

# FCCRadio Test Report

## FCC ID:QISAP6050DN6150DN

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

**Project No.** : 1604C201C  
**Equipment** : Wireless LAN Access Point  
**Model Name** : AP6150DN  
**Applicant** : Huawei Technologies Co.,Ltd.  
**Address** : Administration Building, Headquarters of Huawei Technologies Co., Ltd.,Bantian, Longgang District, Shenzhen 518129 China

**Date of Receipt** : Dec. 16, 2016  
**Date of Test** : Dec. 16, 2016 ~ Jan. 20, 2017  
**Issued Date** : Jan. 23, 2017  
**Tested by** : BTL Inc.

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### REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
BTL-FCCP-3-1604C201C	Original Issue.	Jan. 23, 2017

## 1. CERTIFICATION

Equipment : Wireless LAN Access Point  
Brand Name : HUAWEI  
Model Name : AP6150DN  
Applicant : Huawei Technologies Co.,Ltd.  
Manufacturer : Huawei Technologies Co.,Ltd.  
Address : Administration Building, Headquarters of Huawei Technologies Co.,  
Ltd.,Bantian, Longgang District, Shenzhen 518129 China  
Factory : CIG Shanghai Co., Ltd., Shanghai Branch  
Address : F/2,3 Building 1, No.505 Jiangyue Road,Minhang District,Shanghai,P.R.China  
Date of Test : Dec. 16, 2016 ~ Jan. 20, 2017  
Test Sample : Engineering Sample  
Standard(s) : FCC Part15, Subpart E(15.407) / ANSI C63.10-2013

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc.

The test data, data evaluation, and equipment configuration contained in our test report (Ref No. BTL-FCCP-3-1604C201C) 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(15.407)			
Standard(s) Section	Test Item	Judgment	Remark
15.207	AC Power Line Conducted Emissions	PASS	
15.407(a)	26dB Spectrum Bandwidth	PASS	
15.407(a)	Maximum Conducted Output Power	PASS	
15.407(a)	Power Spectral Density	PASS	
15.407(a)	Radiated Emissions	PASS	
15.407(b)	Band Edge Emissions	PASS	
15.407(g)	Frequency Stability	PASS	
15.203	Antenna Requirements	PASS	

**NOTE:**

(1) "N/A" denotes test is not applicable in this test report.

**2.1 TEST FACILITY**

The test facilities used to collect the test data in this report is at the location of No.3,Jinshagang 1st Road, Shixia, Dalang Town, Dongguan, Guangdong, China.  
 BTL's test firm number for FCC: 319330

**2.2 MEASUREMENT UNCERTAINTY**

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

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

A. Conducted Measurement:

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

B. Radiated Measurement:

Test Site	Method	Measurement Frequency Range	Ant. H / V	U, (dB)
DG-CB03	CISPR	9kHz~30MHz	V	3.79
		9kHz~30MHz	H	3.57
		30MHz~200MHz	V	3.82
		30MHz~200MHz	H	3.60
		200MHz~ 1,000MHz	V	3.86
		200MHz~ 1,000MHz	H	3.94
		1GHz~18GHz	V	3.12
		1GHz~18GHz	H	3.68
		18GHz~40GHz	V	4.15
		18GHz~40GHz	H	4.14

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

### 3. GENERAL INFORMATION

#### 3.1 GENERAL DESCRIPTION OF EUT

Equipment	Wireless LAN Access Point	
Brand Name	HUAWEI	
Model Name	AP6150DN	
Mode Different	N/A	
Product Description	Operation Frequency	UNII-2A: 5250-5350MHz UNII-2C: 5470-5725MHz
	Modulation Type	OFDM
	Bit Rate of Transmitter	1733Mbps
Power Source	#1 DC voltage supplied from AC Adapter. #2 Supplied from PoE. Model: PoE35-54A	
Power Rating	#1 DC 12V 2A #2 PoE -48V	
Output Power	Output Power (Max.)for UNII-2A (1TX) Non-Beamforming	802.11a:18.54dBm 802.11n (20M): 18.49dBm 802.11n (40M): 17.61dBm 802.11ac Wave2(20 MHz): 18.51dBm 802.11ac Wave2(40 MHz): 17.50dBm 802.11ac Wave2(80 MHz): 15.59dBm 802.11ac Wave2(160MHz):14.52dBm
	Output Power (Max.)for UNII-2C (1TX) Non-Beamforming	802.11a:18.51dBm 802.11n (20M): 18.40dBm 802.11n (40M): 17.50dBm 802.11ac Wave2(20 MHz): 18.45dBm 802.11ac Wave2(40 MHz): 17.52dBm 802.11ac Wave2(80 MHz): 15.62dBm 802.11ac Wave2(160MHz):15.56dBm
	Output Power (Max.)for UNII-2A (2TX) Non-Beamforming	802.11a:21.56dBm 802.11n (20M): 21.43dBm 802.11n (40M): 20.64dBm 802.11ac Wave2(20 MHz): 21.50dBm 802.11ac Wave2(40 MHz): 20.59dBm 802.11ac Wave2(80 MHz): 16.64dBm 802.11ac Wave2(160MHz):16.49dBm
	Output Power (Max.)for UNII-2C (2TX) Non-Beamforming	802.11a:21.57dBm 802.11n (20M): 21.45dBm 802.11n (40M): 20.51dBm 802.11ac Wave2(20 MHz): 21.46dBm 802.11ac Wave2(40 MHz): 20.58dBm 802.11ac Wave2(80 MHz): 16.66dBm 802.11ac Wave2(160MHz):16.45dBm

Output Power	Output Power (Max.)for UNII-2A (3TX) Non-Beamforming	802.11a:23.31dBm 802.11n (20M): 23.21dBm 802.11n (40M): 22.29dBm 802.11ac Wave2(20 MHz): 23.27dBm 802.11ac Wave2(40 MHz): 22.30dBm 802.11ac Wave2(80 MHz): 17.39dBm
	Output Power (Max.)for UNII-2C (3TX) Non-Beamforming	802.11a:23.29dBm 802.11n (20M): 23.17dBm 802.11n (40M): 22.31dBm 802.11ac Wave2(20 MHz): 23.23dBm 802.11ac Wave2(40 MHz): 22.28dBm 802.11ac Wave2(80 MHz): 17.39dBm
	Output Power (Max.)for UNII-2A (4TX) Non-Beamforming	802.11a:23.56dBm 802.11n (20M): 23.40dBm 802.11n (40M): 23.48dBm 802.11ac Wave2(20 MHz): 23.40dBm 802.11ac Wave2(40 MHz): 22.23dBm 802.11ac Wave2(80 MHz): 17.60dBm
	Output Power (Max.)for UNII-2C (4TX) Non-Beamforming	802.11a:23.52dBm 802.11n (20M): 23.48dBm 802.11n (40M): 23.51dBm 802.11ac Wave2(20 MHz): 23.44dBm 802.11ac Wave2(40 MHz): 23.54dBm 802.11ac Wave2(80 MHz): 17.57dBm
	Output Power (Max.)for UNII-2A (2TX) Beamforming	802.11n (20M): 18.51dBm 802.11n (40M): 18.53dBm 802.11ac Wave2(20 MHz): 18.53dBm 802.11ac Wave2(40 MHz): 18.53dBm 802.11ac Wave2(80 MHz): 13.64dBm 802.11ac Wave2(160MHz):13.39dBm
	Output Power (Max.)for UNII-2C (2TX) Beamforming	802.11n (20M): 18.55dBm 802.11n (40M): 18.54dBm 802.11ac Wave2(20 MHz): 18.48dBm 802.11ac Wave2(40 MHz): 18.53dBm 802.11ac Wave2(80 MHz): 13.64dBm 802.11ac Wave2(160MHz):13.51dBm
	Output Power (Max.)for UNII-2A (3TX) Beamforming	802.11n (20M): 18.33dBm 802.11n (40M): 18.30dBm 802.11ac Wave2(20 MHz): 18.26dBm 802.11ac Wave2(40 MHz): 18.29dBm 802.11ac Wave2(80 MHz): 12.42dBm
	Output Power (Max.)for UNII-2C (3TX) Beamforming	802.11n (20M): 17.36dBm 802.11n (40M): 18.30dBm 802.11ac Wave2(20 MHz): 18.26dBm 802.11ac Wave2(40 MHz): 18.37dBm 802.11ac Wave2(80 MHz): 12.44dBm
	Output Power (Max.)for UNII-2A (4TX) Beamforming	802.11n (20M): 17.39dBm 802.11n (40M): 17.52dBm 802.11ac Wave2(20 MHz): 17.49dBm 802.11ac Wave2(40 MHz): 16.30dBm 802.11ac Wave2(80 MHz): 11.61dBm
	Output Power (Max.)for UNII-2C (4TX) Beamforming	802.11n (20M): 17.40dBm 802.11n (40M): 17.53dBm 802.11ac Wave2(20 MHz): 17.45dBm 802.11ac Wave2(40 MHz): 16.22dBm 802.11ac Wave2(80 MHz): 11.65dBm

Note:

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

802.11a 802.11n 20MHz 802.11ac Wave2(20 MHz)		802.11n 40MHz 802.11ac Wave2(40 MHz)		802.11ac Wave2(80 MHz)	
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				

802.11a 802.11n 20MHz 802.11ac Wave2(20 MHz)		802.11n 40MHz 802.11ac Wave2(40 MHz)		802.11ac Wave2(80 MHz)	
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				

802.11ac Wave2(160MHz)							
In 5G band, 160MHz channel is combined by two 80MHz channels and the working form is 80+80MHz. Each 80MHz channel selects discontinuity requirements.							
In this FCC test, only tested two typical combination (5290+5610MHz) for 160MHz test.							
802.11ac wave2 (160MHz)							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
42+106	5210+5530	106+42	5530+5210	42+122	5210+5610	122+42	5610+5210
42+155	5210+5775	155+42	5775+5210	<b>58+122</b>	<b>5290+5610</b>	<b>122+58</b>	<b>5610+5290</b>
58+106	5290+5530	106+58	5530+5290	58+155	5290+5775	155+58	5775+5290
106+155	5530+5775	155+106	5775+5530	122+155	5610+5775	155+122	5775+5610

### 3. Antenna Specification:

Ant.	Manufacturer	Model Name	Antenna Type	Connector	Gain (dBi)
1	中山通宇	TT-245804-6W1	External	SMA	4.82
2	中山通宇	TT-245804-6W1	External	SMA	4.82
3	中山通宇	TT-245804-6W1	External	SMA	4.82
4	中山通宇	TT-245804-6W1	External	SMA	4.82

**Note:**

The EUT incorporates a MIMO function. Physically, the EUT provides four completed transmitters and receivers (4T4R) , all transmit signals are completely correlated.

**(1) For 2TX without beamforming:**

The EUT with beamforming function, then, Direction gain =  $G_{ANT}+10\log(N_{ANT}/N_{SS})$ .  
 For 2TX without beamforming: Directional gain= $4.82+10\log(2/2)=6.58+0=4.82$  dBi.

**(2) For 3TX without beamforming:**

The EUT with beamforming function, then, Direction gain =  $G_{ANT}+10\log(N_{ANT}/N_{SS})$ .  
 For 3TX without beamforming: Directional gain= $6.58+10\log(3/3)=4.82+0=4.82$  dBi.

**(3) For 4TX without beamforming:**

The EUT with beamforming function, then, Direction gain =  $G_{ANT}+10\log(N_{ANT}/N_{SS})$ .  
 For 4TX without beamforming: Directional gain= $6.58+10\log(4/4)=4.82+0=4.82$  dBi.

**(1) For 2TX with beamforming:**

The EUT with beamforming function, then, Direction gain =  $G_{ANT}+10\log(N_{ANT})$ .  
 For 2TX with beamforming: Directional gain= $4.82+10\log(2)=4.82+3=7.82$  dBi.

So for fixed device, the UNII-2A, UNII-2C output power limit is  $24-(7.82-6)=22.18$ . The UNII-2A power density limit is  $11-(7.82-6)=9.18$ , the UNII-2C power density limit is  $11-(7.82-6)=9.18$ .

**(2) For 3TX with beamforming:**

The EUT with beamforming function, then, Direction gain =  $G_{ANT}+10\log(N_{ANT})$ .  
 For 3TX with beamforming: Directional gain= $4.82+10\log(3)=4.82+4.77=9.59$  dBi.

So for fixed device, the UNII-2A, UNII-2C output power limit is  $24-(9.59-6)=20.41$ . The UNII-2A power density limit is  $11-(9.59-6)=7.41$ , the UNII-2C power density limit is  $11-(9.59-6)=7.41$ .

**(3) For 4TX with beamforming:**

The EUT with beamforming function, then, Direction gain =  $G_{ANT}+10\log(N_{ANT})$ .  
 For 4TX with beamforming: Directional gain= $4.82+10\log(4)=4.82 + 6=10.82$  dBi.

So for fixed device, the UNII-2A, UNII-2C output power limit is  $24-(10.82-6)=19.18$ . The UNII-2A power density limit is  $11-(10.82-6)=6.18$ , the UNII-2C power density limit is  $11-(10.82-6)=6.18$ .



4.

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

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

Note:1TX means Nss=1, 2TX means Nss=2, 3TX means Nss=3, 4TX means Nss=4.

### 3.2 DESCRIPTION OF TEST MODES

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

Pretest Mode	Description
Mode 1	TX A Mode/ CH52, CH60, CH64 (UNII-2A)
Mode 2	TX N20 Mode/ CH52, CH60, CH64 (UNII-2A)
Mode 3	TX N40 Mode/ CH54, CH62 (UNII-2A)
Mode 4	TX AC Wave2(20 MHz) Mode/ CH52, CH60, CH64 (UNII-2A)
Mode 5	TX AC Wave2(40 MHz) Mode/ CH54, CH62 (UNII-2A)
Mode 6	TX AC Wave2(80 MHz) Mode / CH58 (UNII-2A)
Mode 7	TX A Mode/ CH100, CH116, CH140 (UNII-2C)
Mode 8	TX N20 Mode/ CH100, CH116, CH140 (UNII-2C)
Mode 9	TX N40 Mode/CH102, CH110, CH134(UNII-2C)
Mode 10	TX AC Wave2(20 MHz) Mode/ CH100, CH116, CH140 (UNII-2C)
Mode 11	TX AC Wave2(40 MHz) Mode/CH102, CH110, CH134(UNII-2C)
Mode 12	TX AC Wave2(80 MHz) Mode / CH106, CH122 (UNII-2C)
Mode 13	TX AC Wave2(160 MHz) Mode / CH58(UNII-2A)+CH122 (UNII-2C)
Mode 14	TX Mode

The EUT system operated these modes were found to be the worst case during the pre-scanning test as following:

For Conducted Test	
Final Test Mode	Description
Mode 14	TX Mode

For Radiated Test	
Final Test Mode	Description
Mode 1	TX A Mode/ CH52, CH60, CH64 (UNII-2A)
Mode 2	TX N20 Mode/ CH52, CH60, CH64 (UNII-2A)
Mode 3	TX N40 Mode/ CH54, CH62 (UNII-2A)
Mode 4	TX AC Wave2(20 MHz) Mode/ CH52, CH60, CH64 (UNII-2A)
Mode 5	TX AC Wave2(40 MHz) Mode/ CH54, CH62 (UNII-2A)
Mode 6	TX AC Wave2(80 MHz) Mode / CH58 (UNII-2A)
Mode 7	TX A Mode/ CH100, CH116, CH140 (UNII-2C)
Mode 8	TX N20 Mode/ CH100, CH116, CH140 (UNII-2C)
Mode 9	TX N40 Mode/CH102, CH110, CH134(UNII-2C)
Mode 10	TX AC Wave2(20 MHz) Mode/ CH100, CH116, CH140 (UNII-2C)
Mode 11	TX AC Wave2(40 MHz) Mode/CH102, CH110, CH134(UNII-2C)
Mode 12	TX AC Wave2(80 MHz) Mode / CH106, CH122 (UNII-2C)
Mode 13	TX AC Wave2(160 MHz) Mode / CH58(UNII-2A)+CH122 (UNII-2C)

**Note:**

(1) For radiated below 1GHz test, the 802.11a mode is found to be the worst case and recorded.

### 3.3 TABLE OF PARAMETERS OF TEST SOFTWARE SETTING

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

UNII-2A - 1TX Non-Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5260	5300	5320
A Mode	19	19	19
Frequency (MHz)	5260	5300	5320
N20 Mode	19	19	18
Frequency (MHz)	5270	5310	
N40 Mode	18	17	

UNII-2C - 1TX Non-Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5500	5580	5700
A Mode	18	19	18
Frequency (MHz)	5500	5580	5700
N20 Mode	18	19	18
Frequency (MHz)	5510	5550	5670
N40 Mode	17	18	17

UNII-2A - 1TX Non-Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5260	5300	5320
AC Wave2(20 MHz) Mode	19	19	19
Frequency (MHz)	5270	5310	
AC Wave2(40 MHz) Mode	18	17	
Frequency (MHz)	5290		
AC Wave2(80 MHz) Mode	16		

UNII-2C - 1TX Non-Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5500	5580	5700
AC Wave2(20 MHz) Mode	18	19	18
Frequency (MHz)	5510	5550	5670
AC Wave2(40 MHz) Mode	17	18	17
Frequency (MHz)	5530	5610	
AC Wave2(80 MHz) Mod	16	16	

UNII-2A + UNII-2C - 1TX Non-Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5290	5610	
AC Wave2(160 MHz) Mode	15	16	

UNII-2A - 2TX Non-Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5260	5300	5320
A Mode	19	19	19
Frequency (MHz)	5260	5300	5320
N20 Mode	19	19	18
Frequency (MHz)	5270	5310	
N40 Mode	18	15	

UNII-2C - 2TX Non-Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5500	5580	5700
A Mode	18	19	17
Frequency (MHz)	5500	5580	5700
N20 Mode	18	19	17
Frequency (MHz)	5510	5550	5670
N40 Mode	15	18	16

UNII-2A - 2TX Non-Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5260	5300	5320
AC Wave2(20 MHz) Mode	19	19	18
Frequency (MHz)	5270	5310	
AC Wave2(40 MHz) Mode	18	15	
Frequency (MHz)	5290		
AC Wave2(80 MHz) Mode	14		

UNII-2C - 2TX Non-Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5500	5580	5700
AC Wave2(20 MHz) Mode	17	19	17
Frequency (MHz)	5510	5550	5670
AC Wave2(40 MHz) Mode	15	18	16
Frequency (MHz)	5530	5610	
AC Wave2(80 MHz) Mode	14	14	

UNII-2A + UNII-2C - 2TX Non-Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5290	5610	
AC Wave2(160 MHz) Mode	14	14	

UNII-2A - 3TX Non-Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5260	5300	5320
A Mode	19	19	18
Frequency (MHz)	5260	5300	5320
N20 Mode	19	19	17
Frequency (MHz)	5270	5310	
N40 Mode	18	14	

UNII-2C - 3TX Non-Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5500	5580	5700
A Mode	18	19	15
Frequency (MHz)	5500	5580	5700
N20 Mode	17	19	15
Frequency (MHz)	5510	5550	5670
N40 Mode	14	18	14

UNII-2A - 3TX Non-Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5260	5300	5320
AC Wave2(20 MHz) Mode	19	19	17
Frequency (MHz)	5270	5310	
AC Wave2(40 MHz) Mode	18	14	
Frequency (MHz)	5290		
AC Wave2(80 MHz) Mode	13		

UNII-2C - 3TX Non-Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5500	5580	5700
AC Wave2(20 MHz) Mode	17	19	15
Frequency (MHz)	5510	5550	5670
AC Wave2(40 MHz) Mode	14	18	14
Frequency (MHz)	5530	5610	
AC Wave2(80 MHz) Mode	13	13	

UNII-2A - 4TX Non-Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5260	5300	5320
A Mode	18	16	16
Frequency (MHz)	5260	5300	5320
N20 Mode	18	16	16
Frequency (MHz)	5270	5310	
N40 Mode	18	13	

UNII-2C - 4TX Non-Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5500	5580	5700
A Mode	18	18	14
Frequency (MHz)	5500	5580	5700
N20 Mode	18	18	14
Frequency (MHz)	5510	5550	5670
N40 Mode	13	18	13

UNII-2A - 4TX Non-Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5260	5300	5320
AC Wave2(20 MHz) Mode	18	15	15
Frequency (MHz)	5270	5310	
AC Wave2(40 MHz) Mode	18	13	
Frequency (MHz)	5290		
AC Wave2(80 MHz) Mode	12		

UNII-2C - 4TX Non-Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5500	5580	5700
AC Wave2(20 MHz) Mode	15	18	14
Frequency (MHz)	5510	5550	5670
AC Wave2(40 MHz) Mode	13	18	13
Frequency (MHz)	5530	5610	
AC Wave2(80 MHz) Mode	12	12	



UNII-2A - 2TX Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5260	5300	5320
N20 Mode	16	16	15
Frequency (MHz)	5270	5310	
N40 Mode	16	12	

UNII-2C - 2TX Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5500	5580	5700
N20 Mode	15	16	14
Frequency (MHz)	5510	5550	5670
N40 Mode	12	16	13

UNII-2A - 2TX Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5260	5300	5320
AC Wave2(20 MHz) Mode	16	16	15
Frequency (MHz)	5270	5310	
AC Wave2(40 MHz) Mode	16	12	
Frequency (MHz)	5290		
AC Wave2(80 MHz) Mode	11		

UNII-2C - 2TX Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5500	5580	5700
AC Wave2(20 MHz) Mode	14	16	14
Frequency (MHz)	5510	5550	5670
AC Wave2(40 MHz) Mode	12	16	13
Frequency (MHz)	5530	5610	
AC Wave2(80 MHz) Mode	11	11	

UNII-2A + UNII-2C - 2TX Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5290	5610	
AC Wave2(160 MHz) Mode	11	11	

UNII-2A - 3TX Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5260	5300	5320
N20 Mode	14	14	12
Frequency (MHz)	5270	5310	
N40 Mode	14	9	

UNII-2C - 3TX Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5500	5580	5700
N20 Mode	12	14	10
Frequency (MHz)	5510	5550	5670
N40 Mode	9	14	9

UNII-2A - 3TX Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5260	5300	5320
AC Wave2(20 MHz) Mode	14	14	12
Frequency (MHz)	5270	5310	
AC Wave2(40 MHz) Mode	14	9	
Frequency (MHz)	5290		
AC Wave2(80 MHz) Mode	8		

UNII-2C - 3TX Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5500	5580	5700
AC Wave2(20 MHz) Mode	12	14	10
Frequency (MHz)	5510	5550	5670
AC Wave2(40 MHz) Mode	9	14	9
Frequency (MHz)	5530	5610	
AC Wave2(80 MHz) Mode	8	8	

