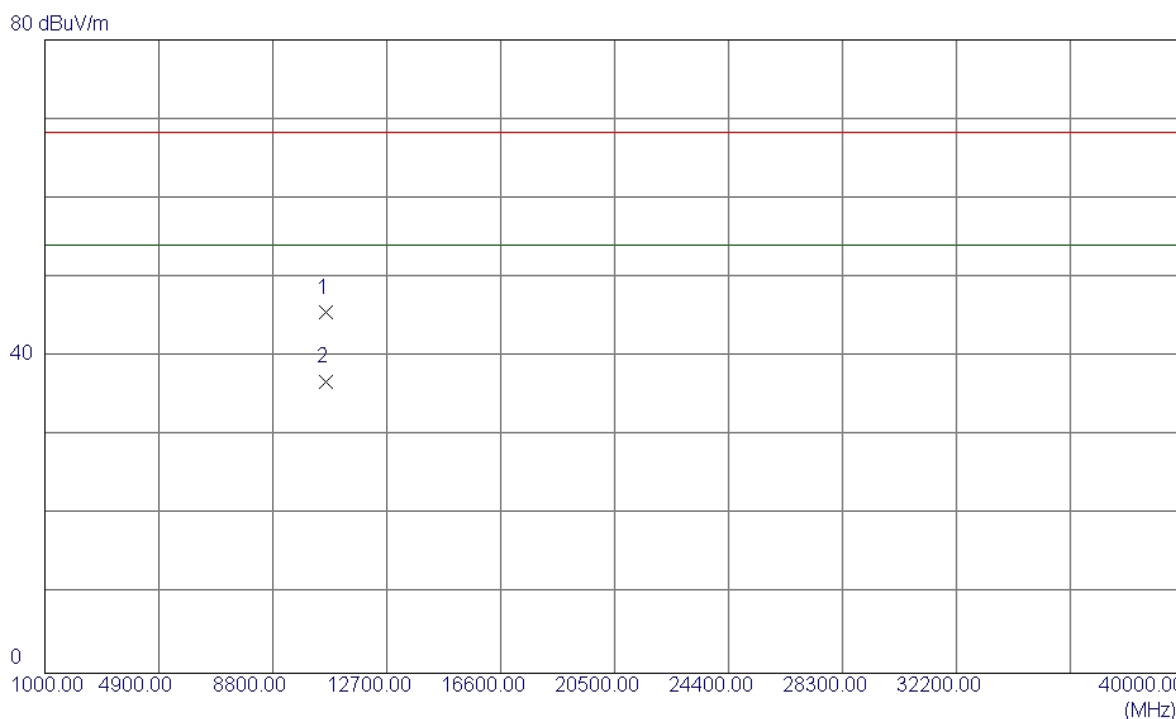
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5294.7000	66.90	41.88	108.78	68.30	40.48	Peak	No Limit
2	5294.9000	53.76	41.88	95.64	54.00	41.64	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC20 Mode 5300MHz

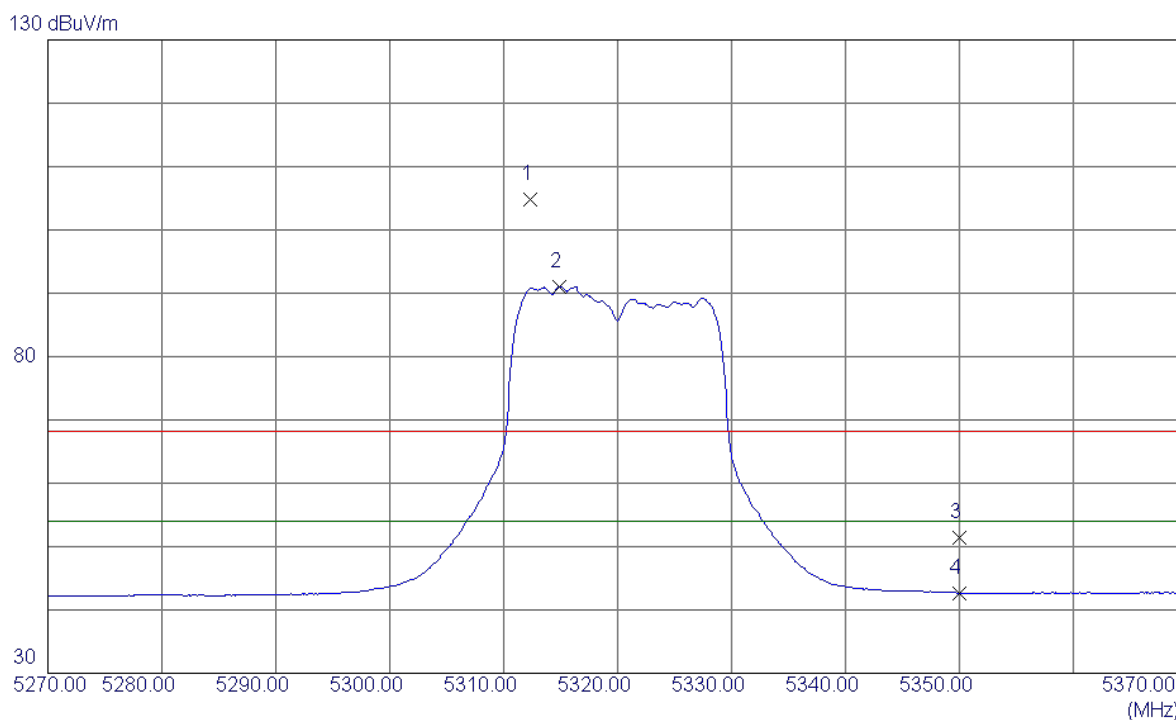
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10600.4300	34.52	11.00	45.52	68.30	-22.78	Peak	
2	10600.4300	25.86	11.00	36.86	54.00	-17.14	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC20 Mode 5320MHz

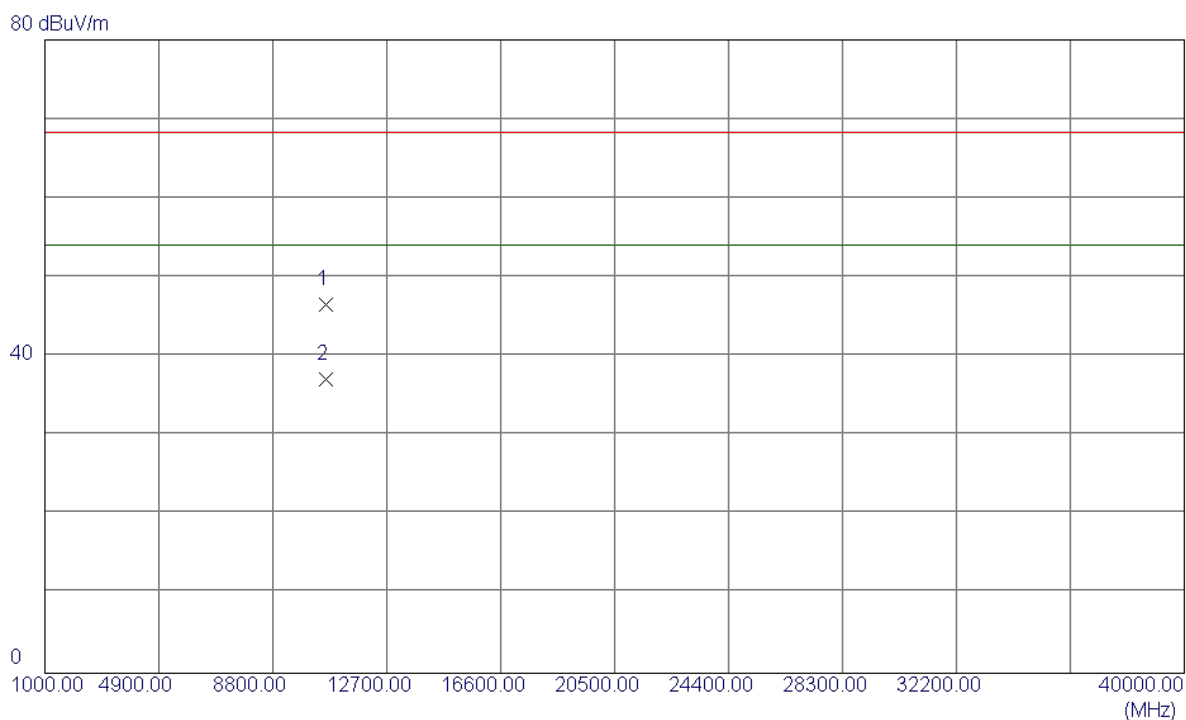
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5312.3000	62.91	41.94	104.85	68.30	36.55	Peak	No Limit
2	5314.9000	49.09	41.95	91.04	54.00	37.04	AVG	No Limit
3	5350.0000	9.39	42.06	51.45	68.30	-16.85	Peak	
4	5350.0000	0.61	42.06	42.67	54.00	-11.33	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC20 Mode 5320MHz

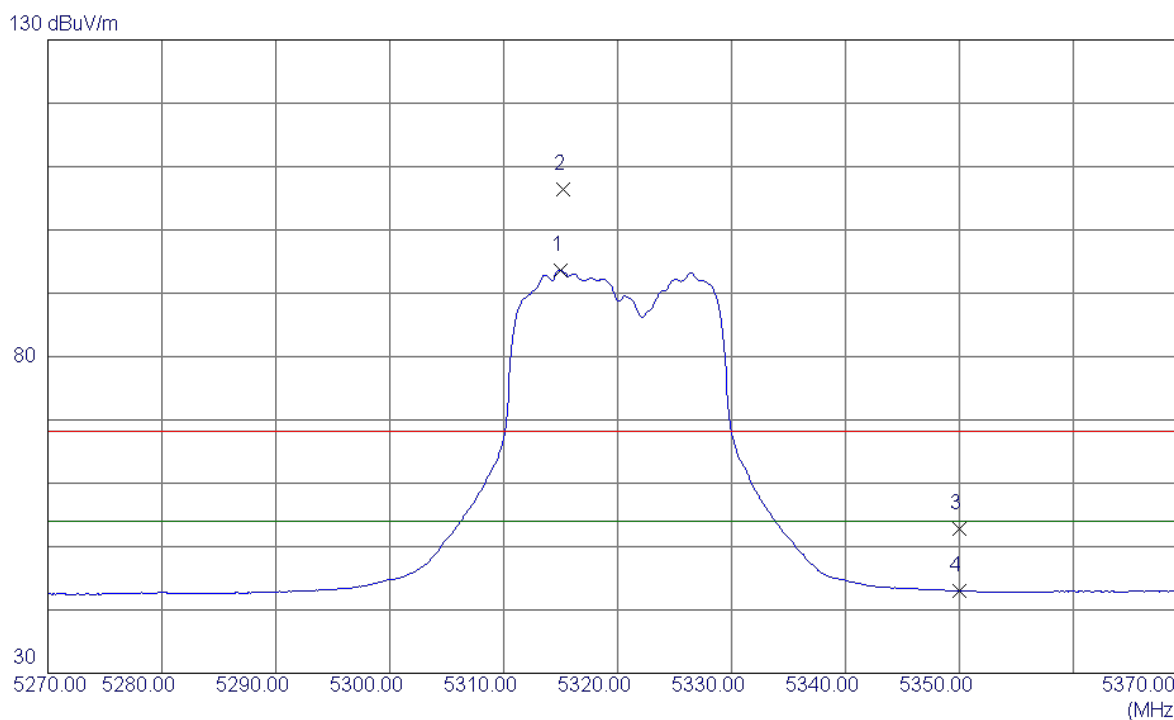
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10639.7200	35.47	11.04	46.51	68.30	-21.79	Peak	
2	10639.7200	26.12	11.04	37.16	54.00	-16.84	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC20 Mode 5320MHz

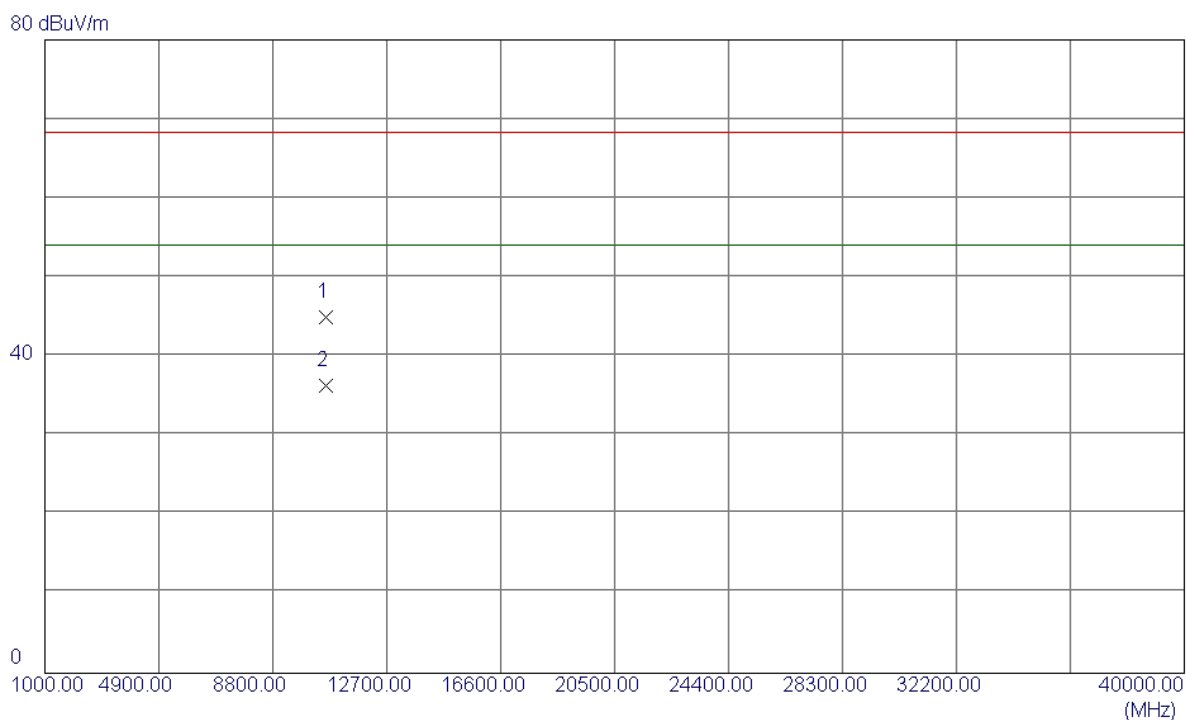
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5315.0000	51.68	41.95	93.63	54.00	39.63	AVG	No Limit
2	5315.2000	64.38	41.95	106.33	68.30	38.03	Peak	No Limit
3	5350.0000	10.71	42.06	52.77	68.30	-15.53	Peak	
4	5350.0000	0.91	42.06	42.97	54.00	-11.03	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC20 Mode 5320MHz

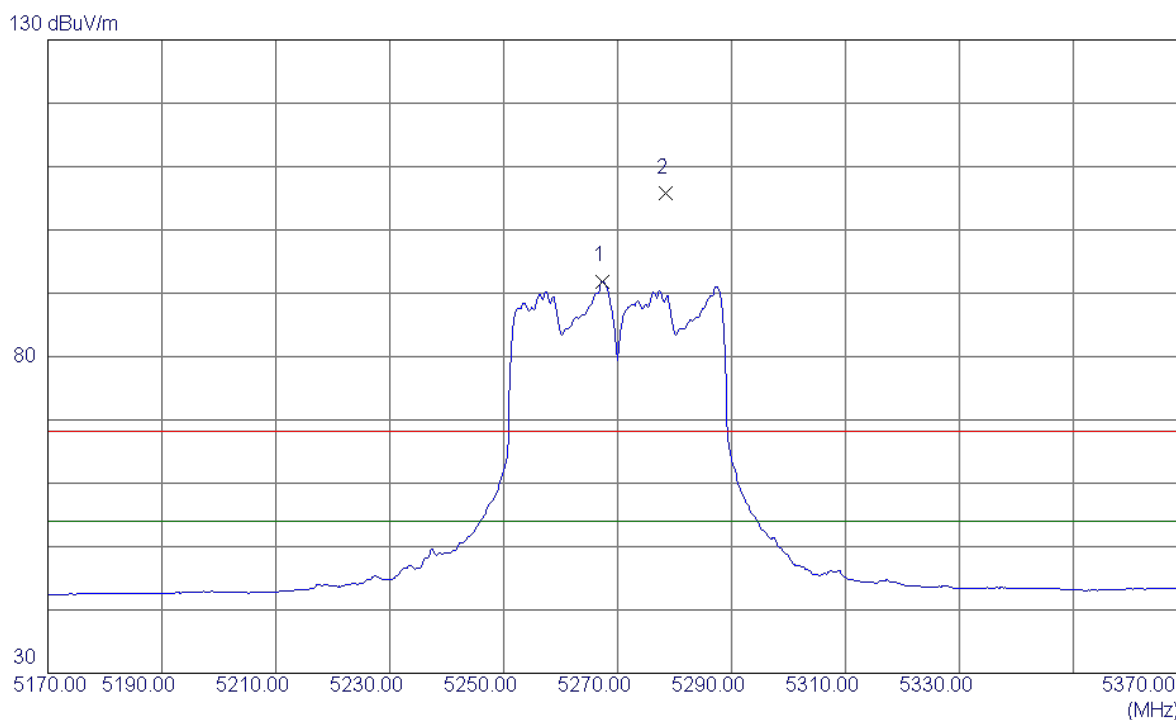
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10639.4500	33.94	11.04	44.98	68.30	-23.32	Peak	
2	10639.4500	25.24	11.04	36.28	54.00	-17.72	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC40 Mode 5270MHz

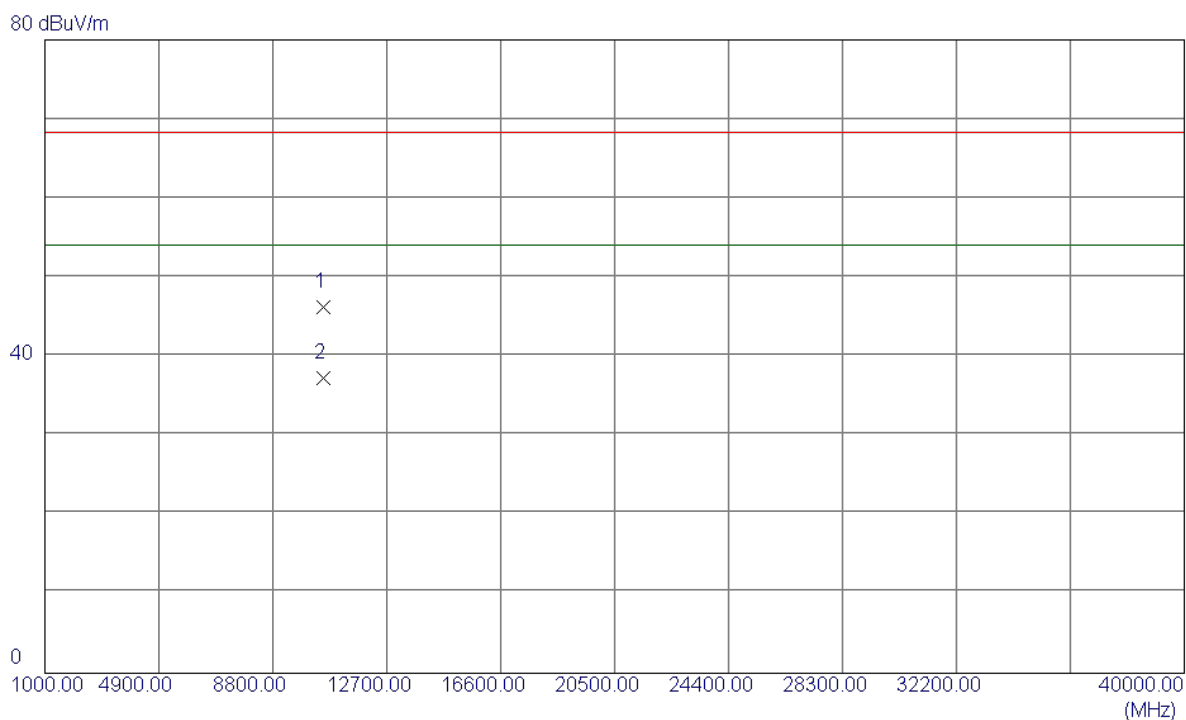
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5267.4000	50.11	41.79	91.90	54.00	37.90	AVG	No Limit
2	5278.4000	63.94	41.83	105.77	68.30	37.47	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC40 Mode 5270MHz

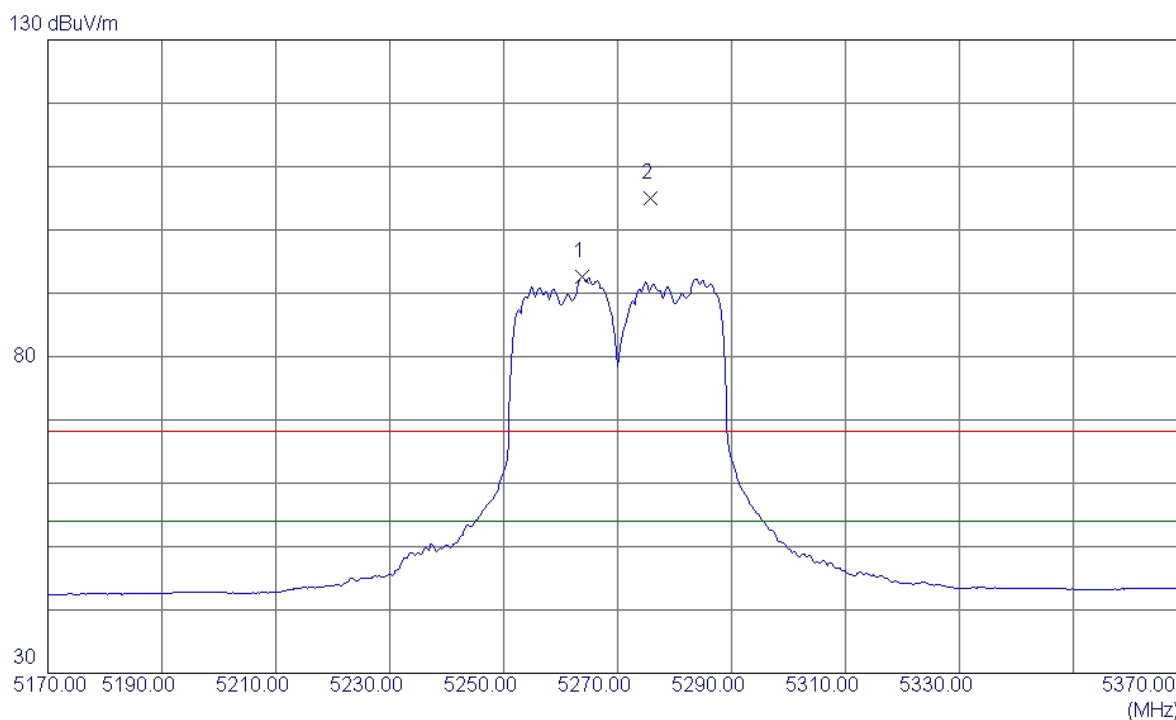
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10540.1100	35.24	10.95	46.19	68.30	-22.11	Peak	
2	10540.1100	26.38	10.95	37.33	54.00	-16.67	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC40 Mode 5270MHz

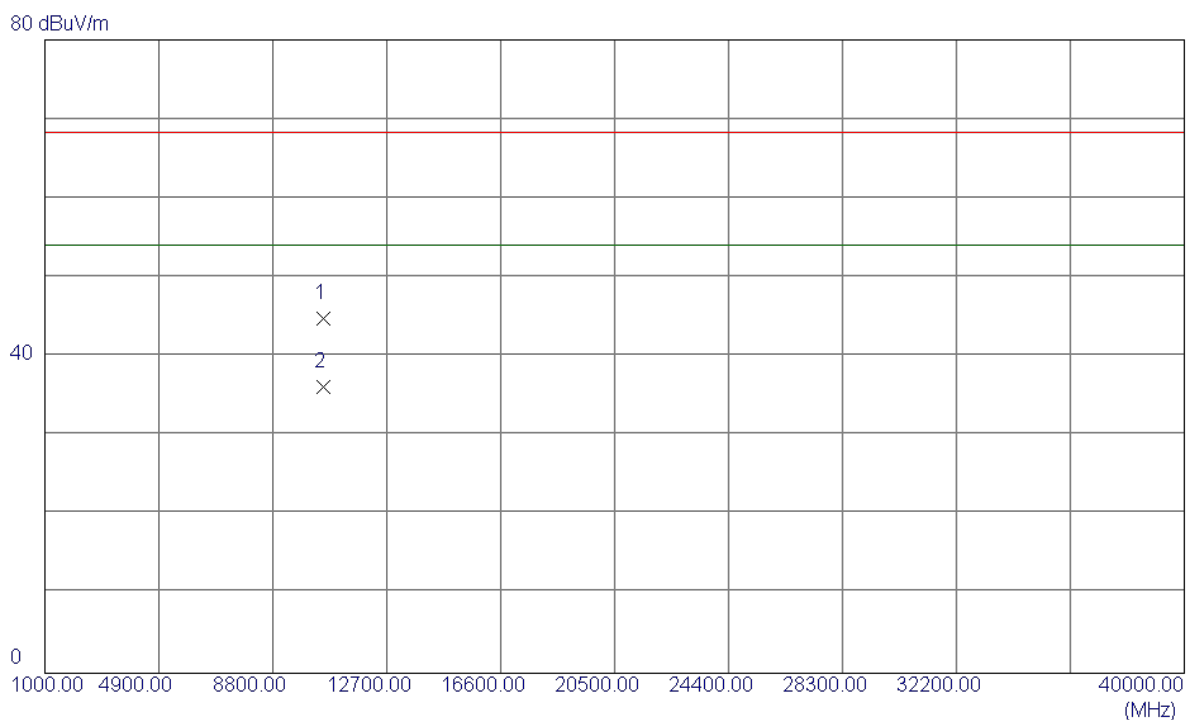
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5263.8000	50.74	41.78	92.52	54.00	38.52	AVG	No Limit
2	5275.8000	63.23	41.82	105.05	68.30	36.75	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC40 Mode 5270MHz

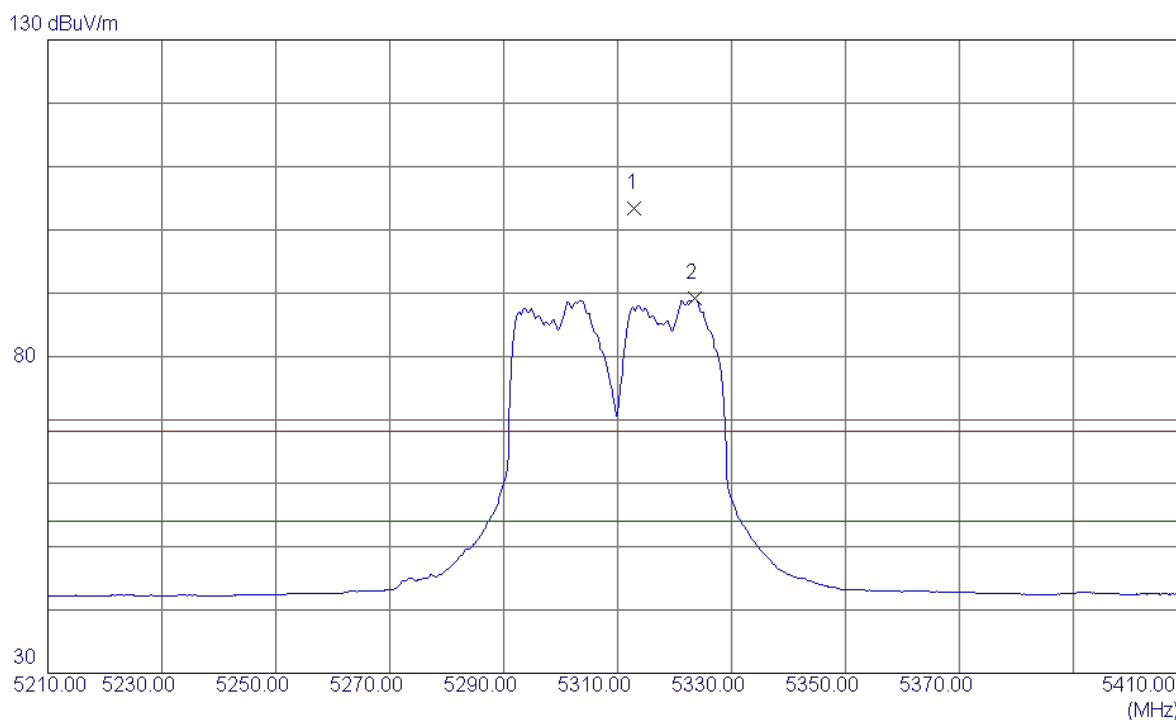
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10540.2699	33.85	10.95	44.80	68.30	-23.50	Peak	
2	10540.2699	25.17	10.95	36.12	54.00	-17.88	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC40 Mode 5310MHz

Vertical

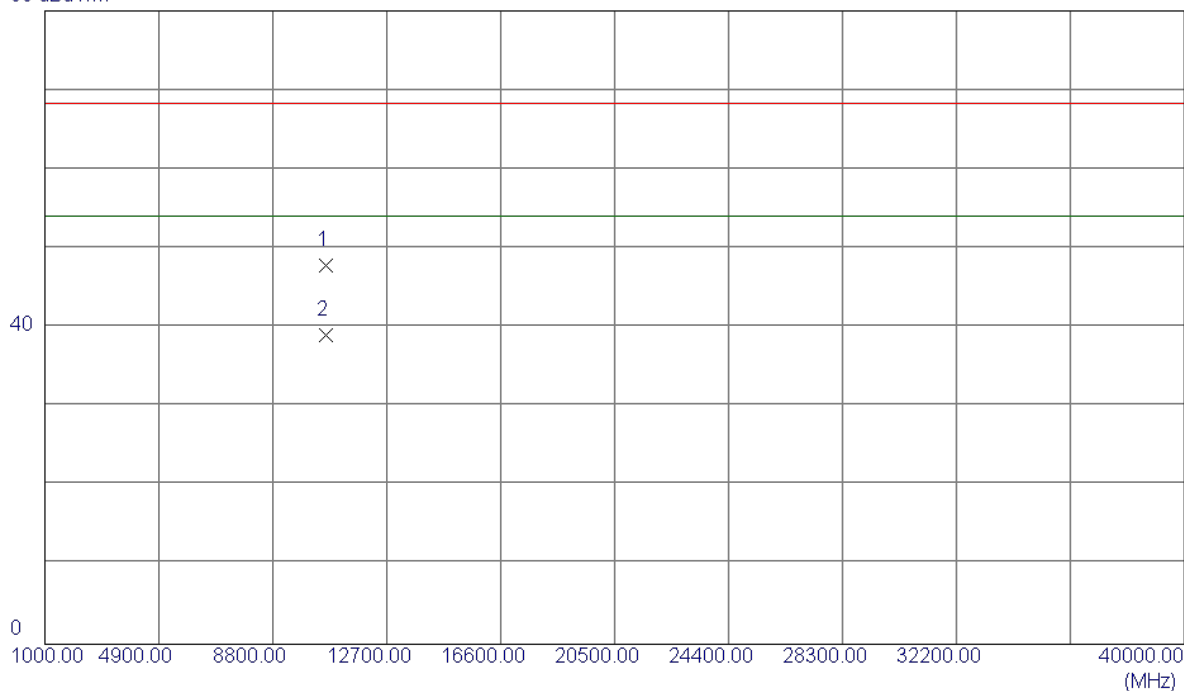


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5313.0000	61.39	41.94	103.33	68.30	35.03	Peak	No Limit
2	5323.6000	47.15	41.98	89.13	54.00	35.13	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC40 Mode 5310MHz

Vertical

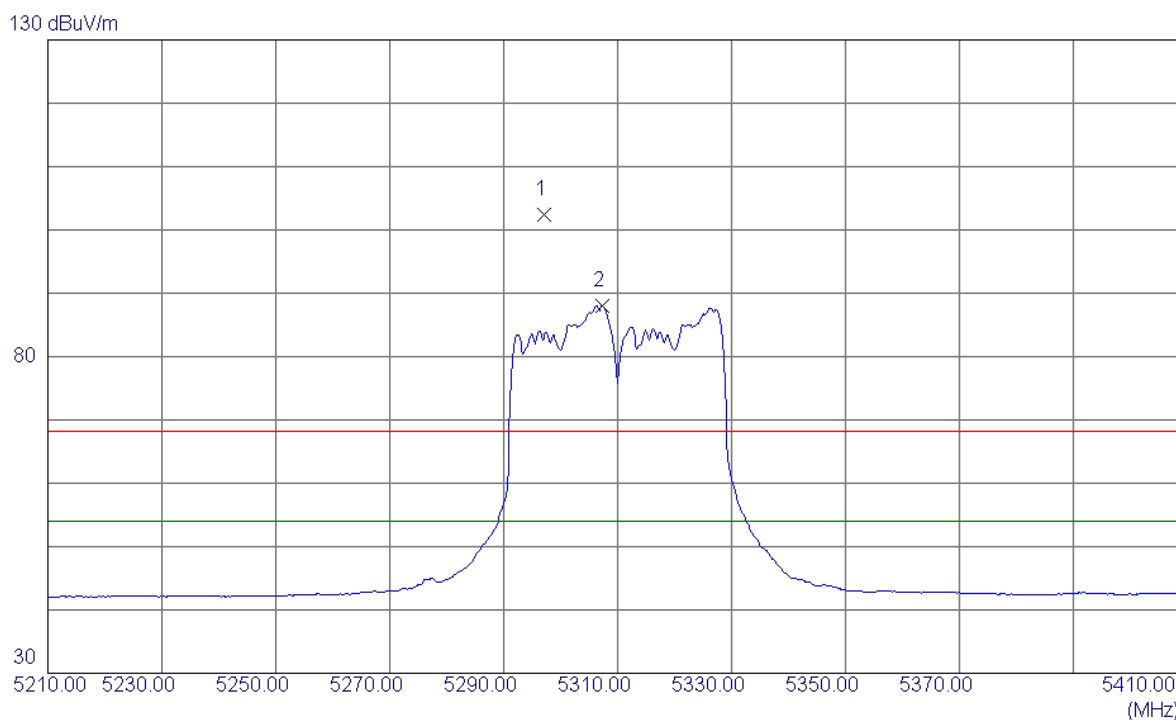
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10619.8600	36.79	11.02	47.81	68.30	-20.49	Peak	
2	10619.8600	28.01	11.02	39.03	54.00	-14.97	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC40 Mode 5310MHz