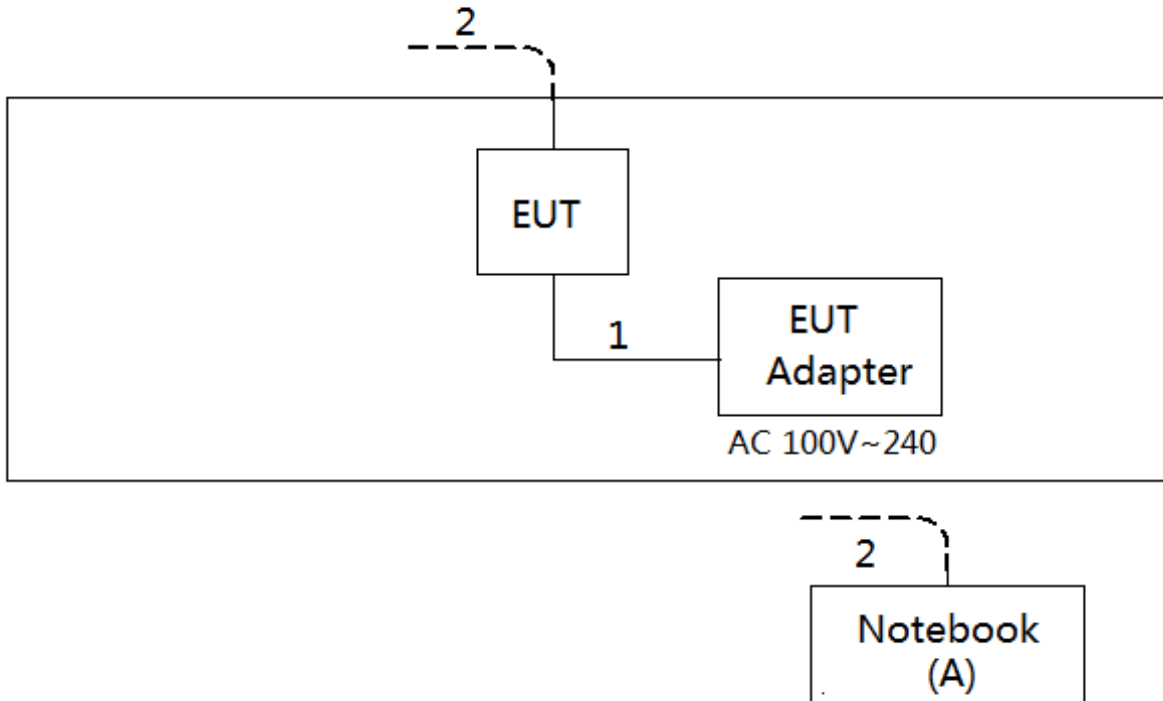
UNII-2A - 4TX Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5260	5300	5320
N20 Mode	12	12	10
Frequency (MHz)	5270	5310	
N40 Mode	12	7	

UNII-2C - 4TX Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5500	5580	5700
N20 Mode	12	12	8
Frequency (MHz)	5510	5550	5670
N40 Mode	7	12	7

UNII-2A - 4TX Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5260	5300	5320
AC Wave2(20 MHz) Mode	12	12	9
Frequency (MHz)	5270	5310	
AC Wave2(40 MHz) Mode	12	7	
Frequency (MHz)	5290		
AC Wave2(80 MHz) Mode	6		

UNII-2C - 4TX Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5500	5580	5700
AC Wave2(20 MHz) Mode	12	12	8
Frequency (MHz)	5510	5550	5670
AC Wave2(40 MHz) Mode	7	12	7
Frequency (MHz)	5530	5610	
AC Wave2(80 MHz) Mode	6	6	

**3.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED**



**3.5 DESCRIPTION OF SUPPORT UNITS**

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

Item	Equipment	Mfr/Brand	Model/Type No.	FCC ID	Series No.
A	Notebook	Lenovo	INSPIRON 1420-	DOC	JX193A01SDC2

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

## 4. EMC EMISSION TEST

### 4.1 CONDUCTED EMISSION MEASUREMENT

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

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

Note:

- (1) The tighter limit applies at the band edges.
- (2) The limit of " \* " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

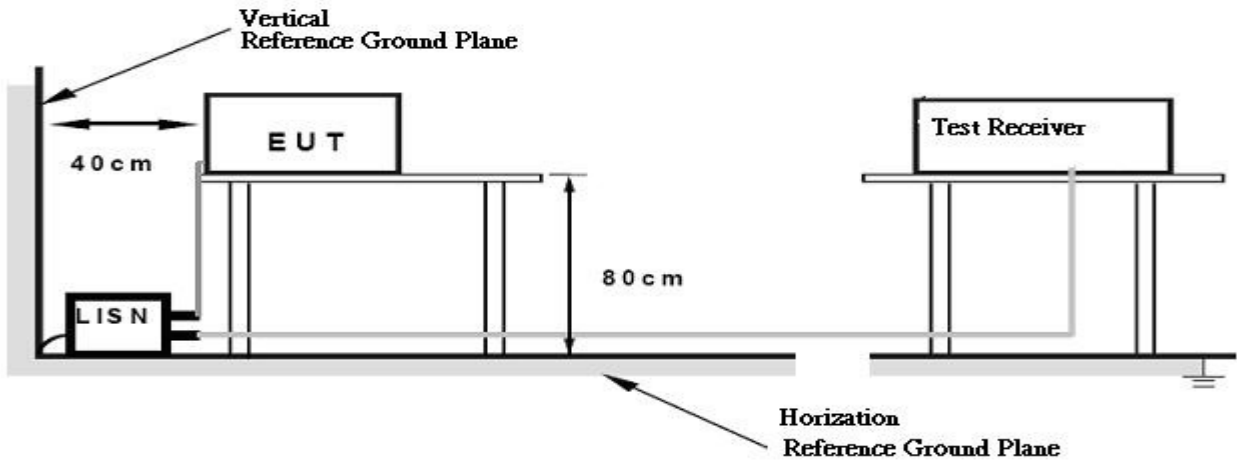
#### 4.1.2 TEST PROCEDURE

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

#### 4.1.3 DEVIATION FROM TEST STANDARD

No deviation

#### 4.1.4 TESTSETUP



#### 4.1.5 EUT OPERATING CONDITIONS

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

The EUT was programmed to be in continuously transmitting/TX Mode mode.

#### 4.1.6 EUT TEST CONDITIONS

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

#### 4.1.7 TEST RESULTS

Please refer to the Attachment A.

Remark:

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

## 4.2 RADIATED EMISSION MEASUREMENT

### 4.2.1 RADIATED EMISSION LIMITS

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

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

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

Note:

1. The following formula is used to convert the equipment isotropic radiated power (eirp) to

field strength:  $E = \frac{1000000\sqrt{30P}}{3}$  μV/m, where P is the eirp (Watts)

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

**4.2.2 TEST PROCEDURE**

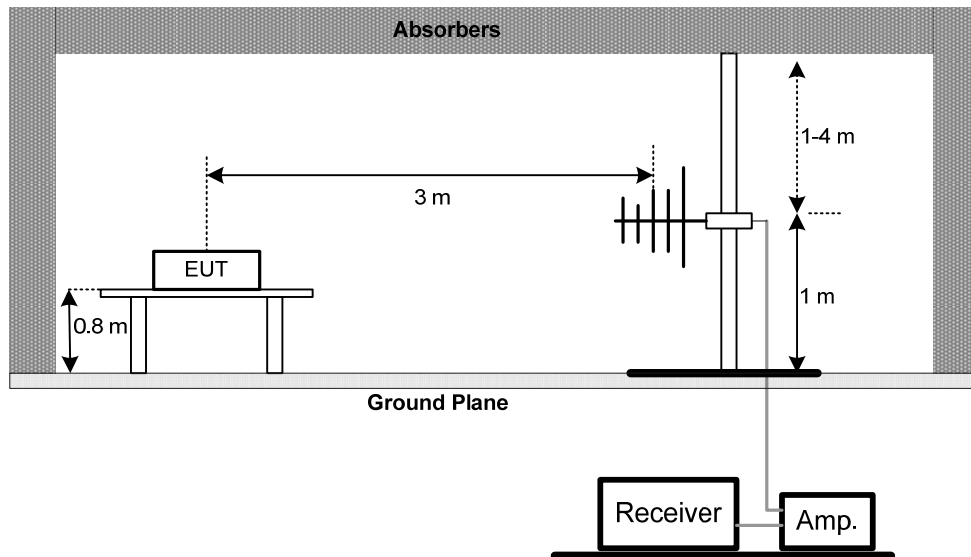
- a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
- b. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 1.5 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(above 1GHz)
- c. The height of the equipment or of the substitution antenna shall be 0.8m or 1.5m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights find the maximum reading (used Bore sight function).
- e. The receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1GHz.
- f. The initial step in collecting radiated emission data is a receiver peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- g. All readings are Peak unless otherwise stated QP in column of Note. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform. (below 1GHz)
- h. All readings are Peak Mode value unless otherwise stated AVG in column of Note. If the Peak Mode Measured value compliance with the Peak Limits and lower than AVG Limits, the EUT shall be deemed to meet both Peak & AVG Limits and then only Peak Mode was measured, but AVG Mode didn't perform. (above 1GHz)
- i. For the actual test configuration, please refer to the related Item –EUT Test Photos.

**4.2.3 DEVIATION FROM TEST STANDARD**

No deviation

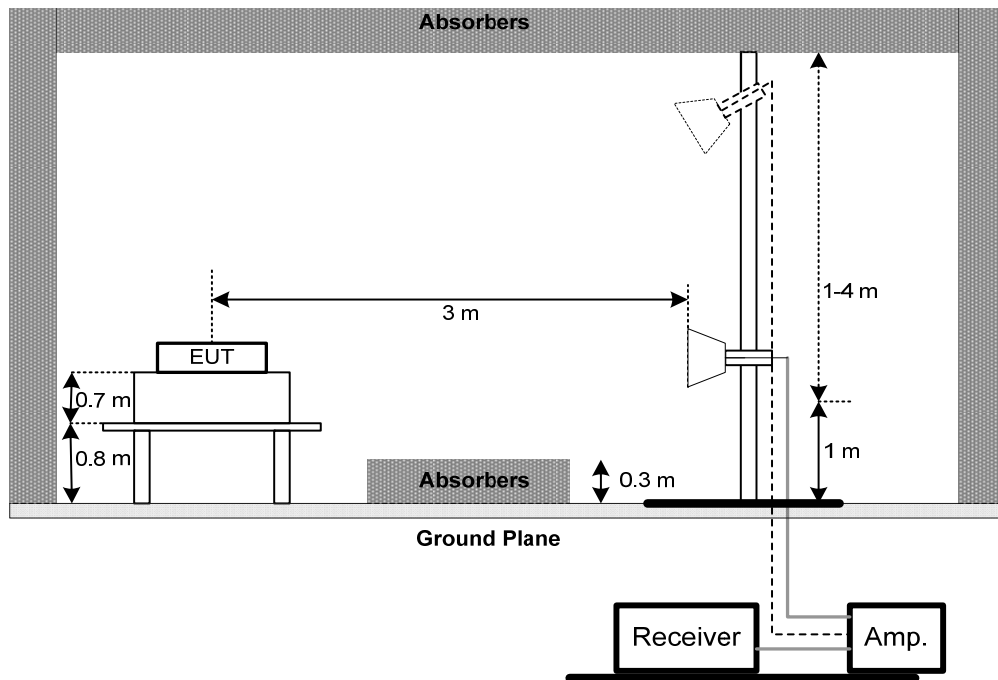
**4.2.4 TEST SETUP**

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

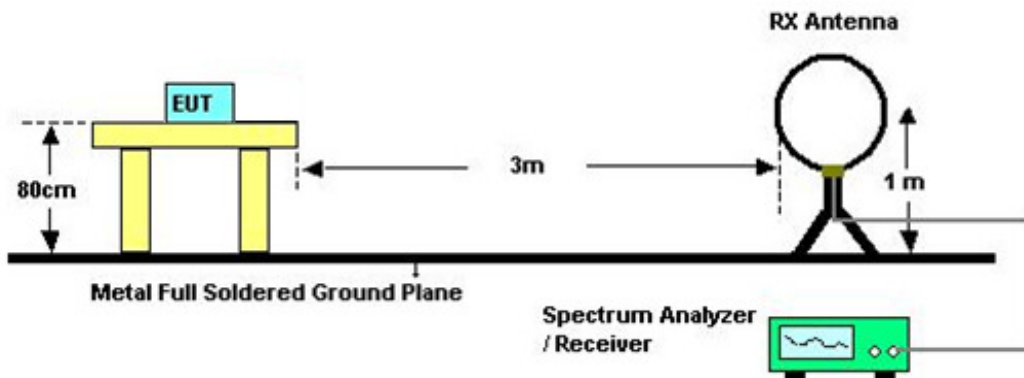




(B) Radiated Emission Test Set-Up Frequency Above 1 GHz



(C) Radiated emissions below 30MHz



**4.2.5 EUT OPERATING CONDITIONS**

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

**4.2.6 EUT TEST CONDITIONS**

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

#### **4.2.7 TEST RESULTS (9K TO 30MHz)**

Please refer to the Attachment B

Remark:

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

#### **4.2.8 TEST RESULTS(BETWEEN30 TO 1000 MHz)**

Please refer to the Attachment C.

#### **4.2.9 TEST RESULTS (ABOVE1000 MHz)**

Please refer to the Attachment D.

Remark:

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

## 5.26dB SPECTRUM BANDWIDTH

### 5.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E			
Test Item	Limit	Frequency Range (MHz)	Result
Bandwidth	26 dB Bandwidth	5250-5350	PASS
	26 dB Bandwidth	5470-5725	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.

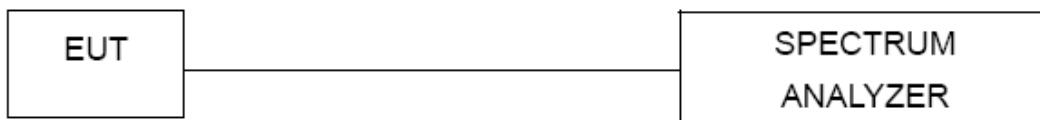
Spectrum Parameters	Setting
Attenuation	Auto
Span Frequency	> 26dB Bandwidth
RBW	300 kHz(Bandwidth 20MHz) 1MHz(Bandwidth 40MHz and 80MHz)
VBW	1MHz(Bandwidth 20MHz) 3MHz(Bandwidth 40MHz and 80MHz)
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

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

#### 5.1.2 DEVIATION FROM STANDARD

No deviation.

#### 5.1.3 TEST SETUP



#### 5.1.4 EUT OPERATION CONDITIONS

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

#### 5.1.5 EUT TEST CONDITIONS

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

#### 5.1.6 TEST RESULTS

Please refer to the Attachment E.

## 6. MAXIMUM CONDUCTED OUTPUT POWER

### 6.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E			
Test Item	Limit	Frequency Range (MHz)	Result
Conducted Output Power	250mW (24dBm)	5250-5350	PASS
	250mW (24dBm)	5470-5725	PASS
Note: The maximum e.i.r.p at any elevation angle above 30 degrees as measured from the horizon must not exceed 125mW(21dBm)			

#### 6.1.1 TEST PROCEDURE

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

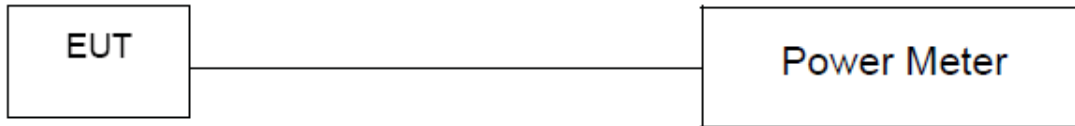
b.

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

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

**6.1.2 DEVIATION FROM STANDARD**

No deviation.

**6.1.3 TEST SETUP****6.1.4 EUT OPERATION CONDITIONS**

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

**6.1.5 EUT TEST CONDITIONS**

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

**6.1.6 TEST RESULTS**

Please refer to the Attachment F.

## 7. POWER SPECTRAL DENSITY TEST

### 7.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E			
Test Item	Limit	Frequency Range (MHz)	Result
Power Spectral Density	11dBm/MHz	5250-5350	PASS
	11dBm/MHz	5470-5725	PASS

#### 8.1.1 TEST PROCEDURE

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

b.

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	Encompass the entire emissions bandwidth (EBW) of the signal
RBW	= 1MHz.
VBW	≥ 3MHz.
Detector	RMS
Trace average	100 trace
Sweep Time	Auto

Note:

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

### 7.1.1 DEVIATION FROM STANDARD

No deviation.

### 7.1.2 TEST SETUP



### 7.1.3 EUT OPERATION CONDITIONS

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

### 7.1.4 EUT TEST CONDITIONS

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

### 7.1.5 TEST RESULTS

**Please refer to the Attachment H.**

## 8.FREQUENCY STABILITY MEASUREMENT

### 8.1 APPLIED PROCEDURES / LIMIT

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

#### 8.1.1 TEST PROCEDURE

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

b.

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

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

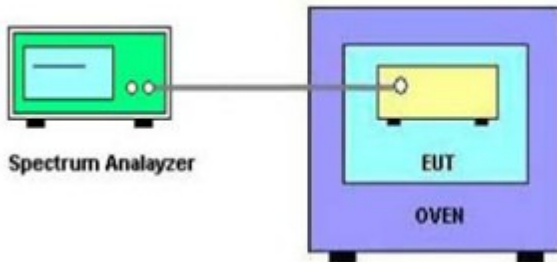
d. User manual temperature is 0°C~40°C.

#### 8.1.2 DEVIATION FROM STANDARD

No deviation.



### 8.1.3 TEST SETUP



### 8.1.4 EUT OPERATION CONDITIONS

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

### 8.1.5 EUT TEST CONDITIONS

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

### 8.1.6 TEST RESULTS

Please refer to the Attachment I.

## 9. MEASUREMENT INSTRUMENTS LIST

Conducted Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	LISN	EMCO	3816/2	0052765	Mar. 27, 2017
2	LISN	R&S	ENV216	101447	Mar. 27, 2017
3	Test Cable	emci	RG223(9KHz-30 MHz)	C_17	Mar. 10, 2017
4	EMI Test Receiver	R&S	ESCI	100382	Mar. 27, 2017
5	50Ω Terminator	SHX	TF2-3G-A	08122901	Mar. 27, 2017
6	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

Radiated Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Antenna	Schwarzbeck	VULB9160	9160-3232	Mar. 27, 2017
2	Amplifier	HP	8447D	2944A09673	Nov. 08, 2017
3	Receiver	AGILENT	N9038A	MY52130039	Oct. 10, 2017
4	Test Cable	emci	LMR-400(30MHz-1GHz)	C-01	Jun. 26, 2017
5	Control	CT	SC100	N/A	N/A
6	Position Control	MF	MF-7802	MF780208416	N/A
7	Antenna	ETS	3115	00075789	Mar. 27, 2017
8	Amplifier	Agilent	8449B	3008A02274	Nov. 01, 2017
9	Receiver	AGILENT	N9038A	MY52130039	Oct. 10, 2017
10	Test Cable	emci	EMC104-SM-S M-10000(1GHz-26.5GHz)	C-68	Jun. 26, 2017
11	Controller	CT	SC100	N/A	N/A
12	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Apr. 23, 2017
13	Microwave Pre-amplifier With Adaptor	EMC INSTRUMENT	EMC2654045	980039 & HA01	Mar. 27, 2017
14	Active Loop Antenna	R&S	HFH2-Z2	830749/020	Sep. 06, 2017
15	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

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

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

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

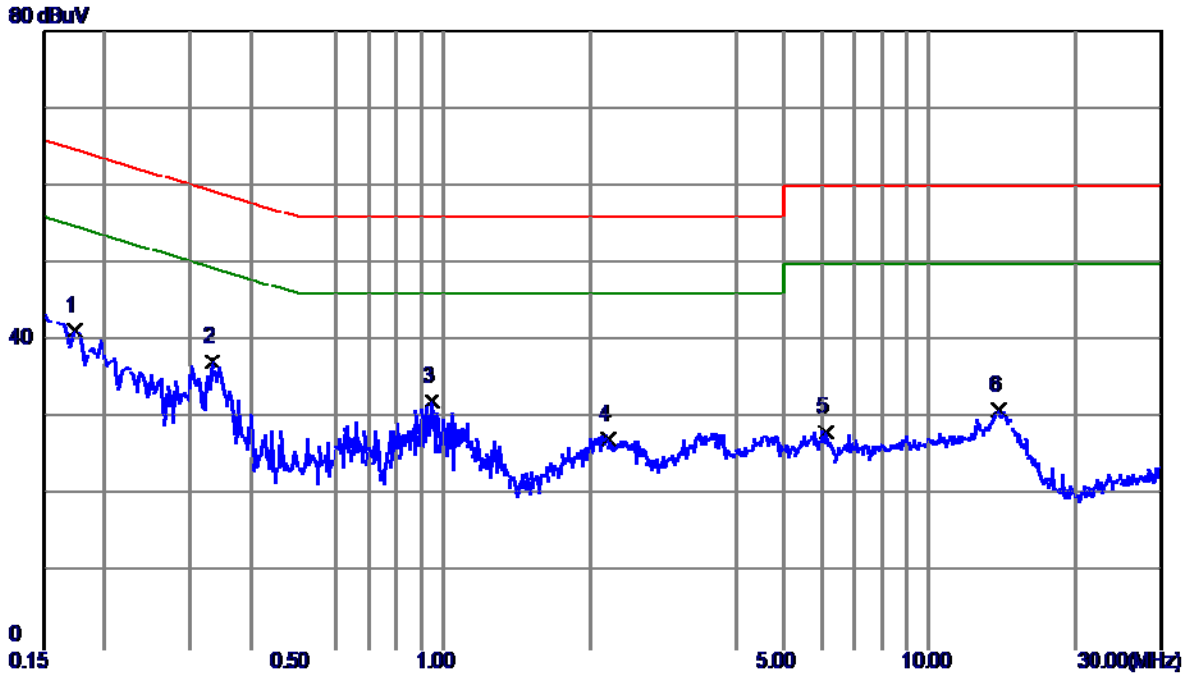
Frequency Stability Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Sep. 04, 2017
2	Precision Oven Tester	HOLINK	H-T-1F-D	BA03101701	May 22, 2017

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

# ATTACHMENT A - CONDUCTED EMISSION

Test Mode: TX MODE

Line

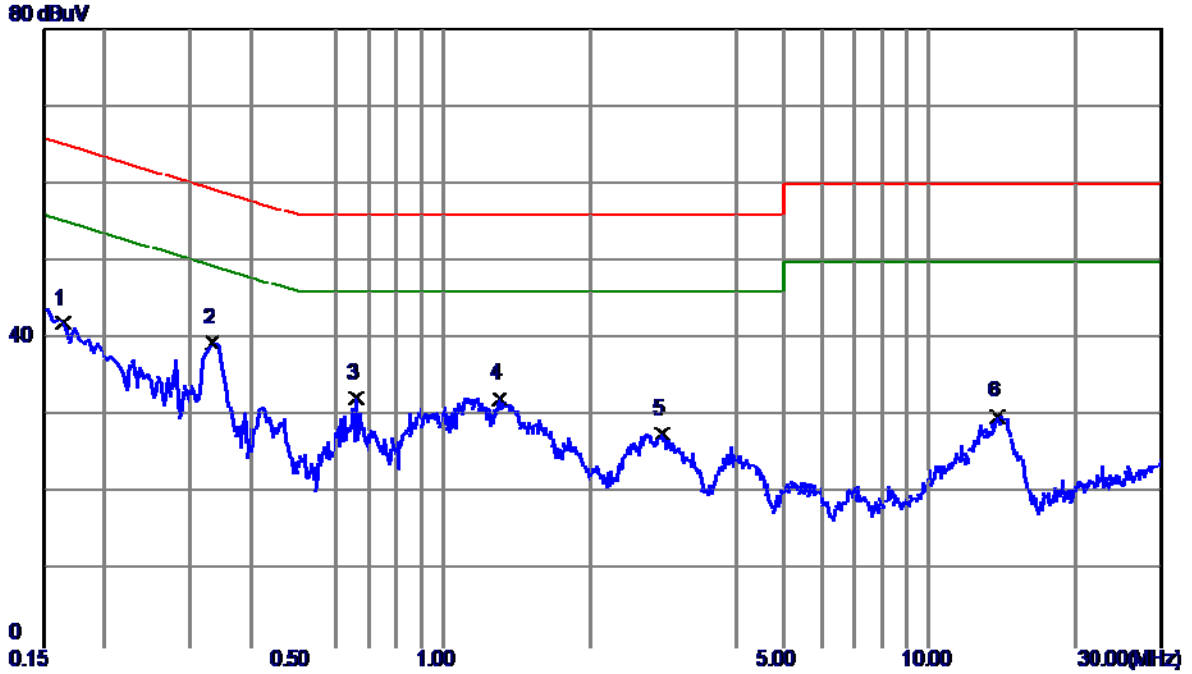


No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	0.1740	31.70	9.52	41.22	64.77	-23.55	Peak	
2 *	0.3339	27.70	9.53	37.23	59.35	-22.12	Peak	
3	0.9460	22.45	9.76	32.21	56.00	-23.79	Peak	
4	2.1860	17.19	9.96	27.15	56.00	-28.85	Peak	
5	6.1180	18.09	10.08	28.17	60.00	-31.83	Peak	
6	13.8820	20.64	10.33	30.97	60.00	-29.03	Peak	

Note : The test result has included the cable loss.