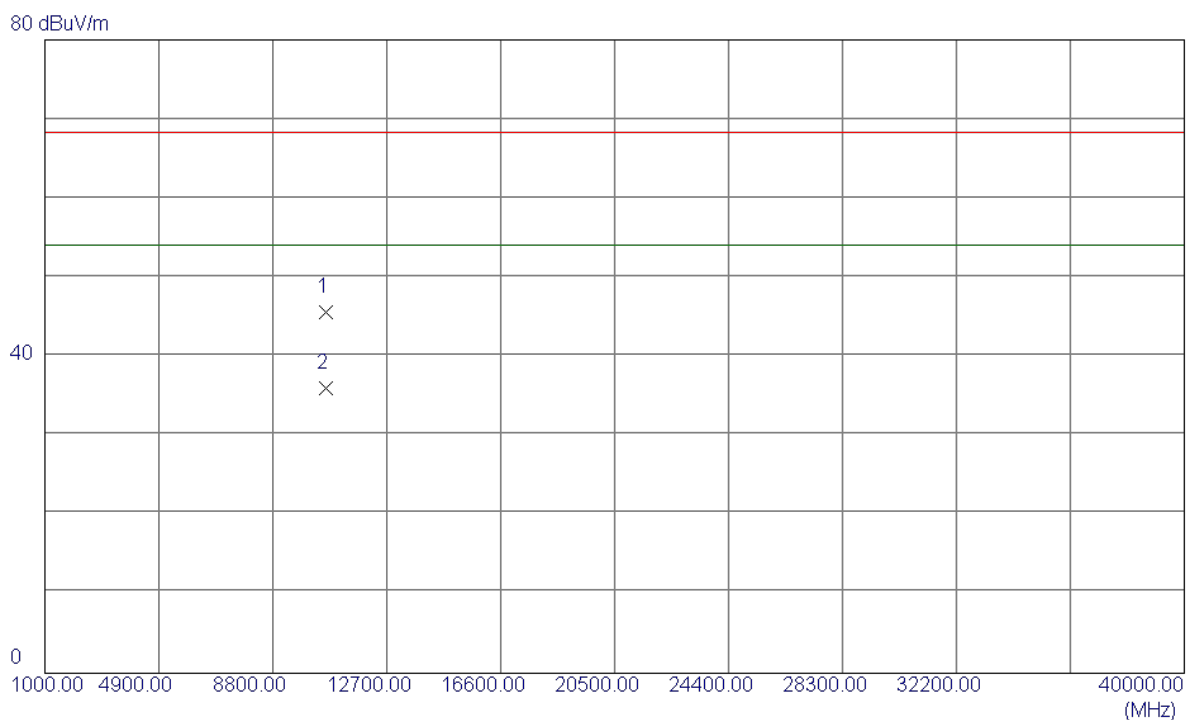
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5297.2000	60.42	41.89	102.31	68.30	34.01	Peak	No Limit
2	5307.4000	46.09	41.92	88.01	54.00	34.01	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC40 Mode 5310MHz

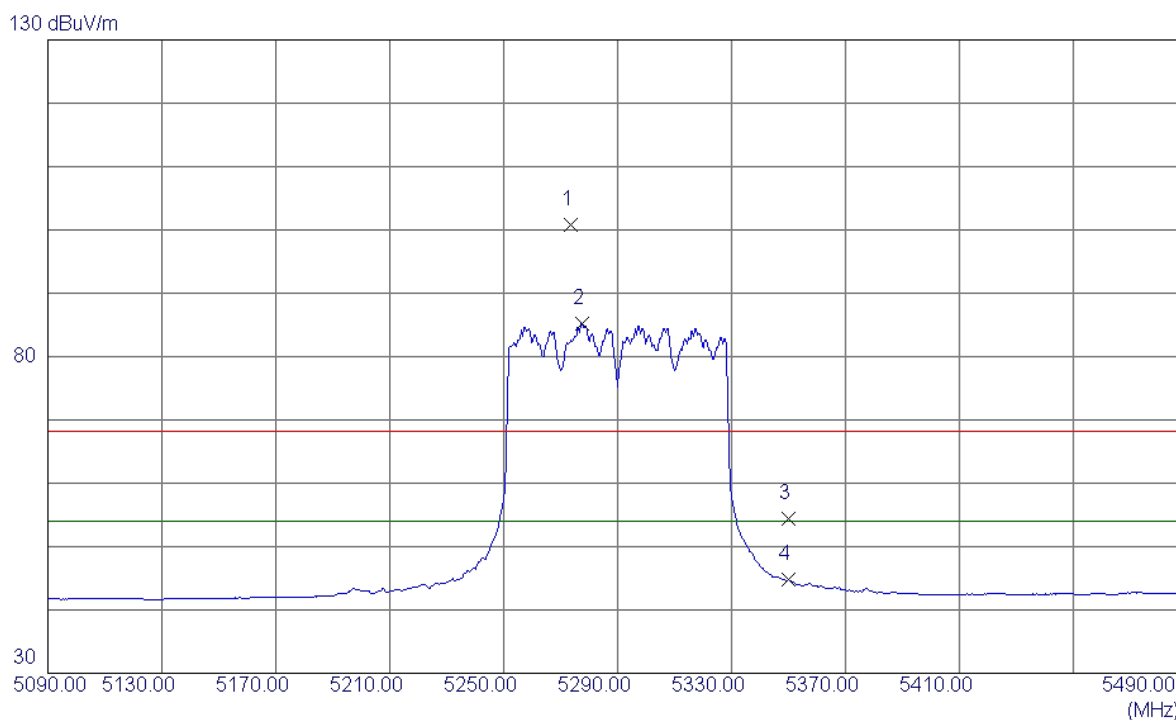
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10619.5800	34.57	11.02	45.59	68.30	-22.71	Peak	
2	10619.5800	25.04	11.02	36.06	54.00	-17.94	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC80 Mode 5290MHz

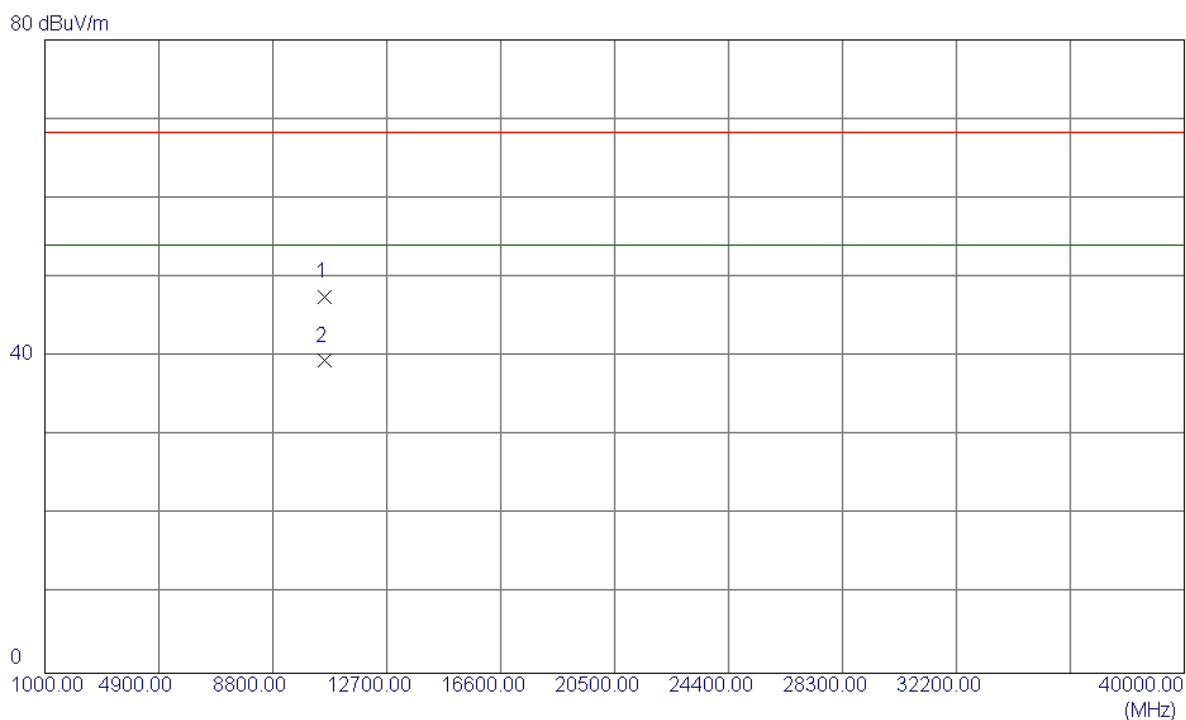
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5273.6000	58.90	41.81	100.71	68.30	32.41	Peak	No Limit
2	5277.6000	43.41	41.83	85.24	54.00	31.24	AVG	No Limit
3	5350.0000	12.36	42.06	54.42	68.30	-13.88	Peak	
4	5350.0000	2.67	42.06	44.73	54.00	-9.27	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC80 Mode 5290MHz

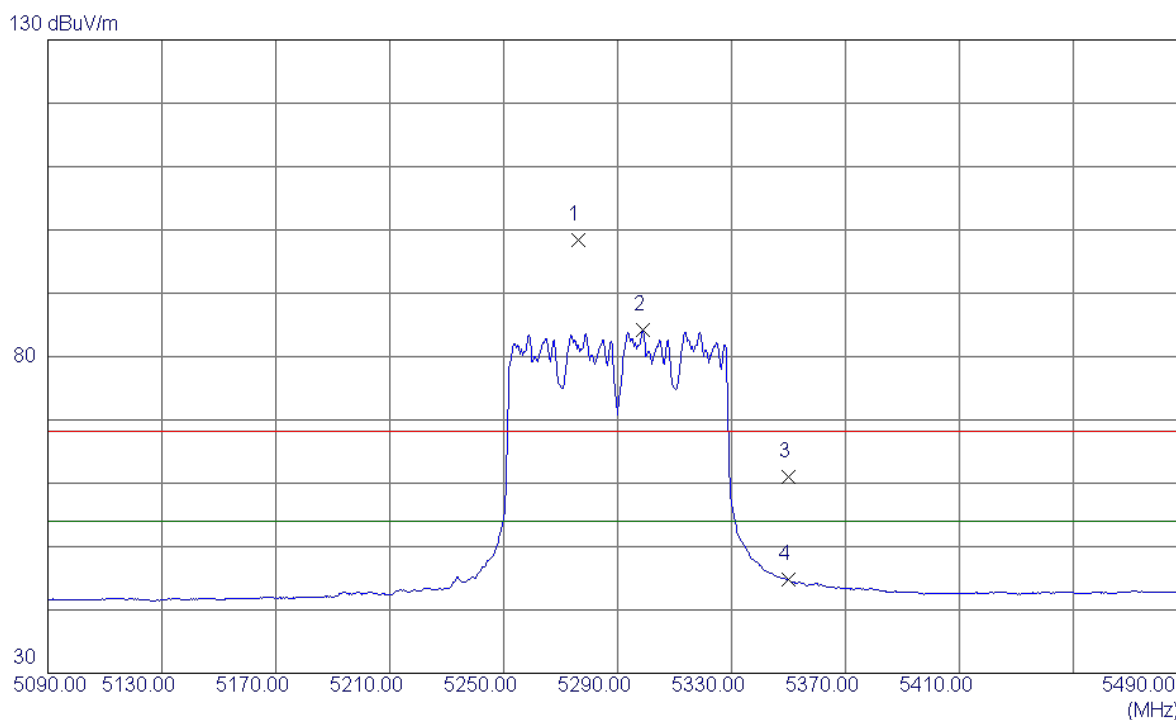
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10580.6500	36.53	10.99	47.52	68.30	-20.78	Peak	
2	10580.6500	28.45	10.99	39.44	54.00	-14.56	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC80 Mode 5290MHz

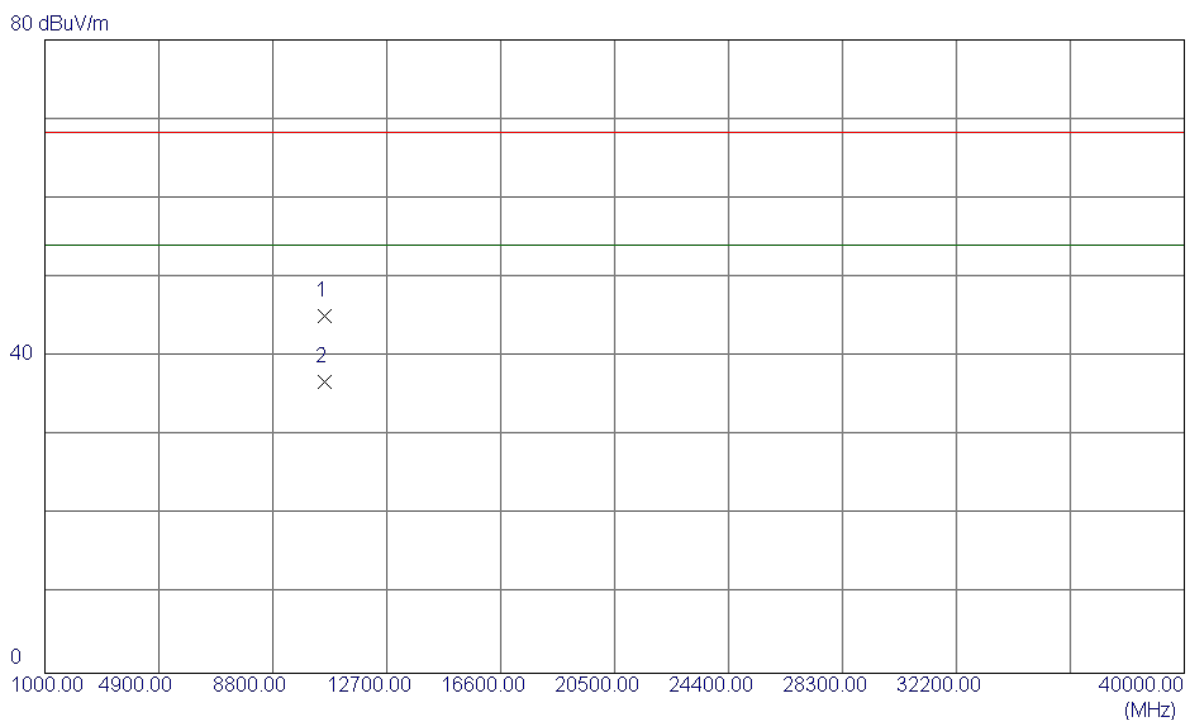
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5276.0000	56.60	41.82	98.42	68.30	30.12	Peak	No Limit
2	5298.8000	42.28	41.90	84.18	54.00	30.18	AVG	No Limit
3	5350.0000	18.90	42.06	60.96	68.30	-7.34	Peak	
4	5350.0000	2.77	42.06	44.83	54.00	-9.17	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC80 Mode 5290MHz

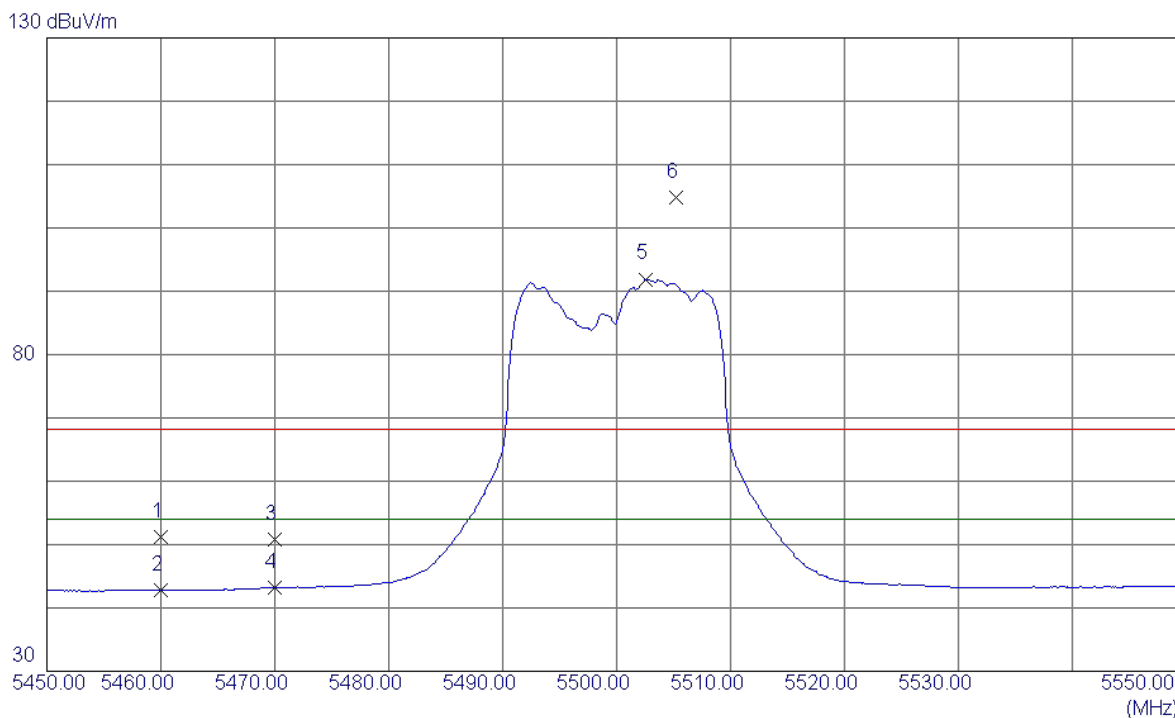
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10579.3700	34.13	10.98	45.11	68.30	-23.19	Peak	
2	10579.3700	25.86	10.98	36.84	54.00	-17.16	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC20 Mode 5500MHz

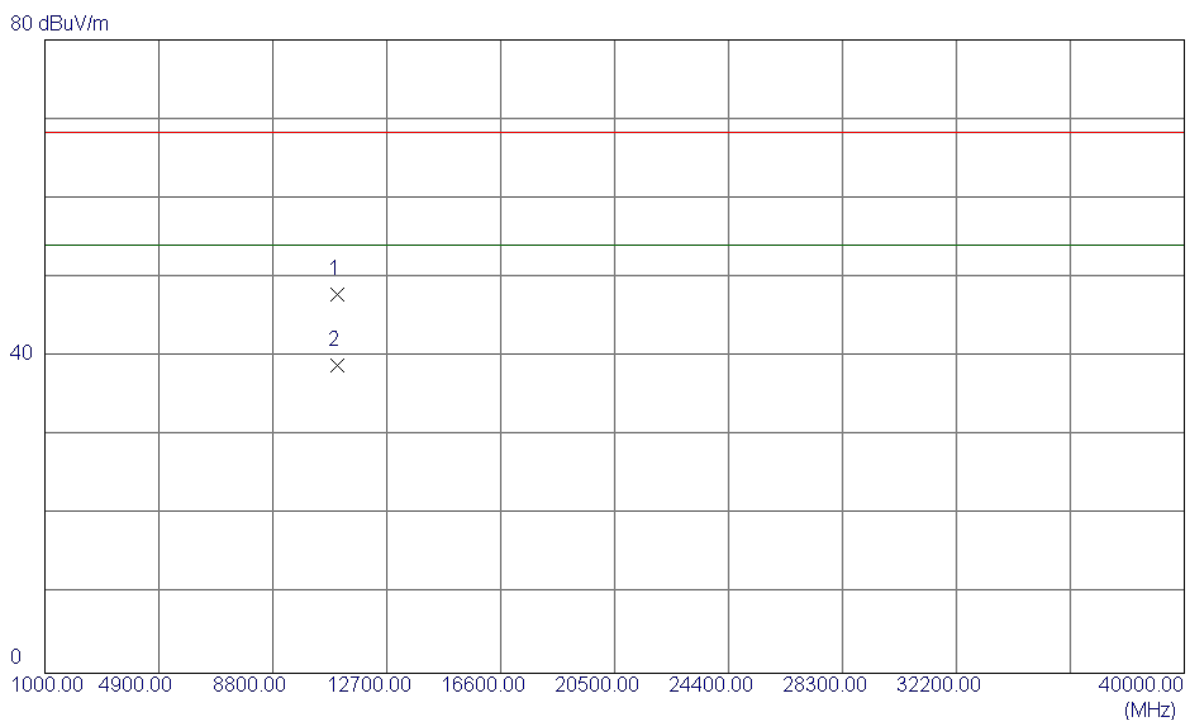
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5460.0000	8.86	42.43	51.29	68.30	-17.01	Peak	
2	5460.0000	0.36	42.43	42.79	54.00	-11.21	AVG	
3	5470.0000	8.34	42.46	50.80	68.30	-17.50	Peak	
4	5470.0000	0.74	42.46	43.20	54.00	-10.80	AVG	
5	5502.6000	49.33	42.57	91.90	54.00	37.90	AVG	No Limit
6	5505.2000	62.32	42.57	104.89	68.30	36.59	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC20 Mode 5500MHz

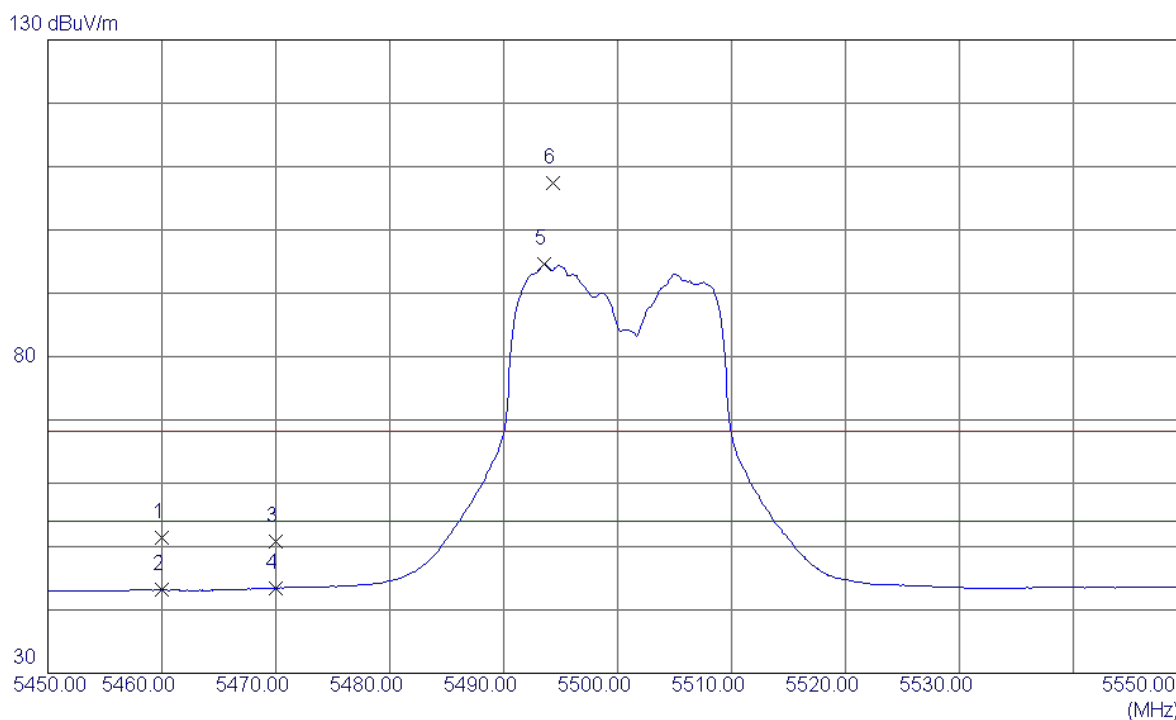
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11000.6800	36.41	11.38	47.79	68.30	-20.51	Peak	
2	11000.6800	27.52	11.38	38.90	54.00	-15.10	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC20 Mode 5500MHz

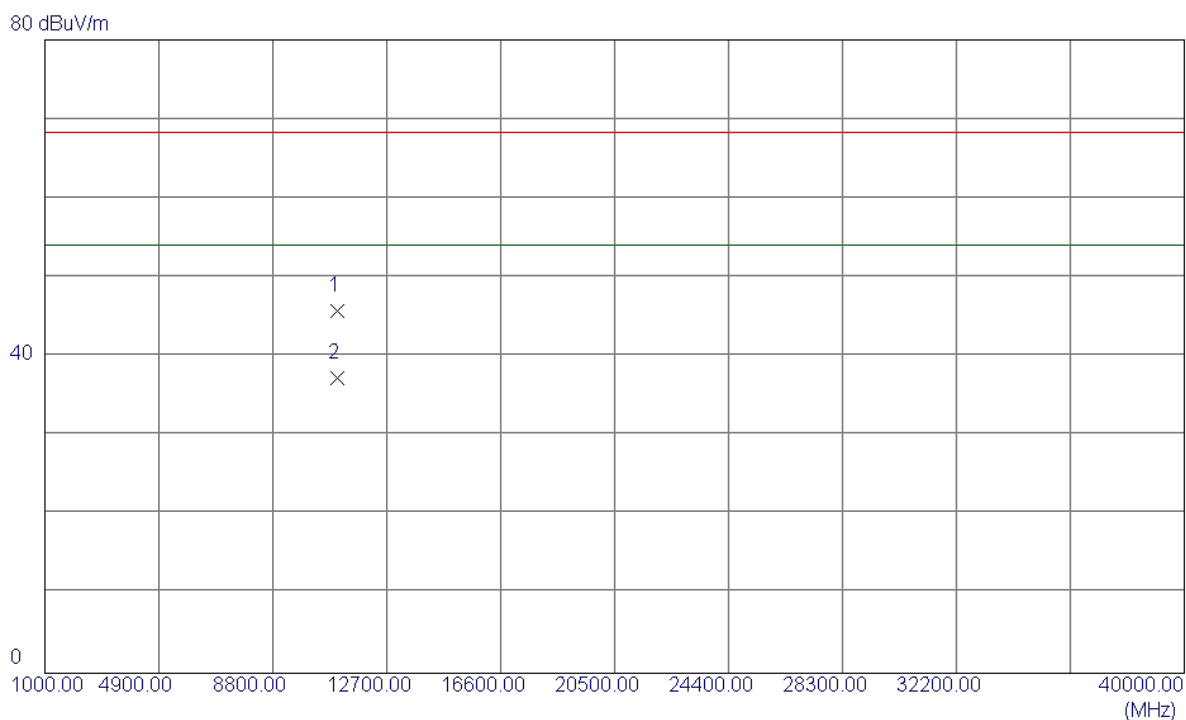
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5460.0000	8.98	42.43	51.41	68.30	-16.89	Peak	
2	5460.0000	0.70	42.43	43.13	54.00	-10.87	AVG	
3	5470.0000	8.35	42.46	50.81	68.30	-17.49	Peak	
4	5470.0000	1.01	42.46	43.47	54.00	-10.53	AVG	
5	5493.6000	52.04	42.54	94.58	54.00	40.58	AVG	No Limit
6	5494.3000	64.84	42.54	107.38	68.30	39.08	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC20 Mode 5500MHz

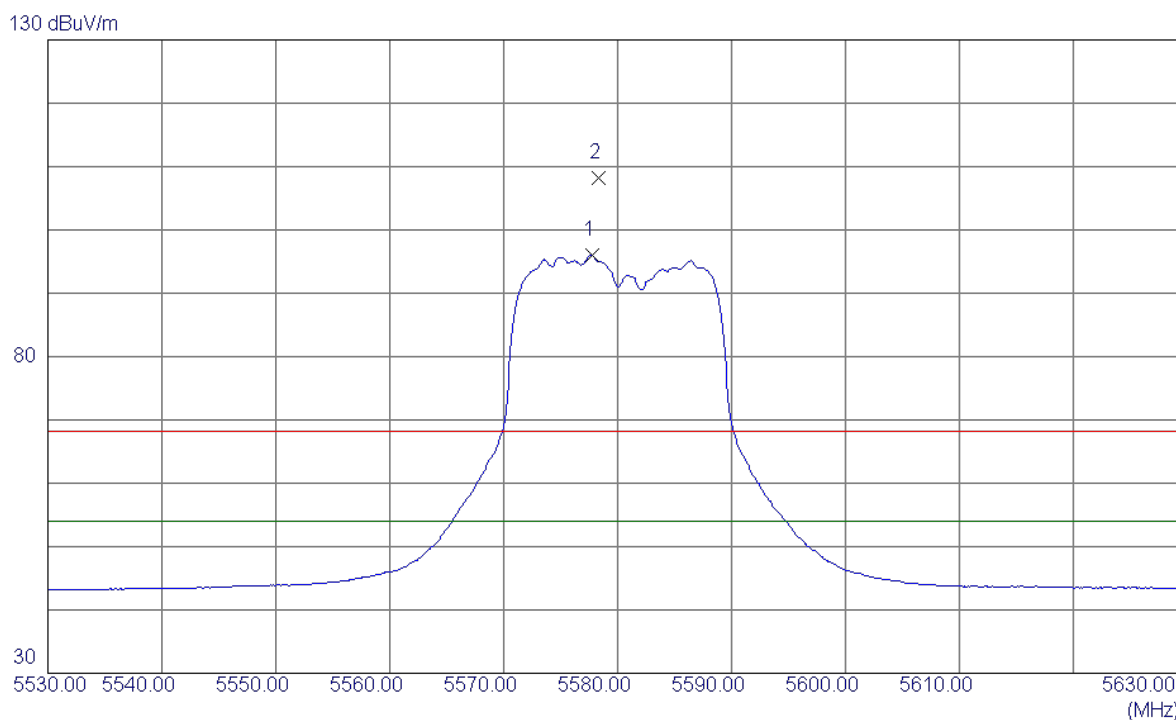
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11000.4600	34.37	11.38	45.75	68.30	-22.55	Peak	
2	11000.4600	25.87	11.38	37.25	54.00	-16.75	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC20 Mode 5580MHz

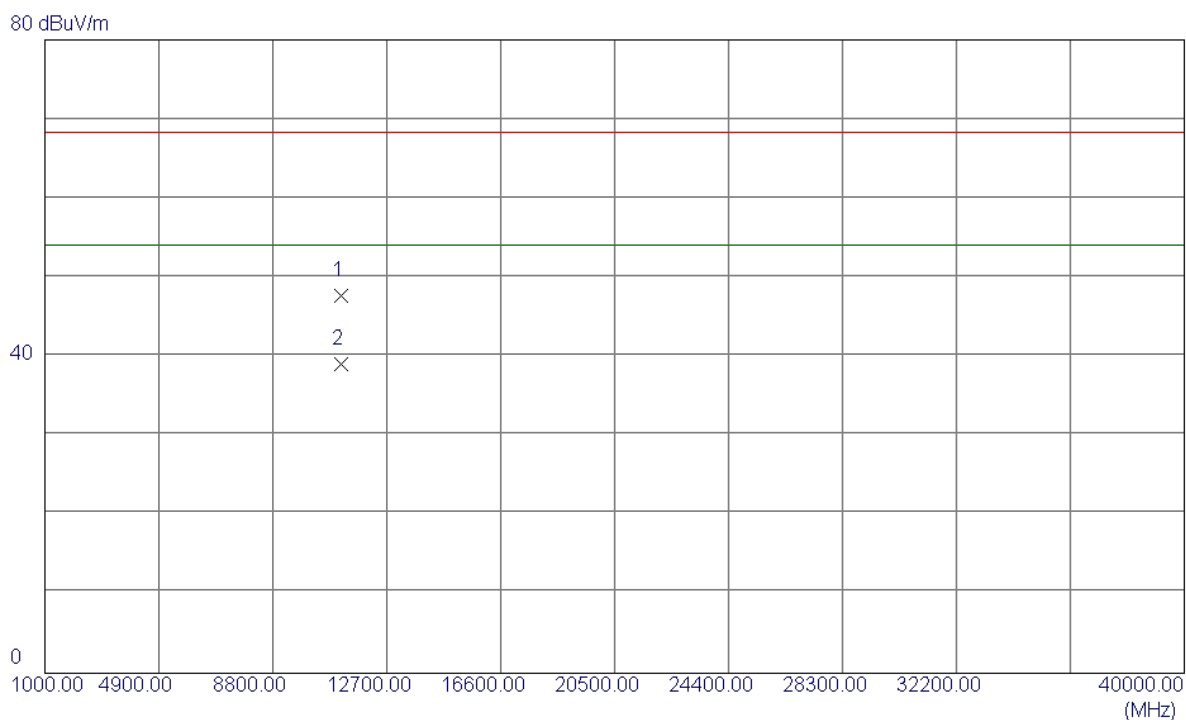
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5577.8000	53.35	42.73	96.08	54.00	42.08	AVG	No Limit
2	5578.3000	65.56	42.73	108.29	68.30	39.99	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC20 Mode 5580MHz