Test Mode: TX MODE

**Neutral**



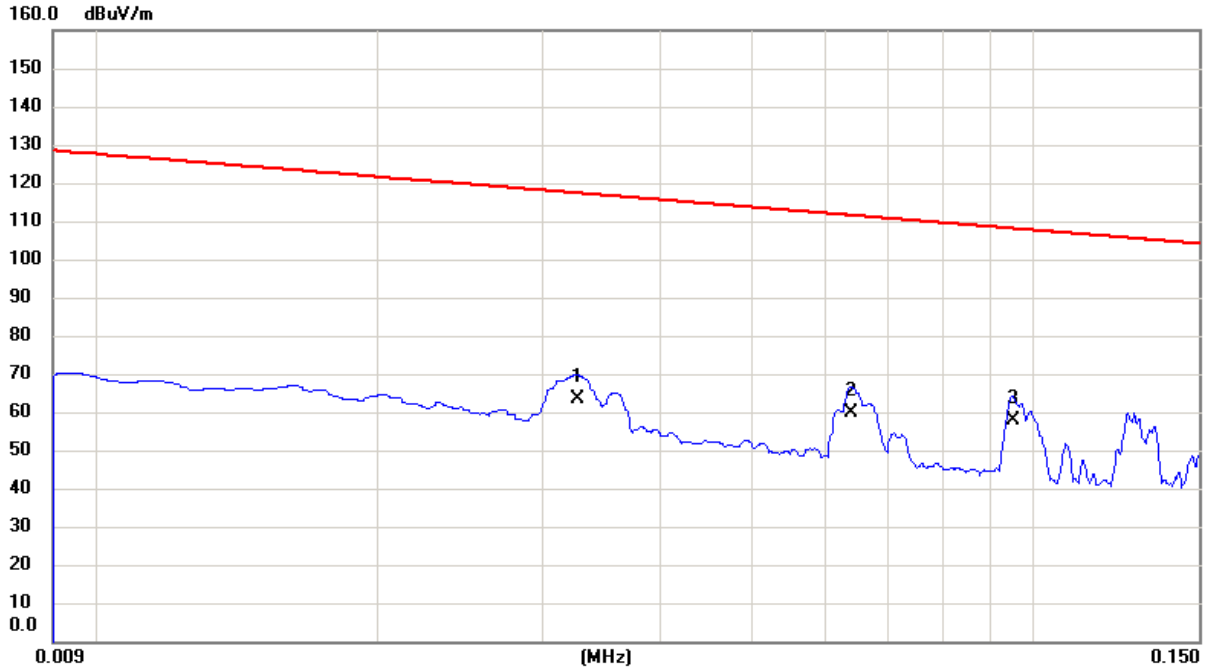
No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	0.1650	32.55	9.45	42.00	65.21	-23.21	Peak	
2 *	0.3339	29.92	9.53	39.45	59.35	-19.90	Peak	
3	0.6620	22.91	9.45	32.36	56.00	-23.64	Peak	
4	1.3020	22.57	9.67	32.24	56.00	-23.76	Peak	
5	2.8100	17.92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

Note : The test result has included the cable loss.

## ATTACHMENTB -RADIATED EMISSION (9KHZ TO 30MHZ)

Test Mode: TX MODE

Ant 0°

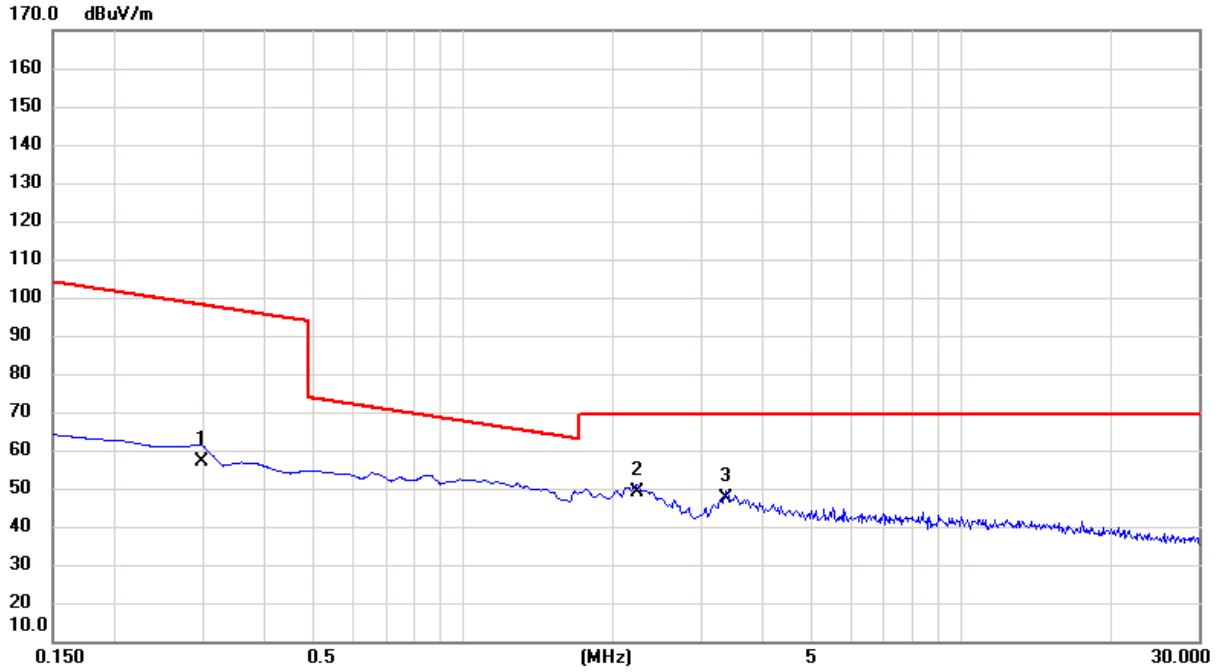


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	0.0326	41.24	21.97	63.21	122.67	-59.46	AVG	
2	0.0640	40.11	19.66	59.77	114.91	-55.14	AVG	
3 *	0.0952	39.34	18.64	57.98	108.06	-50.08	AVG	



Test Mode: TX MODE

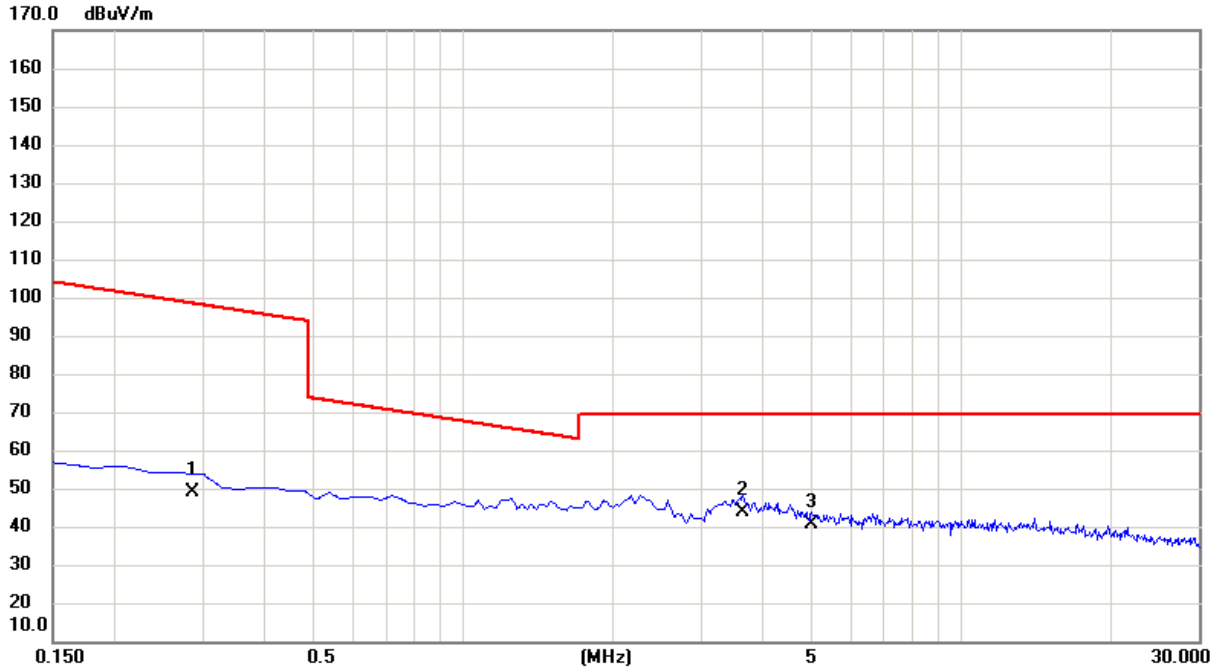
Ant 0°



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

Test Mode: TX MODE

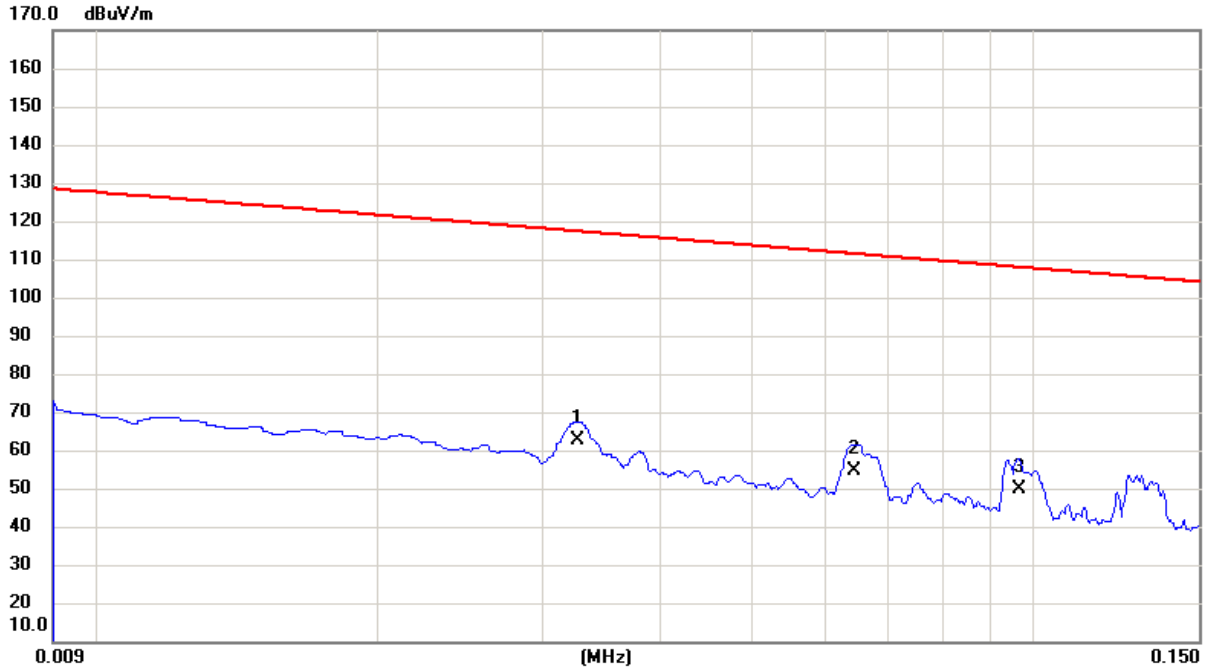
Ant 90°



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	0.0326	40.75	21.97	62.72	122.67	-59.95	AVG	
2	0.0643	35.15	19.65	54.80	114.84	-60.04	AVG	
3 *	0.0966	31.24	18.58	49.82	107.94	-58.12	AVG	

Test Mode: TX MODE

Ant 90°

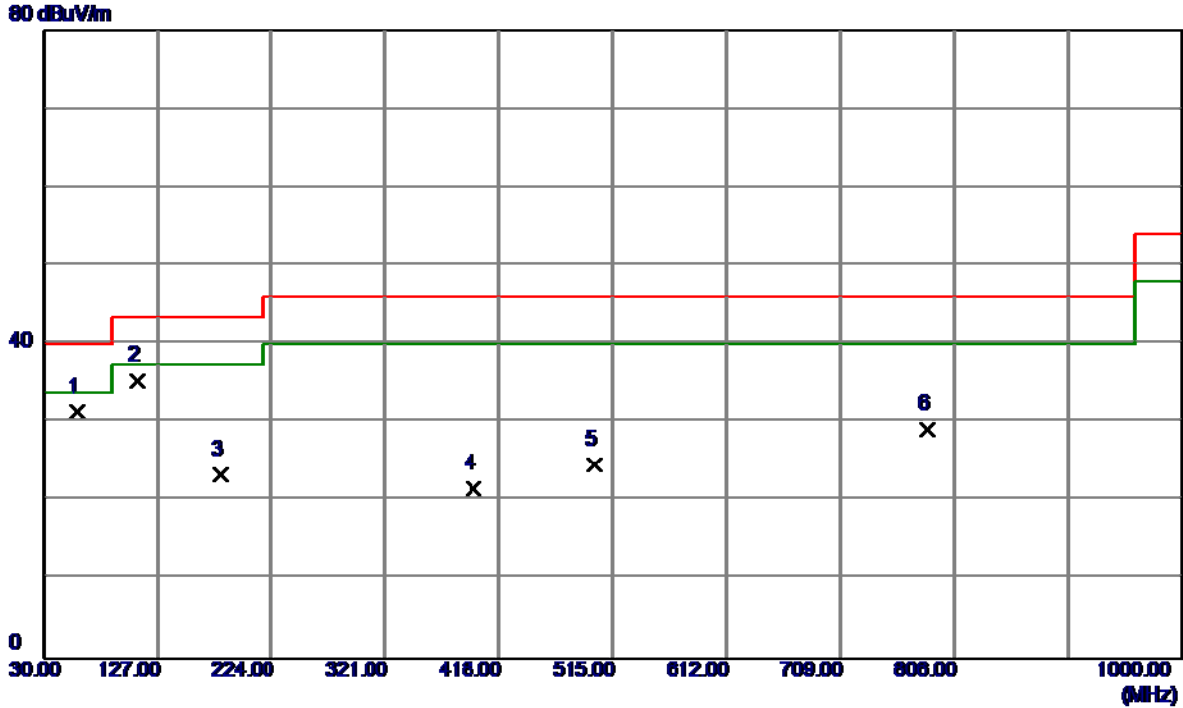


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	0.2863	30.27	18.61	48.88	100.76	-51.88	AVG	
2 *	3.6425	25.72	18.00	43.72	69.54	-25.82	QP	
3	5.0156	24.01	16.68	40.69	69.54	-28.85	QP	

**ATTACHMENTC -RADIATED EMISSION (30MHZ TO 1000MHZ)**

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

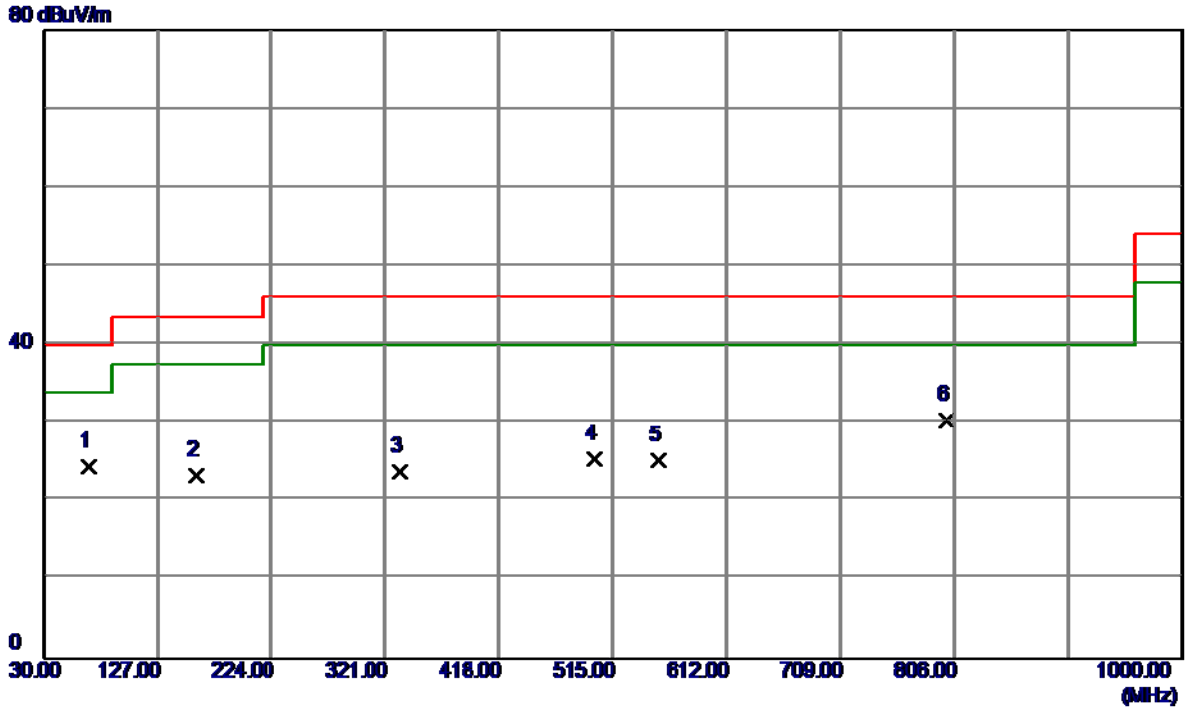
**Vertical**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	58.6150	45.16	-13.80	31.36	40.00	-8.64	Peak	
2 *	110.0250	50.08	-14.66	35.42	43.50	-8.08	Peak	
3	180.8350	36.24	-12.93	23.31	43.50	-20.19	Peak	
4	396.6600	29.56	-8.01	21.55	46.00	-24.45	Peak	
5	499.9650	34.42	-9.72	24.70	46.00	-21.30	Peak	
6	783.2050	29.60	-0.49	29.11	46.00	-16.89	Peak	

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

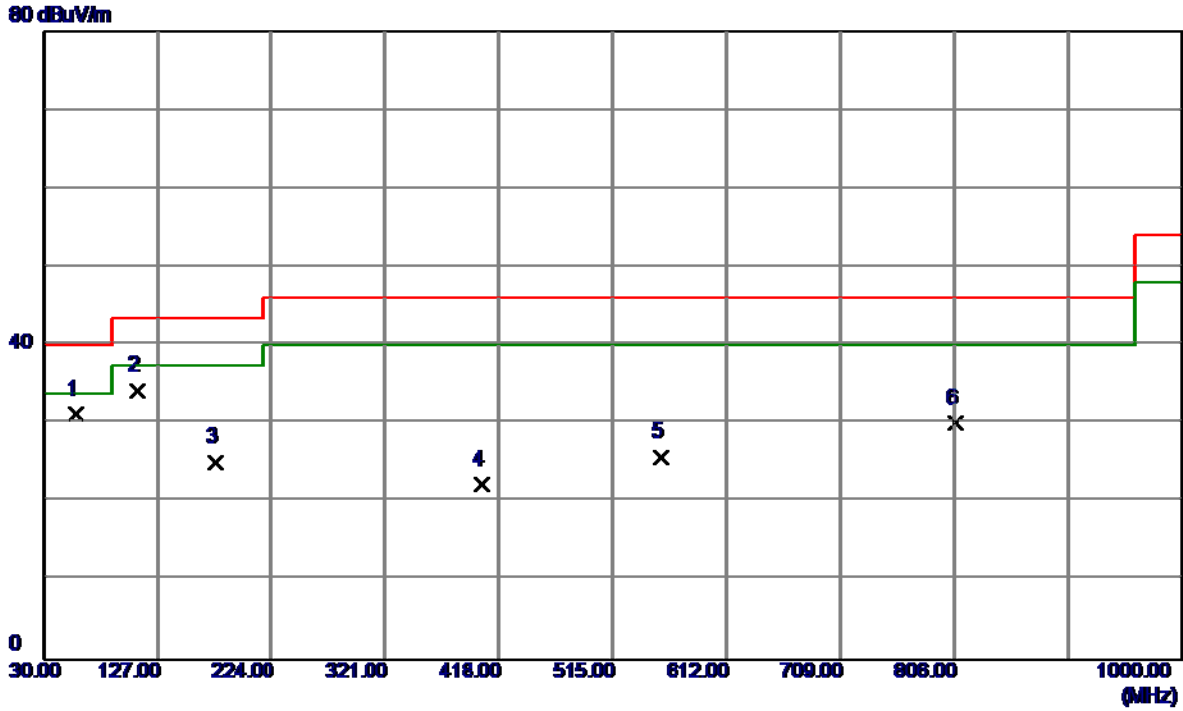
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	69.2850	40.87	-16.33	24.54	40.00	-15.46	Peak	
2	160.4650	35.57	-12.15	23.42	43.50	-20.08	Peak	
3	334.0950	34.79	-10.88	23.91	46.00	-22.09	Peak	
4	499.9650	35.17	-9.72	25.45	46.00	-20.55	Peak	
5	554.2849	29.99	-4.76	25.23	46.00	-20.77	Peak	
6	799.2100	30.24	0.22	30.46	46.00	-15.54	Peak	

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

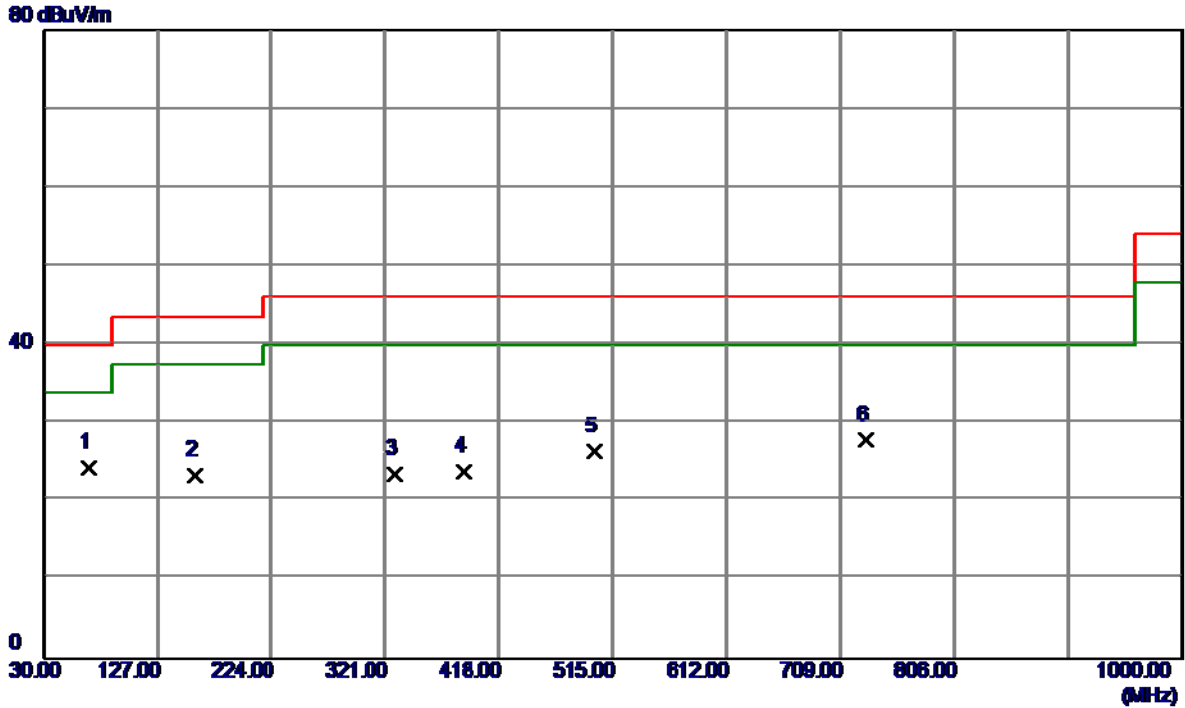
**Vertical**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	58.1300	44.99	-13.83	31.16	40.00	-8.84	Peak	
2	109.5400	48.94	-14.69	34.25	43.50	-9.25	Peak	
3	176.4700	37.74	-12.63	25.11	43.50	-18.39	Peak	
4	404.4200	30.04	-7.80	22.24	46.00	-23.76	Peak	
5	556.2250	30.64	-4.85	25.79	46.00	-20.21	Peak	
6	807.4550	29.99	0.03	30.02	46.00	-15.98	Peak	

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

Horizontal

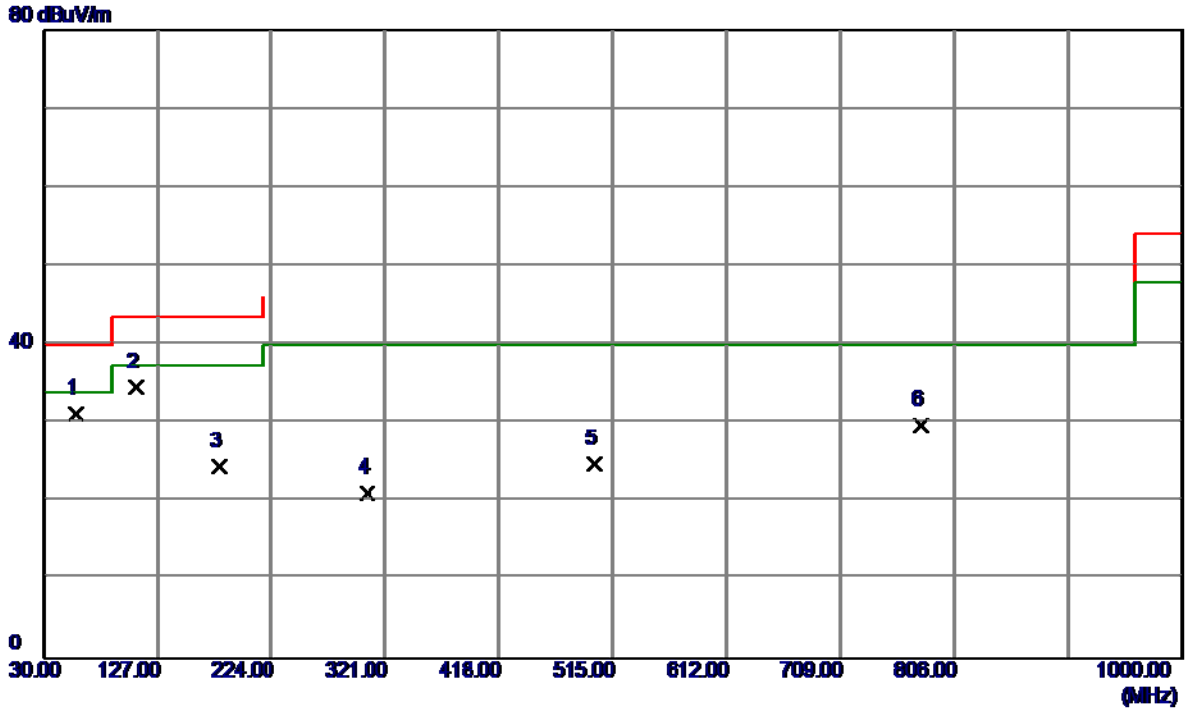


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	69.2850	40.61	-16.33	24.28	40.00	-15.72	Peak	
2	159.0100	35.52	-12.23	23.29	43.50	-20.21	Peak	
3	329.7300	34.38	-10.79	23.59	46.00	-22.41	Peak	
4	387.4450	32.48	-8.64	23.84	46.00	-22.16	Peak	
5	499.9650	36.08	-9.72	26.36	46.00	-19.64	Peak	
6	730.3400	29.93	-2.02	27.91	46.00	-18.09	Peak	



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

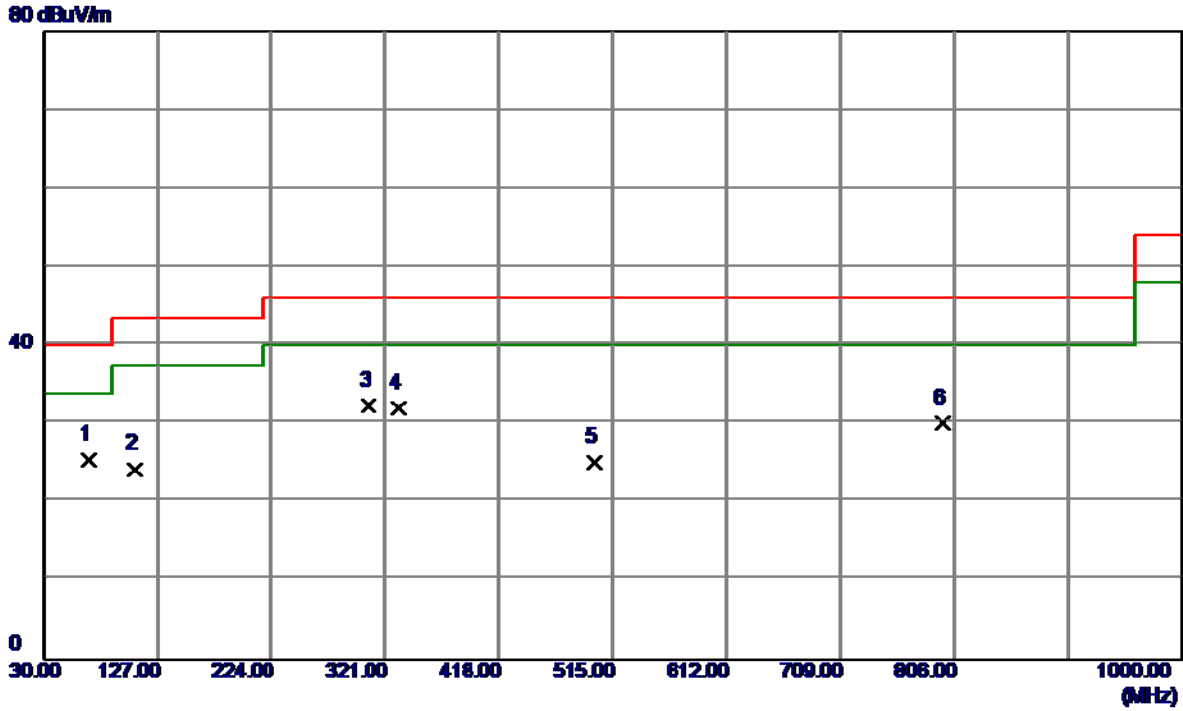
**Vertical**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	58.1300	45.08	-13.83	31.25	40.00	-8.75	Peak	
2	108.5700	49.40	-14.77	34.63	43.50	-8.87	Peak	
3	179.3800	37.34	-12.80	24.54	43.50	-18.96	Peak	
4	305.4800	31.33	-10.28	21.05	46.00	-24.95	Peak	
5	499.9650	34.51	-9.72	24.79	46.00	-21.21	Peak	
6	778.3550	30.53	0.71	29.82	46.00	16.18	Peak	

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

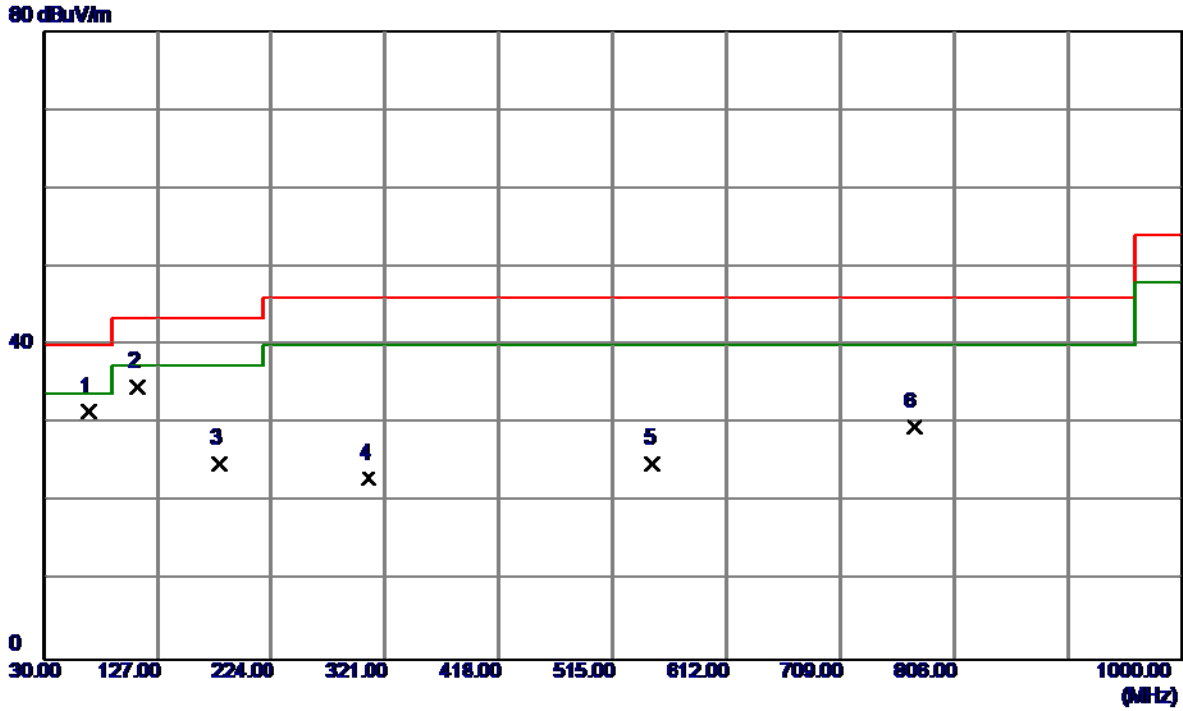
**Horizontal**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	68.8000	41.64	-16.20	25.44	40.00	-14.56	Peak	
2	108.0850	39.05	-14.81	24.24	43.50	-19.26	Peak	
3 *	307.4200	42.59	-10.32	32.27	46.00	-13.73	Peak	
4	332.6400	42.84	-10.85	31.99	46.00	-14.01	Peak	
5	499.9650	34.82	-9.72	25.10	46.00	-20.90	Peak	
6	795.8150	30.07	0.07	30.14	46.00	-15.86	Peak	

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

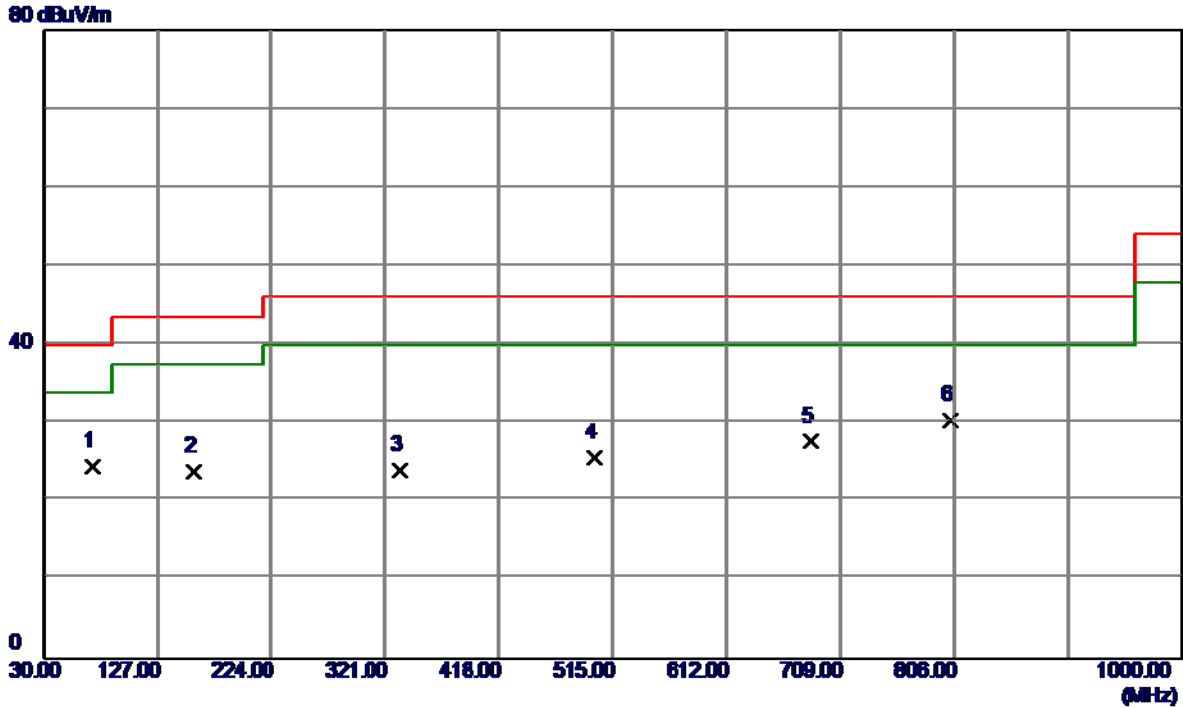
**Vertical**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	68.3150	47.54	-16.07	31.47	40.00	-8.53	Peak	
2	109.5400	49.40	-14.69	34.71	43.50	-8.79	Peak	
3	179.3800	37.71	-12.80	24.91	43.50	-18.59	Peak	
4	307.4200	33.40	-10.32	23.08	46.00	-22.92	Peak	
5	548.9500	29.64	-4.65	24.99	46.00	-21.01	Peak	
6	772.0500	30.56	-0.99	29.57	46.00	-16.43	Peak	

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

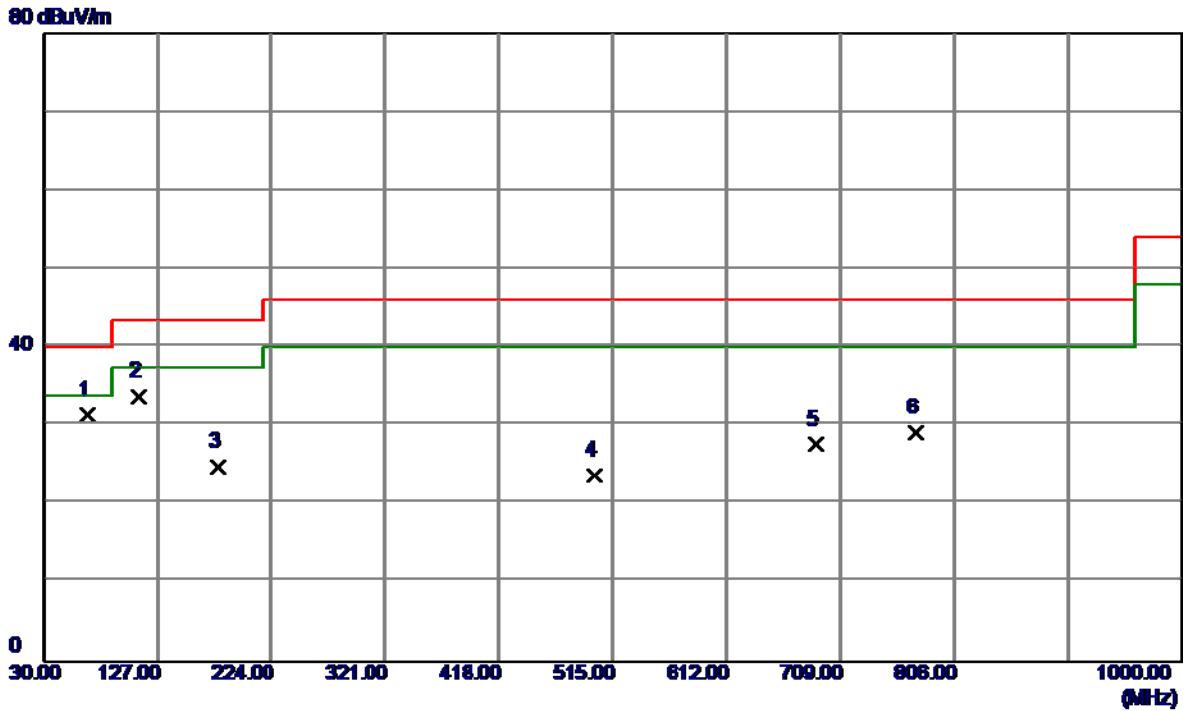
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	72.1950	40.98	-16.55	24.43	40.00	-15.57	Peak	
2	158.0399	36.18	-12.30	23.88	43.50	-19.62	Peak	
3	334.0950	34.84	-10.88	23.96	46.00	-22.04	Peak	
4	499.9650	35.27	-9.72	25.55	46.00	-20.45	Peak	
5	684.2650	30.36	-2.75	27.61	46.00	-18.39	Peak	
6	803.0900	30.25	0.17	30.42	46.00	-15.58	Peak	

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

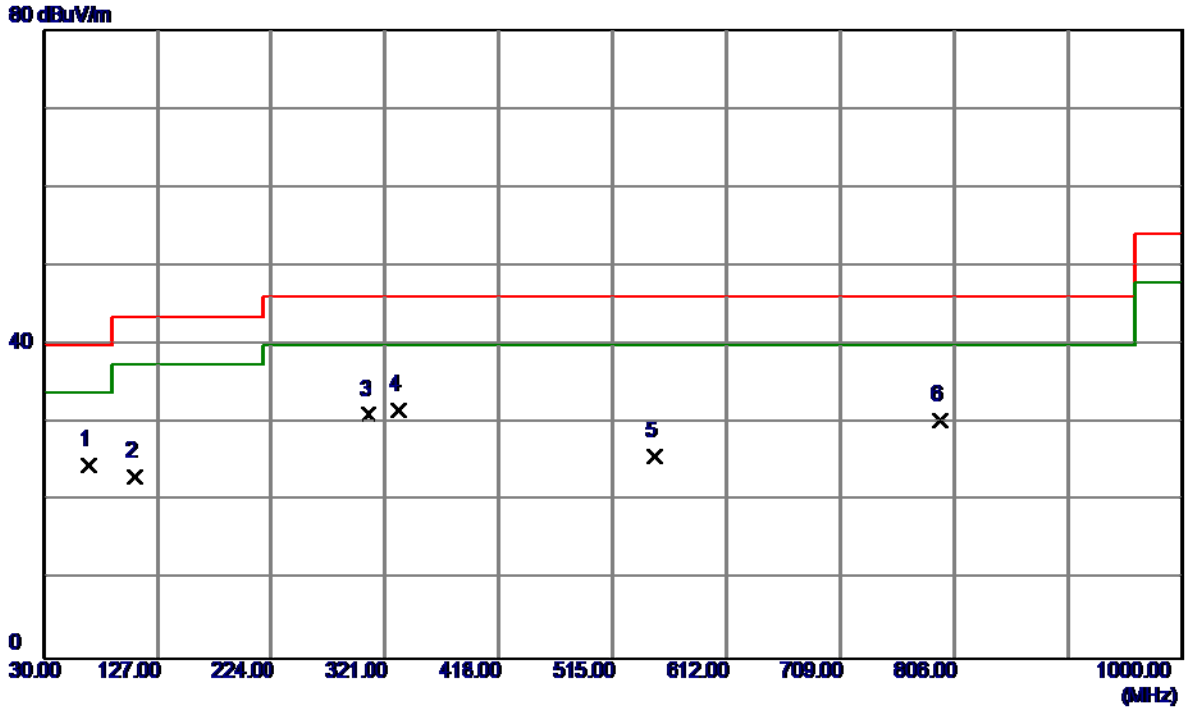
**Vertical**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	67.8300	47.29	-15.94	31.35	40.00	-8.65	Peak	
2	110.5100	48.40	-14.60	33.80	43.50	-9.70	Peak	
3	178.8950	37.52	-12.77	24.75	43.50	-18.75	Peak	
4	499.9650	33.46	-9.72	23.74	46.00	-22.26	Peak	
5	688.6300	30.17	-2.57	27.60	46.00	-18.40	Peak	
6	773.9900	30.08	-0.90	29.18	46.00	-16.82	Peak	

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

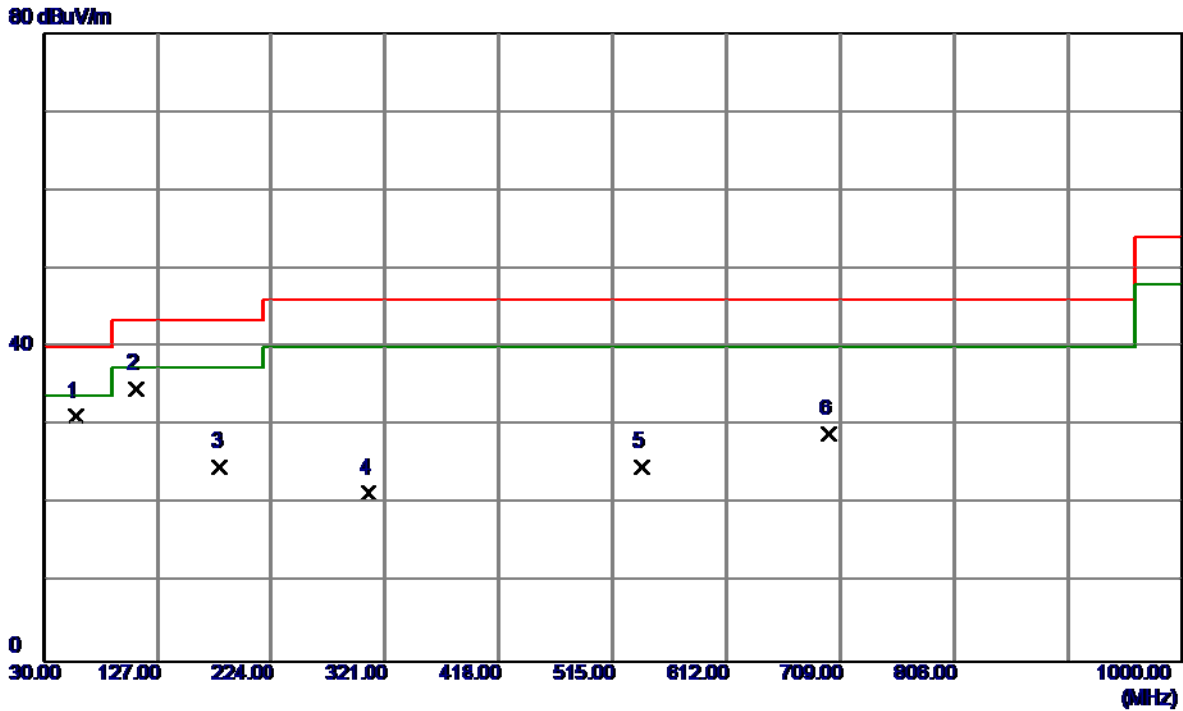
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	69.2850	40.99	-16.33	24.66	40.00	-15.34	Peak	
2	107.1150	38.08	-14.89	23.19	43.50	-20.31	Peak	
3	307.4200	41.44	-10.32	31.12	46.00	-14.88	Peak	
4 *	332.6400	42.48	-10.85	31.63	46.00	-14.37	Peak	
5	550.4050	30.27	-4.56	25.71	46.00	-20.29	Peak	
6	794.3600	30.44	0.01	30.45	46.00	-15.55	Peak	