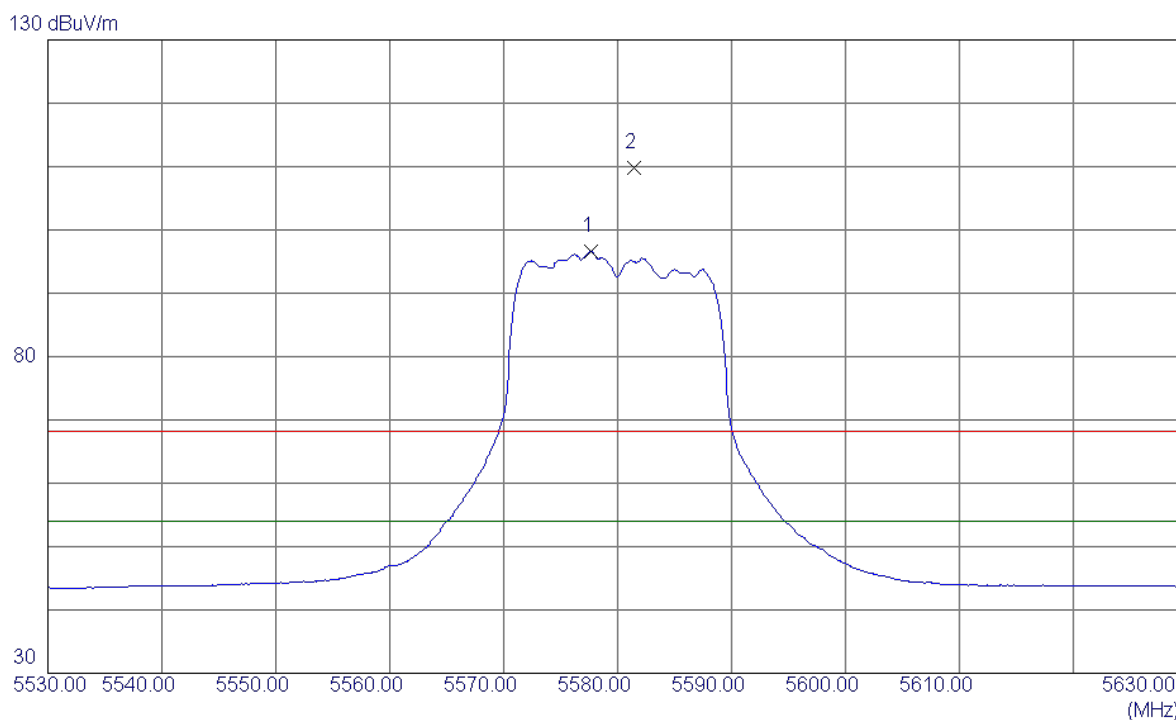
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11160.3500	35.84	11.88	47.72	68.30	-20.58	Peak	
2	11160.3500	27.16	11.88	39.04	54.00	-14.96	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC20 Mode 5580MHz

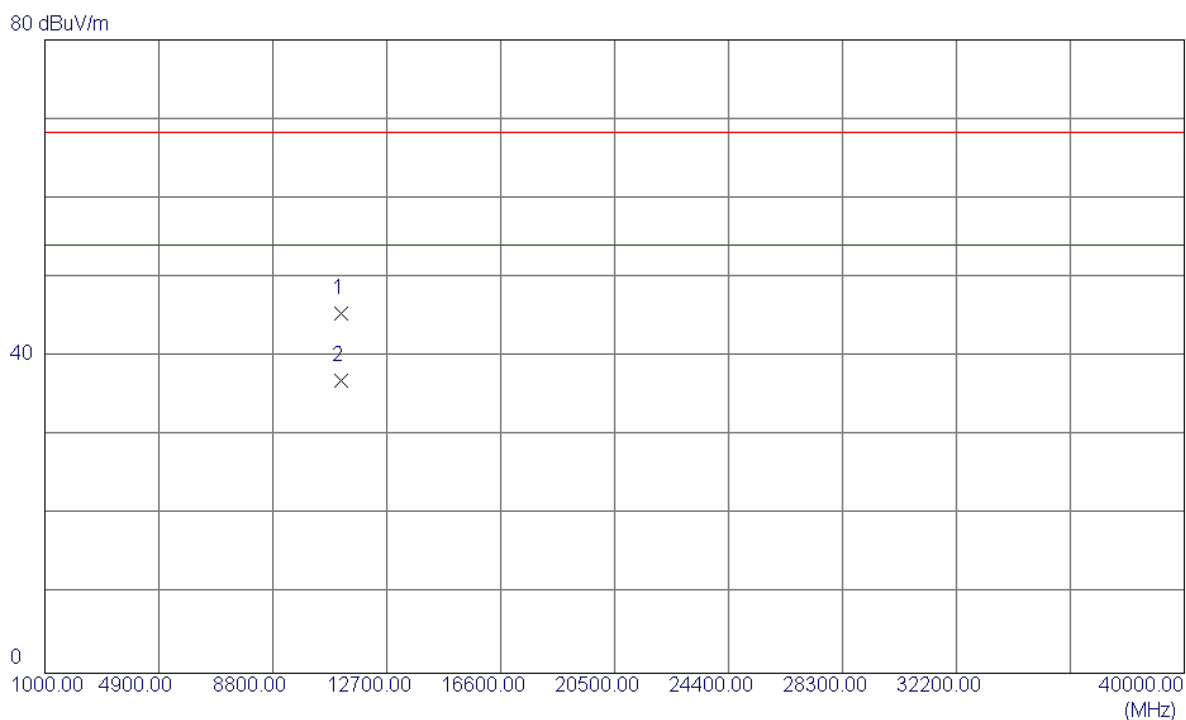
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5577.7000	53.85	42.73	96.58	54.00	42.58	AVG	No Limit
2	5581.4000	67.13	42.74	109.87	68.30	41.57	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC20 Mode 5580MHz

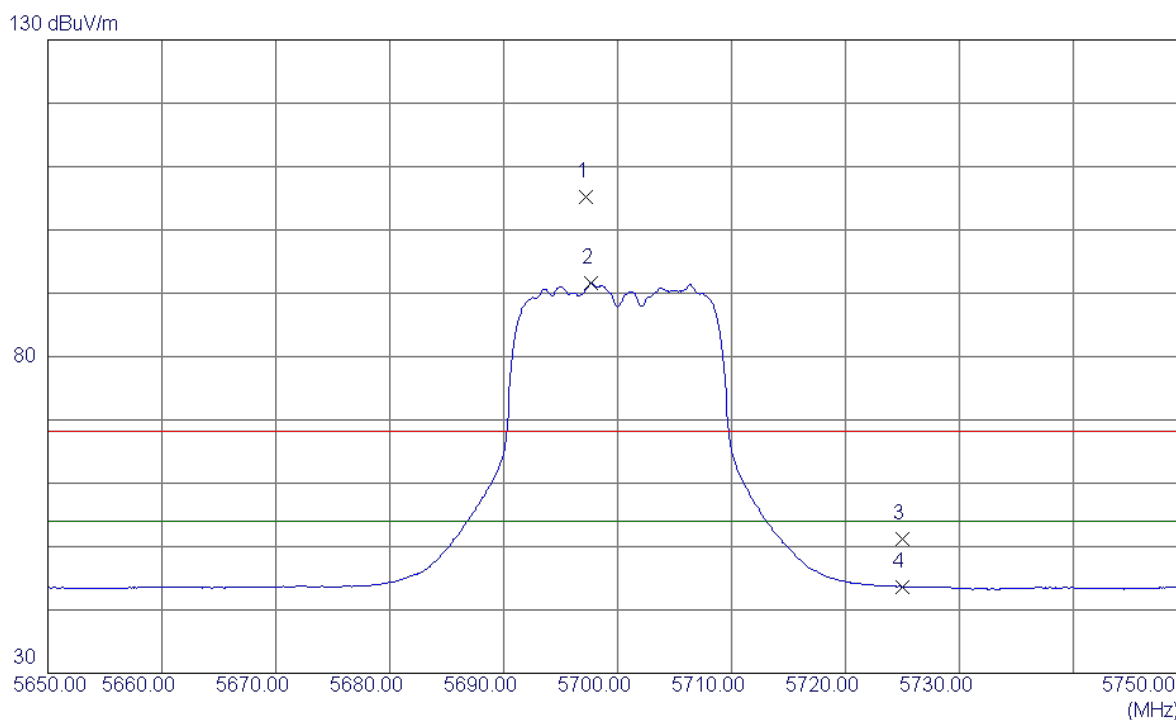
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11159.7300	33.58	11.88	45.46	68.30	-22.84	Peak	
2	11159.7300	25.04	11.88	36.92	54.00	-17.08	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC20 Mode 5700MHz

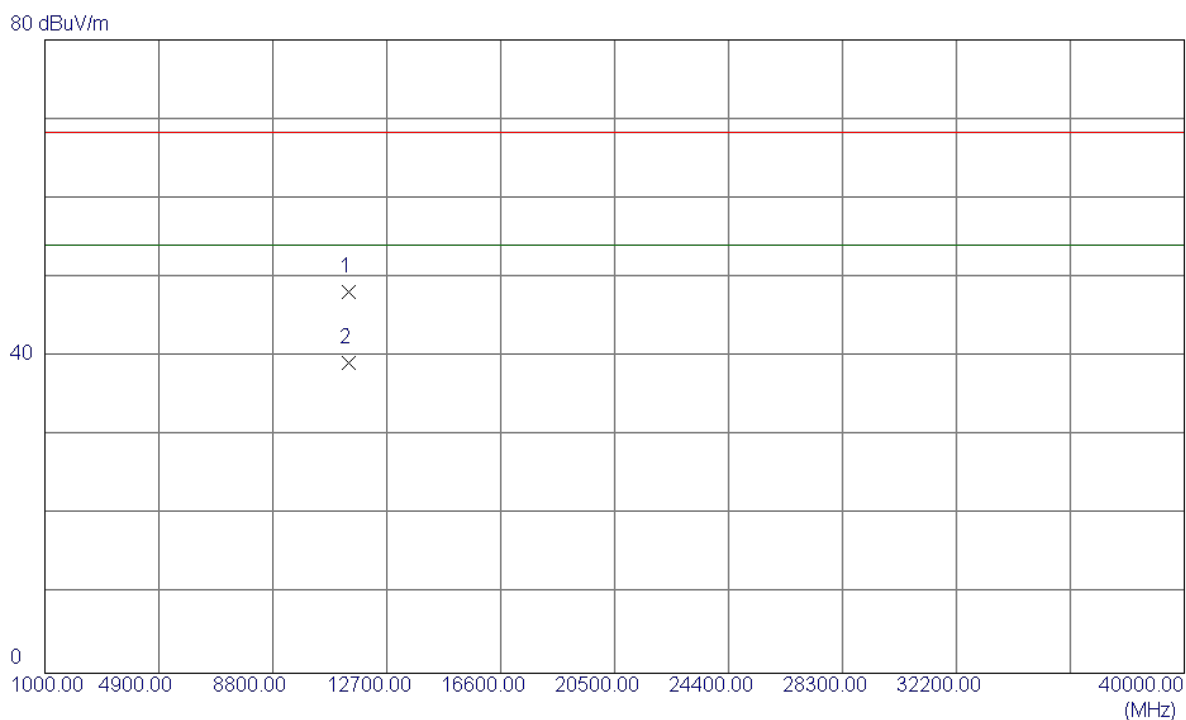
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5697.2000	62.13	43.00	105.13	68.30	36.83	Peak	No Limit
2	5697.7000	48.68	43.00	91.68	54.00	37.68	AVG	No Limit
3	5725.0000	8.12	43.06	51.18	68.30	-17.12	Peak	
4	5725.0000	0.62	43.06	43.68	54.00	-10.32	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC20 Mode 5700MHz

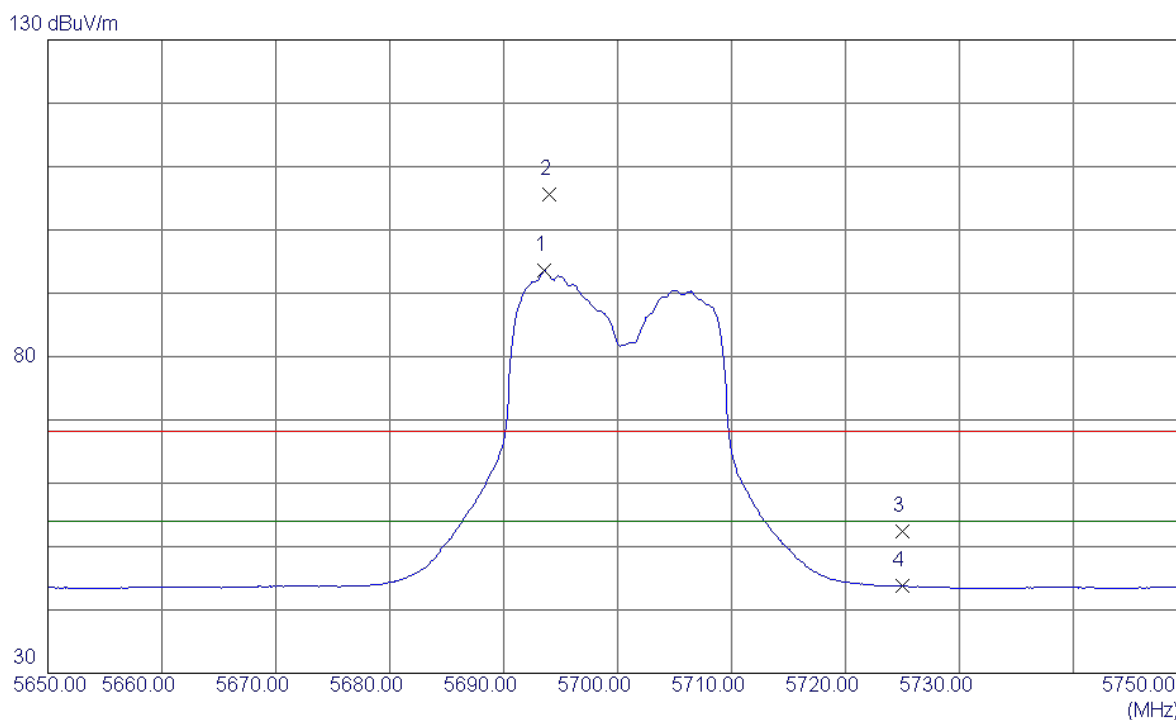
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11400.2800	35.47	12.63	48.10	68.30	-20.20	Peak	
2	11400.2800	26.64	12.63	39.27	54.00	-14.73	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC20 Mode 5700MHz

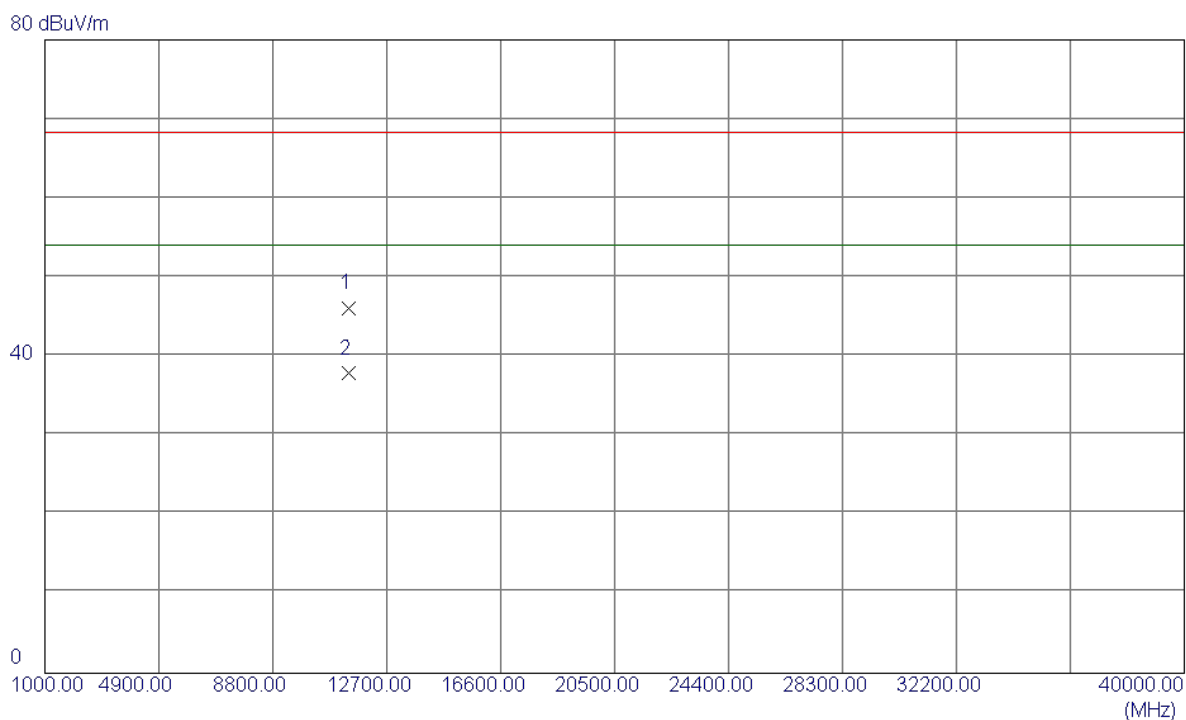
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5693.6000	50.59	42.99	93.58	54.00	39.58	AVG	No Limit
2	5694.0000	62.52	42.99	105.51	68.30	37.21	Peak	No Limit
3	5725.0000	9.38	43.06	52.44	68.30	-15.86	Peak	
4	5725.0000	0.67	43.06	43.73	54.00	-10.27	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC20 Mode 5700MHz

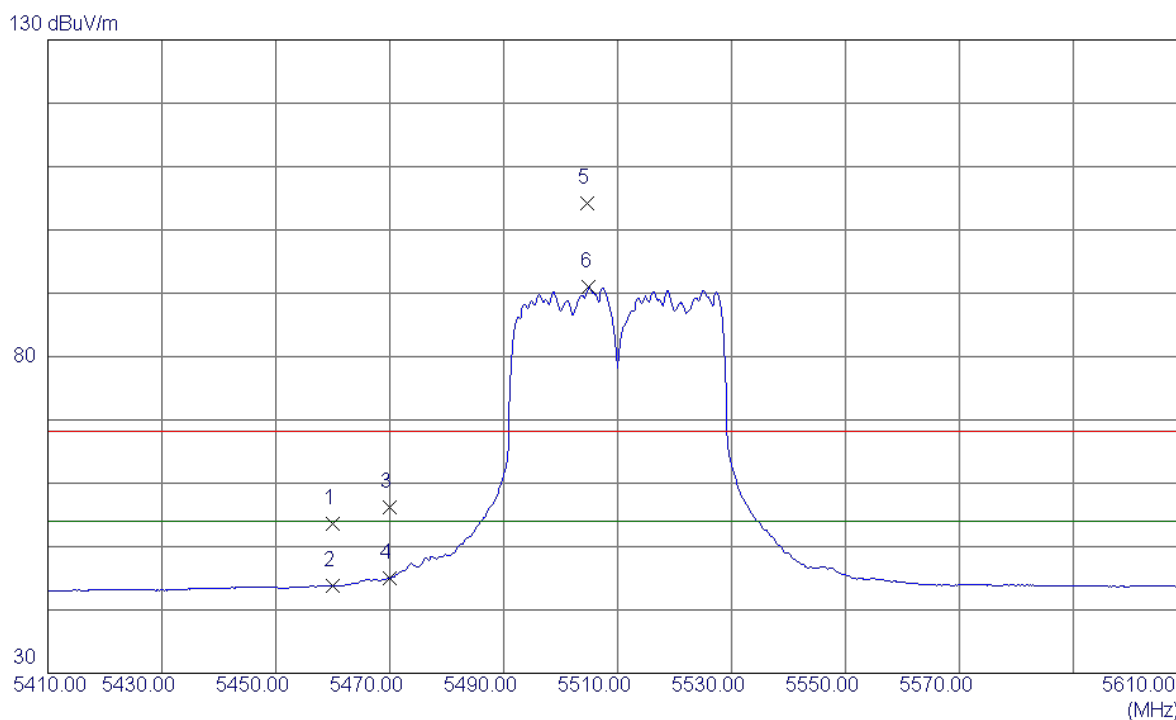
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11401.4300	33.47	12.63	46.10	68.30	-22.20	Peak	
2	11401.4300	25.21	12.63	37.84	54.00	-16.16	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC40 Mode 5510MHz

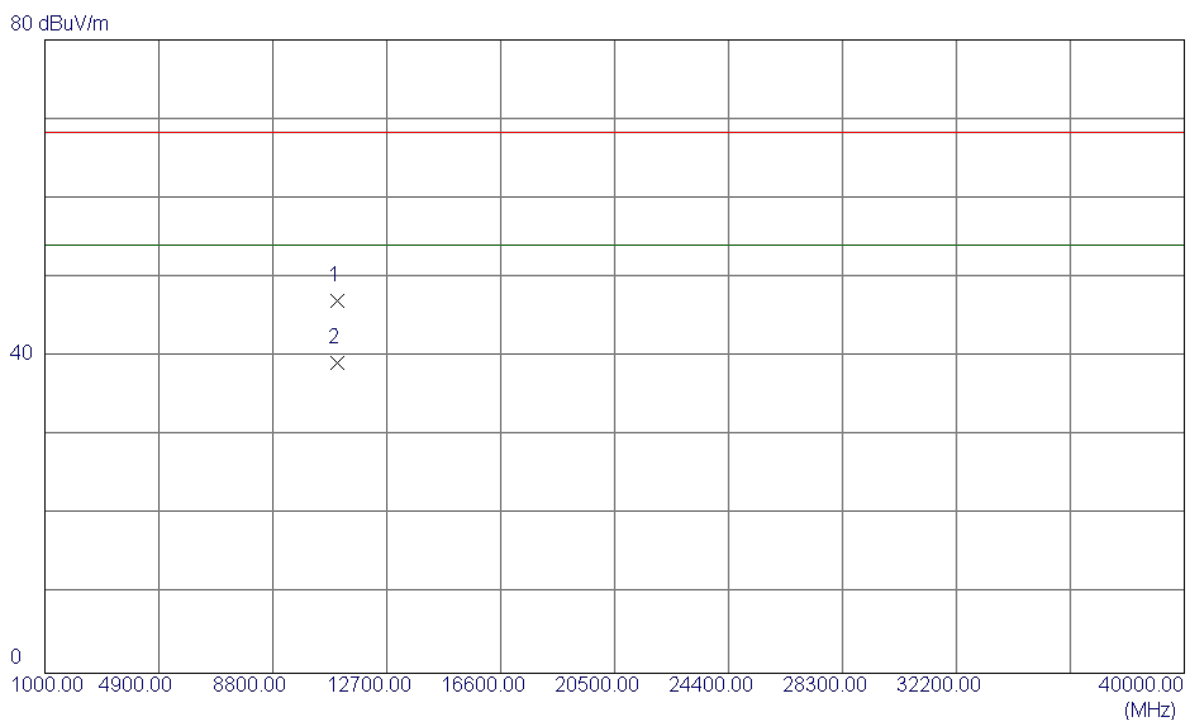
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5460.0000	11.11	42.43	53.54	68.30	-14.76	Peak	
2	5460.0000	1.42	42.43	43.85	54.00	-10.15	AVG	
3	5470.0000	13.77	42.46	56.23	68.30	-12.07	Peak	
4	5470.0000	2.54	42.46	45.00	54.00	-9.00	AVG	
5	5504.6000	61.67	42.57	104.24	68.30	35.94	Peak	No Limit
6	5505.0000	48.37	42.57	90.94	54.00	36.94	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC40 Mode 5510MHz

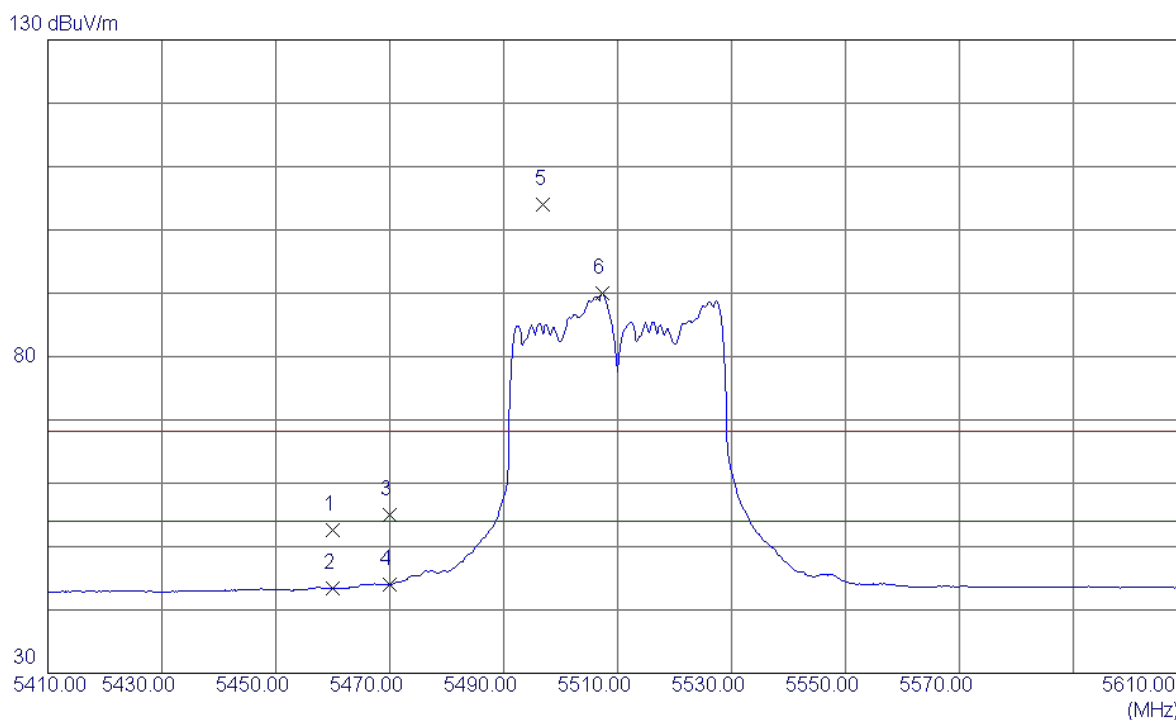
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11020.3600	35.59	11.44	47.03	68.30	-21.27	Peak	
2	11020.3600	27.83	11.44	39.27	54.00	-14.73	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC40 Mode 5510MHz

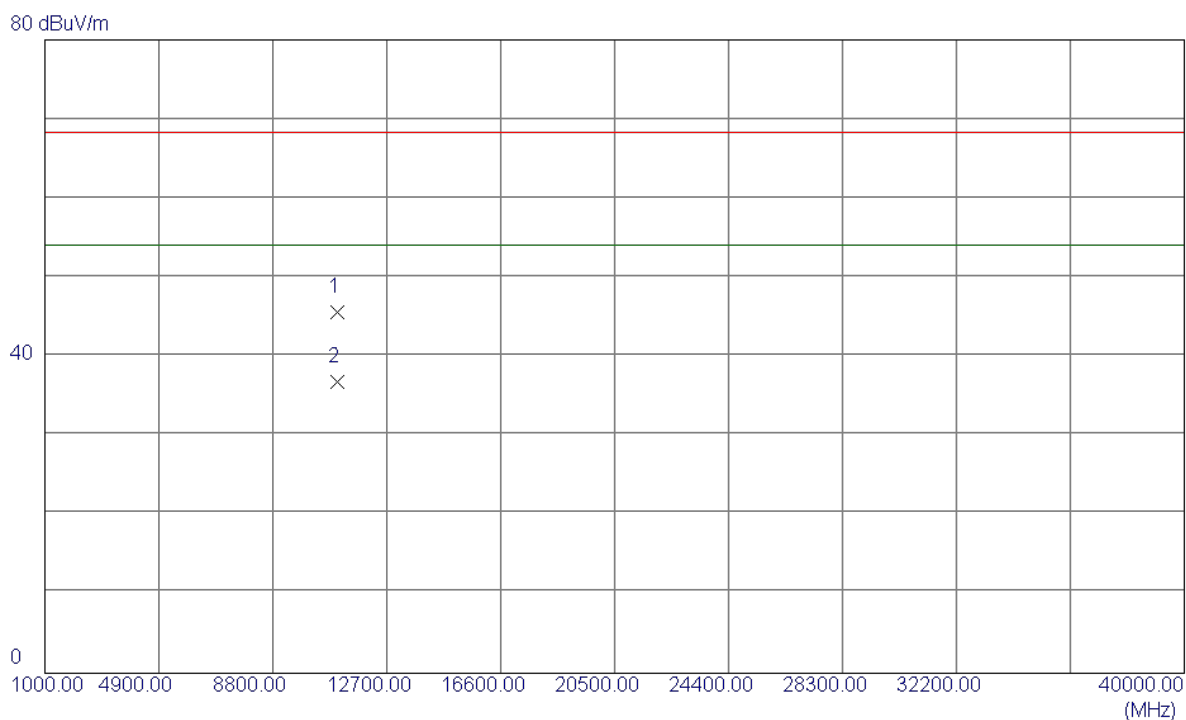
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5460.0000	10.10	42.43	52.53	68.30	-15.77	Peak	
2	5460.0000	1.01	42.43	43.44	54.00	-10.56	AVG	
3	5470.0000	12.49	42.46	54.95	68.30	-13.35	Peak	
4	5470.0000	1.60	42.46	44.06	54.00	-9.94	AVG	
5	5497.0000	61.51	42.55	104.06	68.30	35.76	Peak	No Limit
6	5507.4000	47.34	42.58	89.92	54.00	35.92	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC40 Mode 5510MHz

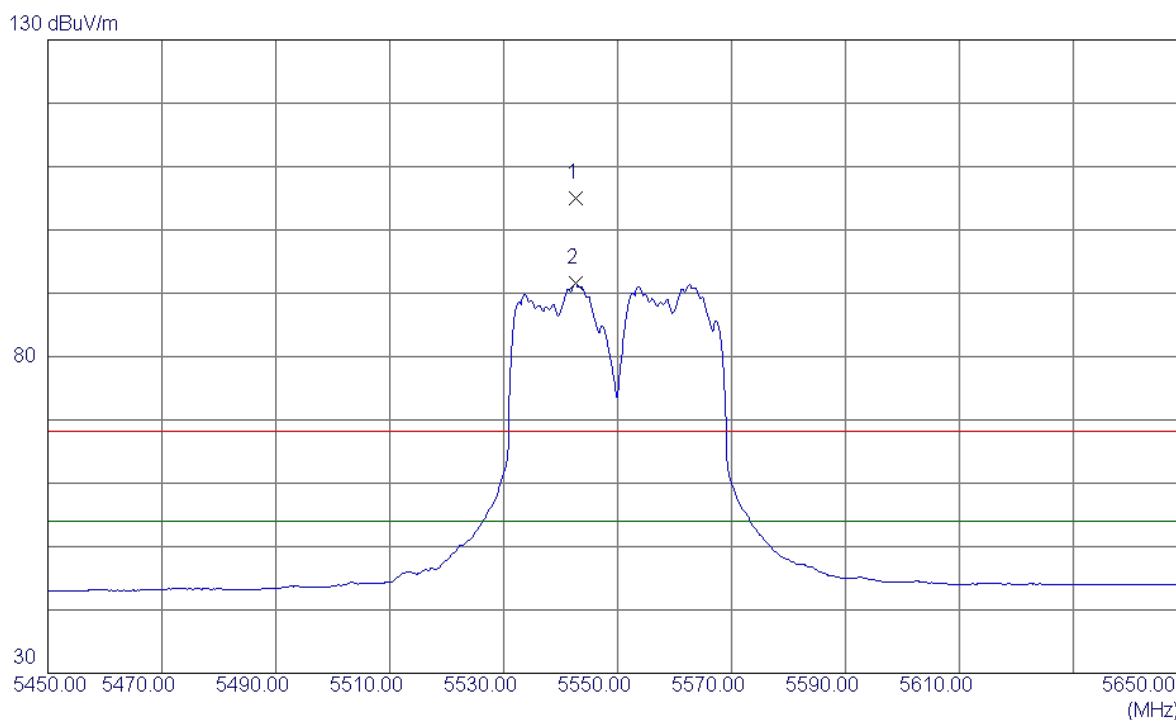
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11020.1500	34.11	11.44	45.55	68.30	-22.75	Peak	
2	11020.1500	25.34	11.44	36.78	54.00	-17.22	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC40 Mode 5550MHz

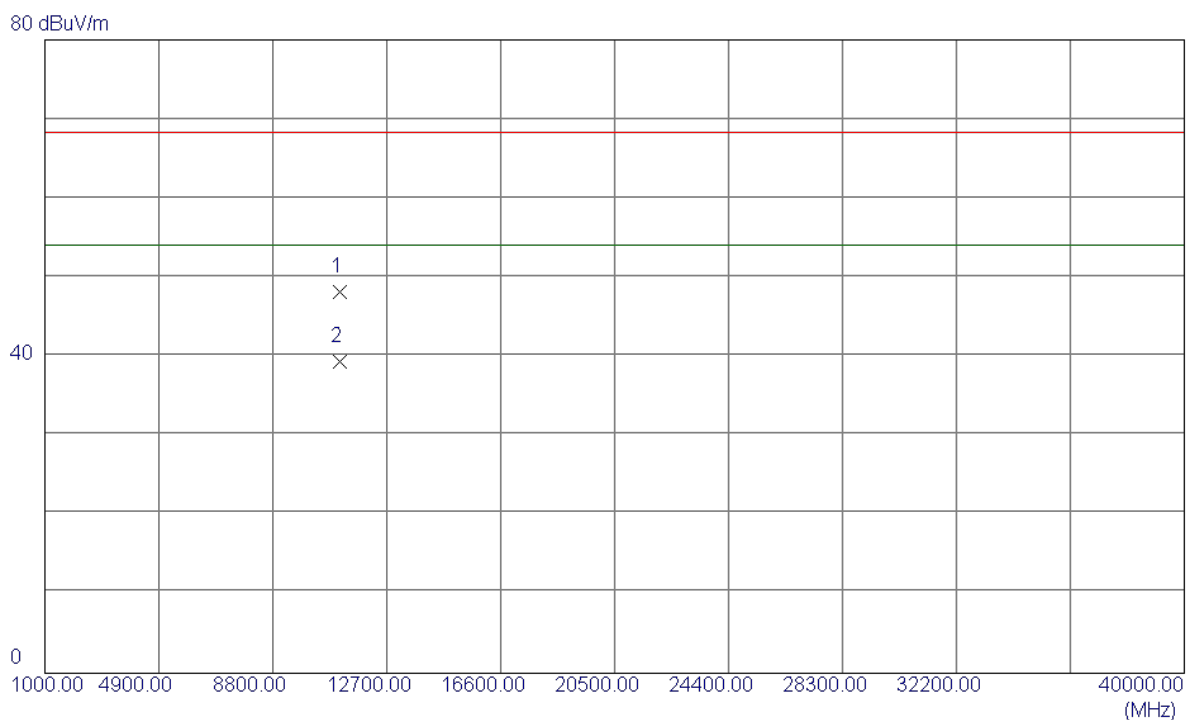
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5542.6000	62.37	42.65	105.02	68.30	36.72	Peak	No Limit
2	5542.6000	48.91	42.65	91.56	54.00	37.56	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC40 Mode 5550MHz

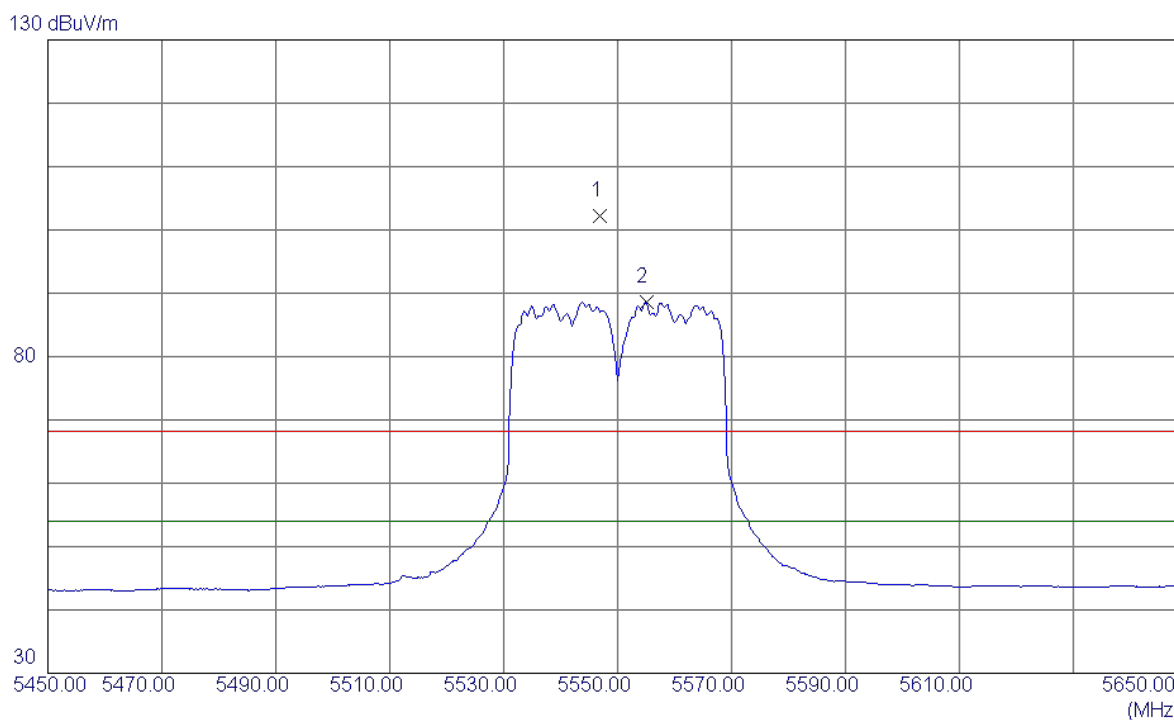
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11100.7200	36.45	11.69	48.14	68.30	-20.16	Peak	
2	11100.7200	27.64	11.69	39.33	54.00	-14.67	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC40 Mode 5550MHz

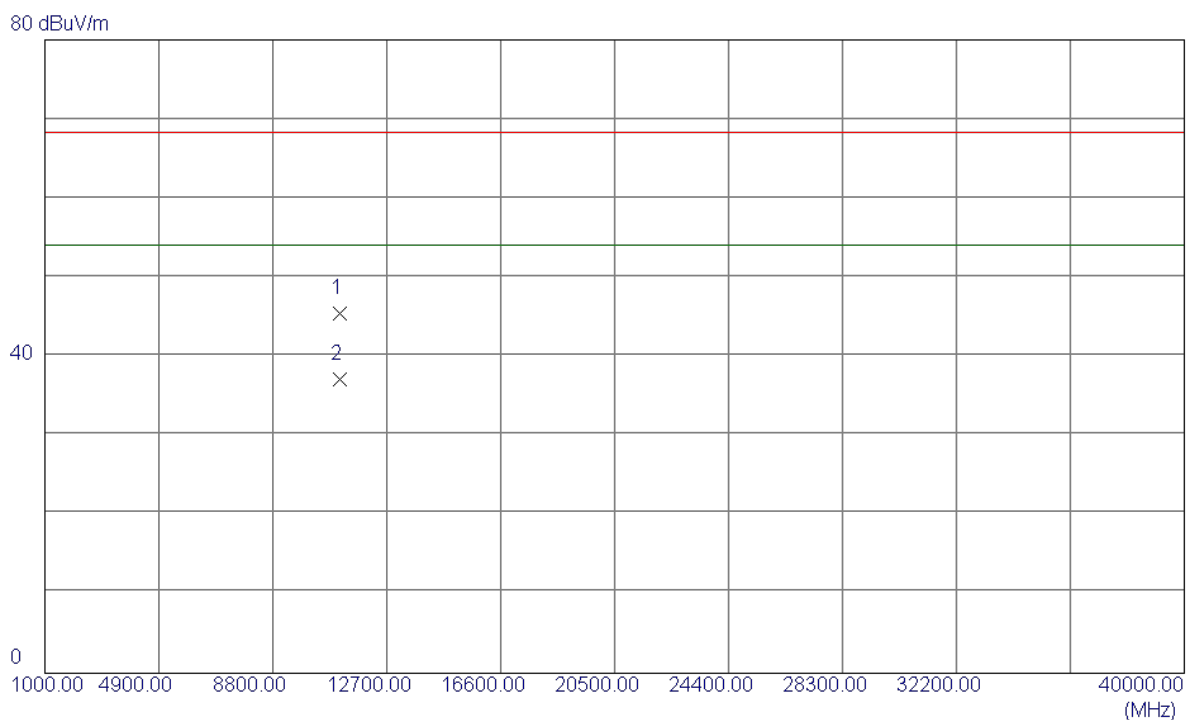
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5546.8000	59.63	42.66	102.29	68.30	33.99	Peak	No Limit
2	5555.0000	46.00	42.68	88.68	54.00	34.68	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC40 Mode 5550MHz

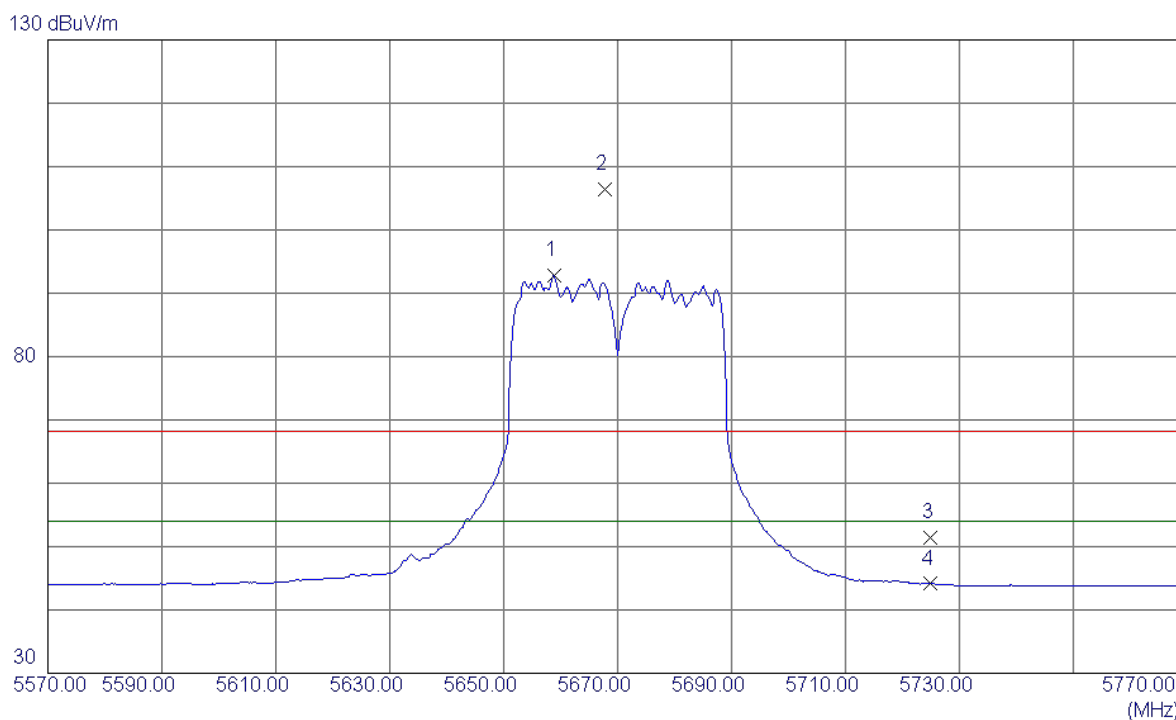
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11100.5700	33.79	11.69	45.48	68.30	-22.82	Peak	
2	11100.5700	25.46	11.69	37.15	54.00	-16.85	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC40 Mode 5670MHz

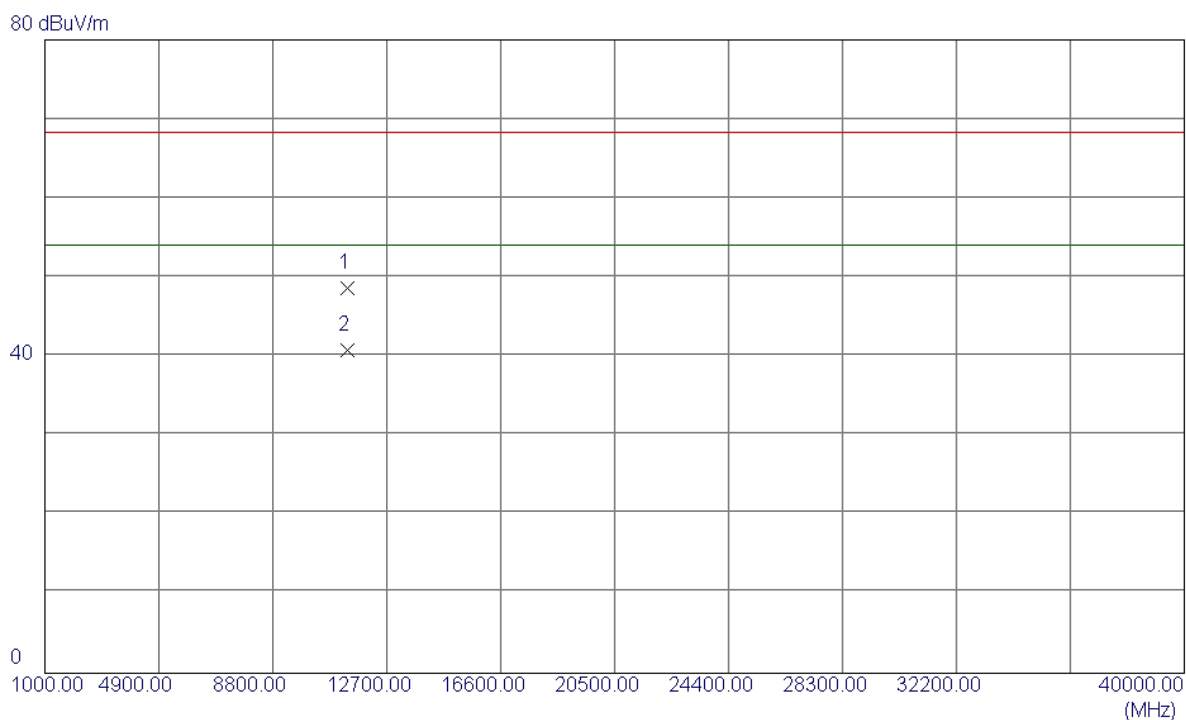
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5658.8000	49.84	42.91	92.75	54.00	38.75	AVG	No Limit
2	5667.8000	63.51	42.93	106.44	68.30	38.14	Peak	No Limit
3	5725.0000	8.34	43.06	51.40	68.30	-16.90	Peak	
4	5725.0000	1.04	43.06	44.10	54.00	-9.90	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC40 Mode 5670MHz

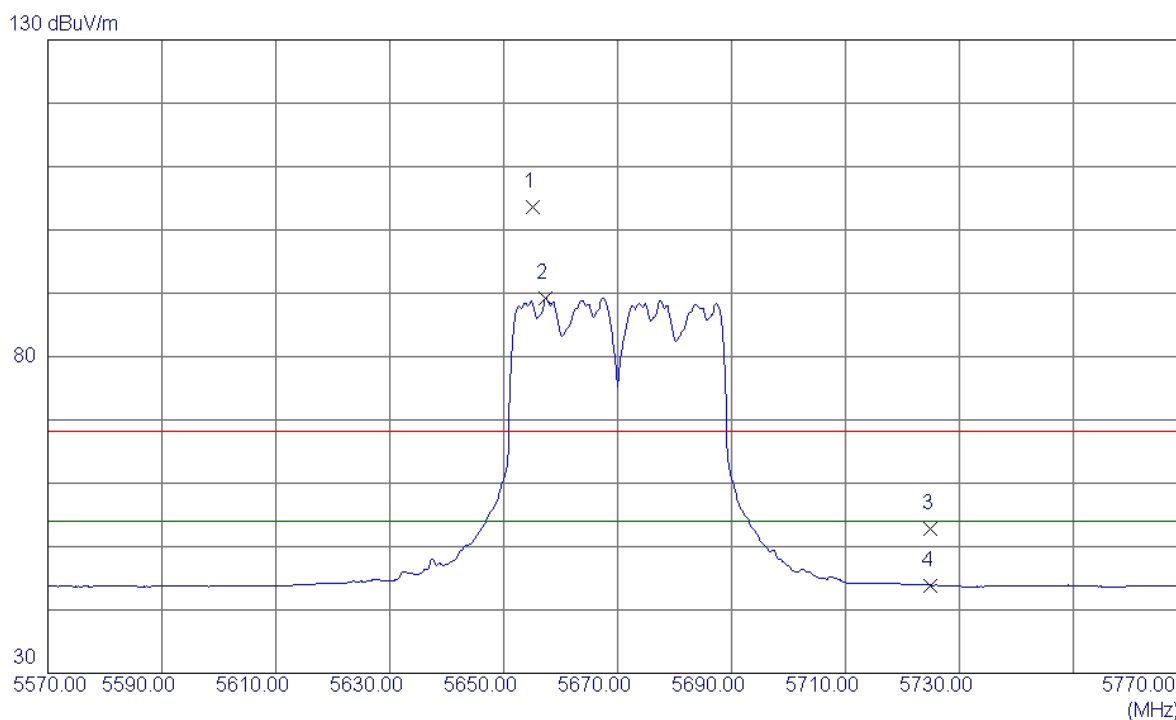
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11339.7900	36.17	12.44	48.61	68.30	-19.69	Peak	
2	11339.8000	28.33	12.44	40.77	54.00	-13.23	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC40 Mode 5670MHz

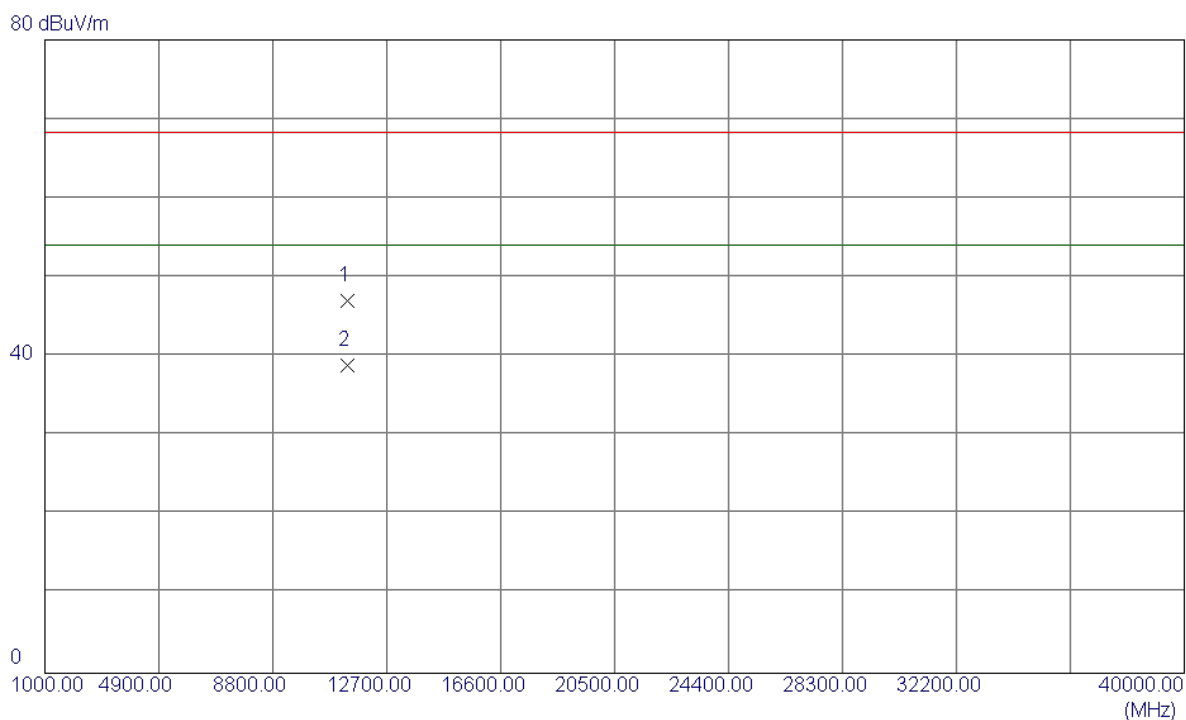
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5655.2000	60.76	42.90	103.66	68.30	35.36	Peak	No Limit
2	5657.4000	46.30	42.91	89.21	54.00	35.21	AVG	No Limit
3	5725.0000	9.66	43.06	52.72	68.30	-15.58	Peak	
4	5725.0000	0.83	43.06	43.89	54.00	-10.11	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC40 Mode 5670MHz

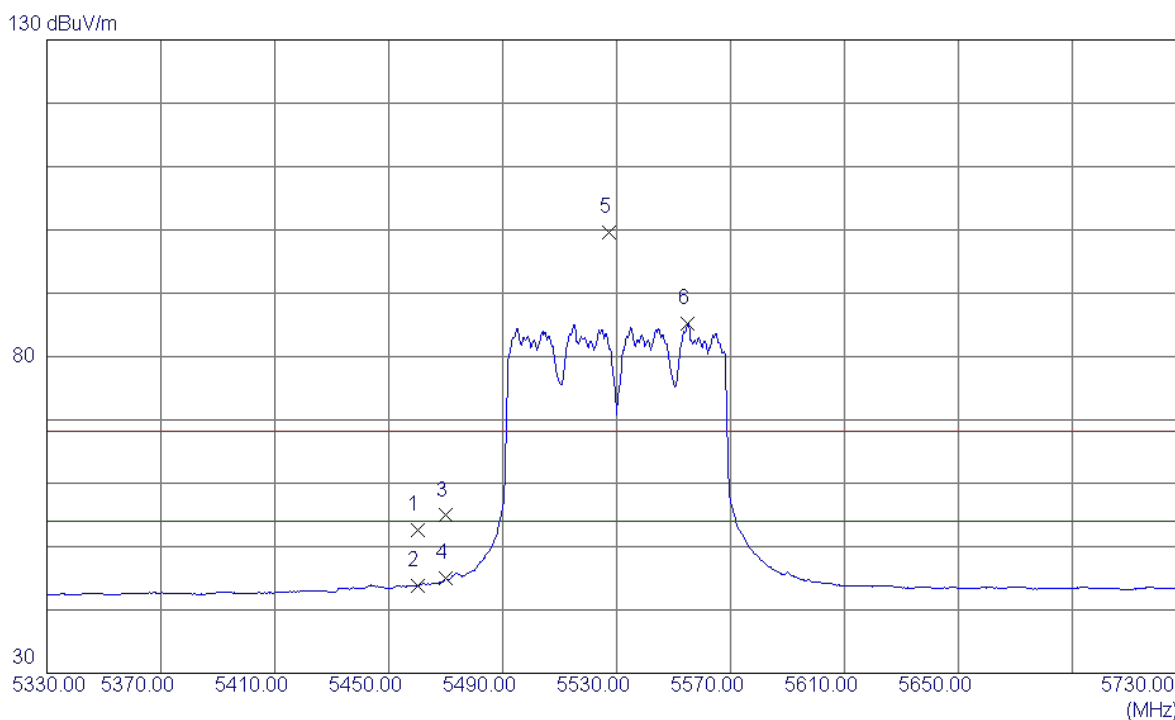
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11340.2400	34.59	12.44	47.03	68.30	-21.27	Peak	
2	11340.2400	26.37	12.44	38.81	54.00	-15.19	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC80 Mode 5530MHz

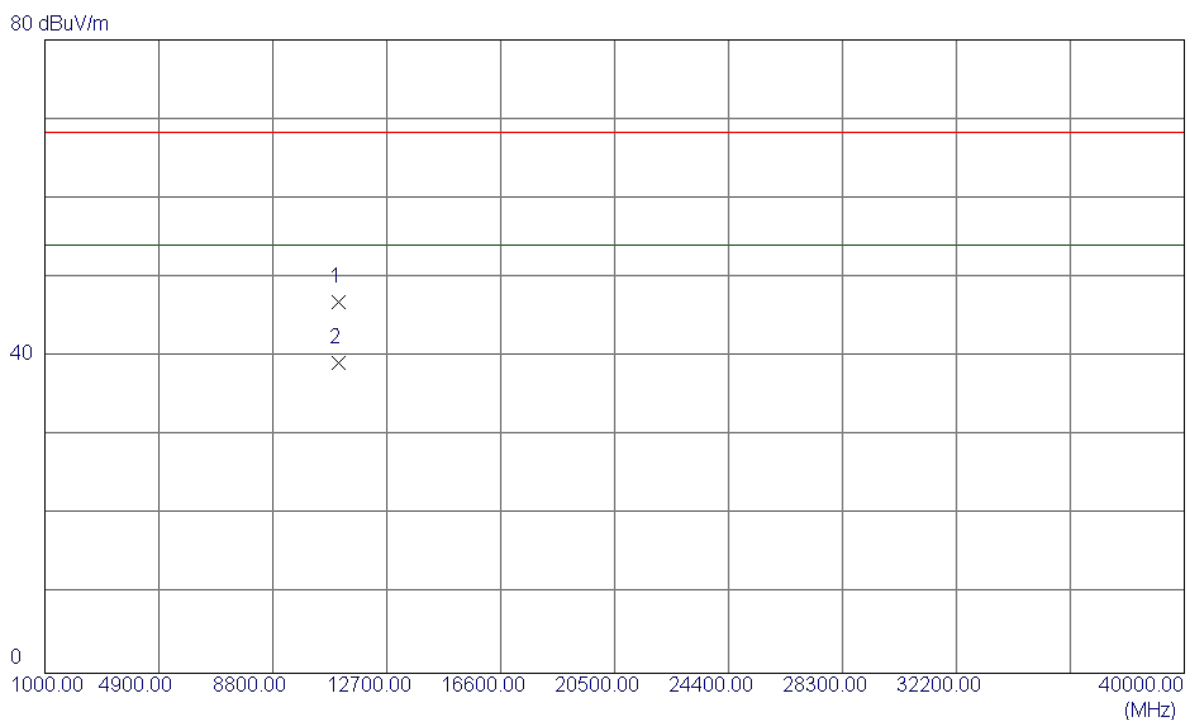
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5460.0000	10.24	42.43	52.67	68.30	-15.63	Peak	
2	5460.0000	1.42	42.43	43.85	54.00	-10.15	AVG	
3	5470.0000	12.44	42.46	54.90	68.30	-13.40	Peak	
4	5470.0000	2.47	42.46	44.93	54.00	-9.07	AVG	
5	5527.2000	57.02	42.62	99.64	68.30	31.34	Peak	No Limit
6	5554.8000	42.52	42.68	85.20	54.00	31.20	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC80 Mode 5530MHz

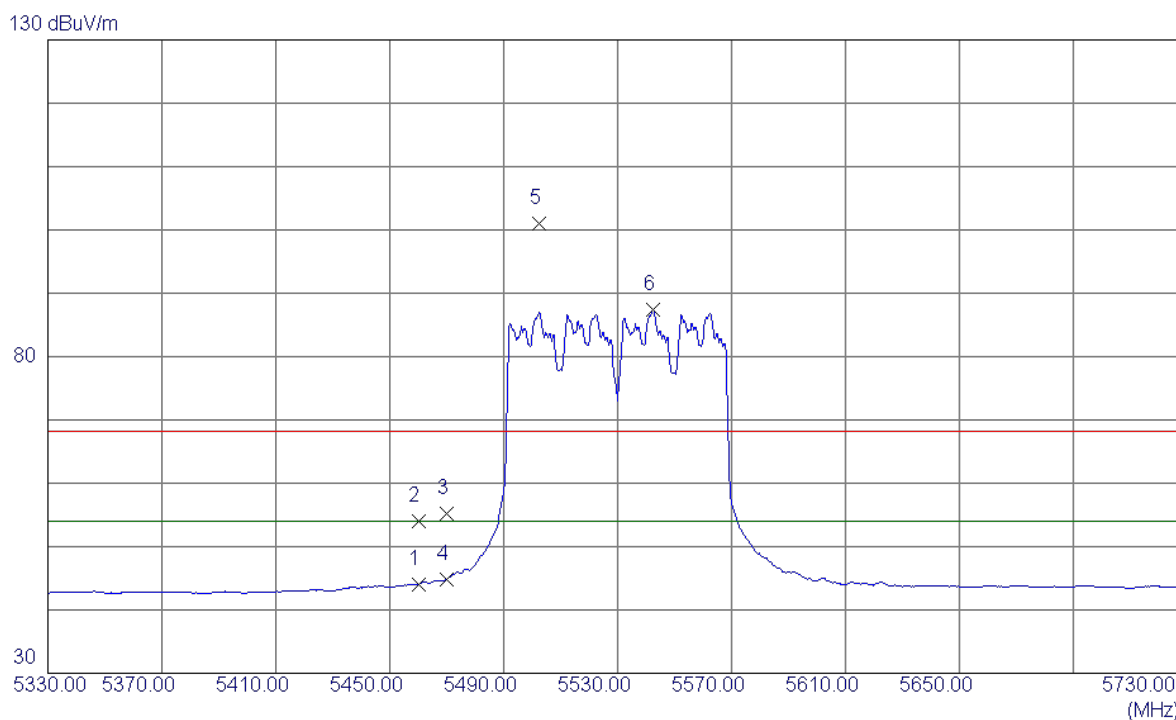
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11060.7800	35.25	11.57	46.82	68.30	-21.48	Peak	
2	11060.7800	27.67	11.57	39.24	54.00	-14.76	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC80 Mode 5530MHz

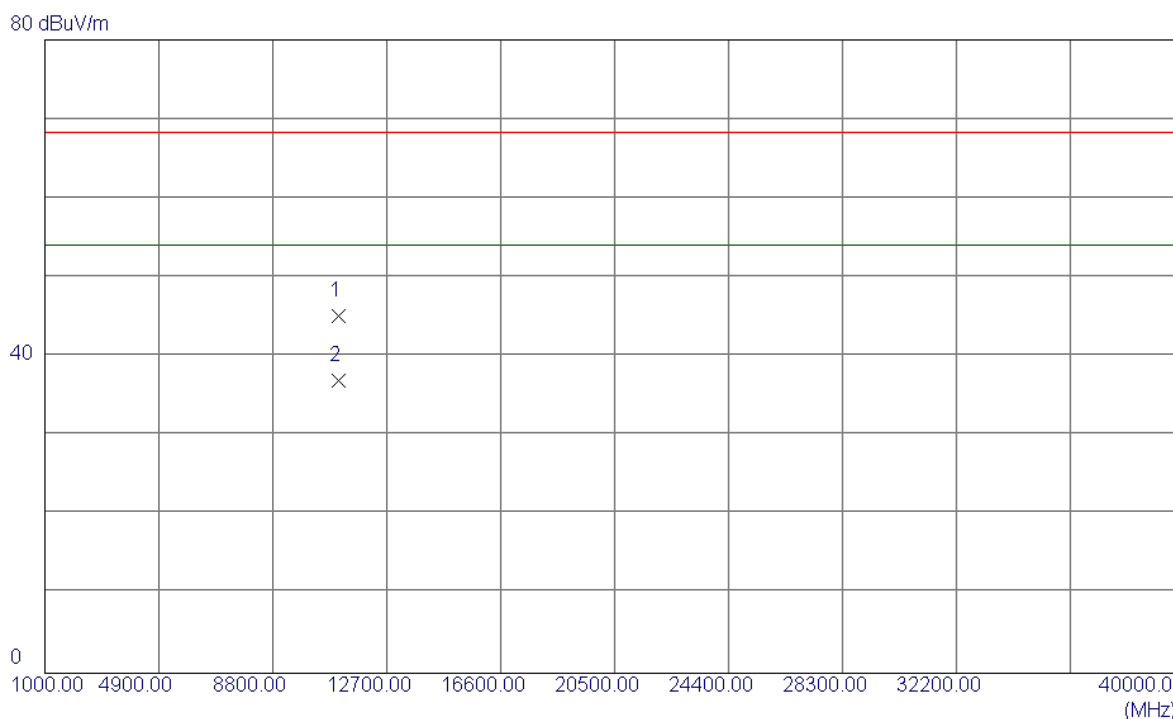
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5460.0000	1.59	42.43	44.02	68.30	-24.28	Peak	
2	5460.0000	11.48	42.43	53.91	68.30	-14.39	Peak	
3	5470.0000	12.74	42.46	55.20	68.30	-13.10	Peak	
4	5470.0000	2.31	42.46	44.77	68.30	-23.53	Peak	
5	5502.4000	58.35	42.57	100.92	68.30	32.62	Peak	No Limit
6	5542.4000	44.78	42.65	87.43	54.00	33.43	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC80 Mode 5530MHz

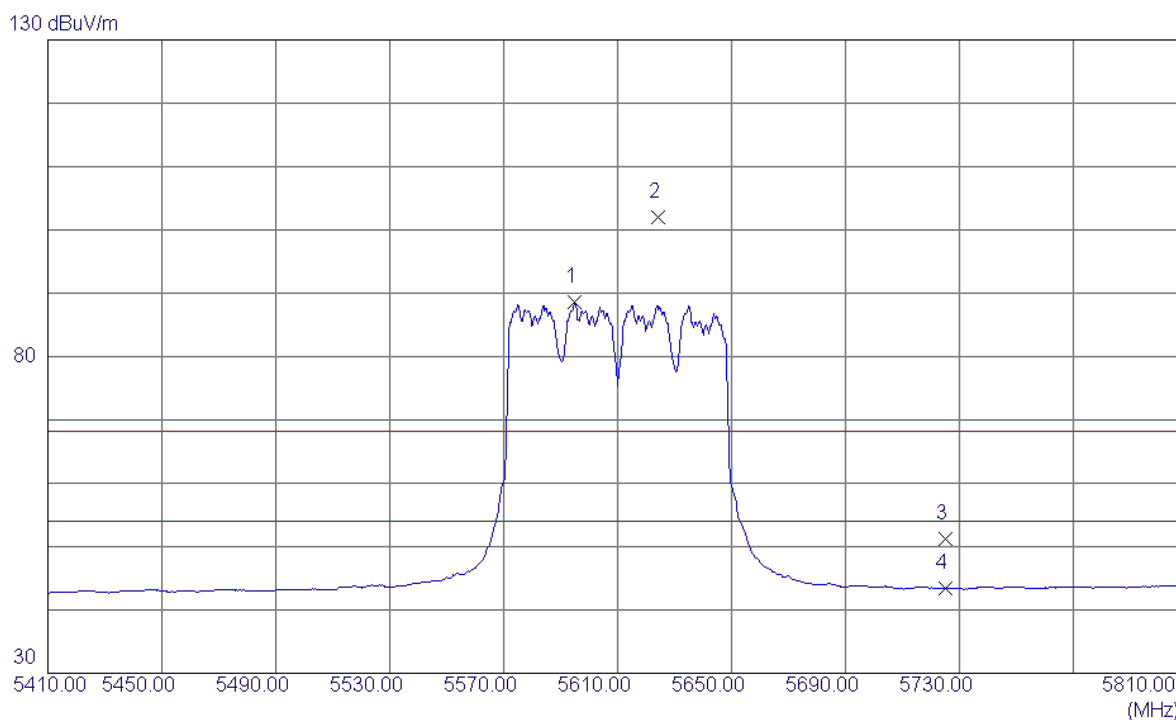
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11059.2300	33.61	11.56	45.17	68.30	-23.13	Peak	
2	11059.2300	25.42	11.56	36.98	54.00	-17.02	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC80 Mode 5610MHz

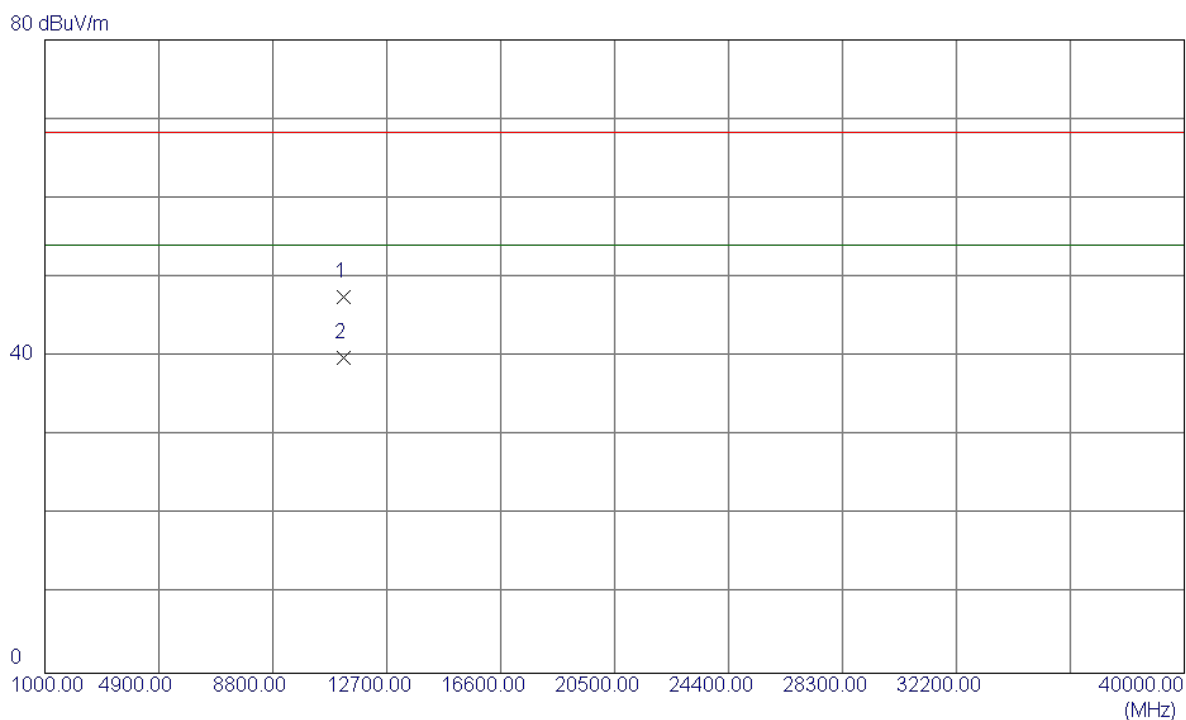
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5594.8000	45.76	42.77	88.53	68.30	20.23	Peak	No Limit
2	5624.4000	59.14	42.84	101.98	68.30	33.68	Peak	No Limit
3	5725.0000	8.20	43.06	51.26	68.30	-17.04	Peak	
4	5725.0000	0.41	43.06	43.47	54.00	-10.53	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC80 Mode 5610MHz