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

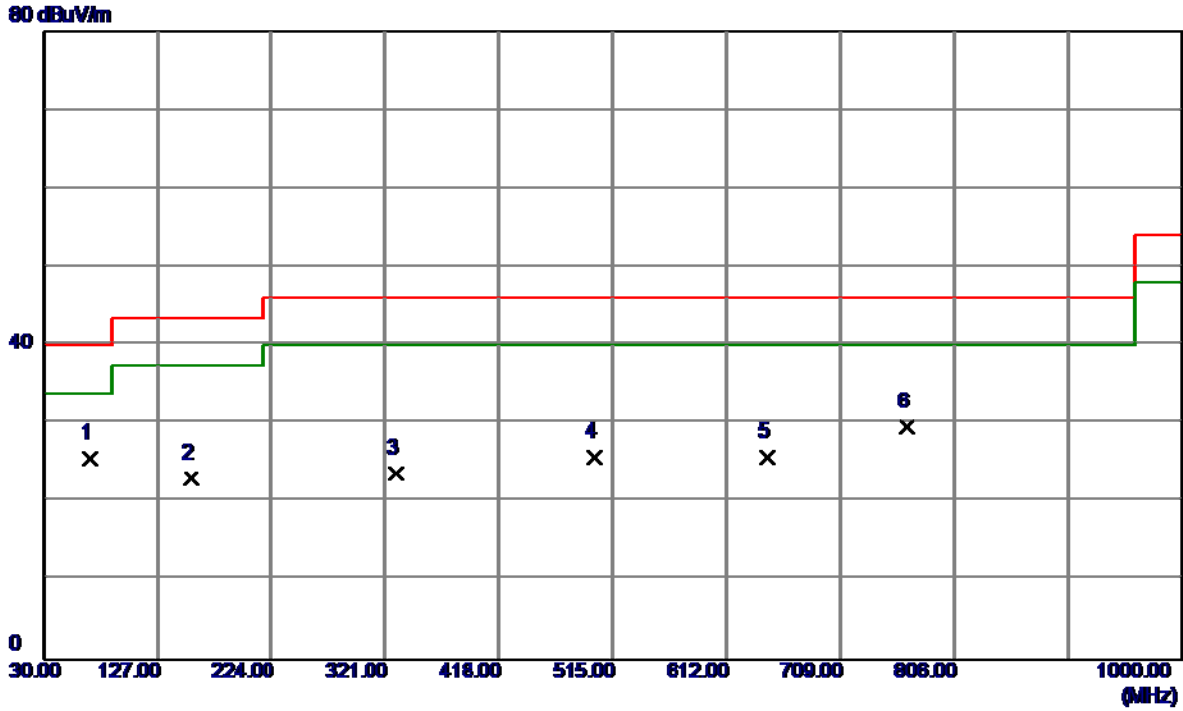
**Vertical**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	58.1300	45.04	-13.83	31.21	40.00	-8.79	Peak	
2 *	109.0550	49.47	-14.73	34.74	43.50	-8.76	Peak	
3	180.3500	37.70	-12.88	24.82	43.50	-18.68	Peak	
4	306.9350	31.80	-10.31	21.49	46.00	-24.51	Peak	
5	540.2199	30.43	-5.55	24.88	46.00	-21.12	Peak	
6	699.3000	31.07	-2.13	28.94	46.00	-17.06	Peak	

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

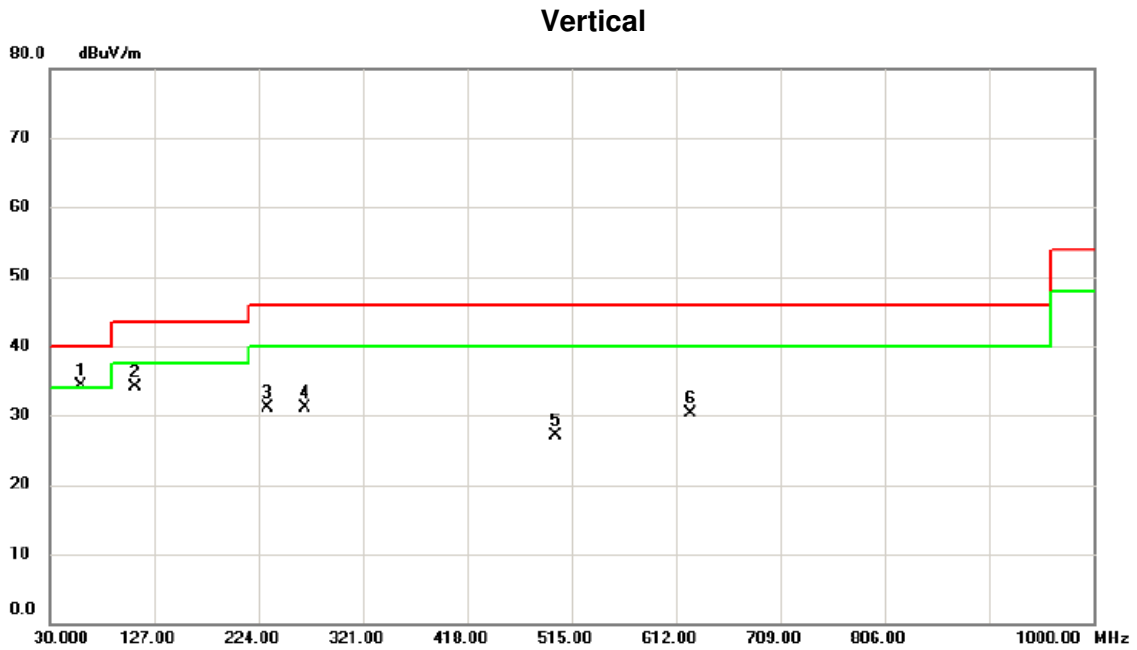
**Horizontal**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	69.7699	42.01	-16.46	25.55	40.00	-14.45	Peak	
2	156.5850	35.47	-12.42	23.05	43.50	-20.45	Peak	
3	331.1850	34.52	-10.82	23.70	46.00	-22.30	Peak	
4	499.9650	35.48	-9.72	25.76	46.00	-20.24	Peak	
5	646.9200	30.17	-4.36	25.81	46.00	-20.19	Peak	
6	766.2300	30.78	-1.25	29.53	46.00	-16.47	Peak	



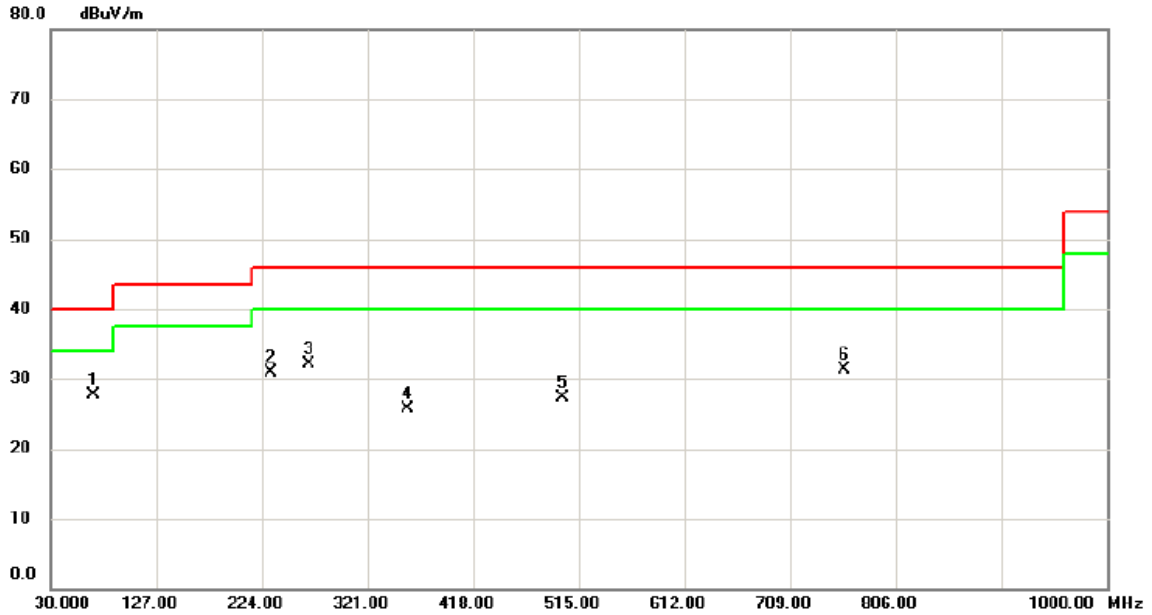
Test Mode: TX AC Wave2(160 MHz) Mode 5290MHz



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	59.100	48.02	-13.78	34.24	40.00	-5.76	peak	
2		109.540	48.78	-14.69	34.09	43.50	-9.41	peak	
3		232.245	44.65	-13.46	31.19	46.00	-14.81	peak	
4		267.650	44.67	-13.60	31.07	46.00	-14.93	peak	
5		499.965	36.84	-9.72	27.12	46.00	-18.88	peak	
6		625.095	36.01	-5.61	30.40	46.00	-15.60	peak	

Test Mode: TX AC Wave2(160 MHz) Mode 5290MHz

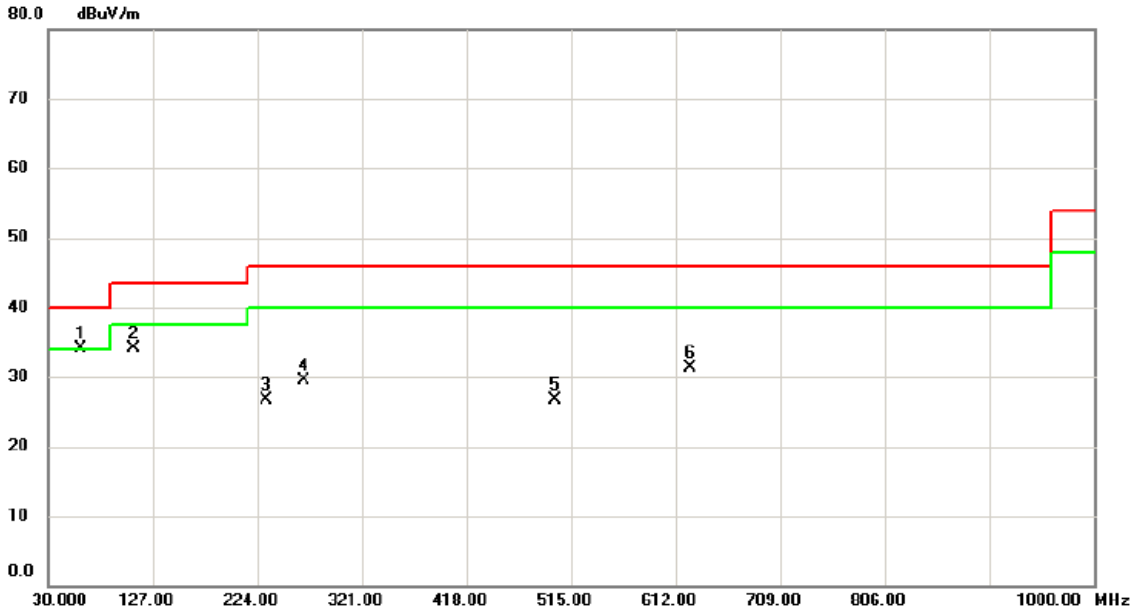
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	68.800	43.85	-16.20	27.65	40.00	-12.35	peak	
2		232.245	44.33	-13.46	30.87	46.00	-15.13	peak	
3		267.650	45.62	-13.60	32.02	46.00	-13.98	peak	
4		358.345	36.39	-10.65	25.74	46.00	-20.26	peak	
5		499.965	37.02	-9.72	27.30	46.00	-18.70	peak	
6		758.955	32.89	-1.57	31.32	46.00	-14.68	peak	

Test Mode: TX AC Wave2(160 MHz) Mode 5610MHz

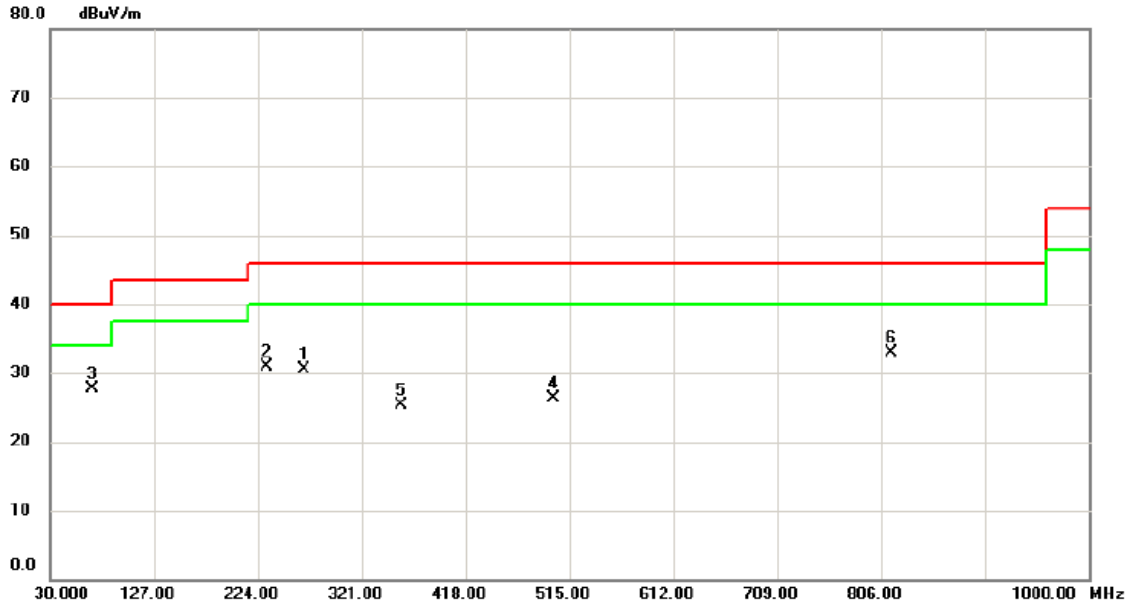
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	60.070	47.78	-13.74	34.04	40.00	-5.96	peak	
2		109.540	48.78	-14.69	34.09	43.50	-9.41	peak	
3		232.245	40.15	-13.46	26.69	46.00	-19.31	peak	
4		267.650	43.17	-13.60	29.57	46.00	-16.43	peak	
5		499.965	36.34	-9.72	26.62	46.00	-19.38	peak	
6		625.095	37.01	-5.61	31.40	46.00	-14.60	peak	

Test Mode: TX AC Wave2(160 MHz) Mode 5610MHz

**Horizontal**

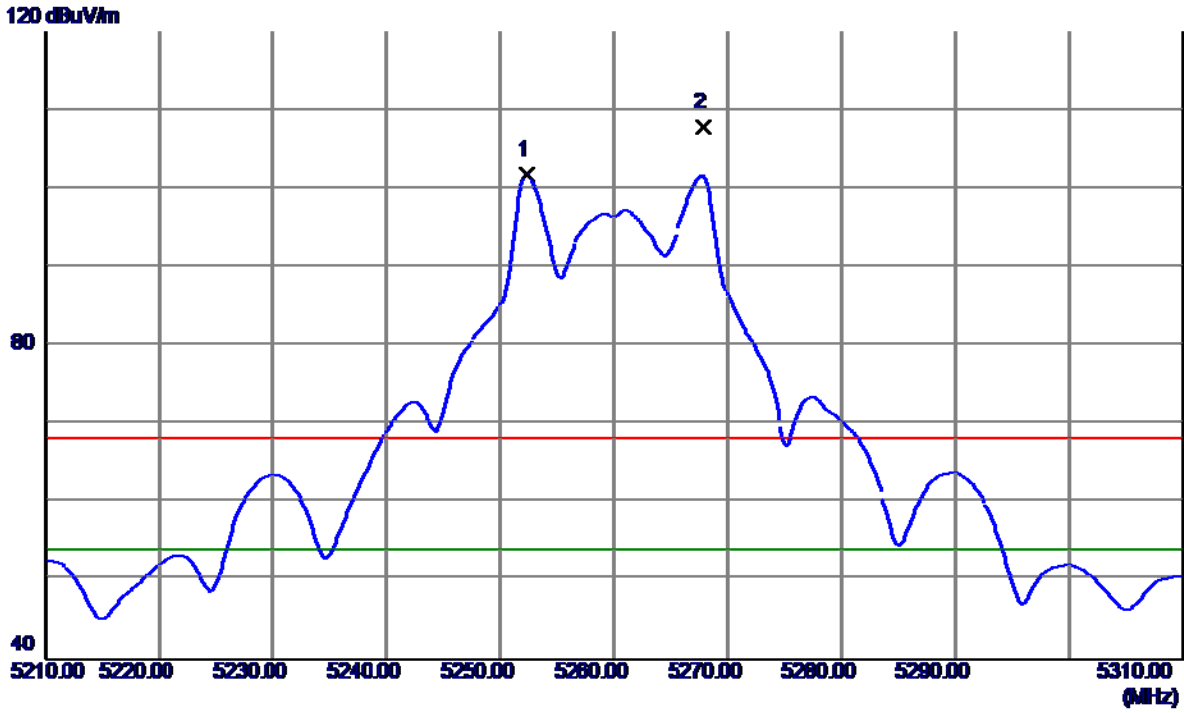


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		267.650	44.12	-13.60	30.52	46.00	-15.48	peak	
2		232.245	44.33	-13.46	30.87	46.00	-15.13	peak	
3	*	68.800	43.85	-16.20	27.65	40.00	-12.35	peak	
4		499.965	36.02	-9.72	26.30	46.00	-19.70	peak	
5		358.345	35.89	-10.65	25.24	46.00	-20.76	peak	
6		815.215	33.19	-0.20	32.99	46.00	-13.01	peak	

**ATTACHMENTD -RADIATED EMISSION (ABOVE 1000MHZ)**

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

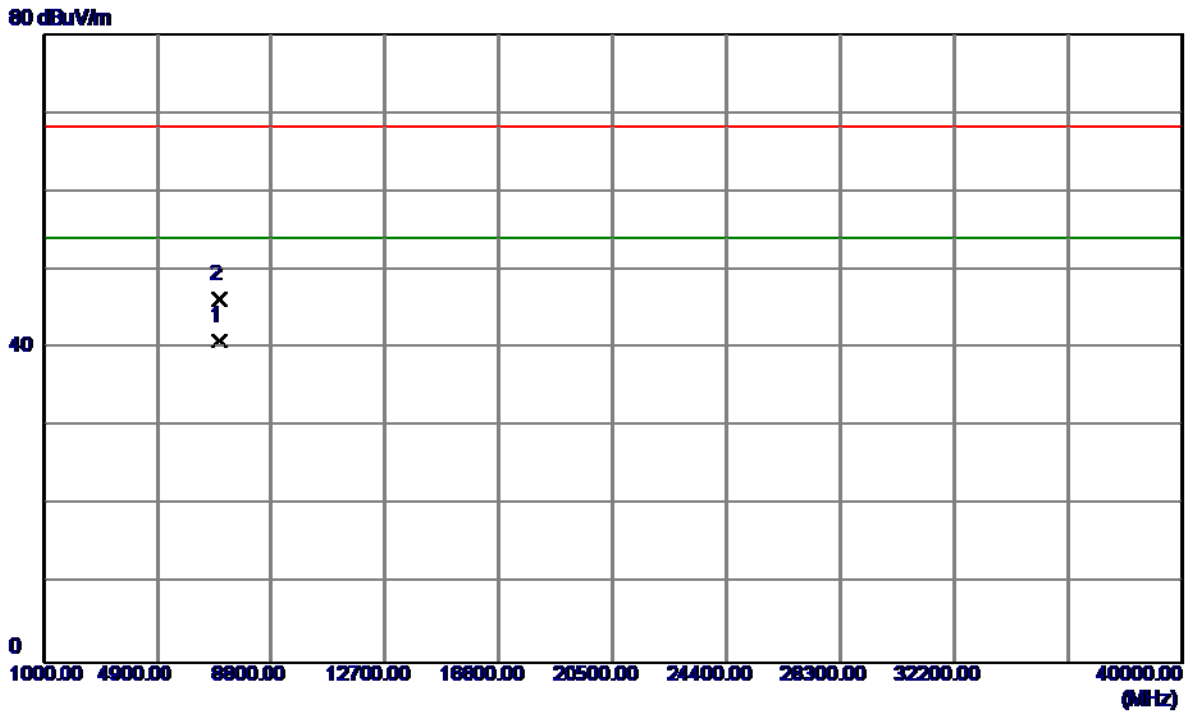
**Vertical**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5252.3000	60.77	40.96	101.73	54.00	47.73	AVG	No Limit
2	5267.9000	66.80	41.01	107.81	68.30	39.51	Peak	No Limit

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

**Vertical**

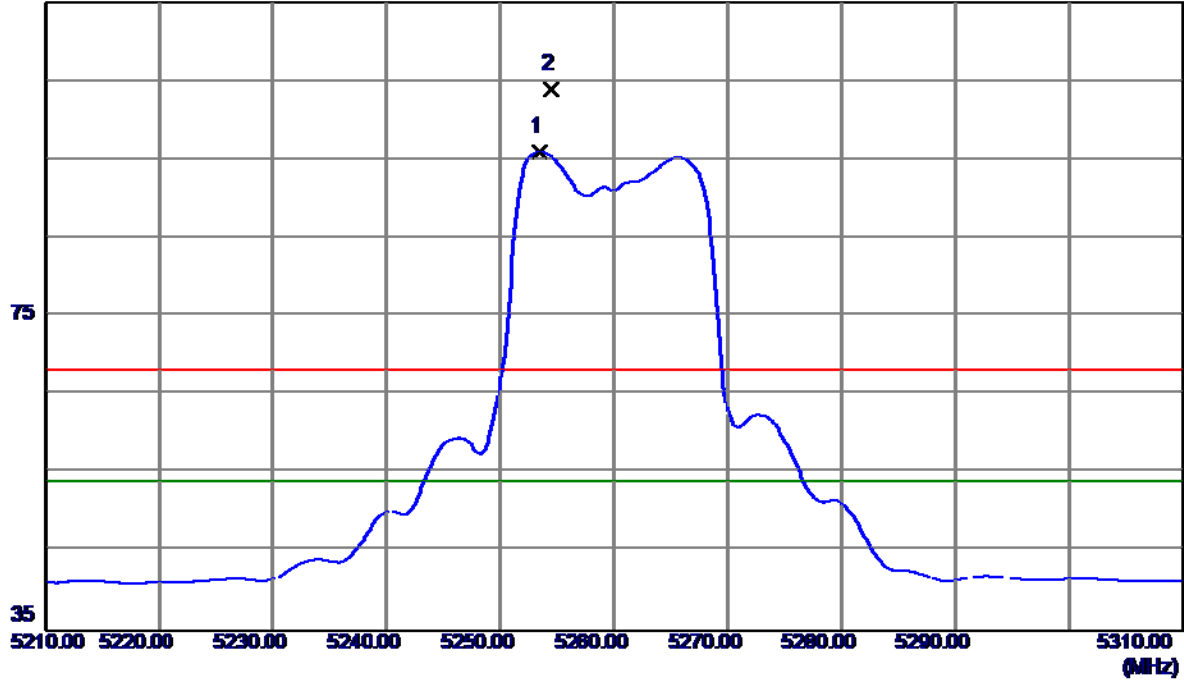


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7013.6700	30.11	10.78	40.89	54.00	-13.11	AVG	
2	7013.7150	35.39	10.78	46.17	68.30	-22.13	Peak	