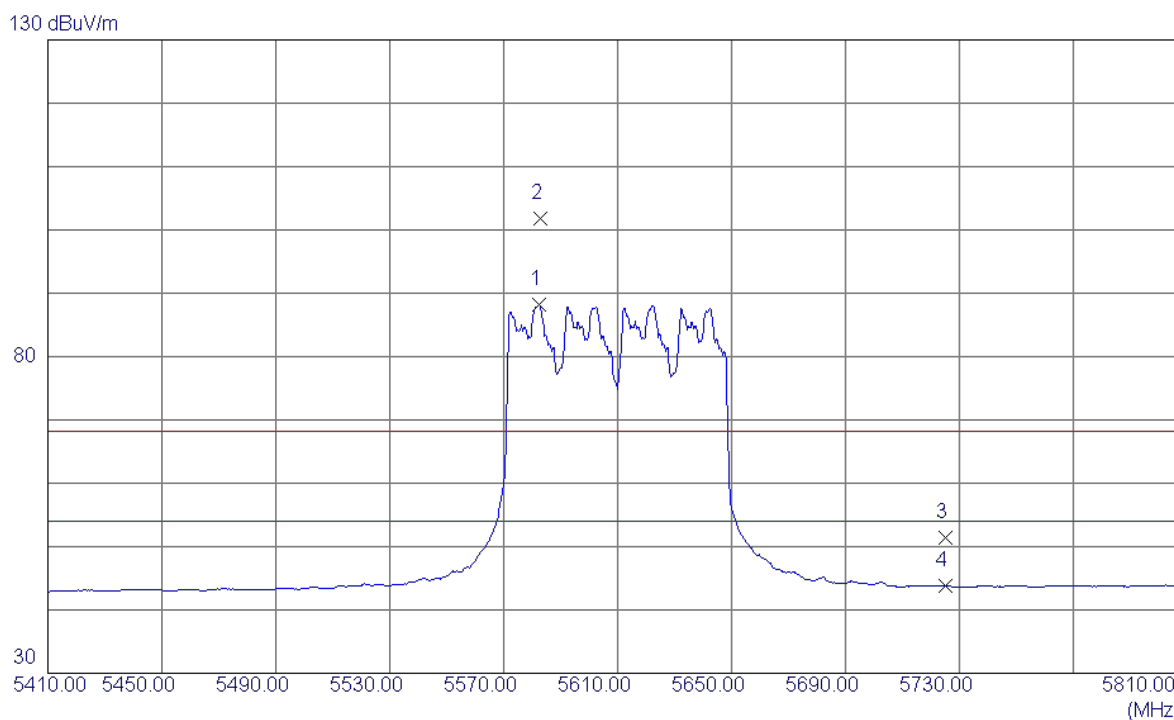
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11219.6700	35.51	12.07	47.58	68.30	-20.72	Peak	
2	11219.6700	27.73	12.07	39.80	54.00	-14.20	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC80 Mode 5610MHz

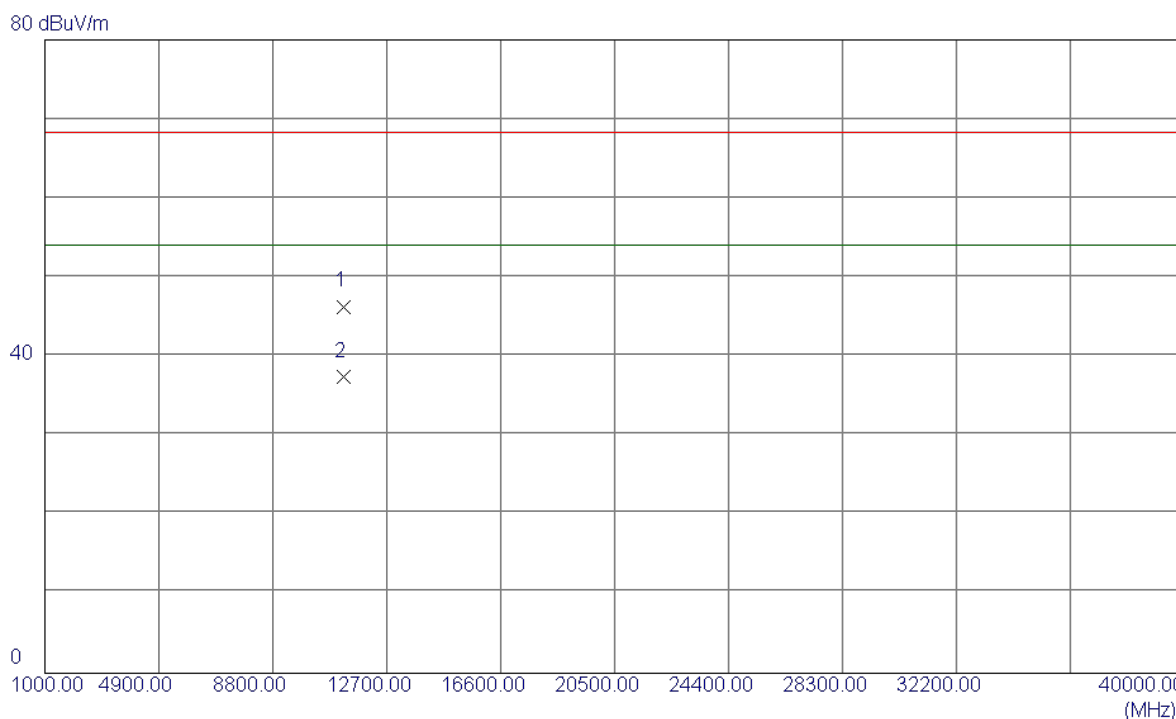
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5582.4000	45.41	42.74	88.15	54.00	34.15	AVG	No Limit
2	5582.8000	59.14	42.74	101.88	68.30	33.58	Peak	No Limit
3	5725.0000	8.31	43.06	51.37	68.30	-16.93	Peak	
4	5725.0000	0.66	43.06	43.72	54.00	-10.28	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC80 Mode 5610MHz

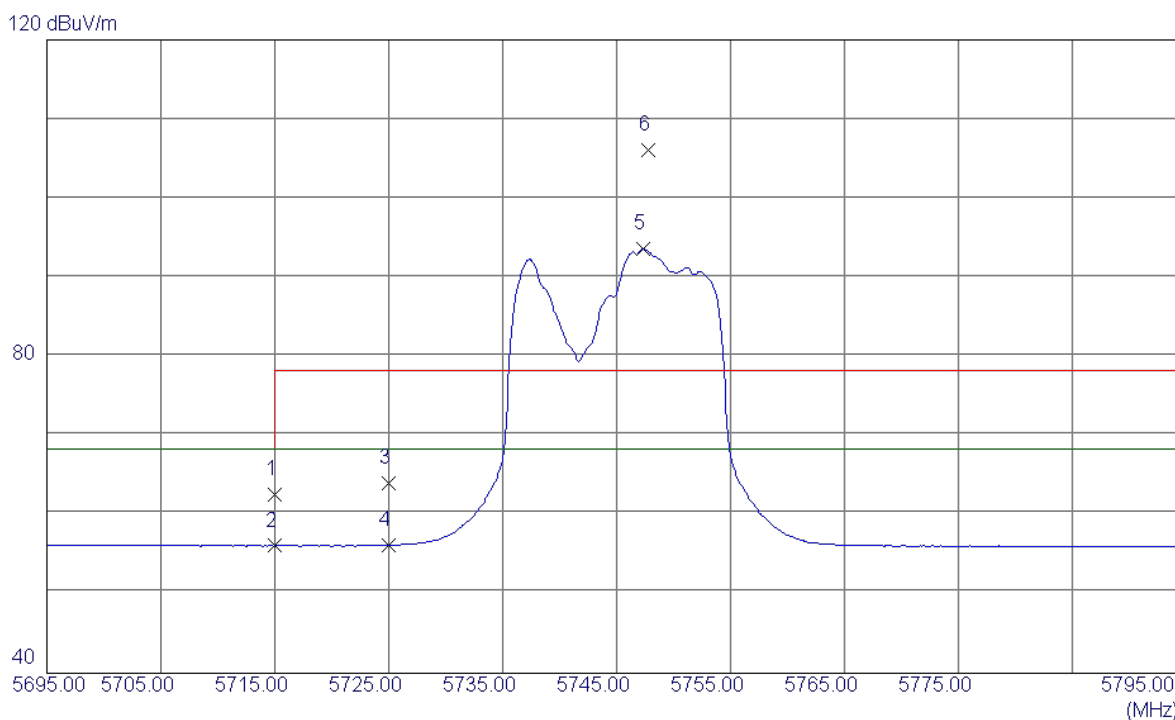
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11220.6900	34.25	12.07	46.32	68.30	-21.98	Peak	
2	11220.6900	25.33	12.07	37.40	54.00	-16.60	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5745MHz

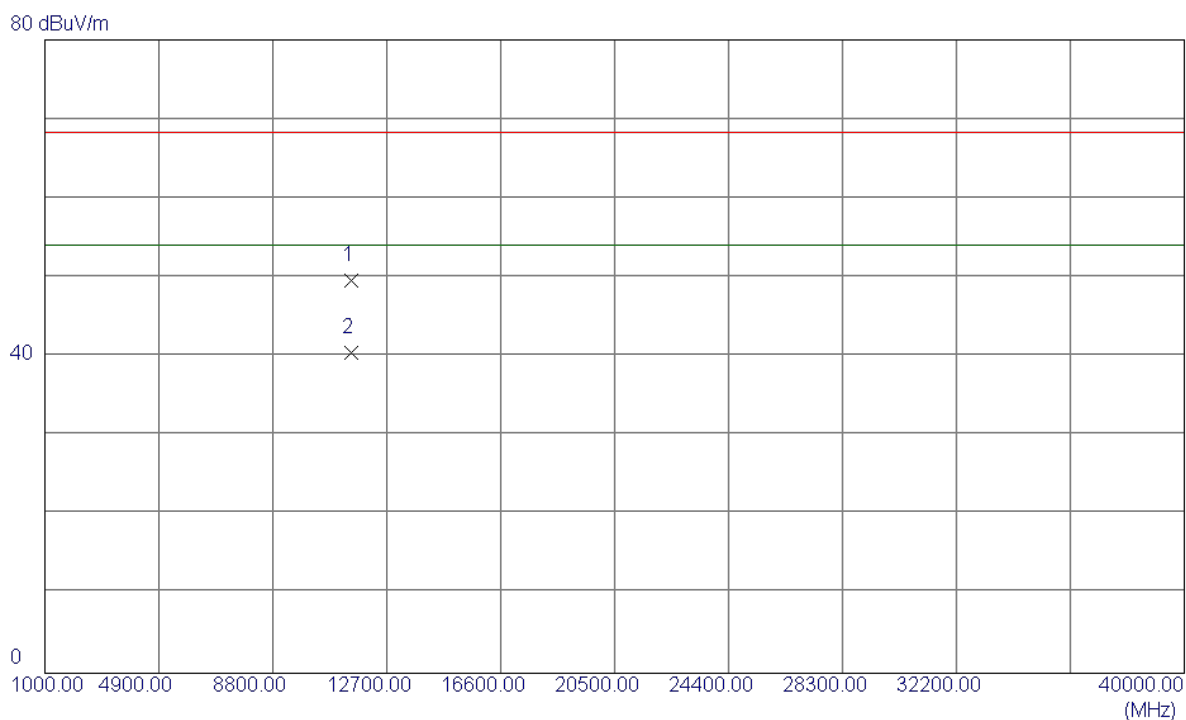
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5715.0000	19.55	43.04	62.59	68.30	-5.71	Peak	
2	5715.0000	13.04	43.04	56.08	68.30	-12.22	AVG	
3	5725.0000	20.87	43.06	63.93	78.30	-14.37	Peak	
4	5725.0000	13.12	43.06	56.18	68.30	-12.12	AVG	
5	5747.3000	50.52	43.11	93.63	68.30	25.33	AVG	No Limit
6	5747.8000	63.00	43.11	106.11	78.30	27.81	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5745MHz

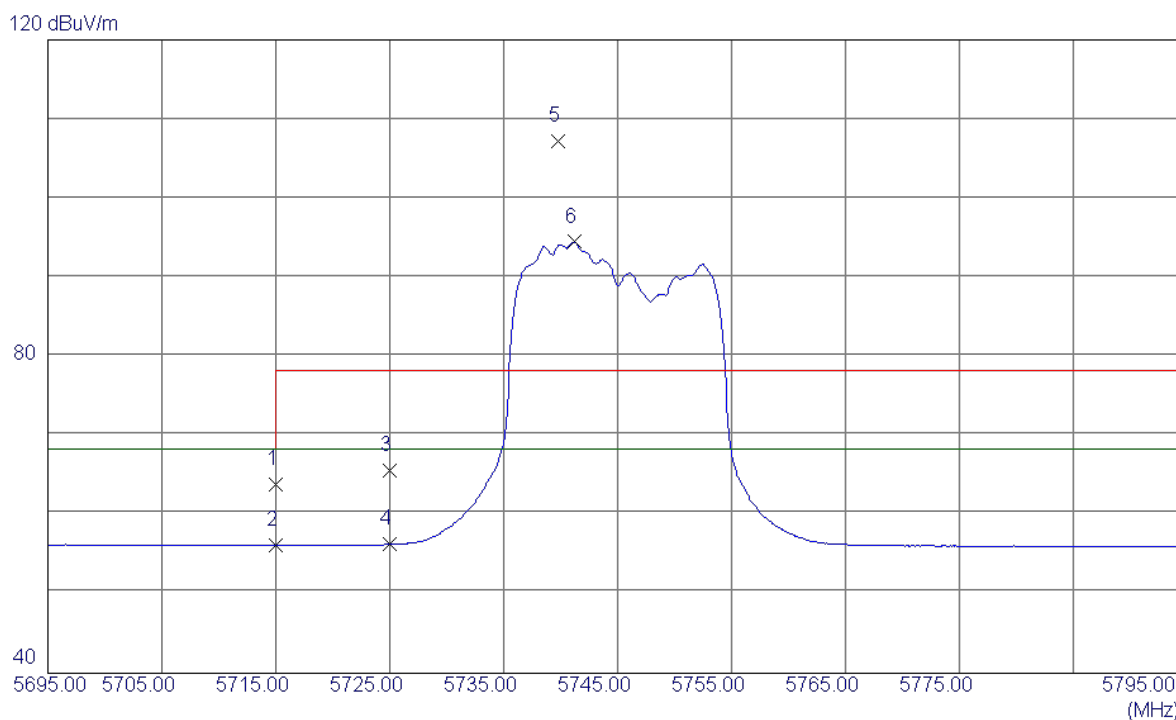
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11490.1000	36.74	12.91	49.65	68.30	-18.65	Peak	
2	11490.1000	27.63	12.91	40.54	54.00	-13.46	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5745MHz

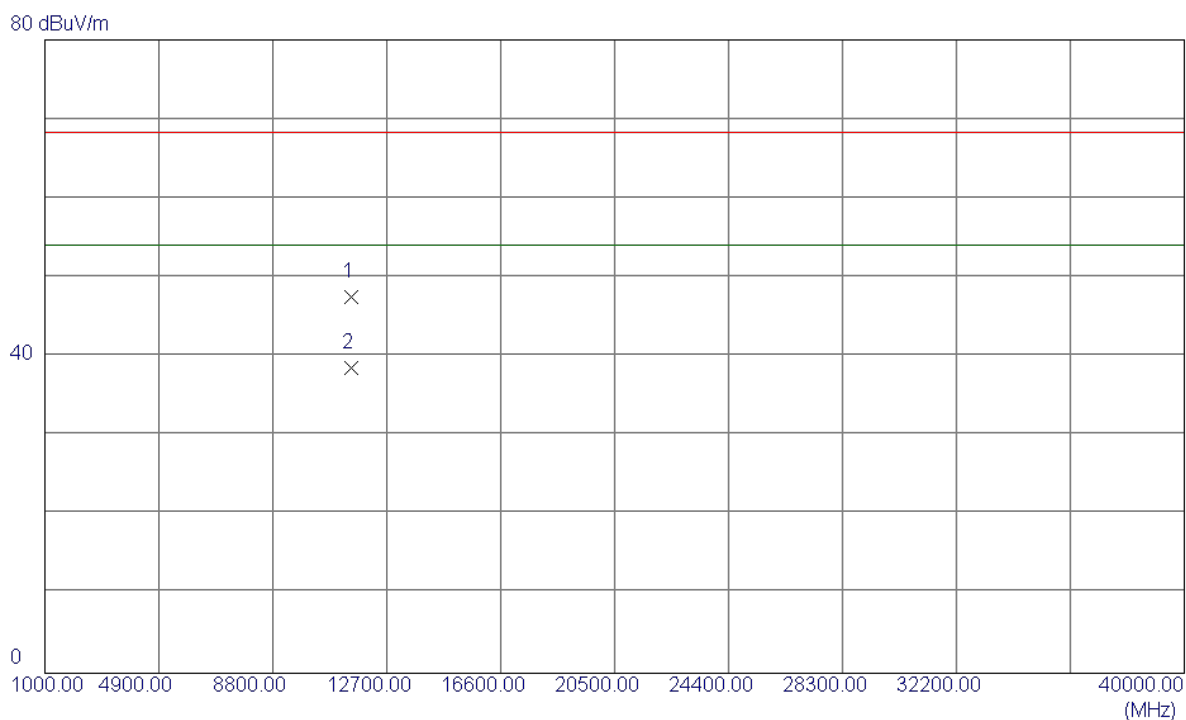
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5715.0000	20.83	43.04	63.87	68.30	-4.43	Peak	
2	5715.0000	13.10	43.04	56.14	68.30	-12.16	AVG	
3	5725.0000	22.57	43.06	65.63	78.30	-12.67	Peak	
4	5725.0000	13.20	43.06	56.26	68.30	-12.04	AVG	
5	5739.8000	64.11	43.09	107.20	78.30	28.90	Peak	No Limit
6	5741.2000	51.38	43.10	94.48	68.30	26.18	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5745MHz

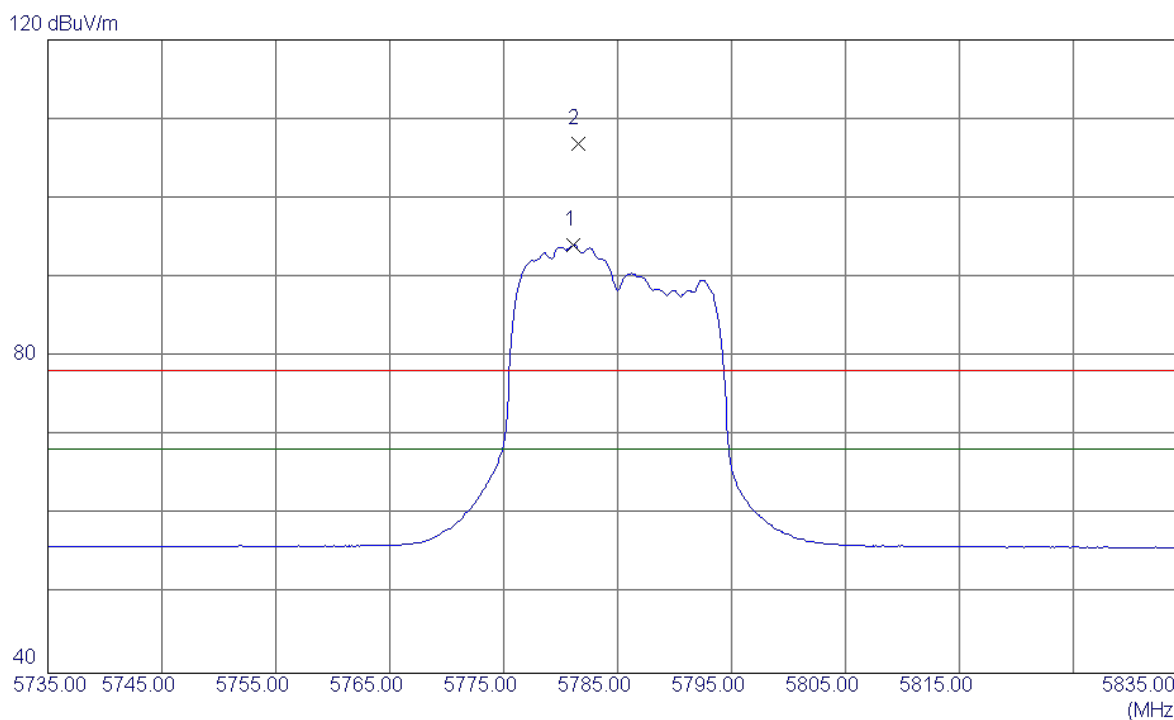
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11489.5599	34.58	12.91	47.49	68.30	-20.81	Peak	
2	11489.5599	25.67	12.91	38.58	54.00	-15.42	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5785MHz

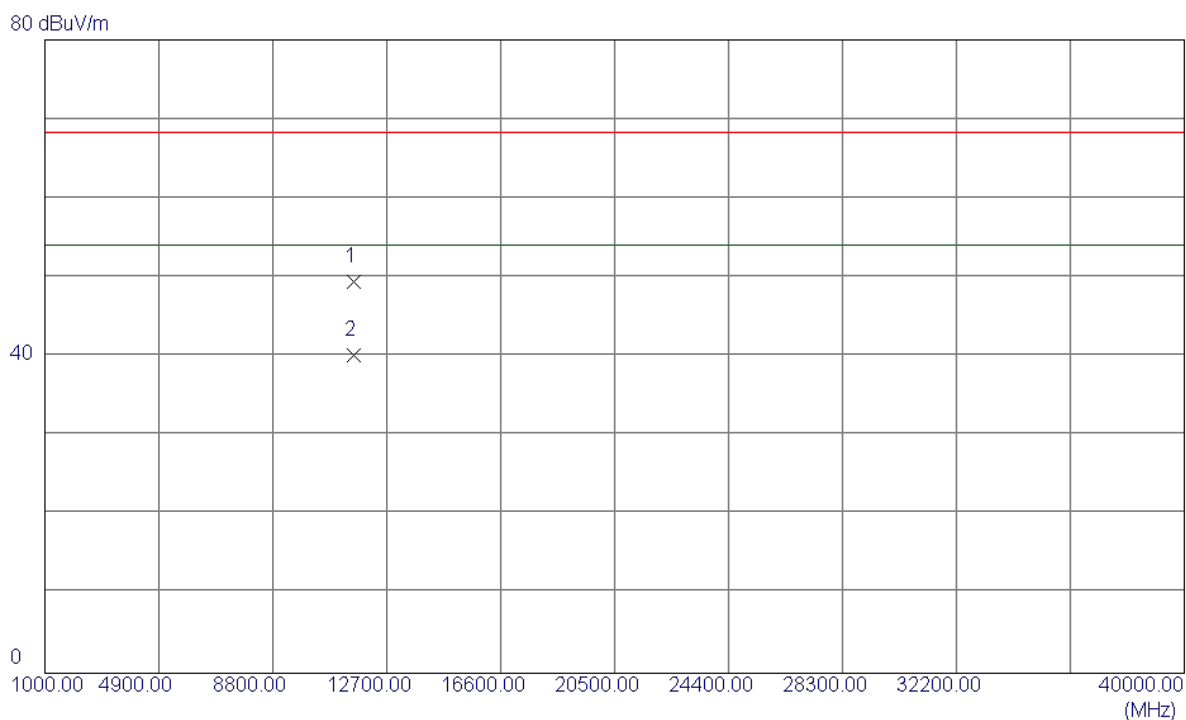
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5781.1000	50.97	43.18	94.15	68.30	25.85	AVG	No Limit
2	5781.5000	63.77	43.18	106.95	78.30	28.65	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5785MHz

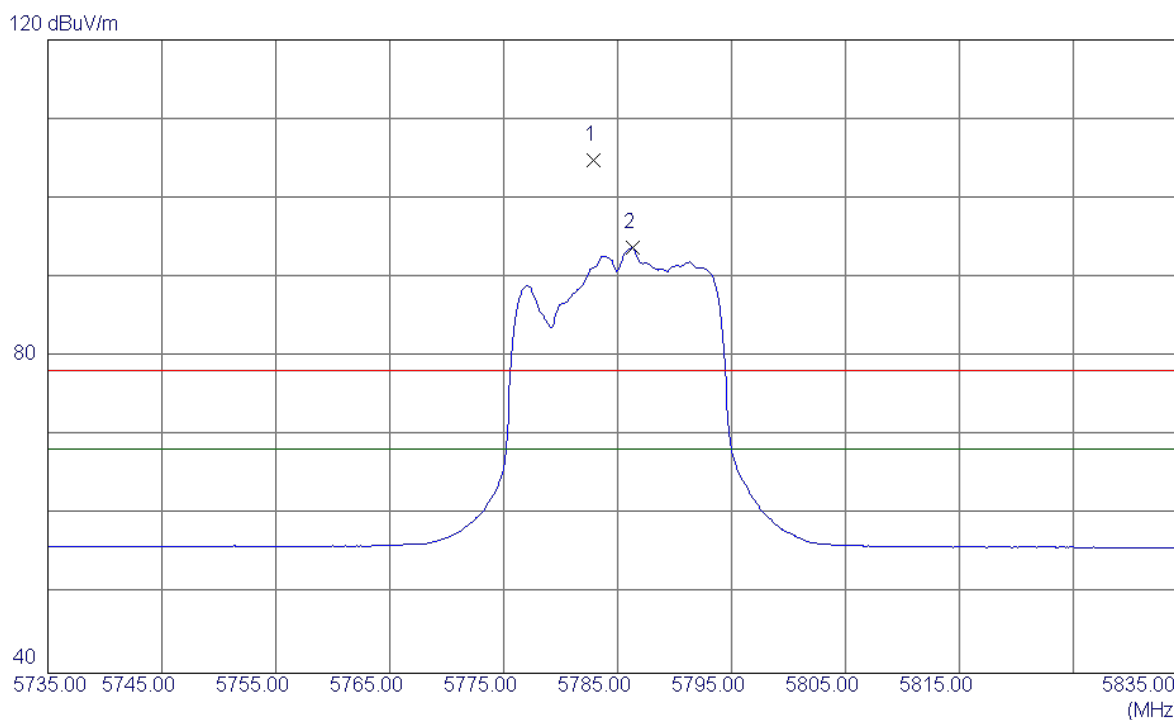
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11570.6000	36.52	12.89	49.41	68.30	-18.89	Peak	
2	11570.6000	27.34	12.89	40.23	54.00	-13.77	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5785MHz

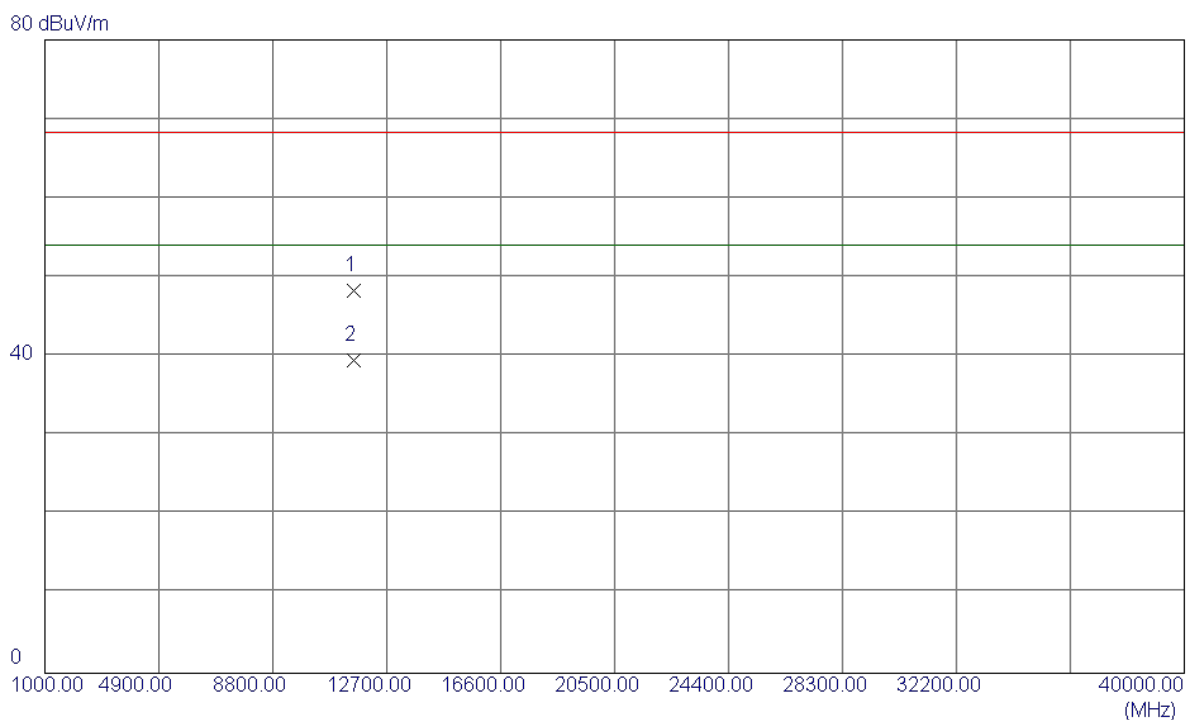
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5782.9000	61.64	43.19	104.83	78.30	26.53	Peak	No Limit
2	5786.3000	50.50	43.20	93.70	68.30	25.40	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5785MHz

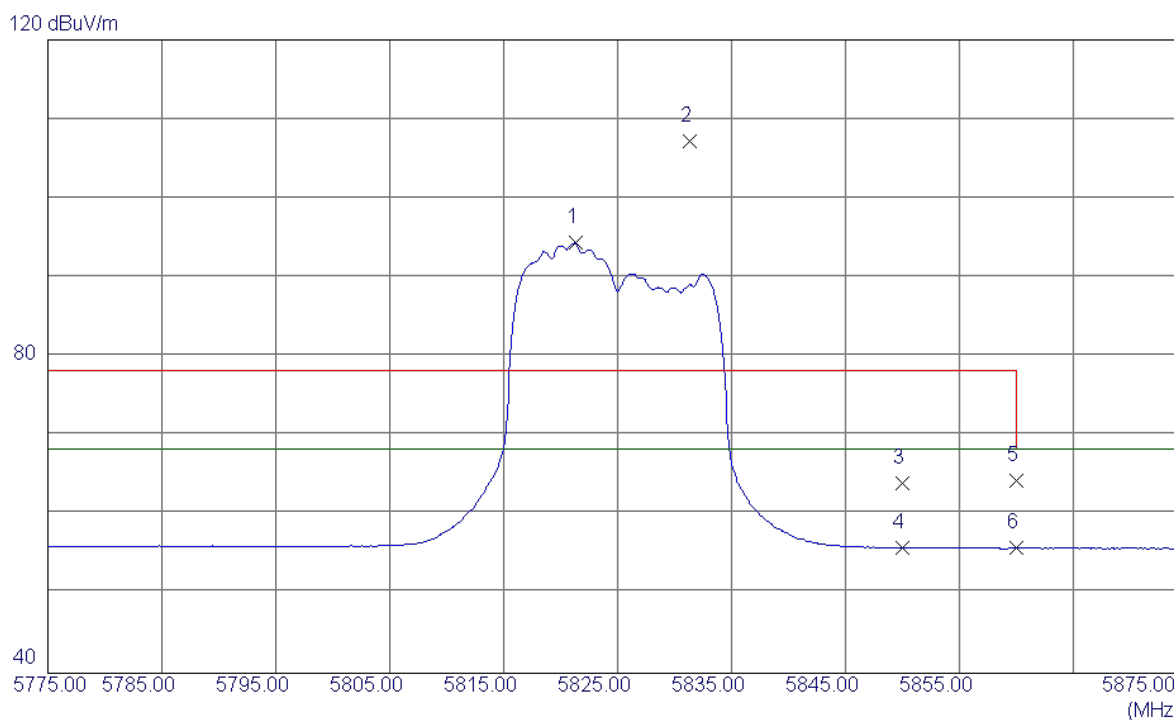
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11570.0000	35.45	12.89	48.34	68.30	-19.96	Peak	
2	11570.0000	26.61	12.89	39.50	54.00	-14.50	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5825MHz