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

**Horizontal**

115 dBuV/m

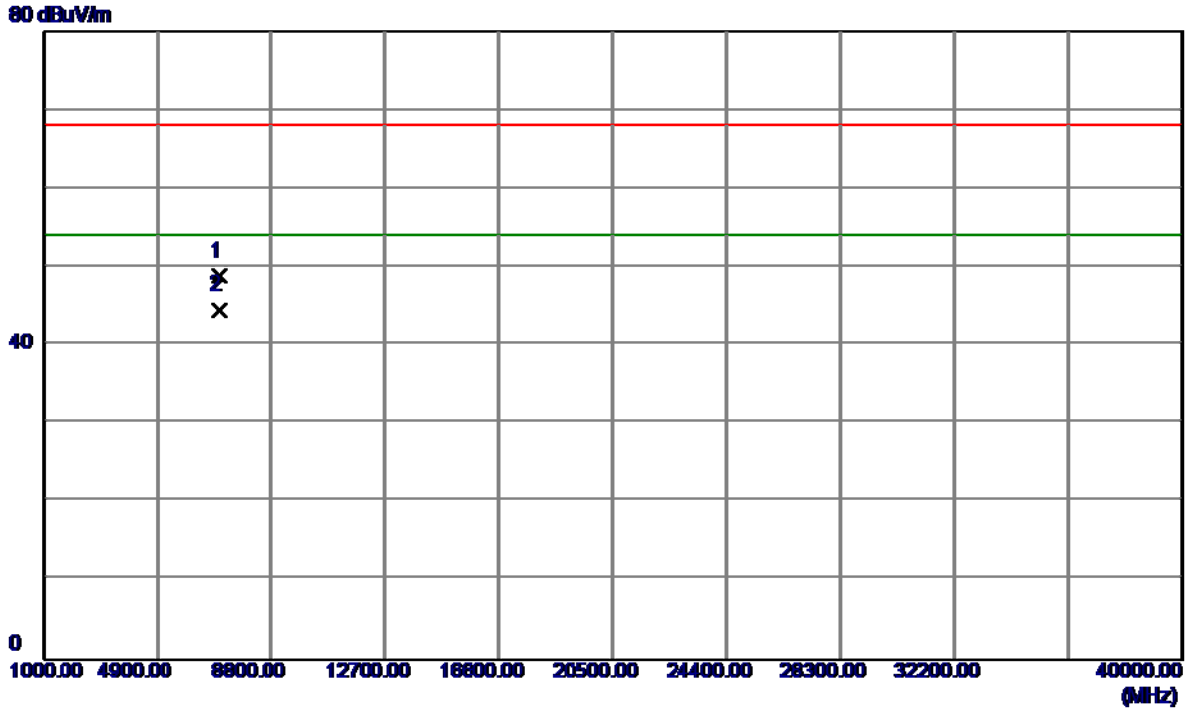


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5253.4500	54.99	40.97	95.96	54.00	41.96	AVG	No Limit
2	5254.4500	62.98	40.97	103.95	68.20	35.75	Peak	No Limit



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

**Horizontal**

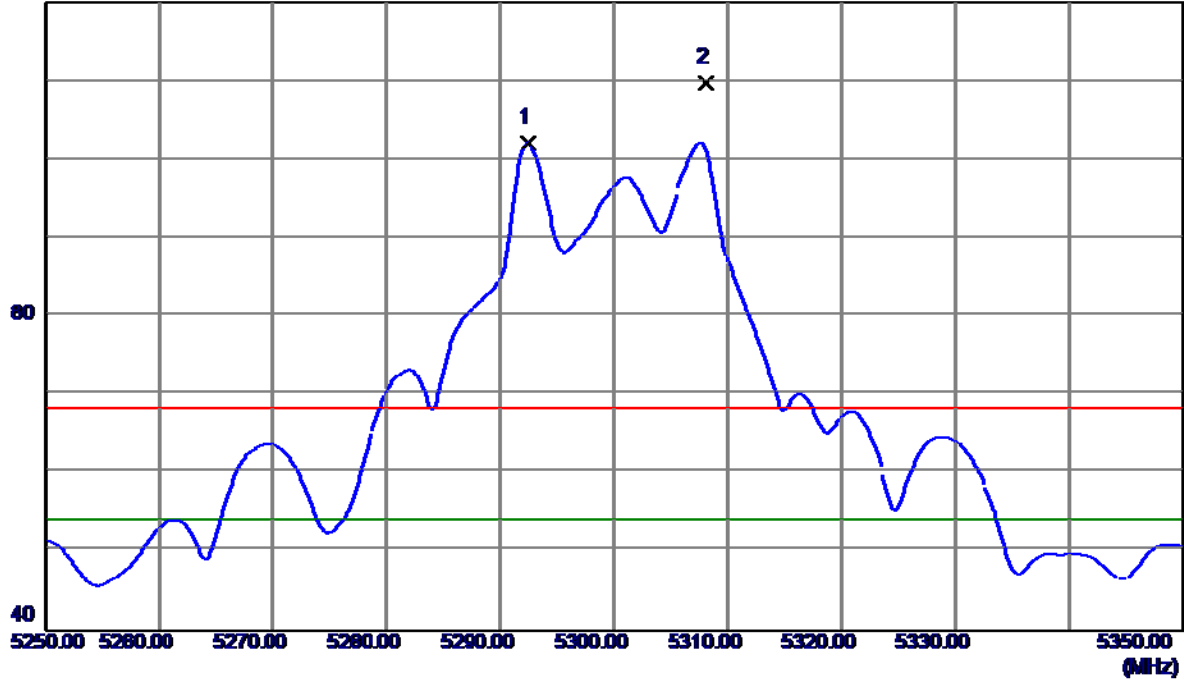


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7013.2730	38.09	10.78	48.87	68.20	-19.33	Peak	
2 *	7013.3350	33.75	10.78	44.53	54.00	-9.47	AVG	

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

**Vertical**

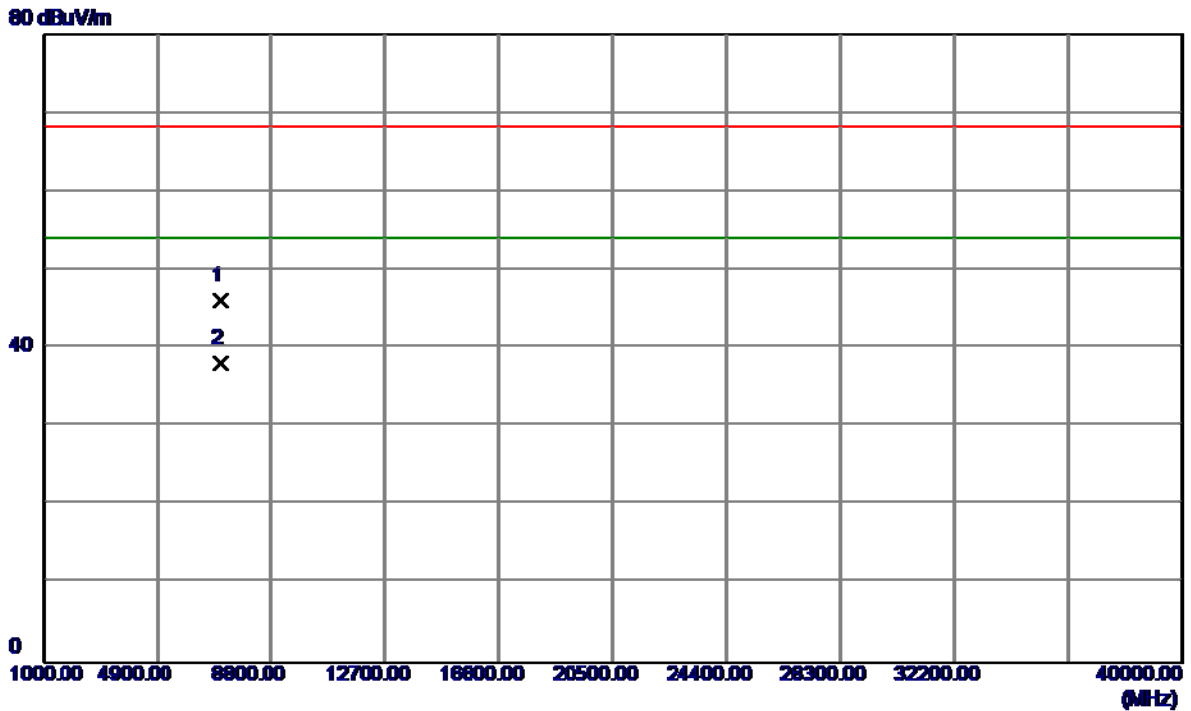
120 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5292.4000	61.07	41.09	102.16	54.00	48.16	AVG	No Limit
2	5308.1000	68.60	41.15	109.75	68.30	41.45	Peak	No Limit

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

**Vertical**

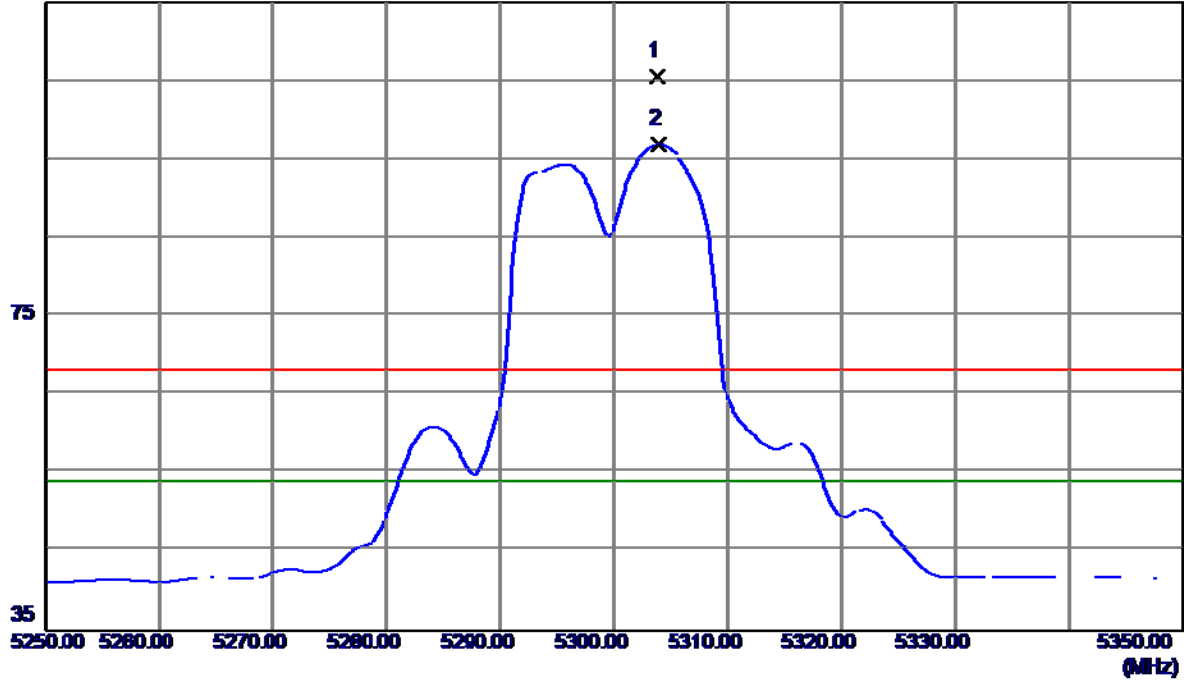


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7066.6150	35.22	10.88	46.10	68.30	-22.20	Peak	
2 *	7066.6650	27.18	10.88	38.06	54.00	-15.94	AVG	

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

**Horizontal**

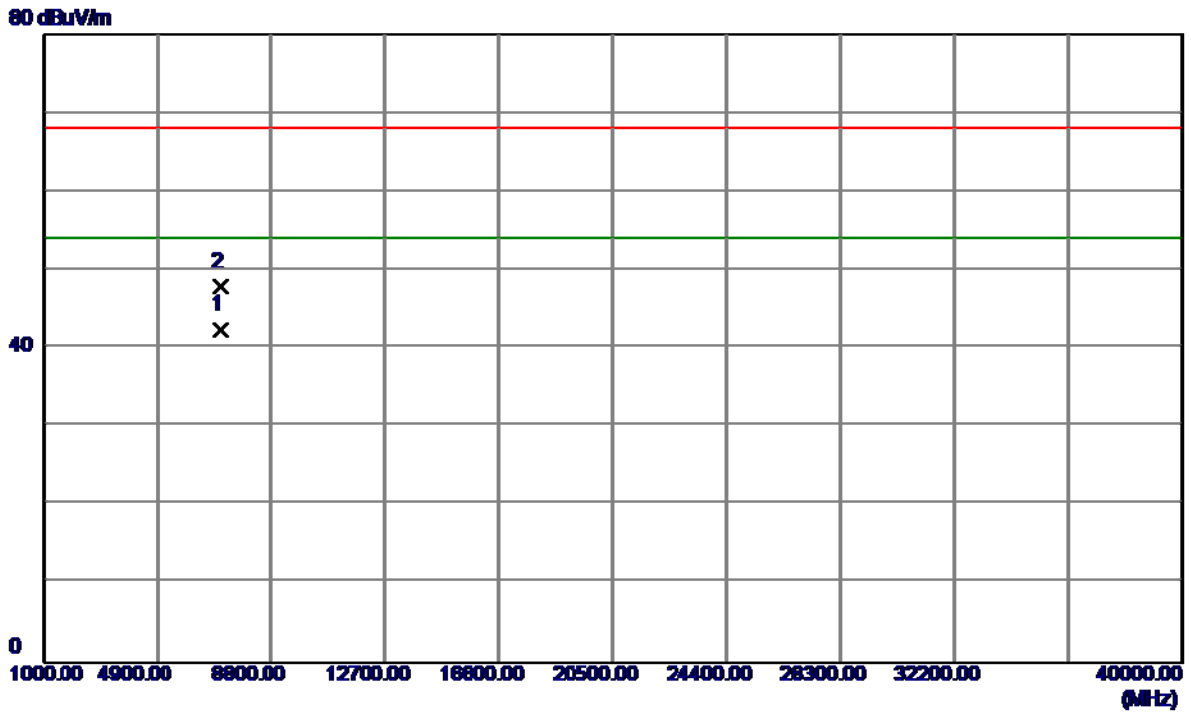
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5303.7500	64.41	41.13	105.54	68.20	37.34	Peak	No Limit
2 *	5303.8500	55.77	41.13	96.90	54.00	42.90	AVG	No Limit

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

### Horizontal

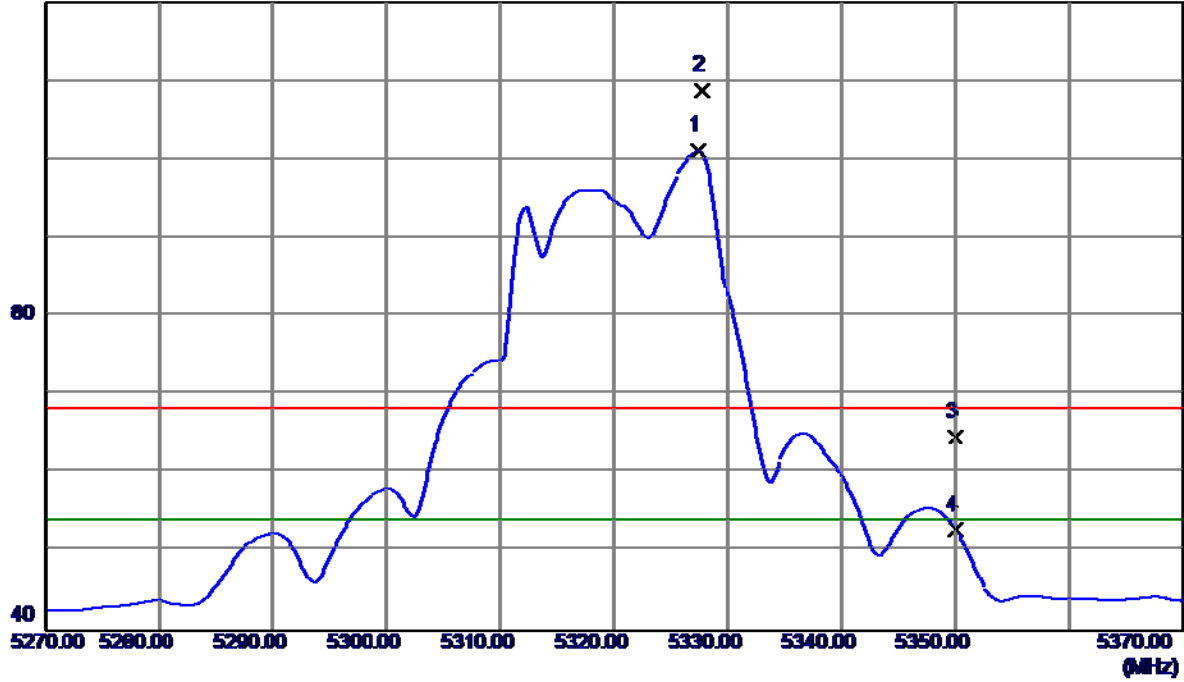


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7066.6420	31.54	10.88	42.42	54.00	-11.58	AVG	
2	7066.6500	36.98	10.88	47.86	68.20	-20.34	Peak	

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

**Vertical**

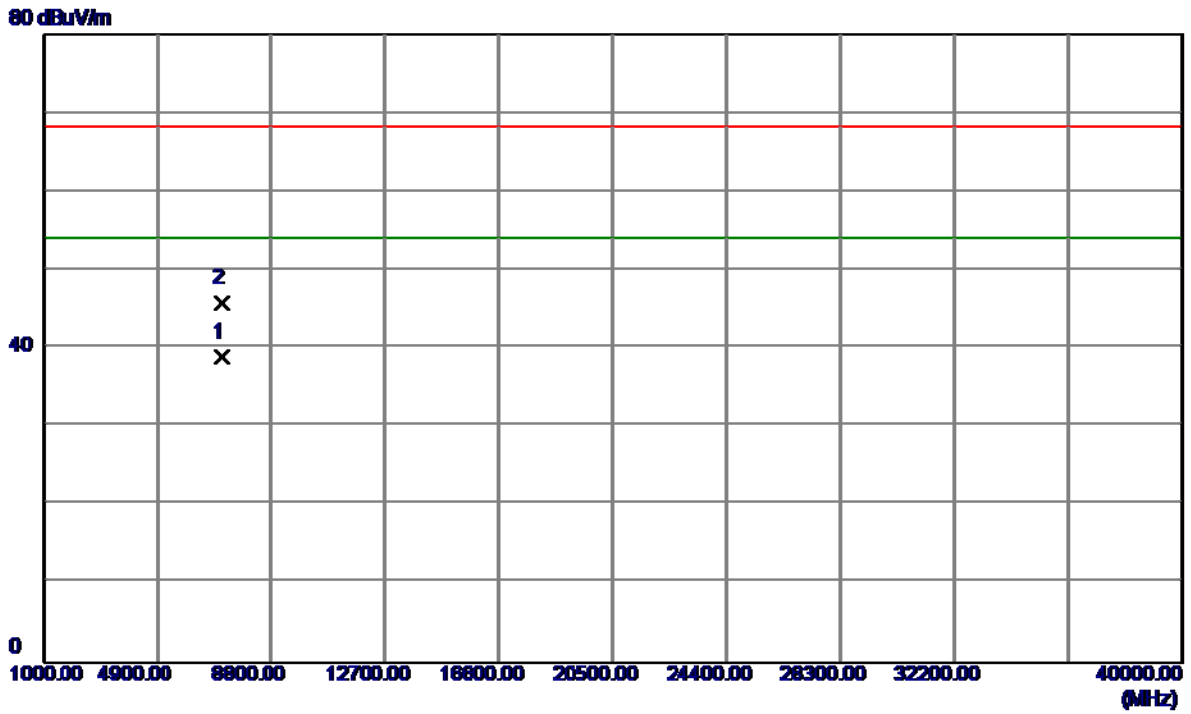
120 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5327.4000	59.90	41.21	101.11	54.00	47.11	AVG	No Limit
2	5327.8000	67.55	41.21	108.76	68.30	40.46	Peak	No Limit
3	5350.0000	23.29	41.28	64.57	68.30	-3.73	Peak	
4	5350.0000	11.56	41.28	52.84	54.00	-1.16	AVG	

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

**Vertical**

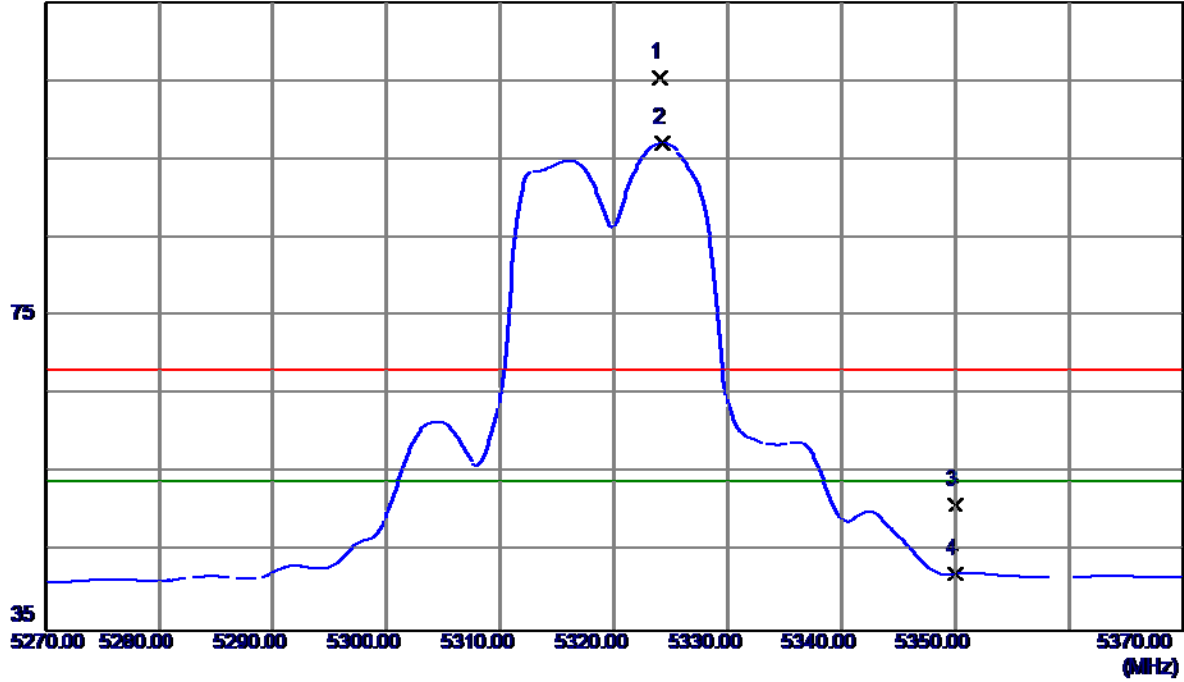


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7093.2750	28.01	10.94	38.95	54.00	-15.05	AVG	
2	7093.4200	34.89	10.94	45.83	68.30	-22.47	Peak	

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

### Horizontal

115 dBuV/m

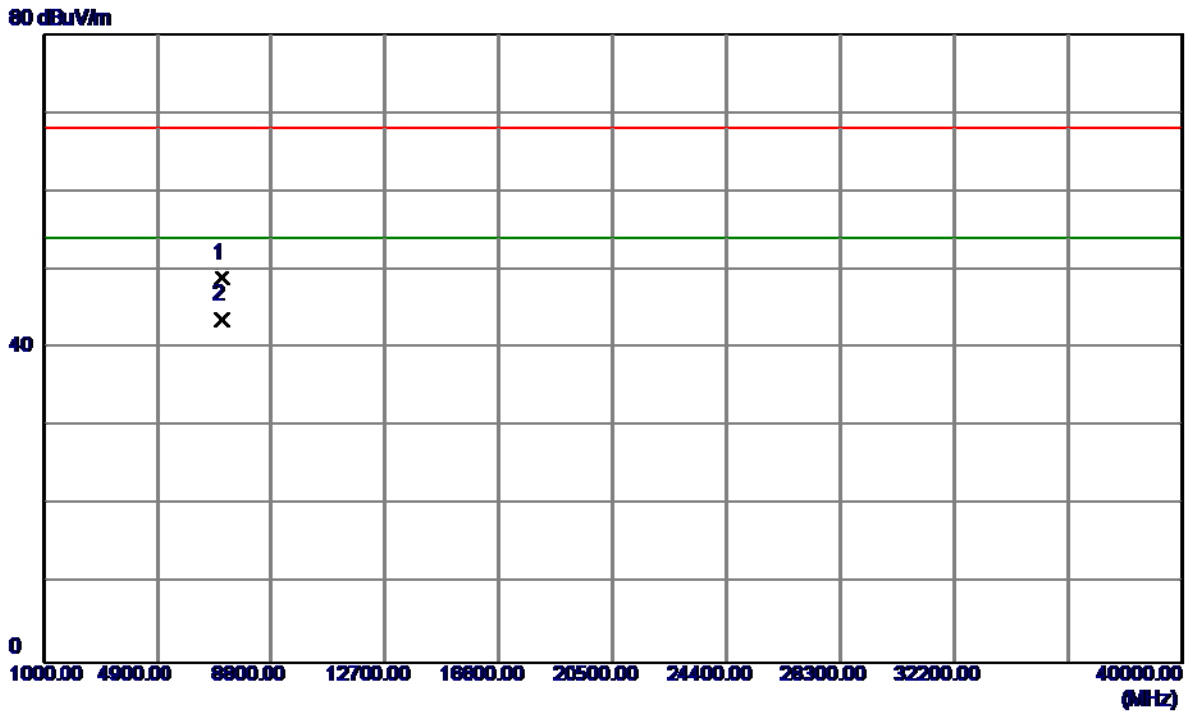


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5324.0000	64.19	41.20	105.39	68.20	37.19	Peak	No Limit
2 *	5324.2000	55.88	41.20	97.08	54.00	43.08	AVG	No Limit
3	5350.0000	9.77	41.28	51.05	68.20	-17.15	Peak	
4	5350.0000	0.98	41.28	42.26	54.00	-11.74	AVG	



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

### Horizontal

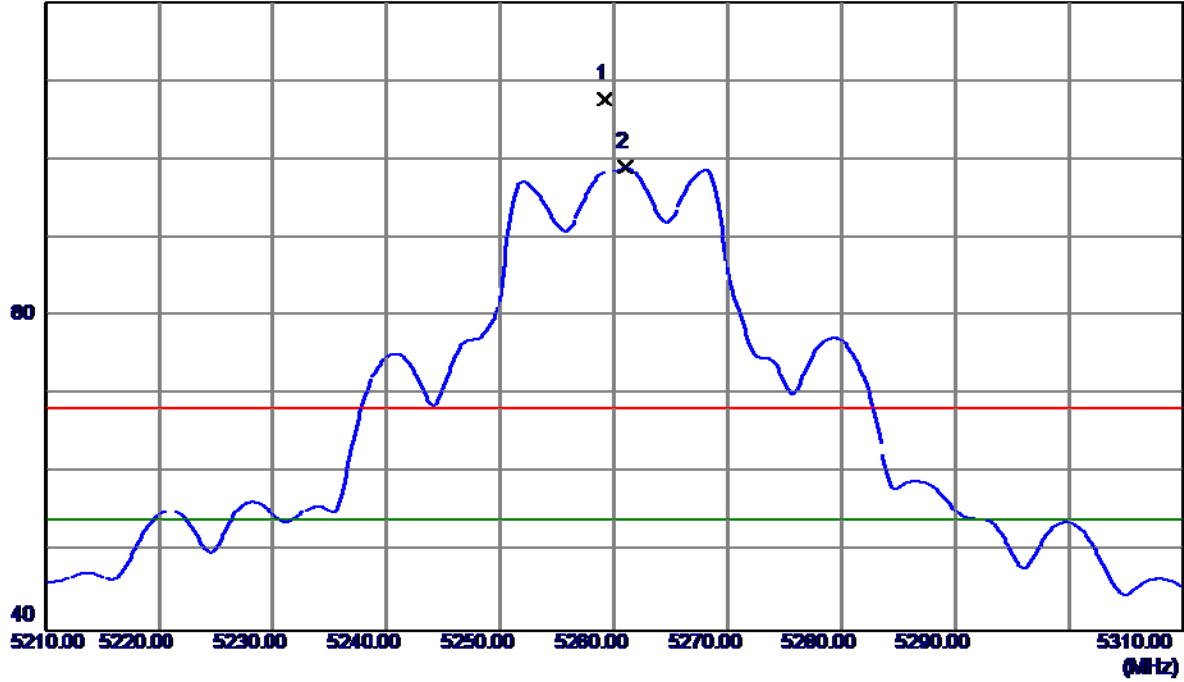


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7093.1780	37.94	10.94	48.88	68.20	-19.32	Peak	
2 *	7093.2830	32.79	10.94	43.73	54.00	-10.27	AVG	

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

**Vertical**

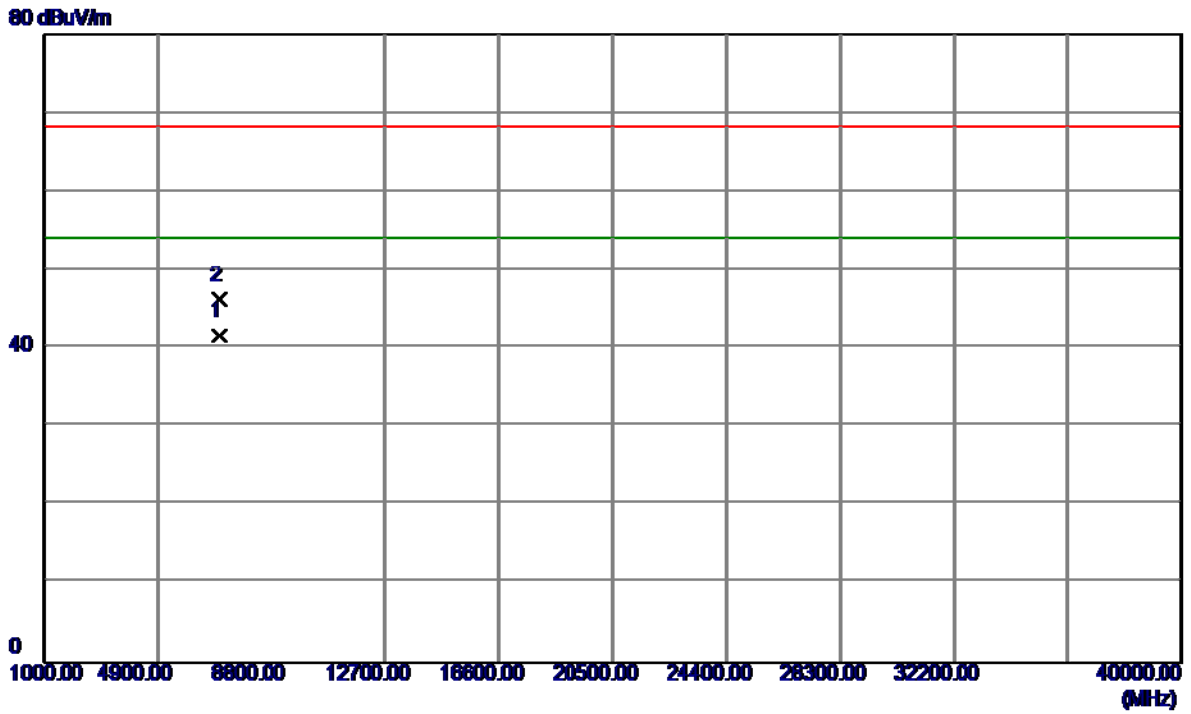
120 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5259.2000	66.74	40.99	107.73	68.30	39.43	Peak	No Limit
2 *	5261.0000	58.01	40.99	99.00	54.00	45.00	AVG	No Limit

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

**Vertical**

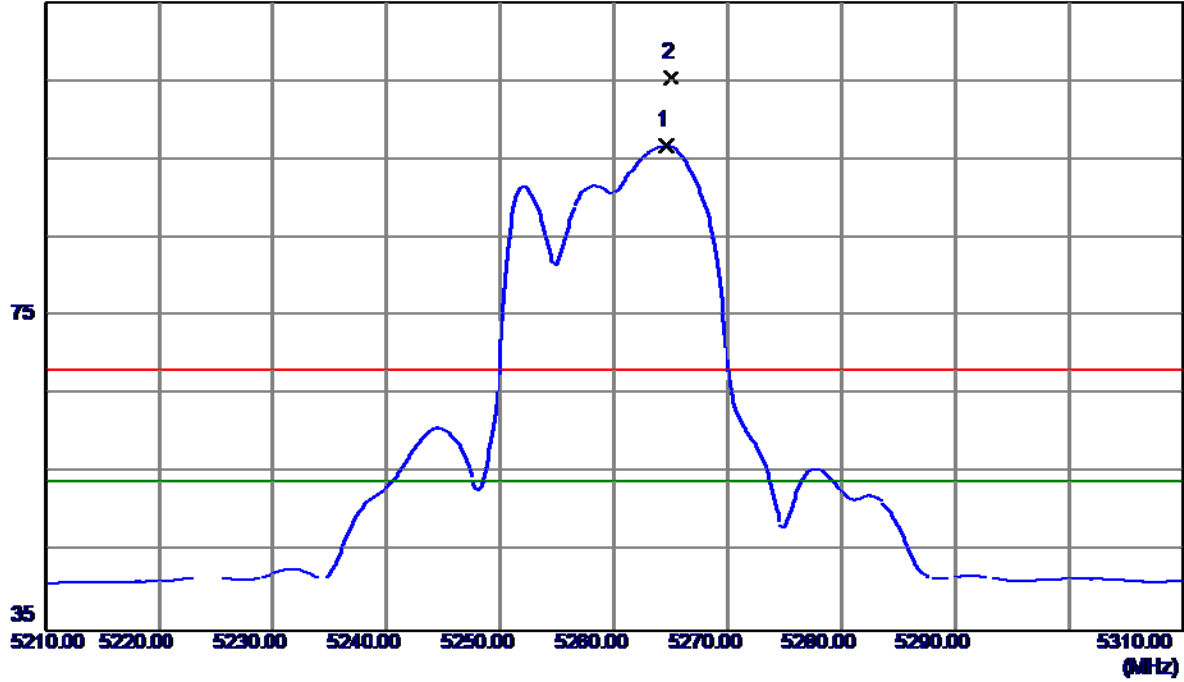


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7013.2950	30.75	10.78	41.53	54.00	-12.47	AVG	
2	7013.4000	35.38	10.78	46.16	68.30	-22.14	Peak	

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

### Horizontal

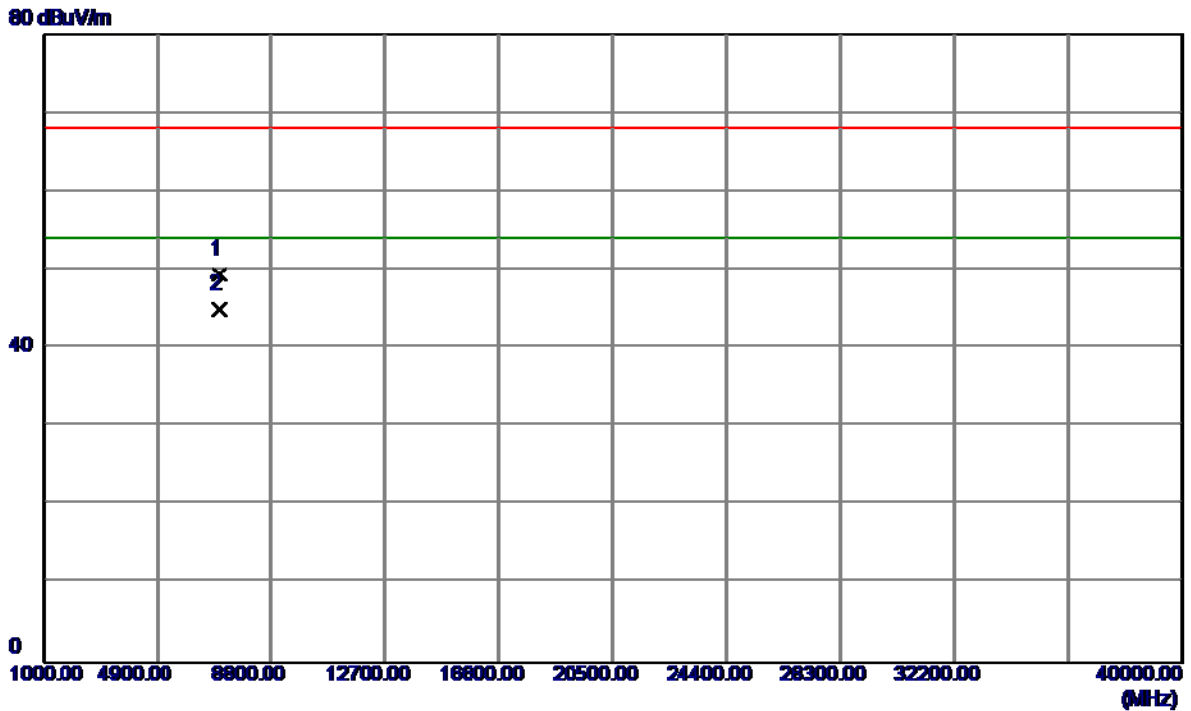
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5264.6000	55.75	41.00	96.75	54.00	42.75	AVG	No Limit
2	5265.0500	64.35	41.00	105.35	68.20	37.15	Peak	No Limit

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

### Horizontal

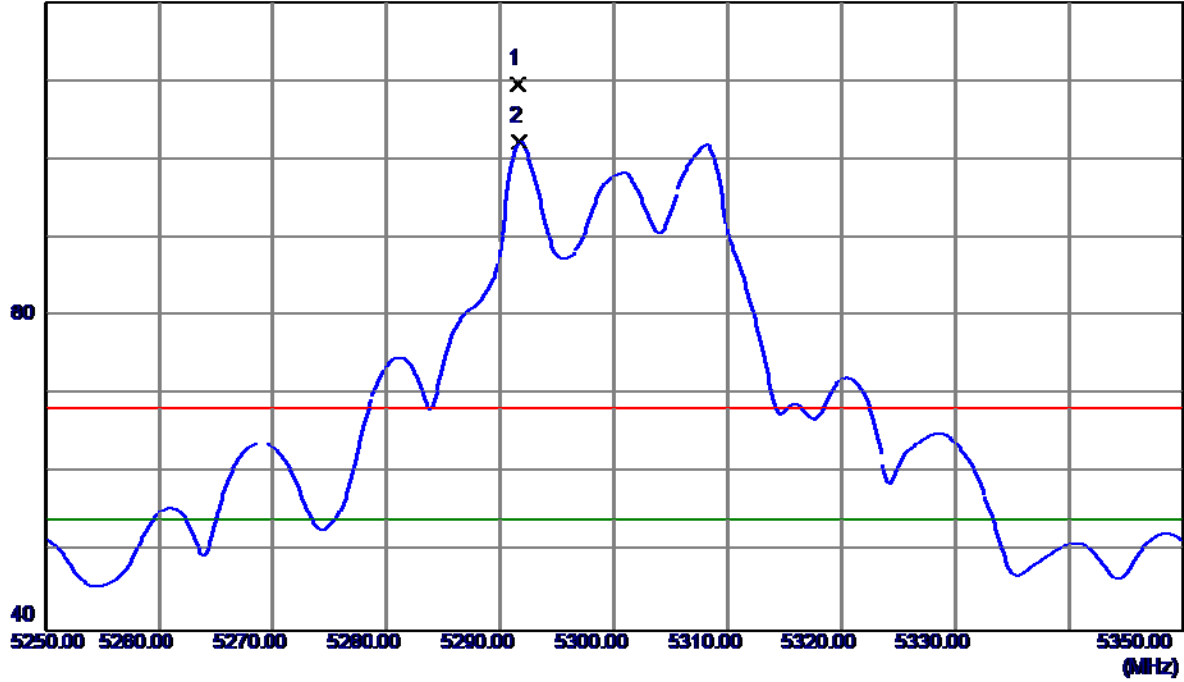


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7013.2570	38.66	10.78	49.44	68.20	-18.76	Peak	
2 *	7013.2850	34.15	10.78	44.93	54.00	-9.07	AVG	

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

**Vertical**

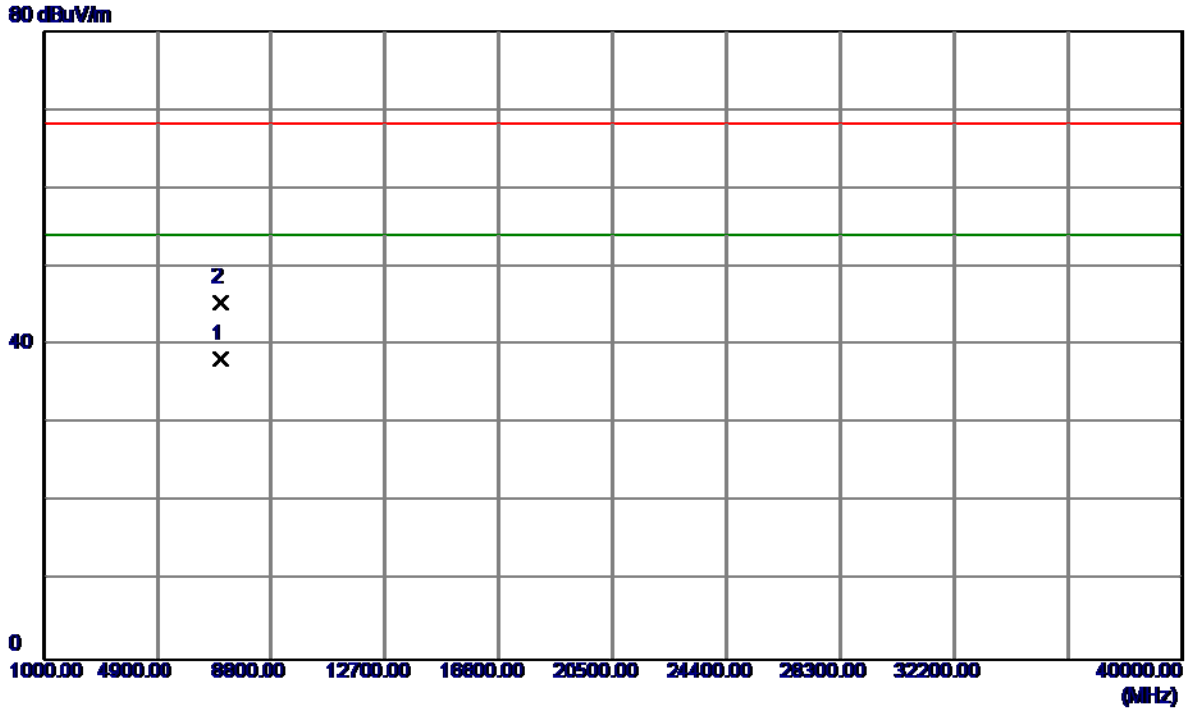
120 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5291.6000	68.51	41.09	109.60	68.30	41.30	Peak	No Limit
2 *	5291.7000	61.21	41.09	102.30	54.00	48.30	AVG	No Limit

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

**Vertical**

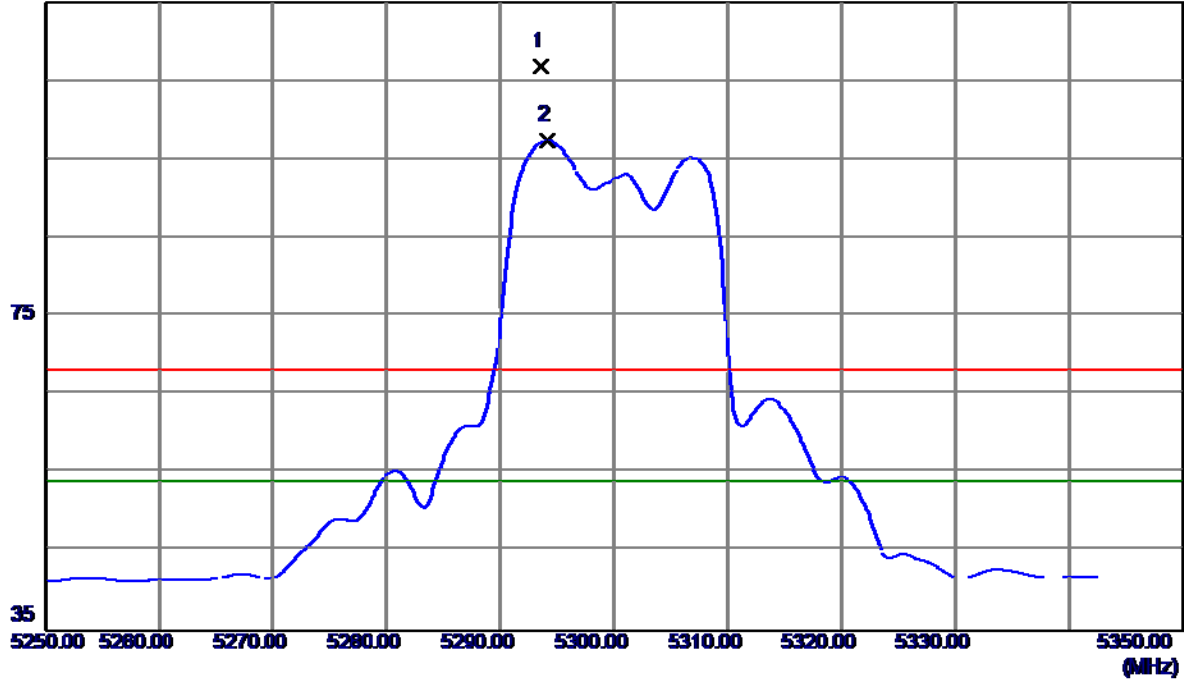


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7066.6300	27.29	10.88	38.17	54.00	-15.83	AVG	
2	7066.8750	34.51	10.88	45.39	68.30	-22.91	Peak	