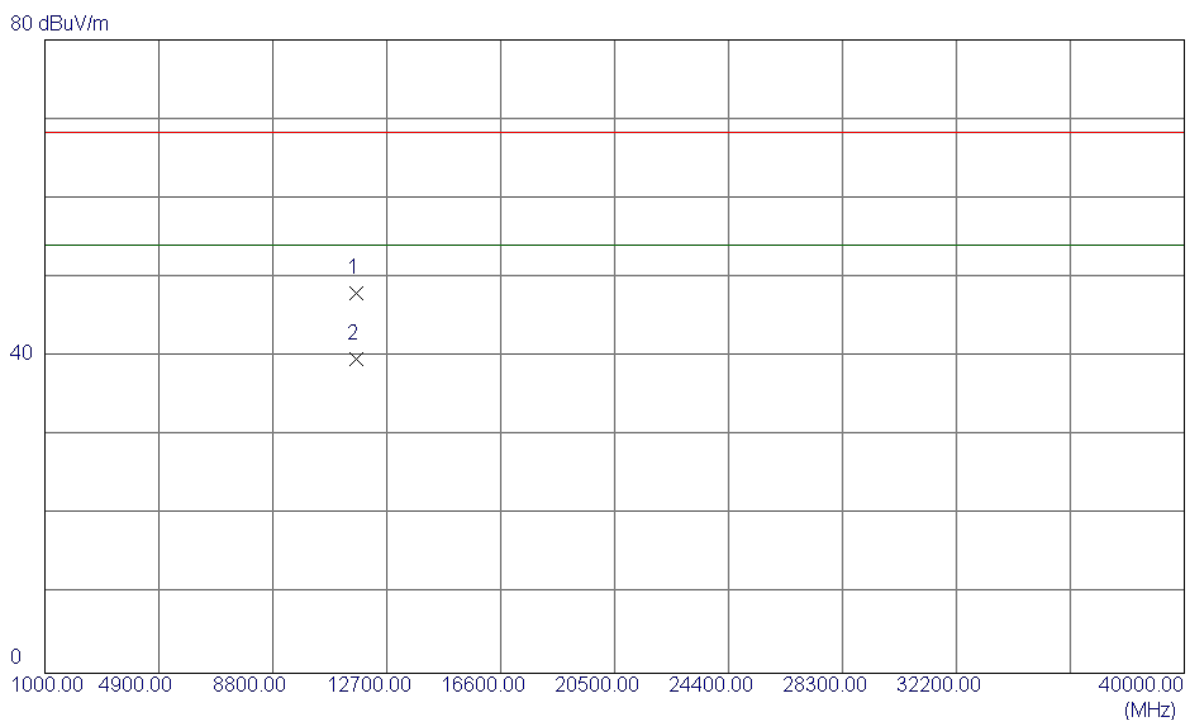
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5821.3000	51.06	43.27	94.33	68.30	26.03	AVG	No Limit
2	5831.3000	63.84	43.30	107.14	78.30	28.84	Peak	No Limit
3	5850.0000	20.60	43.34	63.94	78.30	-14.36	Peak	
4	5850.0000	12.53	43.34	55.87	68.30	-12.43	AVG	
5	5860.0000	20.89	43.36	64.25	78.30	-14.05	Peak	
6	5860.0000	12.43	43.36	55.79	68.30	-12.51	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5825MHz

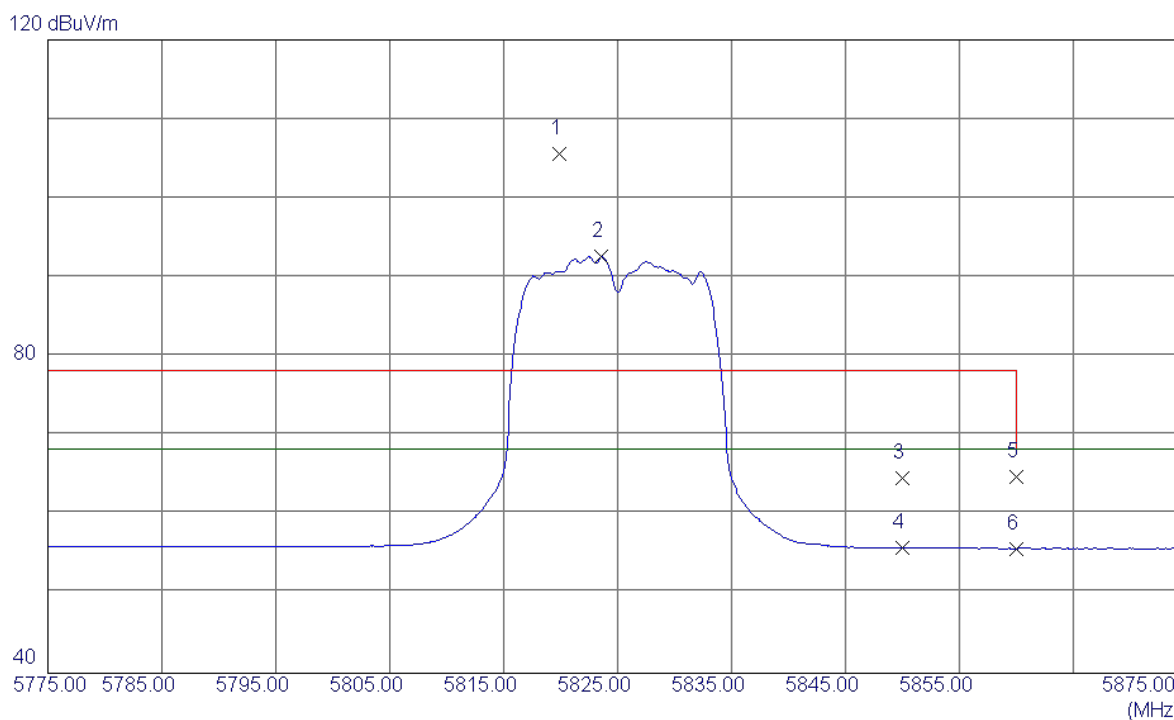
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11650.2400	35.17	12.84	48.01	68.30	-20.29	Peak	
2	11650.2400	26.86	12.84	39.70	54.00	-14.30	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5825MHz

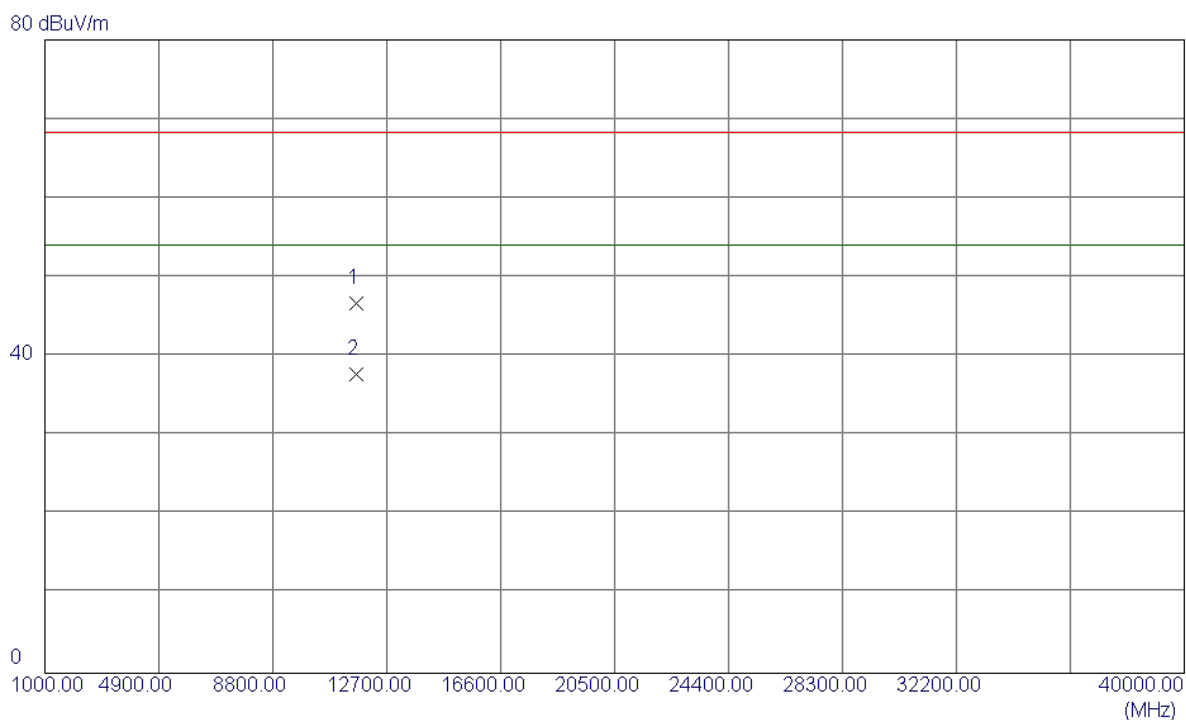
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5819.9000	62.35	43.27	105.62	78.30	27.32	Peak	No Limit
2	5823.6000	49.42	43.28	92.70	68.30	24.40	AVG	No Limit
3	5850.0000	21.32	43.34	64.66	78.30	-13.64	Peak	
4	5850.0000	12.48	43.34	55.82	68.30	-12.48	AVG	
5	5860.0000	21.46	43.36	64.82	78.30	-13.48	Peak	
6	5860.0000	12.36	43.36	55.72	68.30	-12.58	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5825MHz

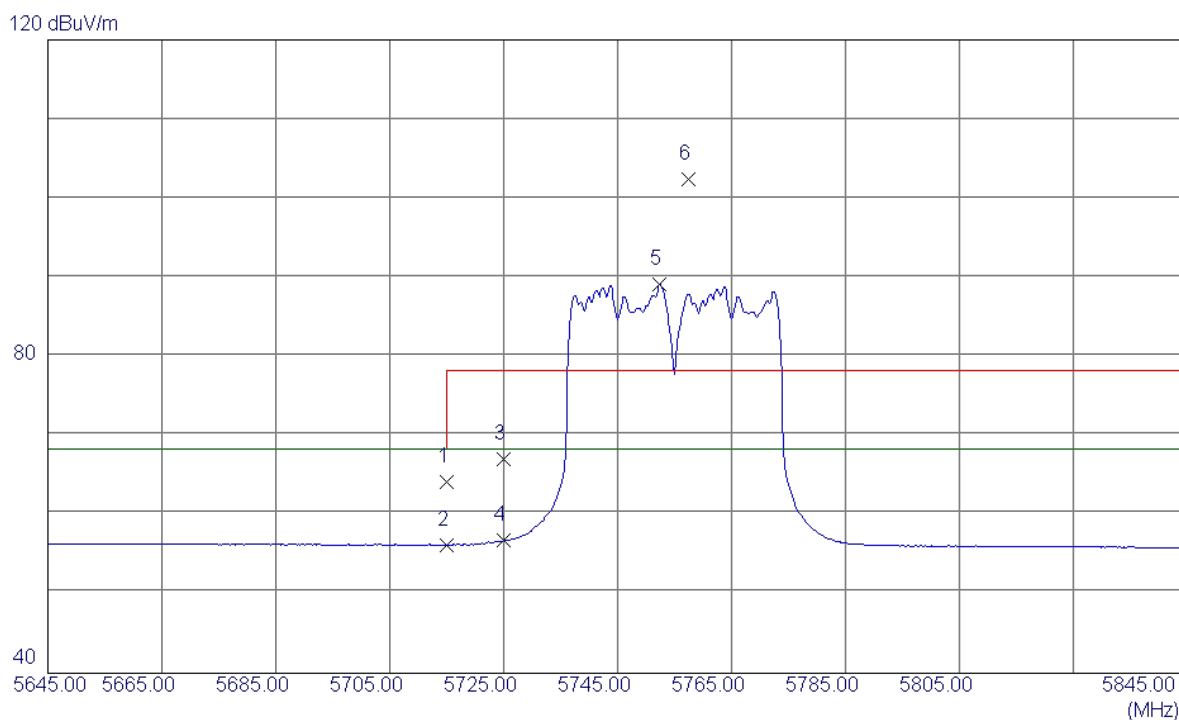
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11650.0000	33.93	12.84	46.77	68.30	-21.53	Peak	
2	11650.0000	24.87	12.84	37.71	54.00	-16.29	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC40 Mode 5755MHz

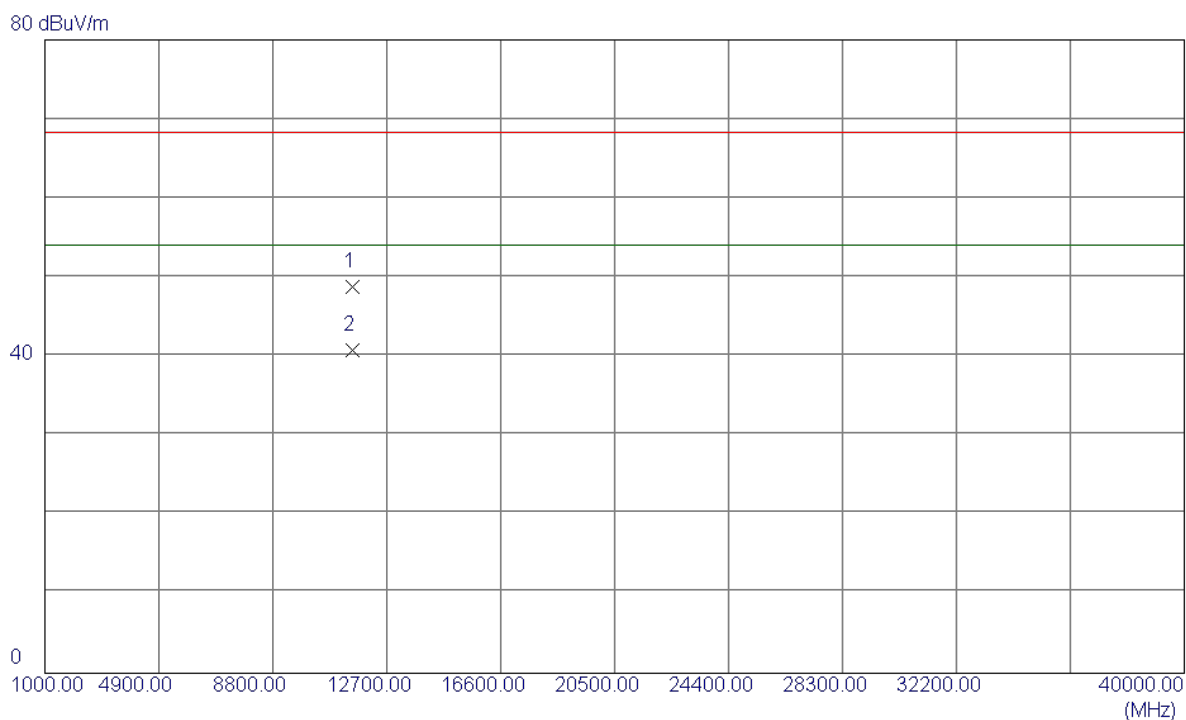
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5715.0000	21.09	43.04	64.13	68.30	-4.17	Peak	
2	5715.0000	13.16	43.04	56.20	68.30	-12.10	AVG	
3	5725.0000	24.05	43.06	67.11	78.30	-11.19	Peak	
4	5725.0000	13.68	43.06	56.74	68.30	-11.56	AVG	
5	5752.4000	46.06	43.12	89.18	68.30	20.88	AVG	No Limit
6	5757.4000	59.21	43.13	102.34	78.30	24.04	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC40 Mode 5755MHz

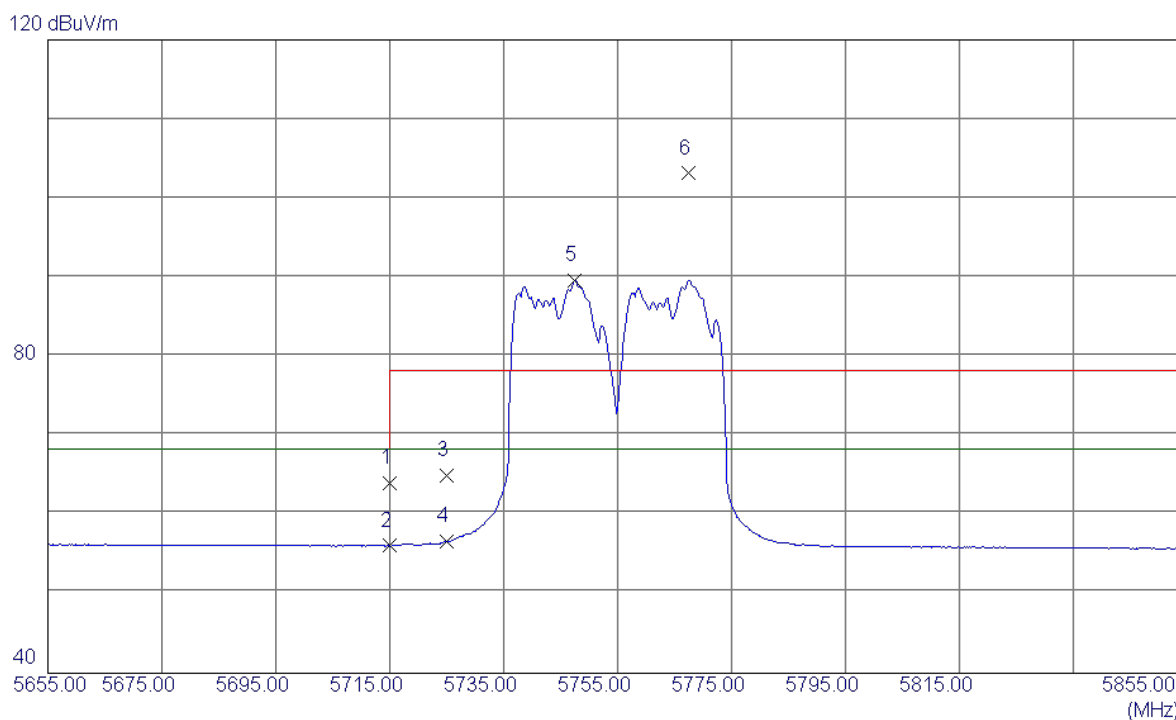
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11510.3400	35.88	12.93	48.81	68.30	-19.49	Peak	
2	11510.3400	27.84	12.93	40.77	54.00	-13.23	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC40 Mode 5755MHz

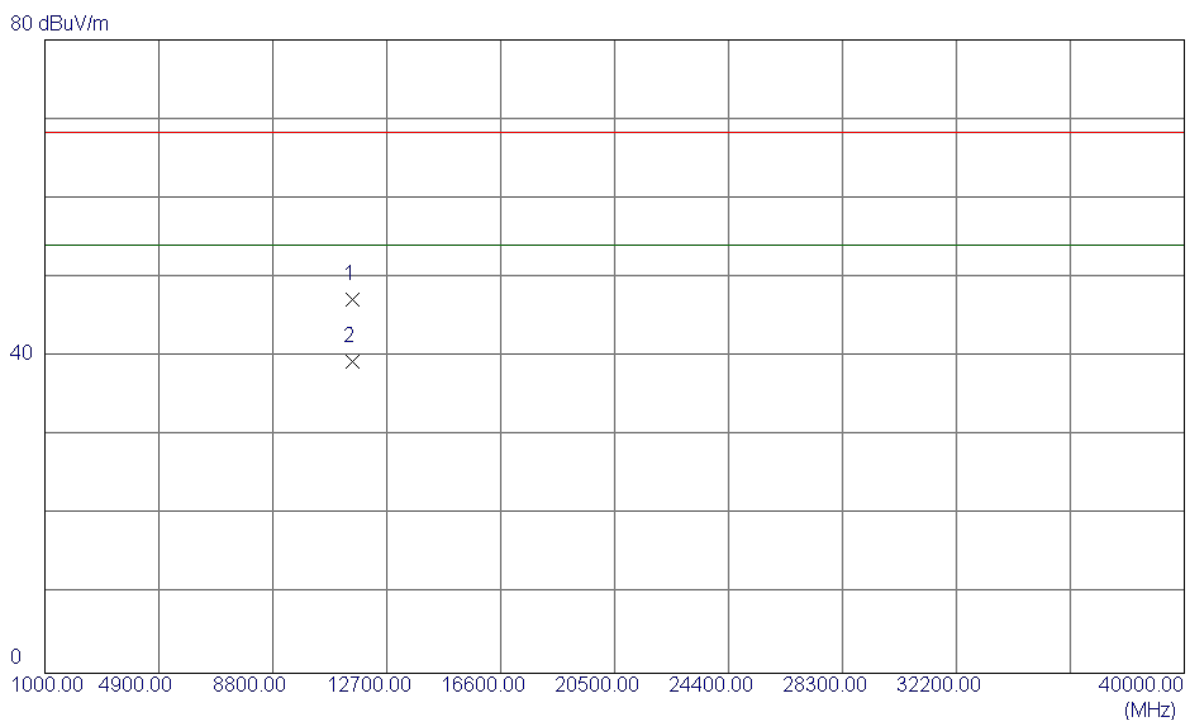
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5715.0000	21.03	43.04	64.07	68.30	-4.23	Peak	
2	5715.0000	13.04	43.04	56.08	68.30	-12.22	AVG	
3	5725.0000	21.92	43.06	64.98	78.30	-13.32	Peak	
4	5725.0000	13.54	43.06	56.60	68.30	-11.70	AVG	
5	5747.4000	46.49	43.11	89.60	68.30	21.30	AVG	No Limit
6	5767.4000	59.97	43.15	103.12	78.30	24.82	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC40 Mode 5755MHz

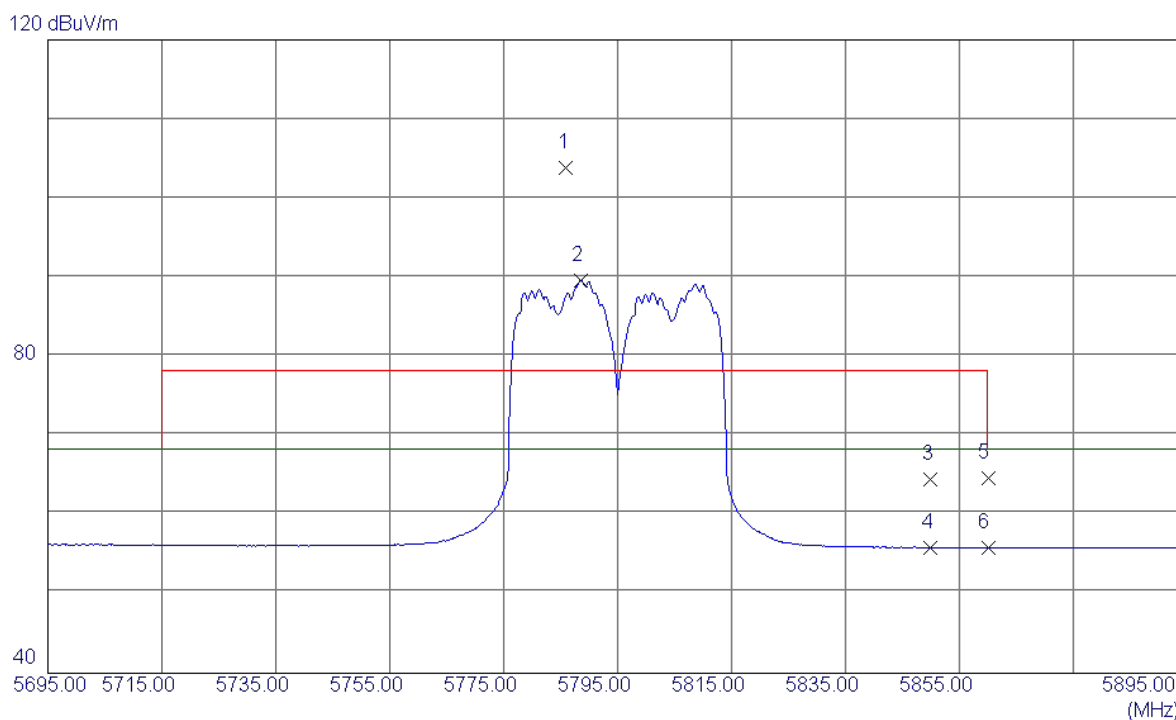
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11509.2300	34.21	12.93	47.14	68.30	-21.16	Peak	
2	11509.2300	26.39	12.93	39.32	54.00	-14.68	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC40 Mode 5795MHz

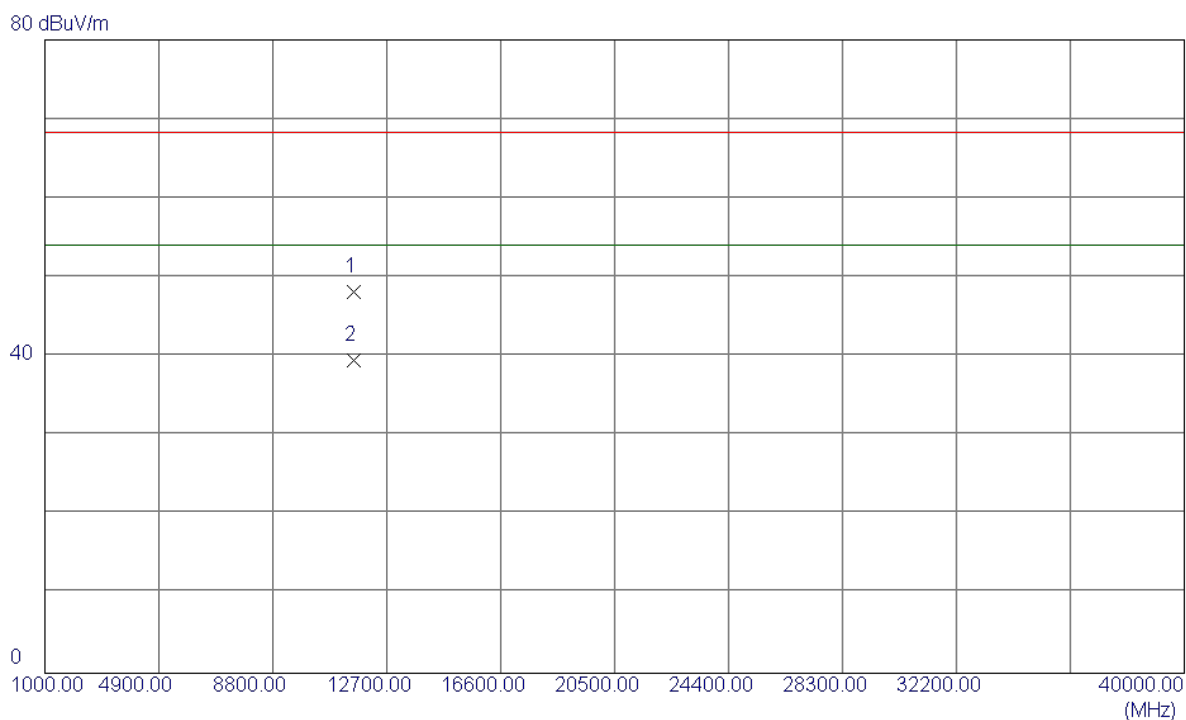
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5786.0000	60.64	43.19	103.83	78.30	25.53	Peak	No Limit
2	5788.6000	46.42	43.20	89.62	68.30	21.32	AVG	No Limit
3	5850.0000	21.17	43.34	64.51	78.30	-13.79	Peak	
4	5850.0000	12.53	43.34	55.87	68.30	-12.43	AVG	
5	5860.0000	21.32	43.36	64.68	78.30	-13.62	Peak	
6	5860.0000	12.48	43.36	55.84	68.30	-12.46	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC40 Mode 5795MHz

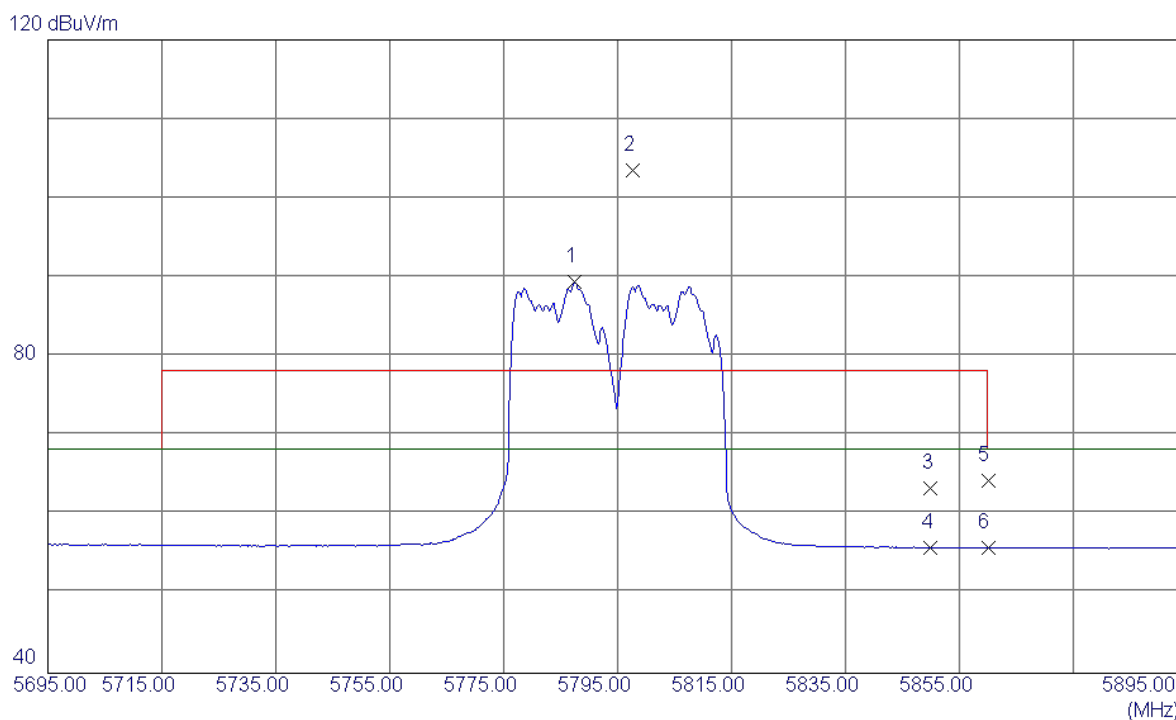
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11590.2500	35.31	12.88	48.19	68.30	-20.11	Peak	
2	11590.2500	26.67	12.88	39.55	54.00	-14.45	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC40 Mode 5795MHz

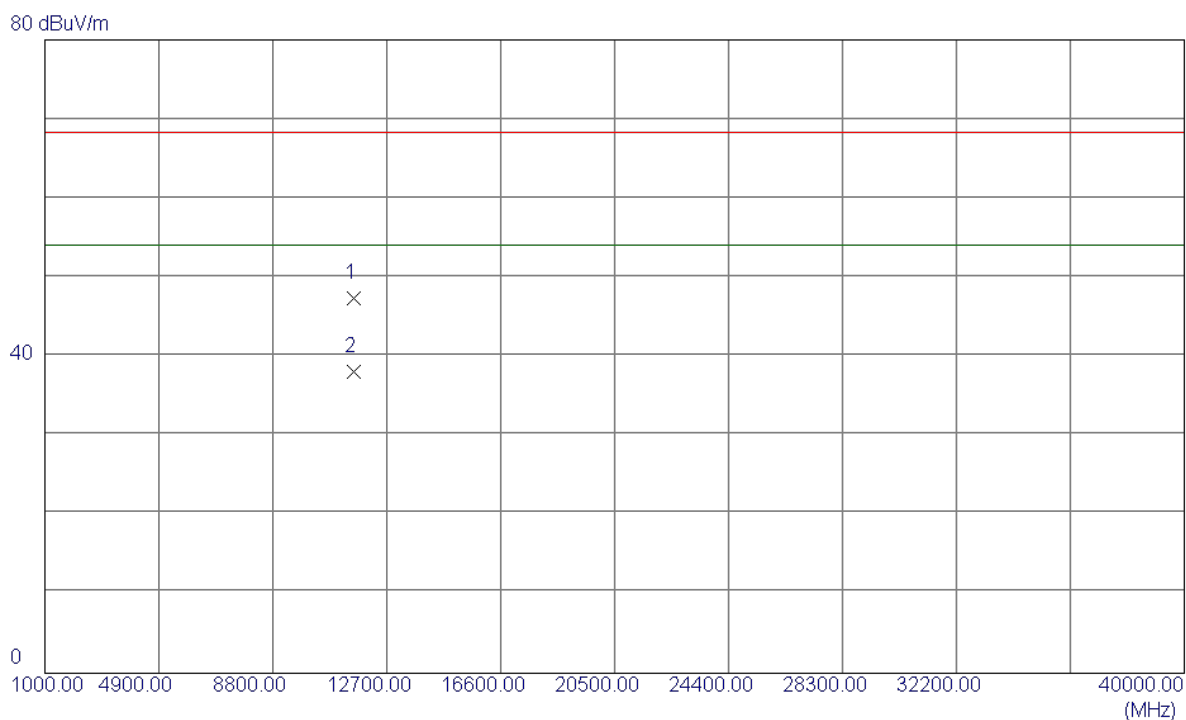
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5787.4000	46.17	43.20	89.37	68.30	21.07	AVG	No Limit
2	5797.6000	60.31	43.22	103.53	78.30	25.23	Peak	No Limit
3	5850.0000	20.03	43.34	63.37	78.30	-14.93	Peak	
4	5850.0000	12.51	43.34	55.85	68.30	-12.45	AVG	
5	5860.0000	20.96	43.36	64.32	78.30	-13.98	Peak	
6	5860.0000	12.44	43.36	55.80	68.30	-12.50	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC40 Mode 5795MHz

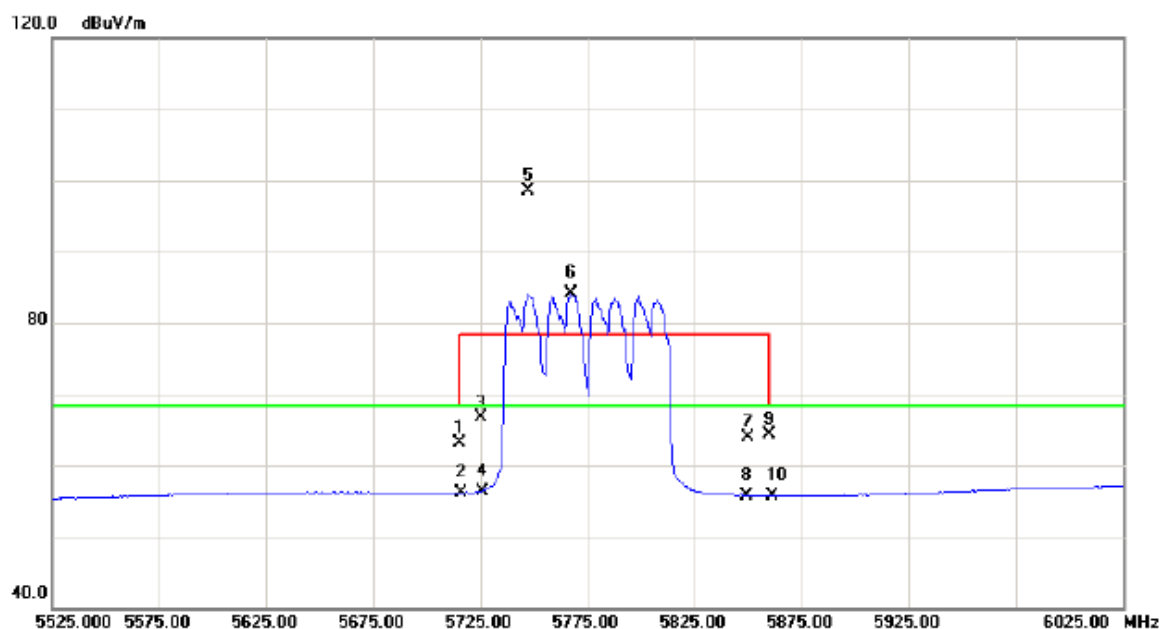
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11590.6400	34.47	12.88	47.35	68.30	-20.95	Peak	
2	11590.6400	25.22	12.88	38.10	54.00	-15.90	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC80 Mode 5775MHz

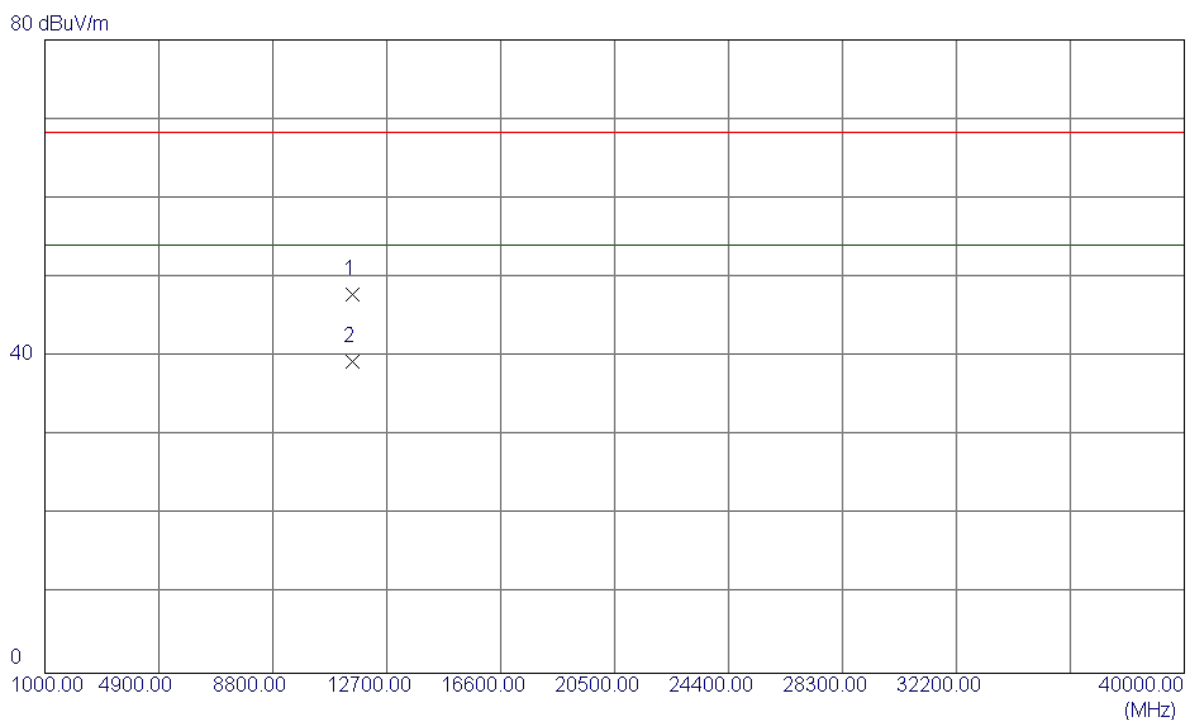
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5715.000	20.13	43.03	63.16	68.30	-5.14	peak	
2		5715.000	13.04	43.03	56.07	68.30	-12.23	AVG	
3		5725.000	23.73	43.06	66.79	78.30	-11.51	peak	
4		5725.000	13.24	43.06	56.30	68.30	-12.00	AVG	
5	*	5747.000	55.48	43.11	98.59	78.30	20.29	peak	No Limit
6	X	5767.500	40.96	43.16	84.12	68.30	15.82	AVG	No Limit
7		5850.000	20.48	43.34	63.82	78.30	-14.48	peak	
8		5850.000	12.41	43.34	55.75	68.30	-12.55	AVG	
9		5860.000	20.88	43.36	64.24	68.30	-4.06	peak	
10		5860.000	12.37	43.36	55.73	68.30	-12.57	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC80 Mode 5775MHz

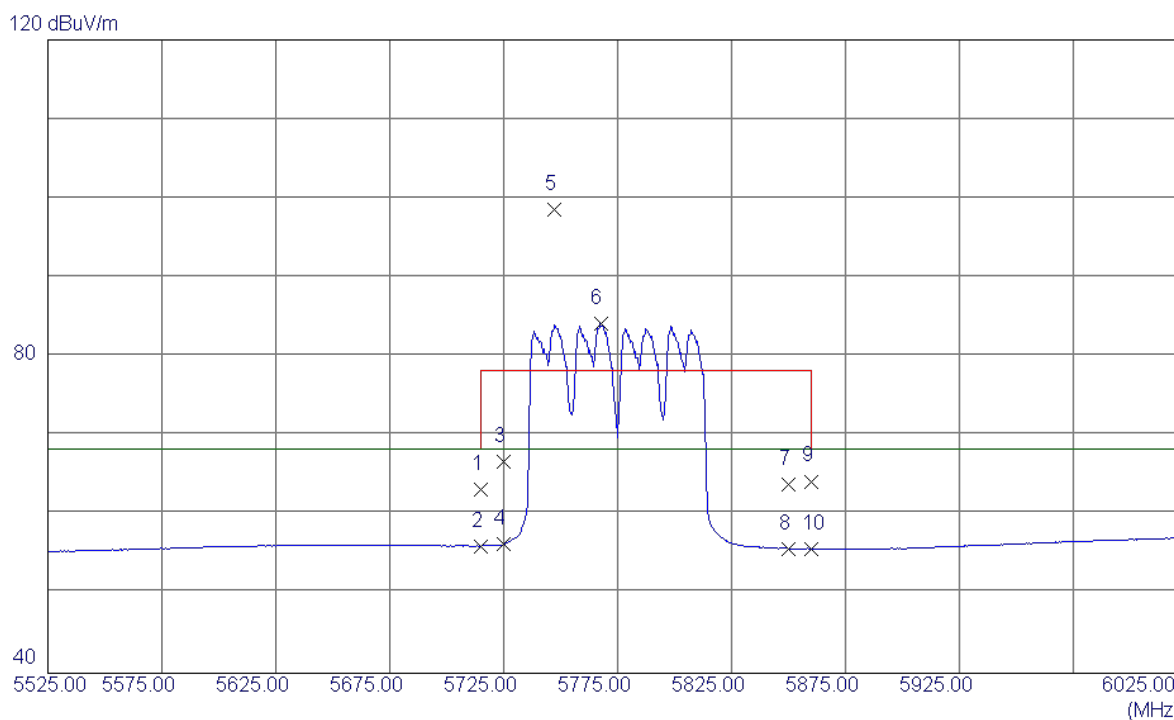
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11550.2100	34.86	12.91	47.77	68.30	-20.53	Peak	
2	11550.2100	26.38	12.91	39.29	54.00	-14.71	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC80 Mode 5775MHz

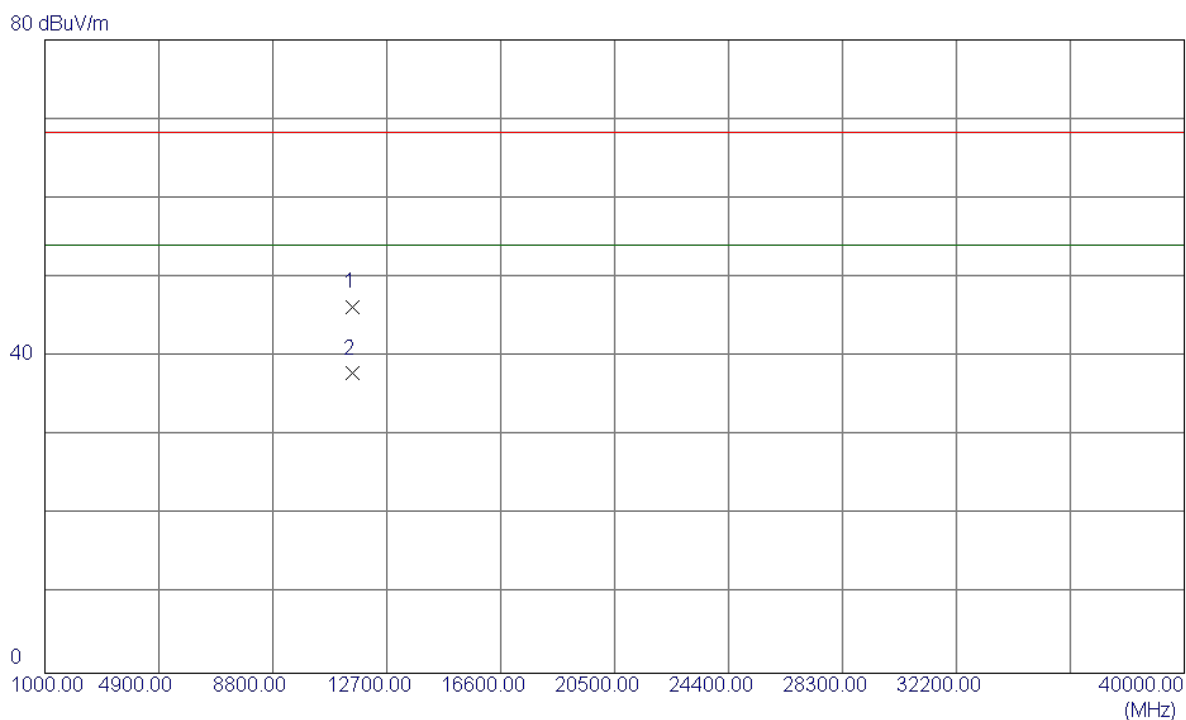
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5715.0000	20.12	43.04	63.16	68.30	-5.14	Peak	
2	5715.0000	13.03	43.04	56.07	68.30	-12.23	AVG	
3	5725.0000	23.73	43.06	66.79	78.30	-11.51	Peak	
4	5725.0000	13.24	43.06	56.30	68.30	-12.00	AVG	
5	5747.0000	55.48	43.11	98.59	78.30	20.29	Peak	No Limit
6	5767.5000	40.97	43.15	84.12	68.30	15.82	AVG	No Limit
7	5850.0000	20.48	43.34	63.82	78.30	-14.48	Peak	
8	5850.0000	12.41	43.34	55.75	68.30	-12.55	AVG	
9	5860.0000	20.88	43.36	64.24	78.30	-14.06	Peak	
10	5860.0000	12.37	43.36	55.73	68.30	-12.57	AVG	

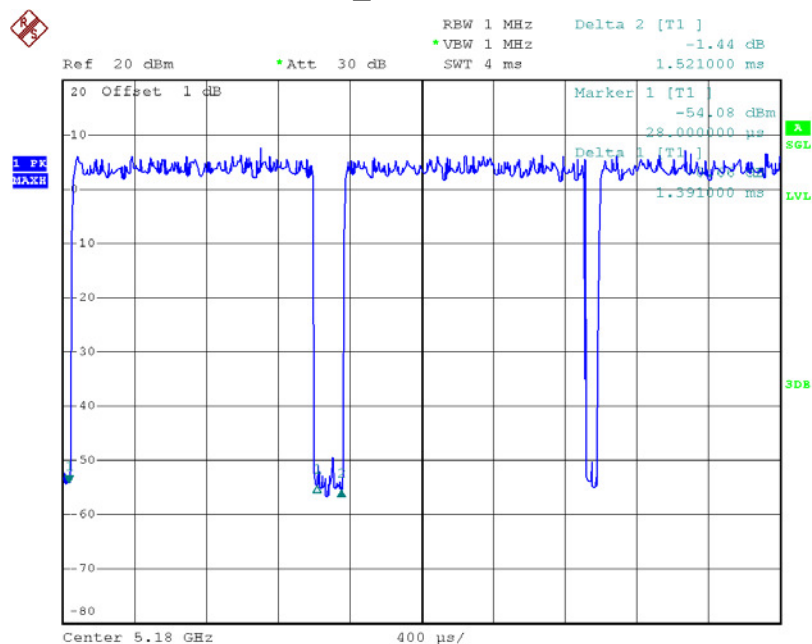
Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC80 Mode 5775MHz

Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11549.7600	33.37	12.91	46.28	68.30	-22.02	Peak	
2	11549.7600	24.93	12.91	37.84	54.00	-16.16	AVG	

TX A Mode_DUTY CYCLE



Date: 23.JUL.2015 11:56:26

Duty cycle: TX DUTYMHz

$$\text{Duty cycle} = T_{\text{ON}} / T_{\text{Total}}$$

T_{ON} : 1.39 msec

T_{Total} : 1.52 msec

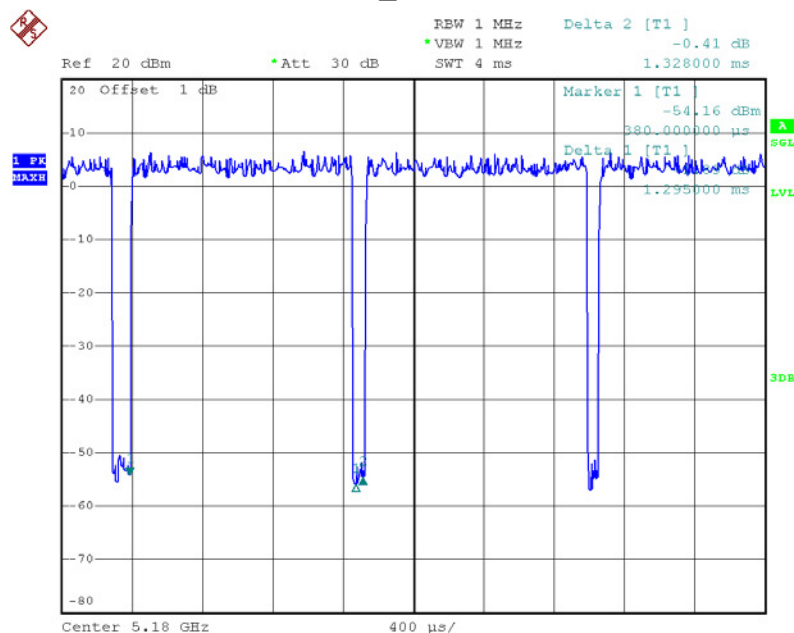
Duty cycle: 91.45%

$$\text{Duty Factor} = 10 \log(1/\text{Duty cycle})$$

$$\text{Duty Factor} = 0.39$$

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

TX N20 Mode_DUTY CYCLE



Date: 23.JUL.2015 12:22:16

Duty cycle: TX DUTYMHz

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

T_{ON} : 1.30 msec

T_{Total} : 1.33 msec

Duty cycle: 97.74%

Duty Factor = $10 \log(1/\text{Duty cycle})$

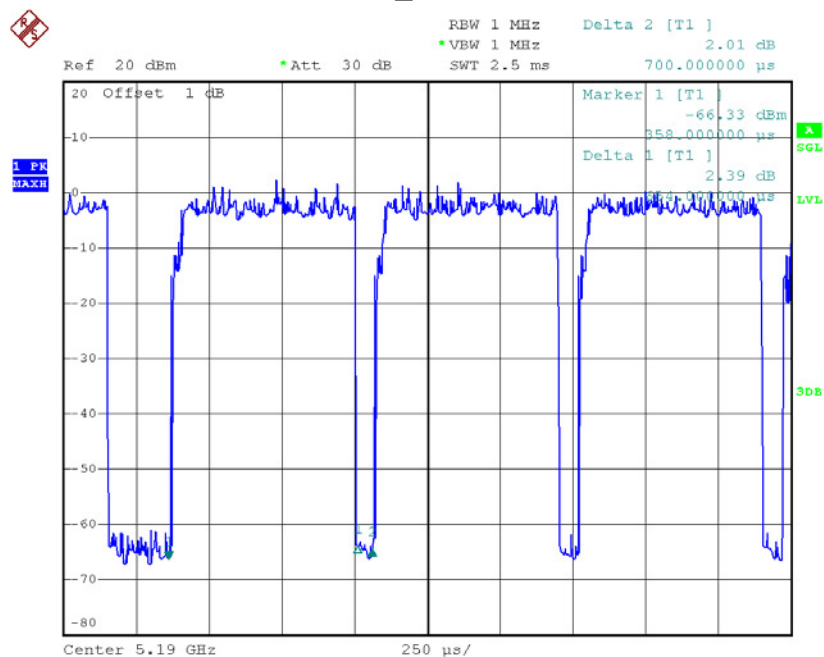
Duty Factor = 0.10

Note: The EUT was programmed to be in countinously transmitting mode and the transmit duty cycle is less than 98 %, so, the output power and power density should be caculated as

Output Power = Measured power + Ducus factor

Power Spectral Density = Measured density + Duty factor

TX N40 Mode_DUTY CYCLE



Date: 23.JUL.2015 14:32:49

Duty cycle: TX DUTYMHz

$$\text{Duty cycle} = T_{\text{ON}} / T_{\text{Total}}$$

T_{ON} : 0.65 msec

T_{Total} : 0.70 msec

Duty cycle: 92.86%

$$\text{Duty Factor} = 10 \log(1/\text{Duty cycle})$$

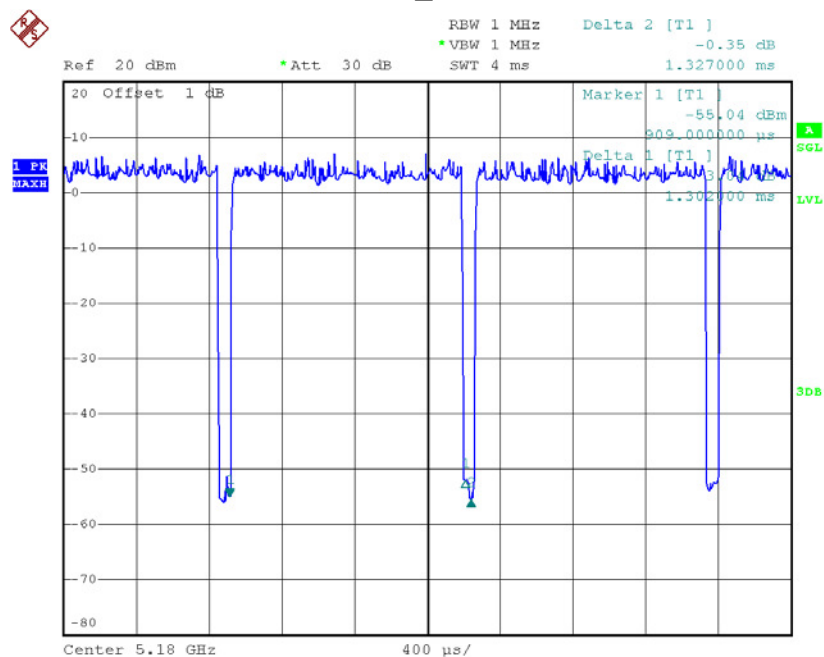
Duty Factor = 0.32

Note: The EUT was programmed to be in continuously transmitting mode and the transmit duty cycle is less than 98 %, so, the output power and power density should be calculated as

Output Power = Measured power + Dcny factor

$$\text{Power Spectral Density} = \text{Measured density} \times \text{Duty factor}$$

TX AC20 Mode_DUTY CYCLE



Date: 23.JUL.2015 14:12:33

Duty cycle: TX DUTYMHz

$$\text{Duty cycle} = T_{\text{ON}} / T_{\text{Total}}$$

T_{ON} : 1.30 msec

T_{Total} : 1.33 msec

Duty cycle: 97.74%

$$\text{Duty Factor} = 10 \log(1/\text{Duty cycle})$$

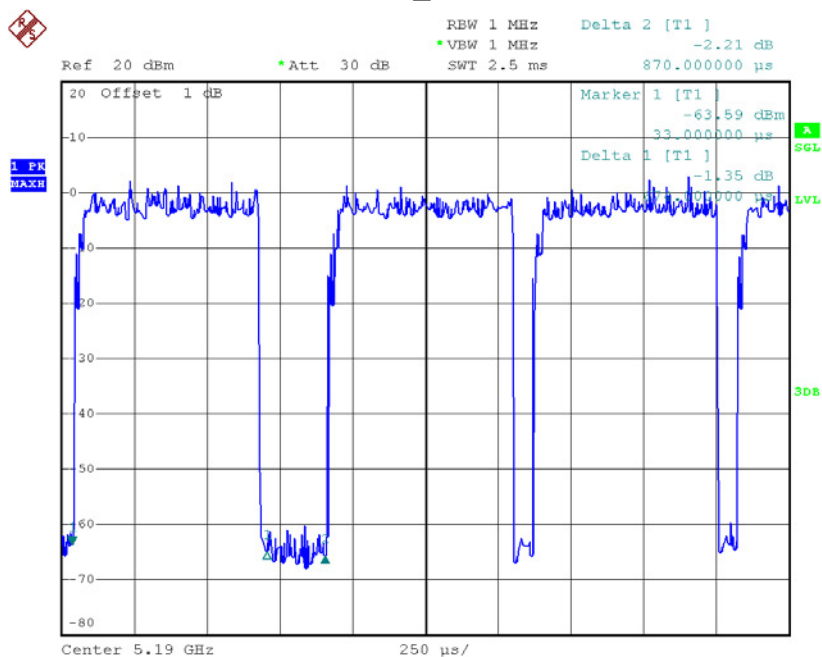
Duty Factor = 0.10

Note: The EUT was programmed to be in countinously transmitting mode and the transmit duty cycle is less than 98 %, so, the output power and power density should be caculated as

Output Power = Measured power + Ducus factor

Power Spectral Density = Measured density + Duty factor

TX AC40 Mode_DUTY CYCLE



Date: 23.JUL.2015 14:47:55

Duty cycle: TX DUTYMHz

$$\text{Duty cycle} = T_{\text{ON}} / T_{\text{Total}}$$

T_{ON} : 0.67 msec

T_{Total} : 0.87 msec

Duty cycle: 77.01%

$$\text{Duty Factor} = 10 \log(1/\text{Duty cycle})$$

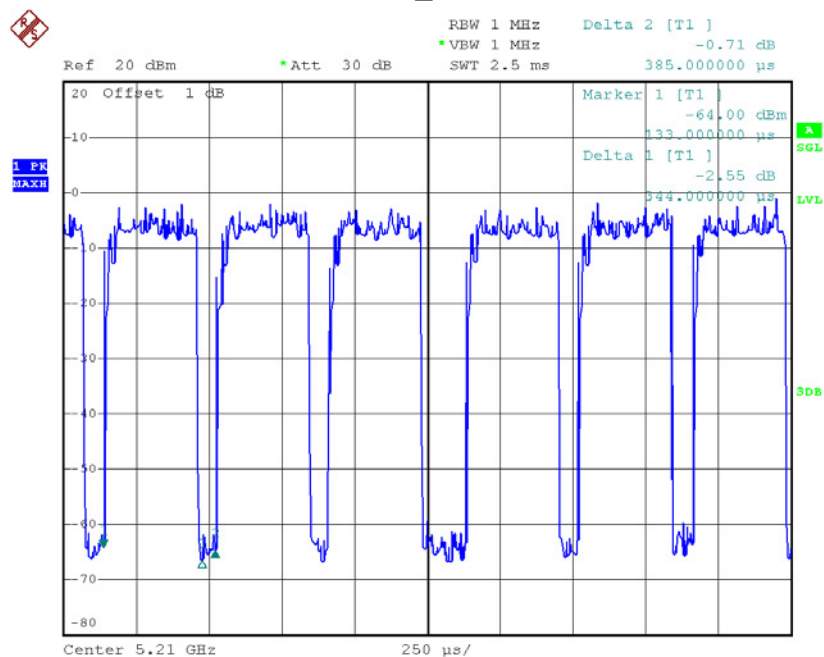
Duty Factor = 1.13

Note: The EUT was programmed to be in countinously transmitting mode and the transmit duty cycle is less than 98 %, so, the output power and power density should be cacluated as

Output Power = Measured power + Ducus factor

Power Spectral Density = Measured density + Duty factor

TX AC80 Mode_DUTY CYCLE



Date: 23.JUL.2015 15:09:34

Duty cycle: TX DUTYMHz

$$\text{Duty cycle} = T_{\text{ON}} / T_{\text{Total}}$$

T_{ON} : 0.34 msec

T_{Total} : 0.38 msec

Duty cycle: 89.47%

$$\text{Duty Factor} = 10 \log(1/\text{Duty cycle})$$

Duty Factor = 0.48

Note: The EUT was programmed to be in countinously transmitting mode and the transmit duty cycle is less than 98 %, so, the output power and power density should be cacluuated as

Output Power = Measured power + Ducus factor

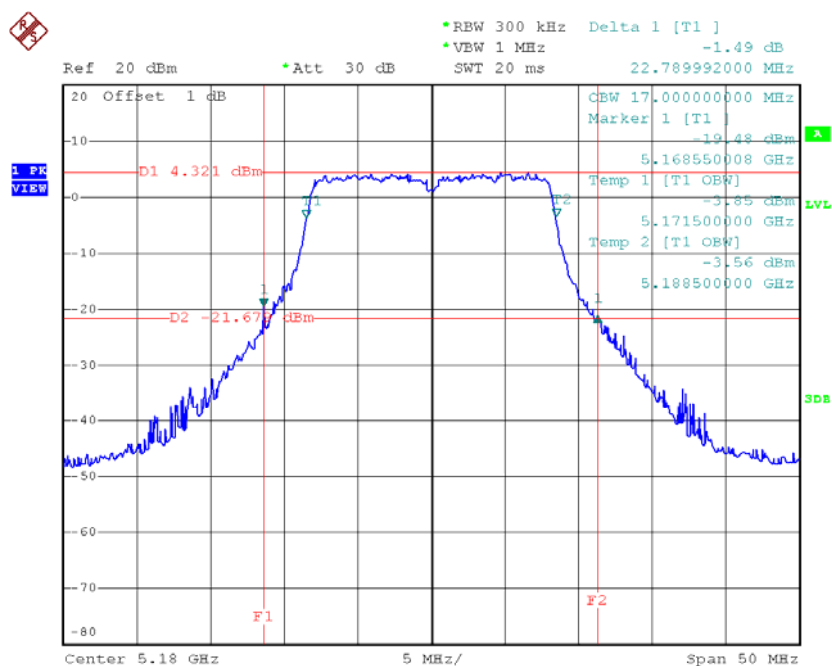
Power Spectral Density = Measured density + Duty factor

ATTACHMENT E - BANDWIDTH

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

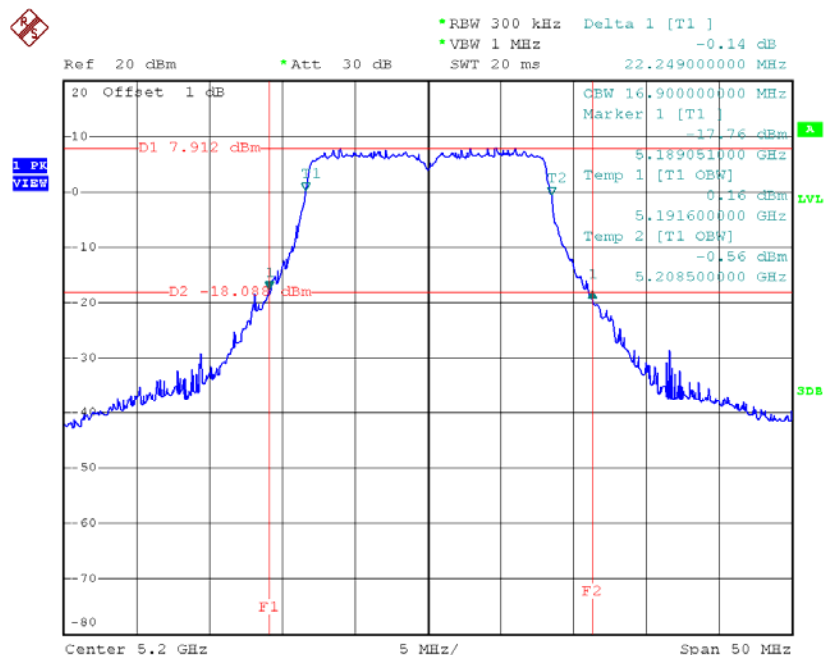
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	22.79	17.00
CH40	5200	22.25	16.90
CH48	5240	21.95	16.90

TX CH36



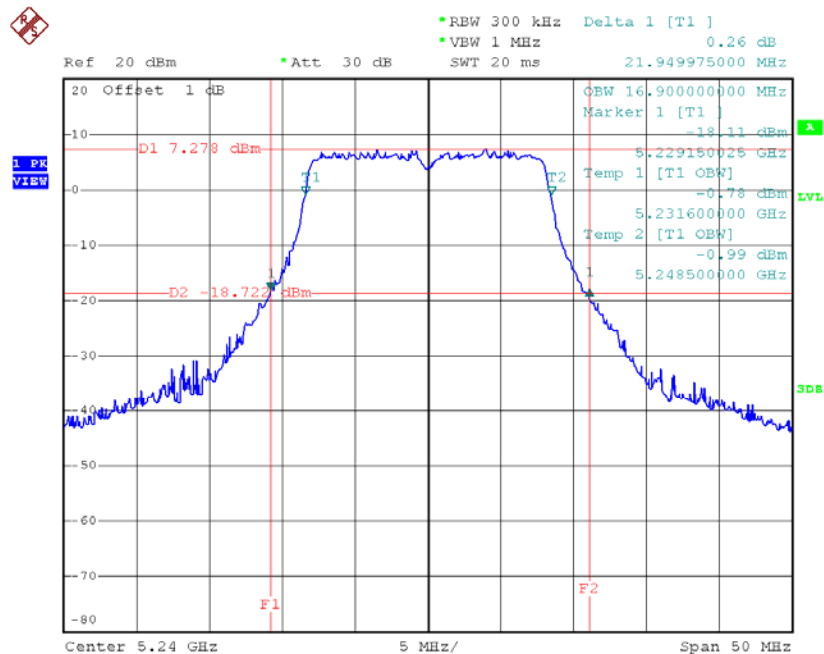
Date: 23.JUL.2015 11:55:52

TX CH40



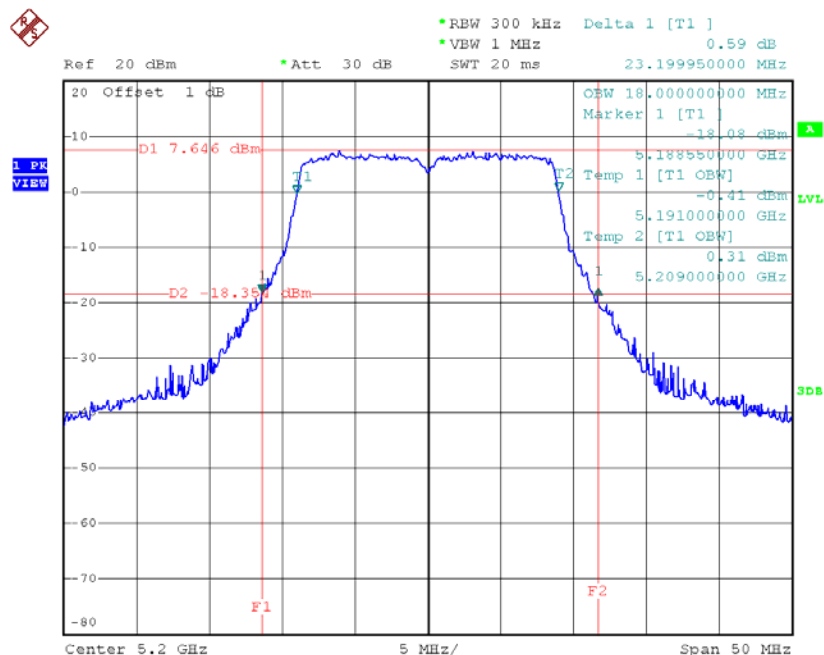
Date: 23.JUL.2015 11:57:46

TX CH48



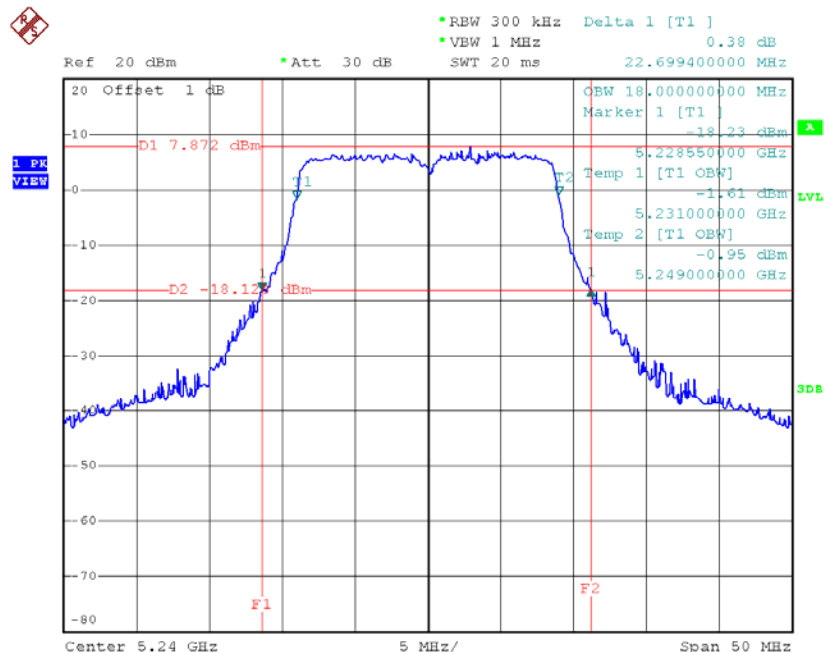
Date: 23.JUL.2015 12:01:08

TX CH40



Date: 23.JUL.2015 12:23:17

TX CH48

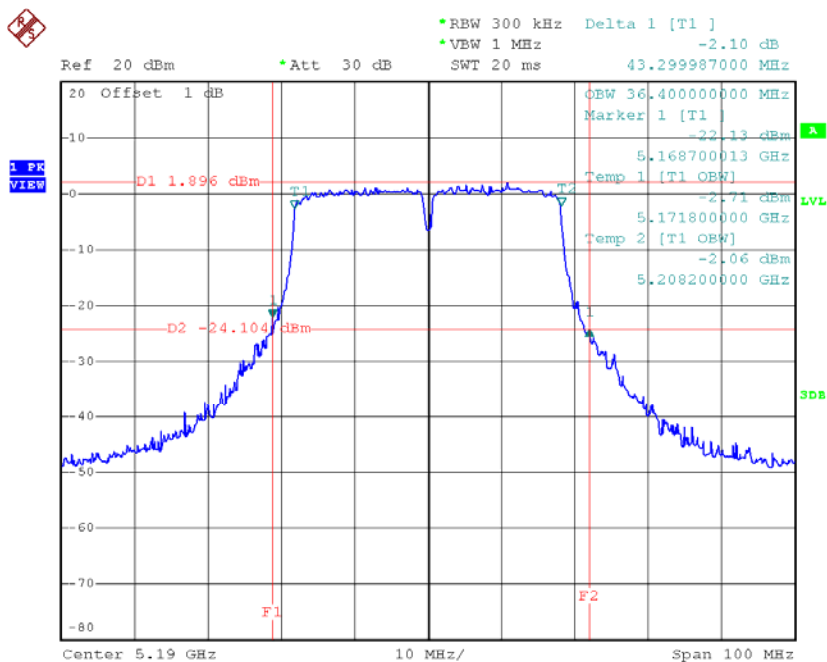


Date: 23.JUL.2015 12:24:30

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

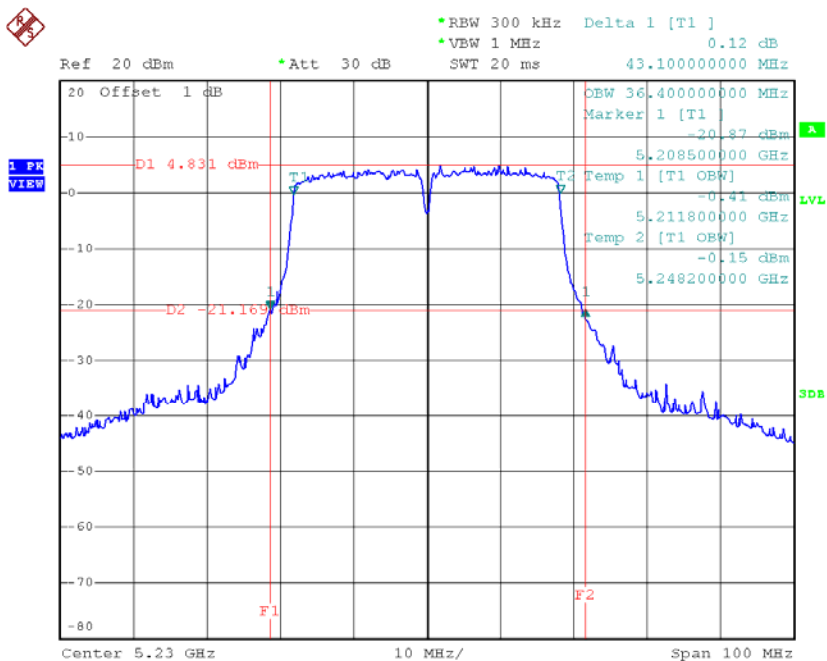
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH38	5190	43.30	36.40
CH46	5230	43.10	36.40

TX CH38



Date: 23.JUL.2015 14:32:21

TX CH46

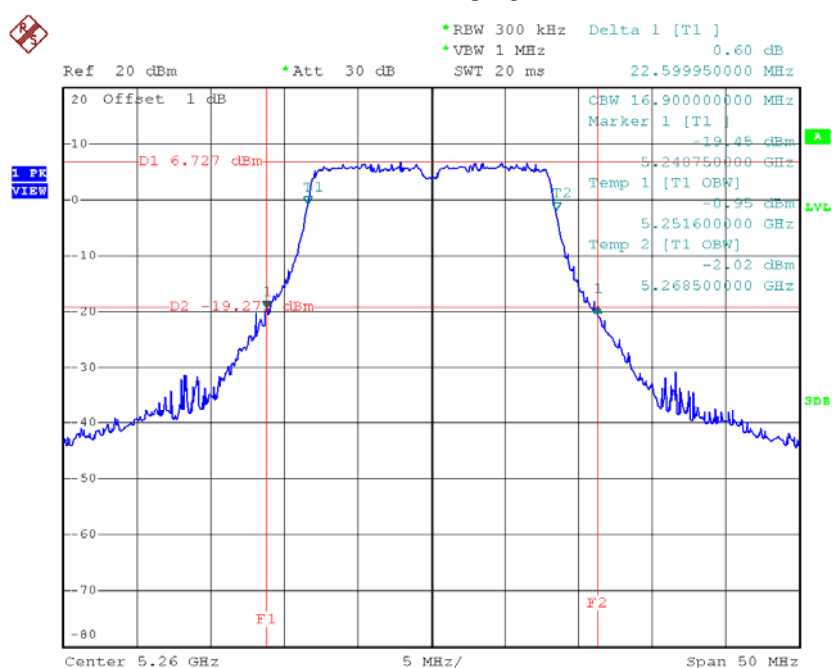


Date: 23.JUL.2015 14:34:01

Test Mode: UNII-2A/TX A Mode_CH52/CH60/CH64

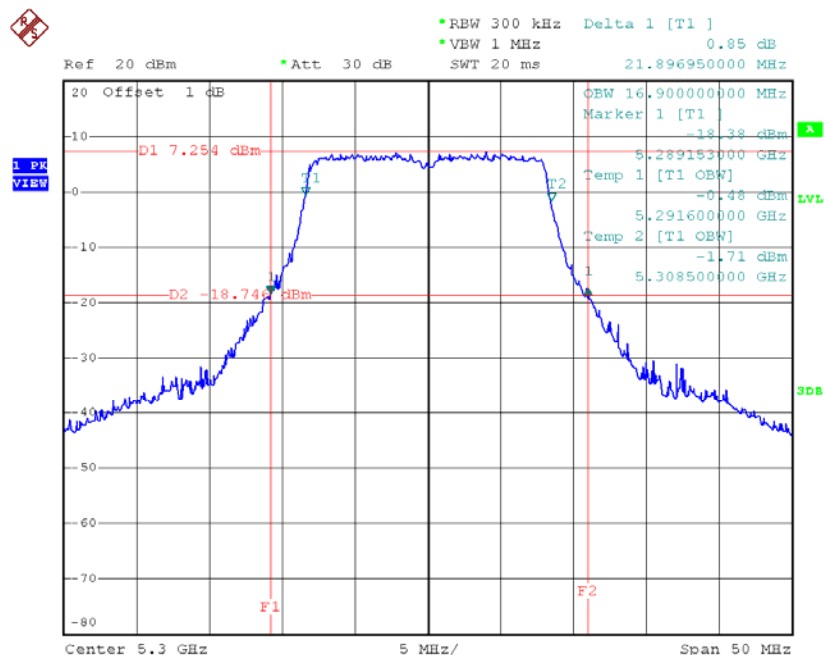
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH52	5260	22.60	16.90
CH60	5300	21.90	16.90
CH64	5320	23.15	17.00

TX CH52



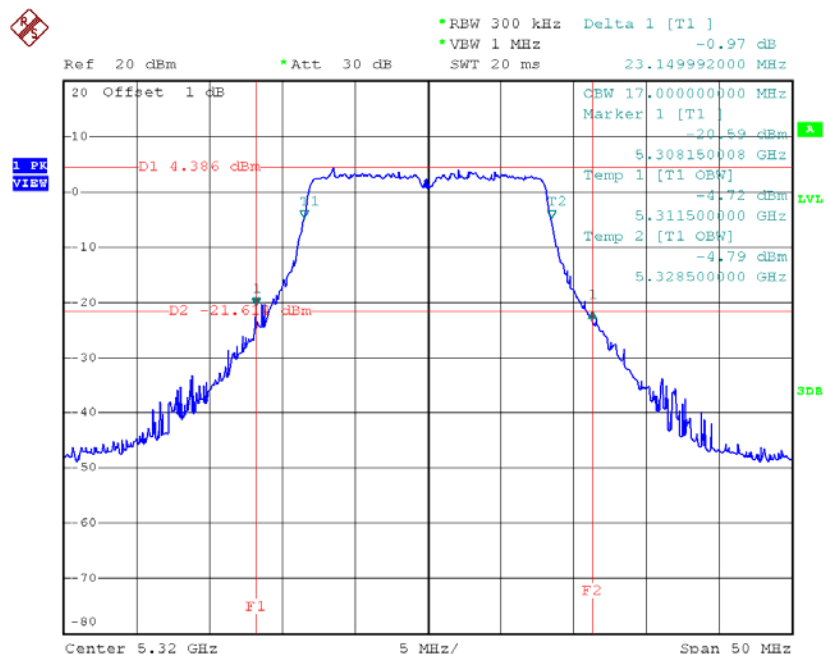
Date: 23.JUL.2015 12:03:33

TX CH60



Date: 23.JUL.2015 12:05:13

TX CH64

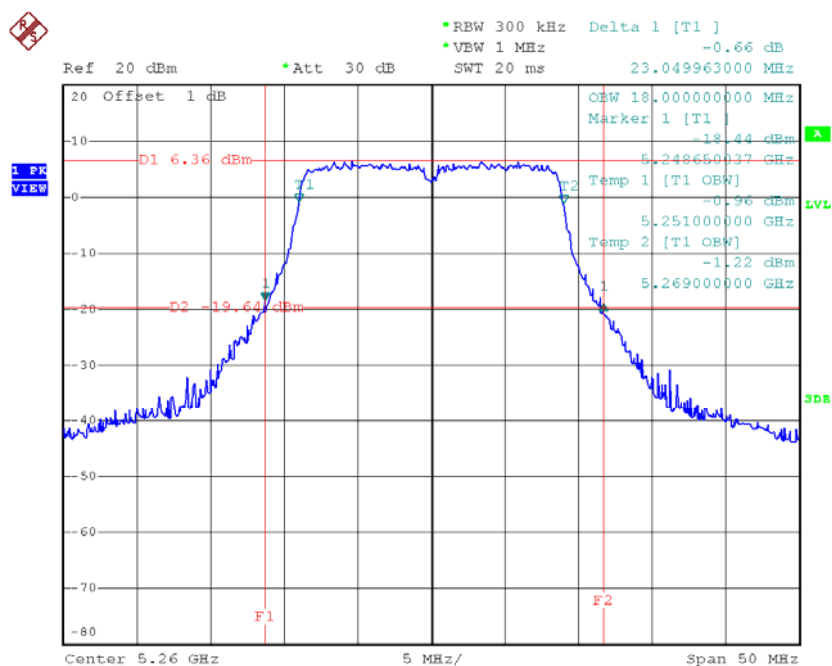


Date: 23.JUL.2015 12:06:45

Test Mode: UNII-2A/TX N20 Mode_CH52/CH60/CH64

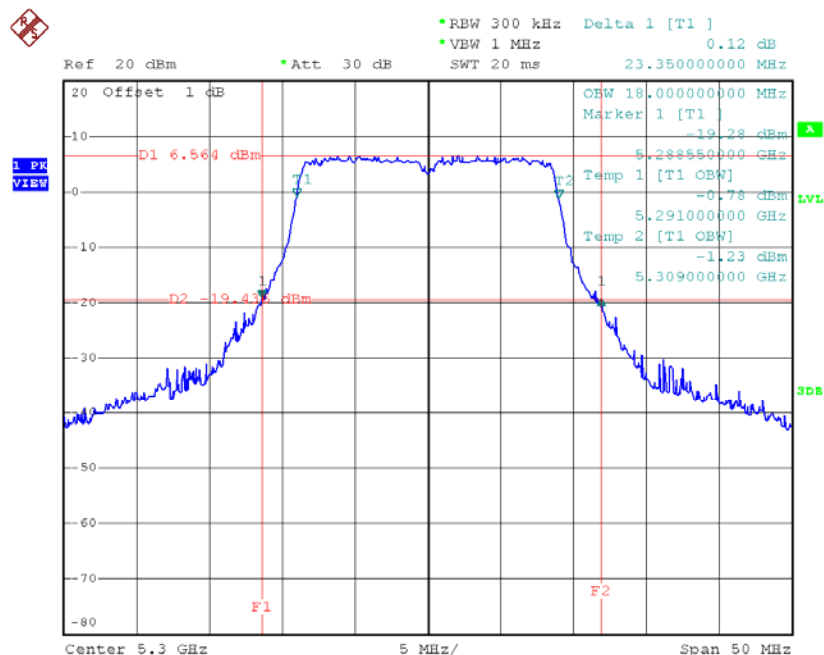
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH52	5260	23.05	18.00
CH60	5300	23.35	18.00
CH64	5320	23.89	18.10

TX CH52



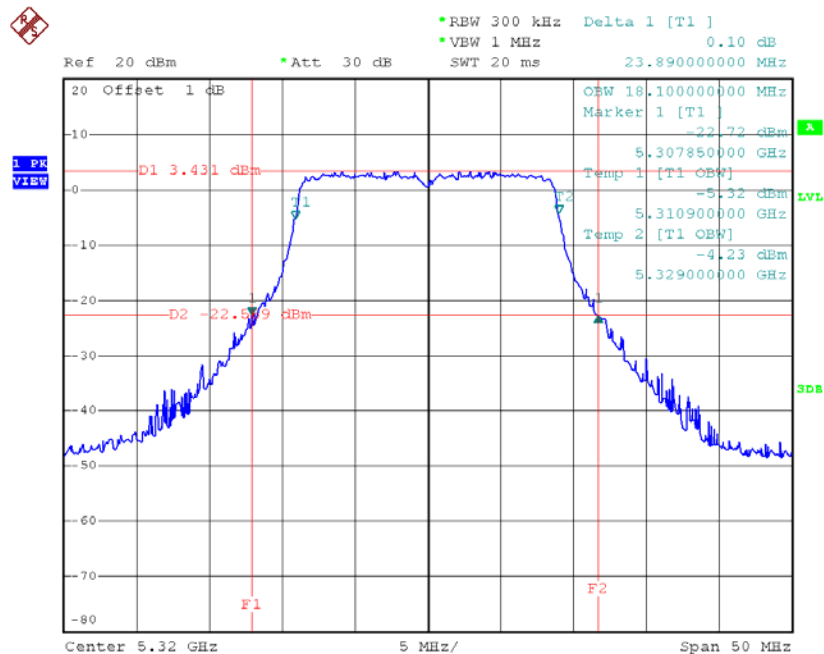
Date: 23.JUL.2015 12:25:32

TX CH60



Date: 23.JUL.2015 14:02:17

TX CH64

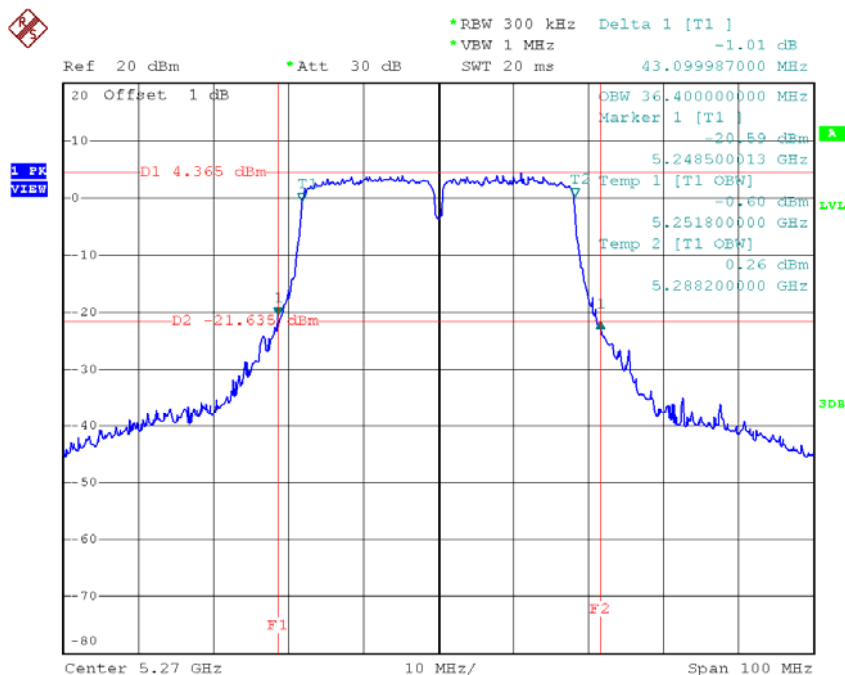


Date: 23.JUL.2015 14:03:13

Test Mode: UNII-2A/TX N40 Mode_CH54/CH62

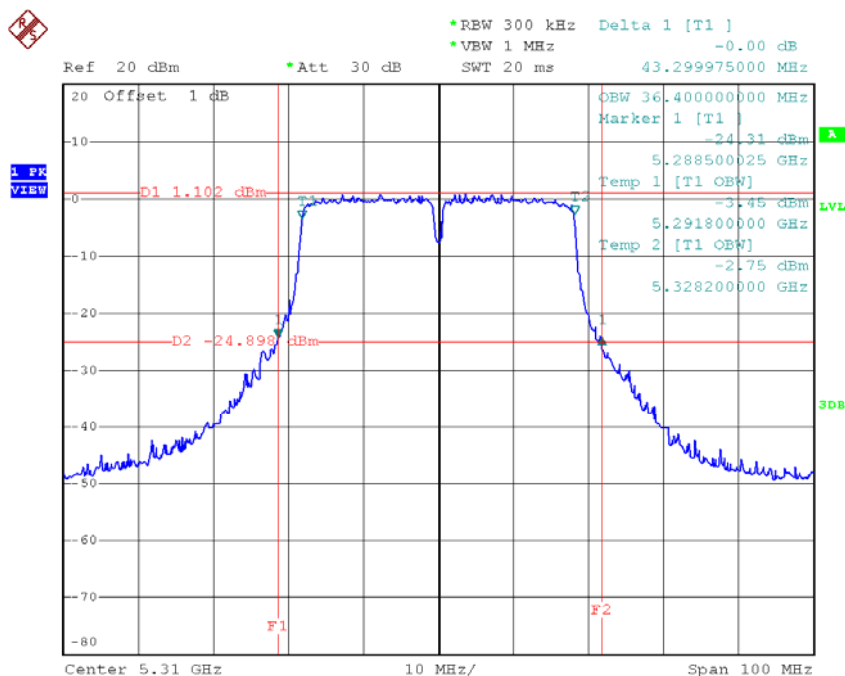
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH54	5270	43.10	36.40
CH62	5310	43.30	36.40

TX CH54



Date: 23.JUL.2015 14:35:09

TX CH62

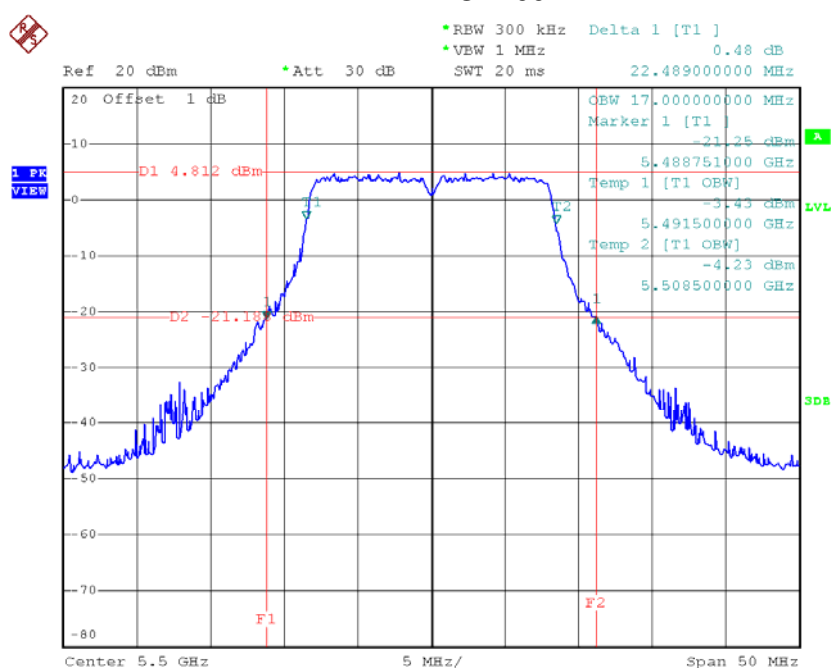


Date: 23.JUL.2015 14:36:30

Test Mode: UNII-2C/TX A Mode_CH100/CH116/CH140

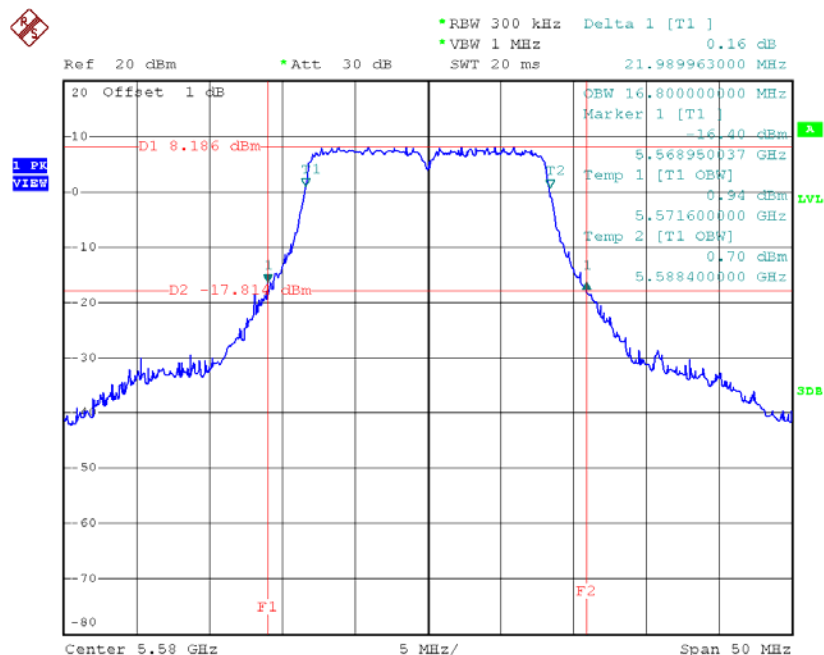
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH100	5500	22.49	17.00
CH116	5580	21.99	16.80
CH140	5700	22.95	17.00

TX CH100



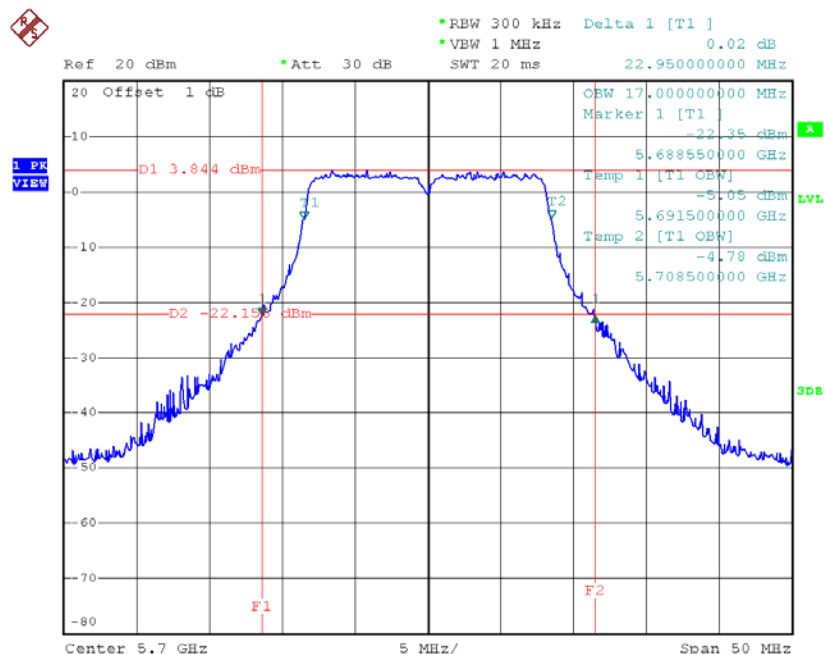
Date: 23.JUL.2015 12:08:24

TX CH116



Date: 23.JUL.2015 12:09:49

TX CH140

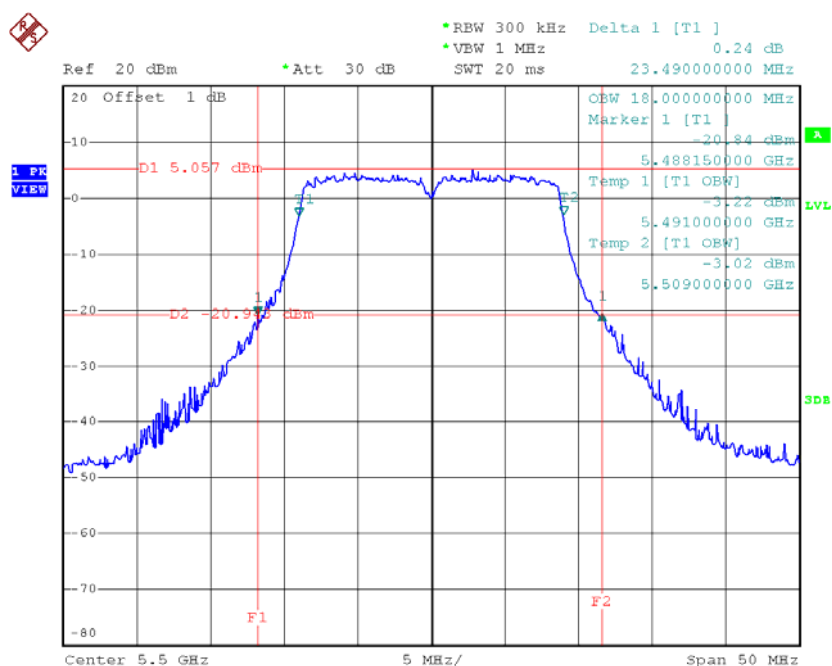


Date: 23.JUL.2015 12:11:24

Test Mode: UNII-2C/TX N20 Mode_CH100/CH116/CH140

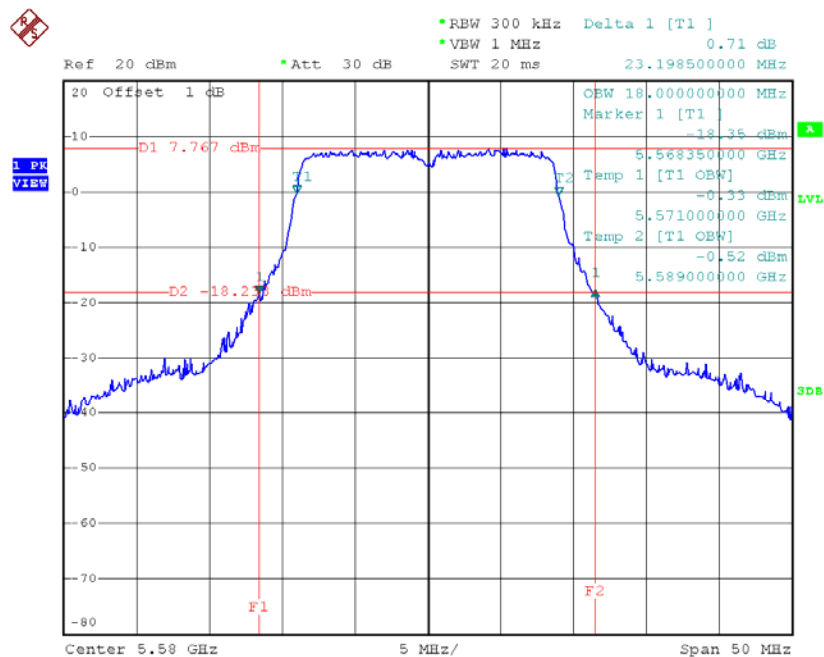
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH100	5500	23.49	18.00
CH116	5580	23.20	18.00
CH140	5700	23.59	18.00

TX CH100



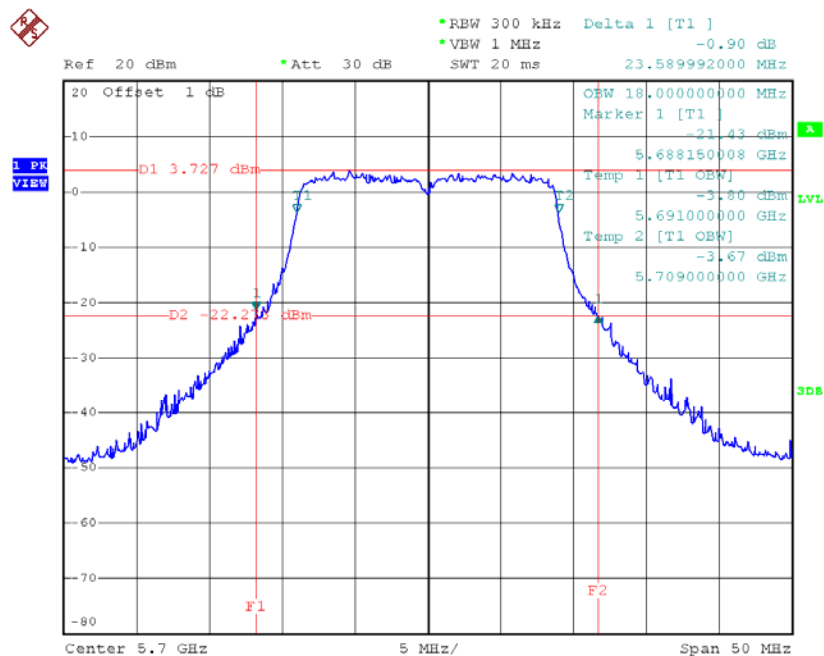
Date: 23.JUL.2015 14:04:11

TX CH116



Date: 23.JUL.2015 14:05:11

TX CH140

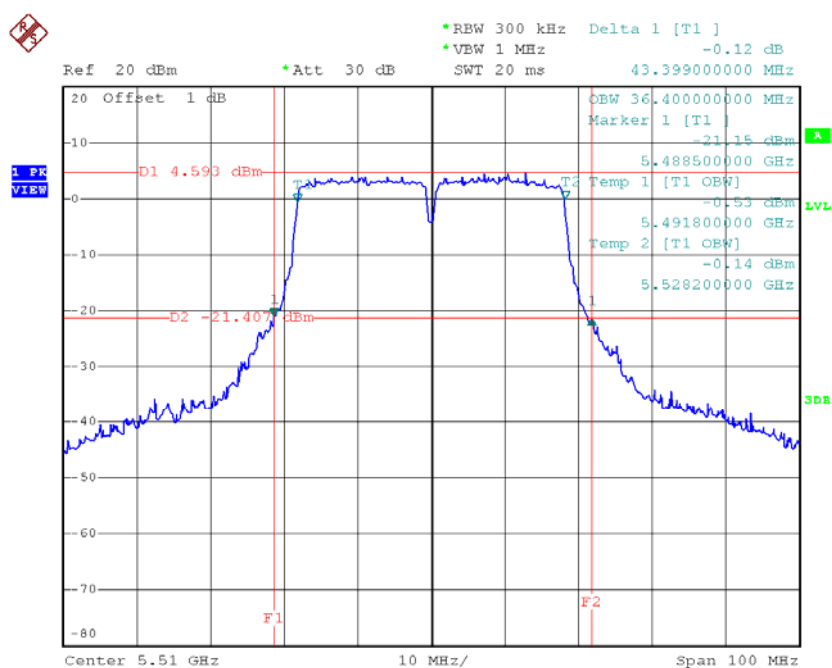


Date: 23.JUL.2015 14:06:13

Test Mode: UNII-2C/TX N40 Mode_CH102/CH110/CH134

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH102	5510	43.40	36.40
CH110	5550	43.60	36.40
CH134	5670	43.99	36.40

TX CH102

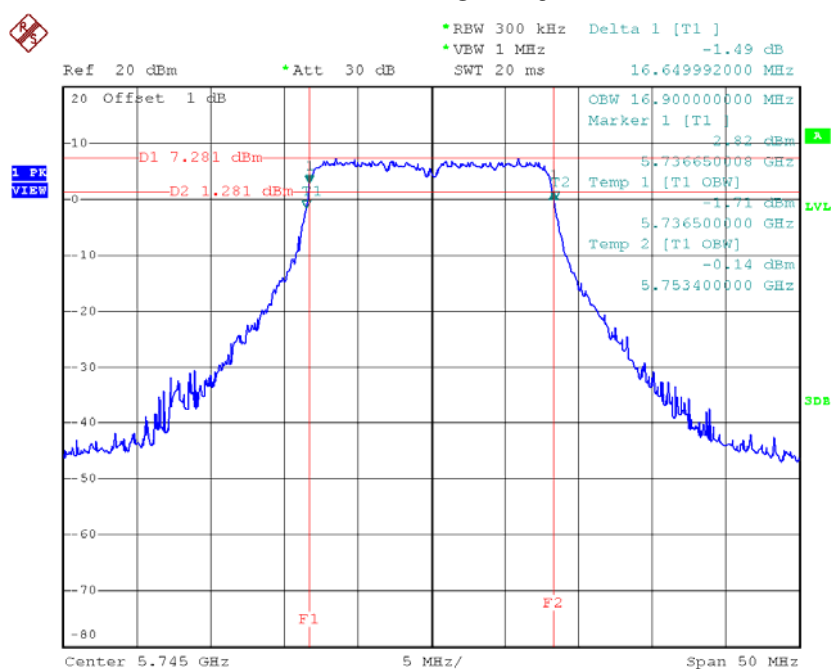


Date: 23.JUL.2015 14:38:17

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

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	16.65	16.90	>=500
CH157	5785	16.56	17.00	>=500
CH165	5825	16.65	17.00	>=500

TX CH 149



Date: 23.JUL.2015 12:13:14