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

**Horizontal**

115 dBuV/m

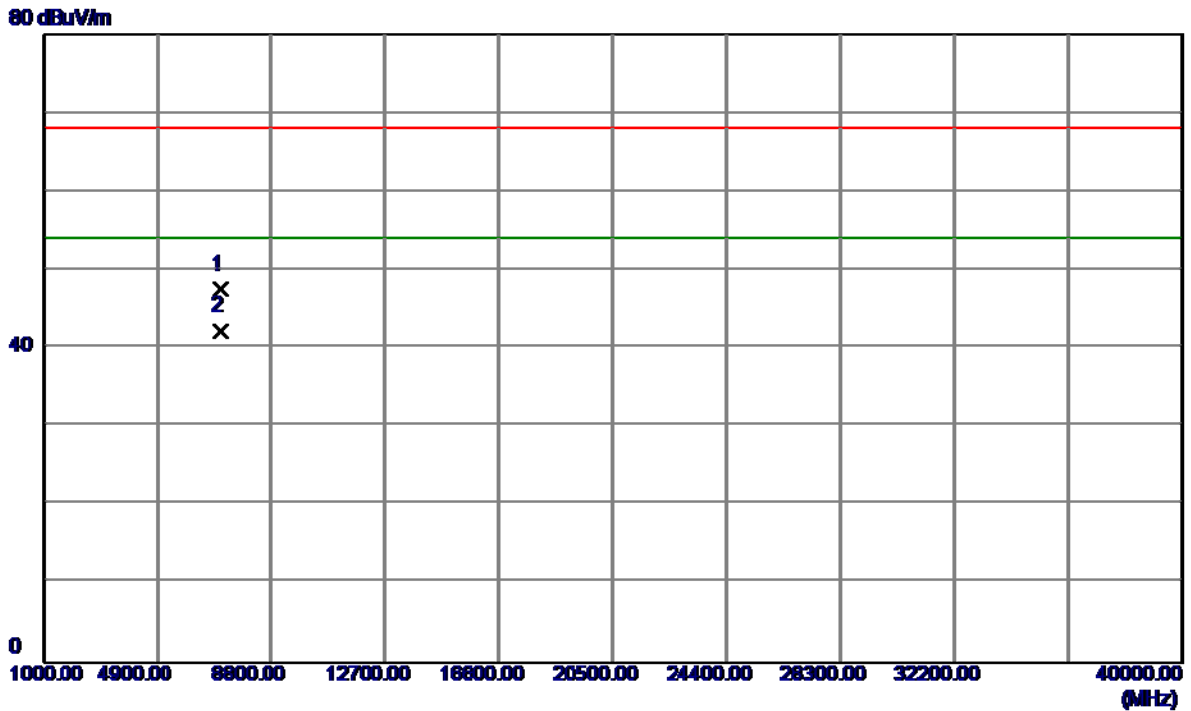


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5293.6000	65.73	41.10	106.83	68.20	38.63	Peak	No Limit
2 *	5294.1500	56.28	41.10	97.38	54.00	43.38	AVG	No Limit



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

**Horizontal**

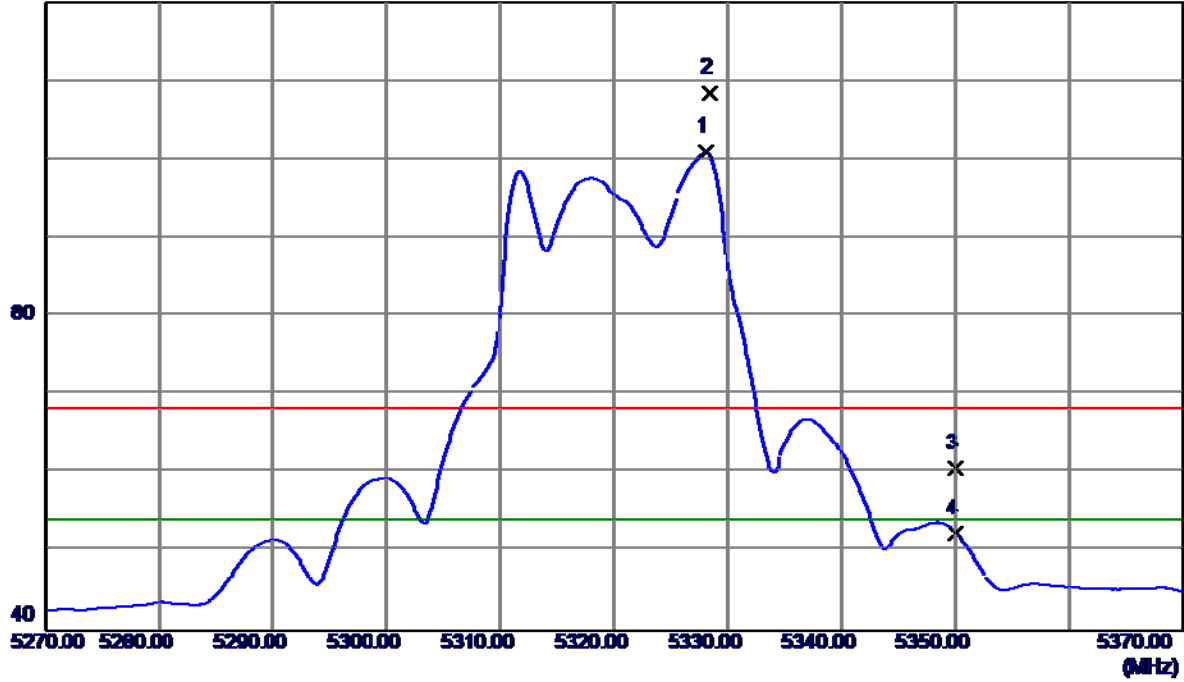


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7066.5650	36.60	10.88	47.48	68.20	-20.72	Peak	
2 *	7066.6420	31.43	10.88	42.31	54.00	-11.69	AVG	

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

**Vertical**

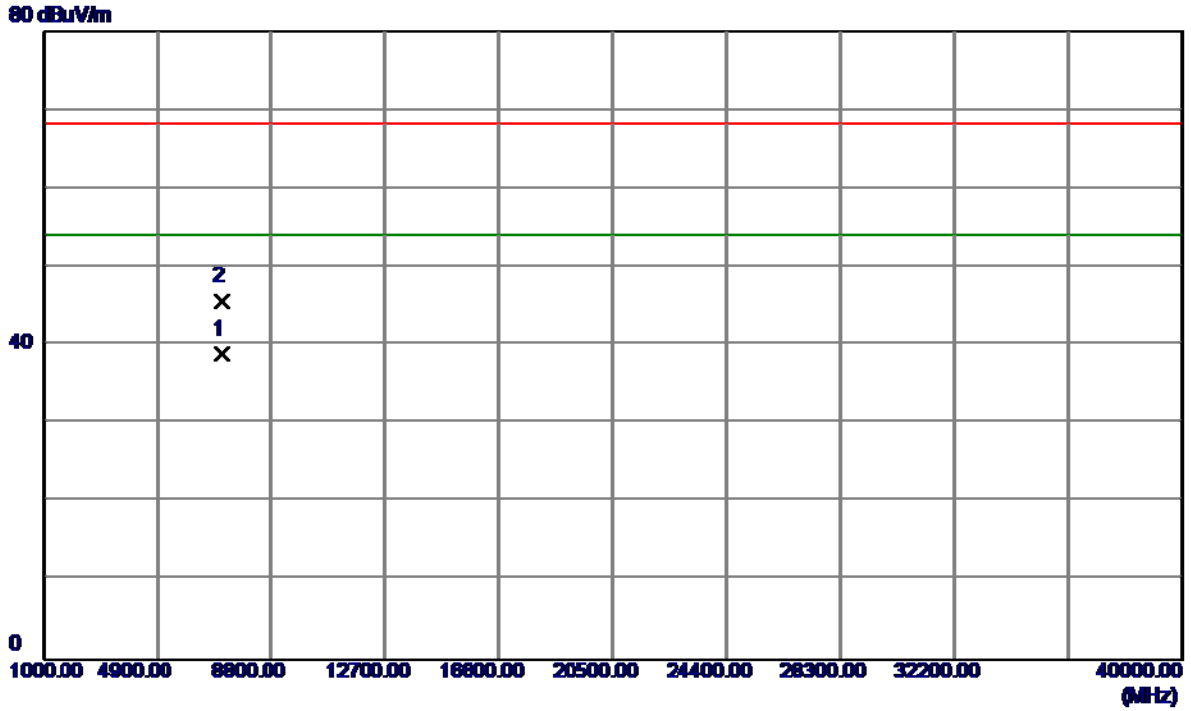
120 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5328.1000	59.71	41.21	100.92	54.00	46.92	AVG	No Limit
2	5328.4000	67.25	41.21	108.46	68.30	40.16	Peak	No Limit
3	5350.0000	19.38	41.28	60.66	68.30	-7.64	Peak	
4	5350.0000	11.10	41.28	52.38	54.00	-1.62	AVG	

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

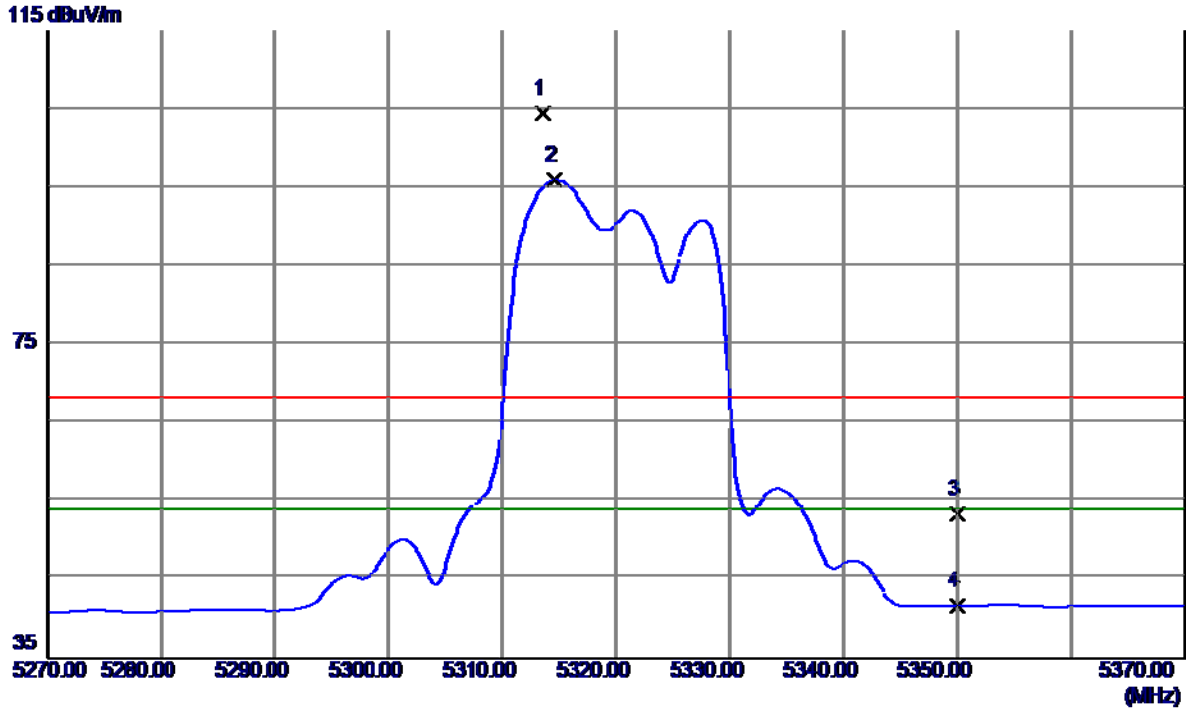
**Vertical**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7093.2450	27.91	10.94	38.85	54.00	-15.15	AVG	
2	7093.2850	34.62	10.94	45.56	68.30	-22.74	Peak	

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

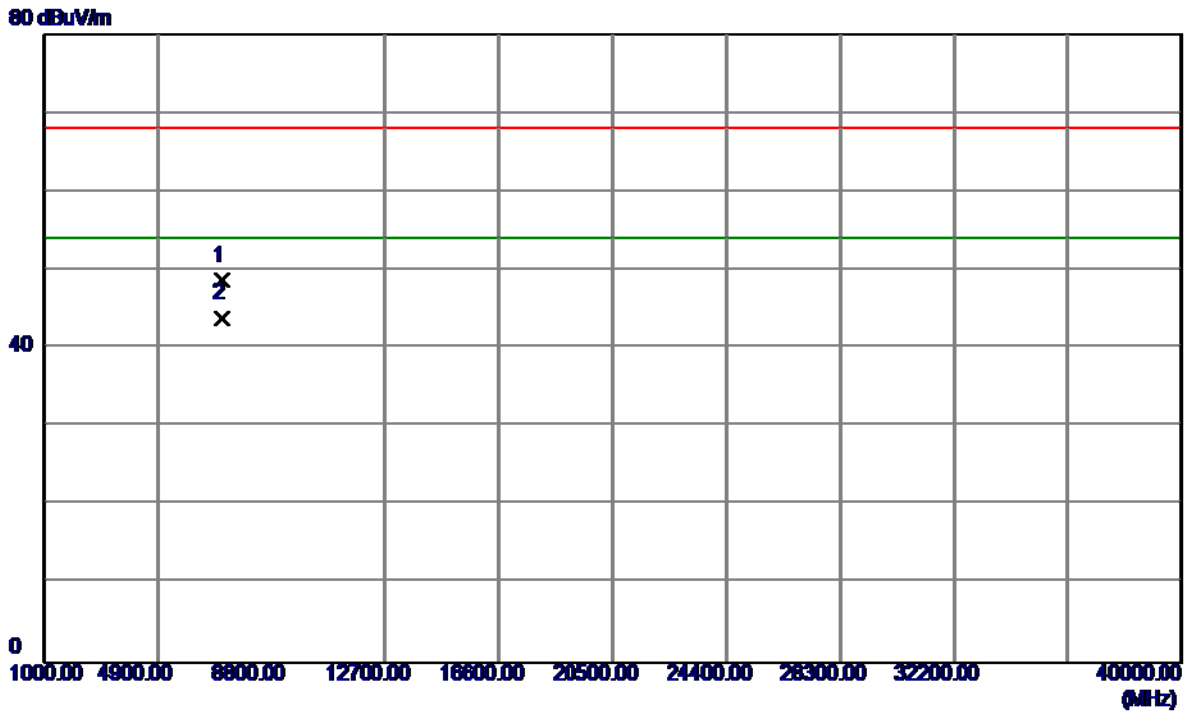
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5313.6000	63.32	41.16	104.48	68.20	36.28	Peak	No Limit
2 *	5314.6000	54.77	41.17	95.94	54.00	41.94	AVG	No Limit
3	5350.0000	12.05	41.28	53.33	68.20	-14.87	Peak	
4	5350.0000	0.43	41.28	41.71	54.00	-12.29	AVG	

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

### Horizontal

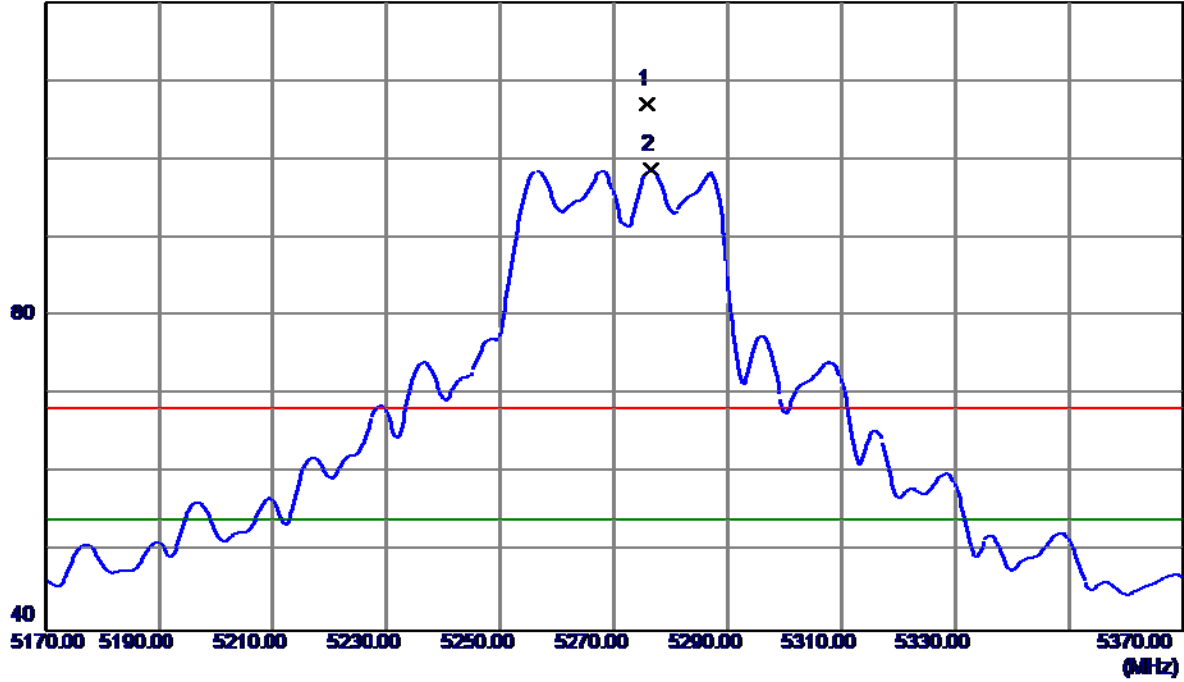


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7093.2520	37.64	10.94	48.58	68.20	-19.62	Peak	
2 *	7093.3020	32.84	10.94	43.78	54.00	-10.22	AVG	

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

**Vertical**

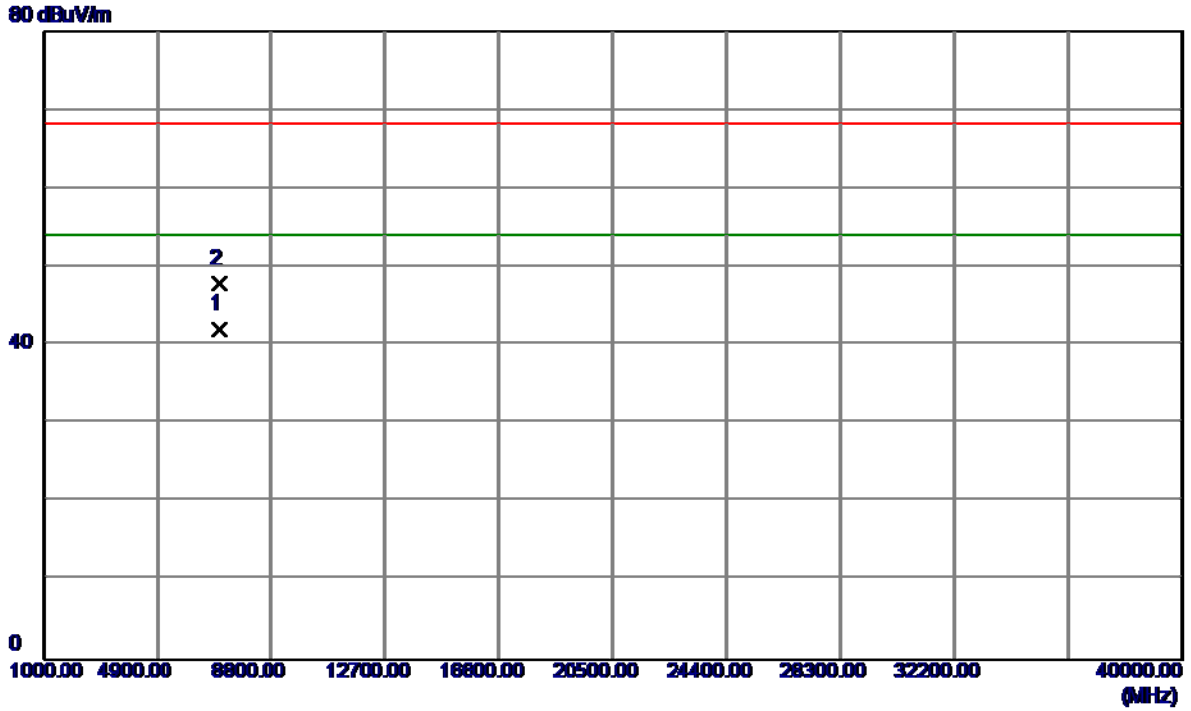
120 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5275.8000	66.04	41.04	107.08	68.30	38.78	Peak	No Limit
2 *	5276.4000	57.61	41.04	98.65	54.00	44.65	AVG	No Limit

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

**Vertical**

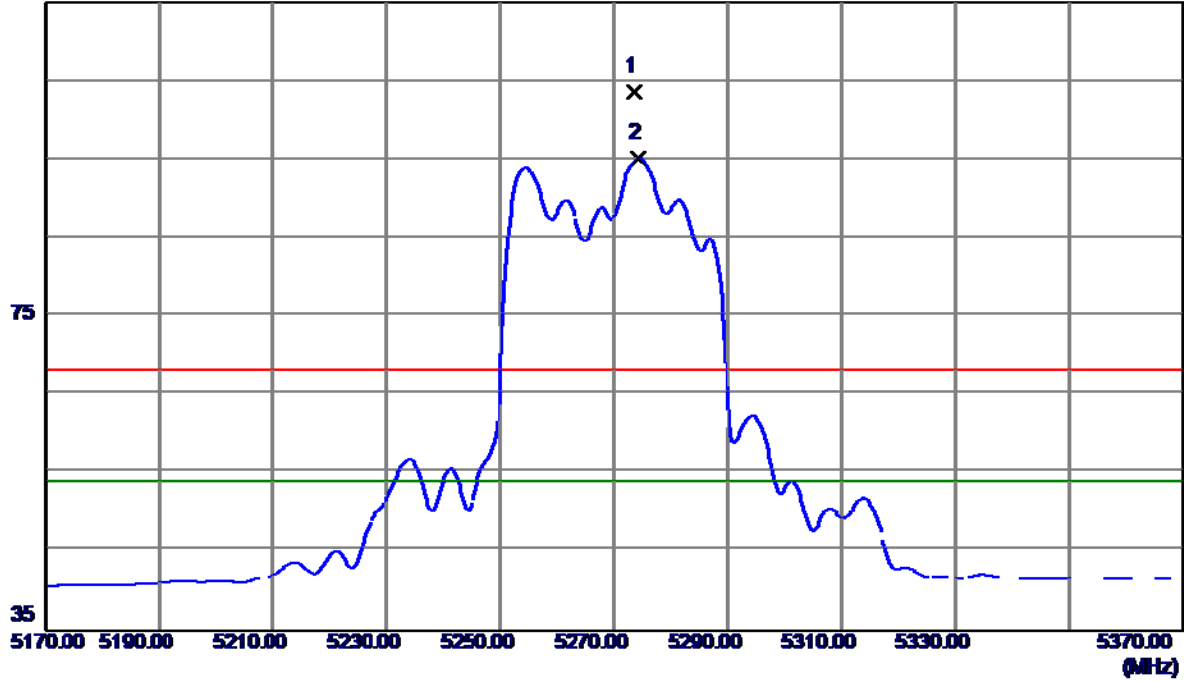


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7026.6500	31.35	10.80	42.15	54.00	-11.85	AVG	
2	7026.7300	36.99	10.80	47.79	68.30	-20.51	Peak	

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

**Horizontal**

115 dBuV/m

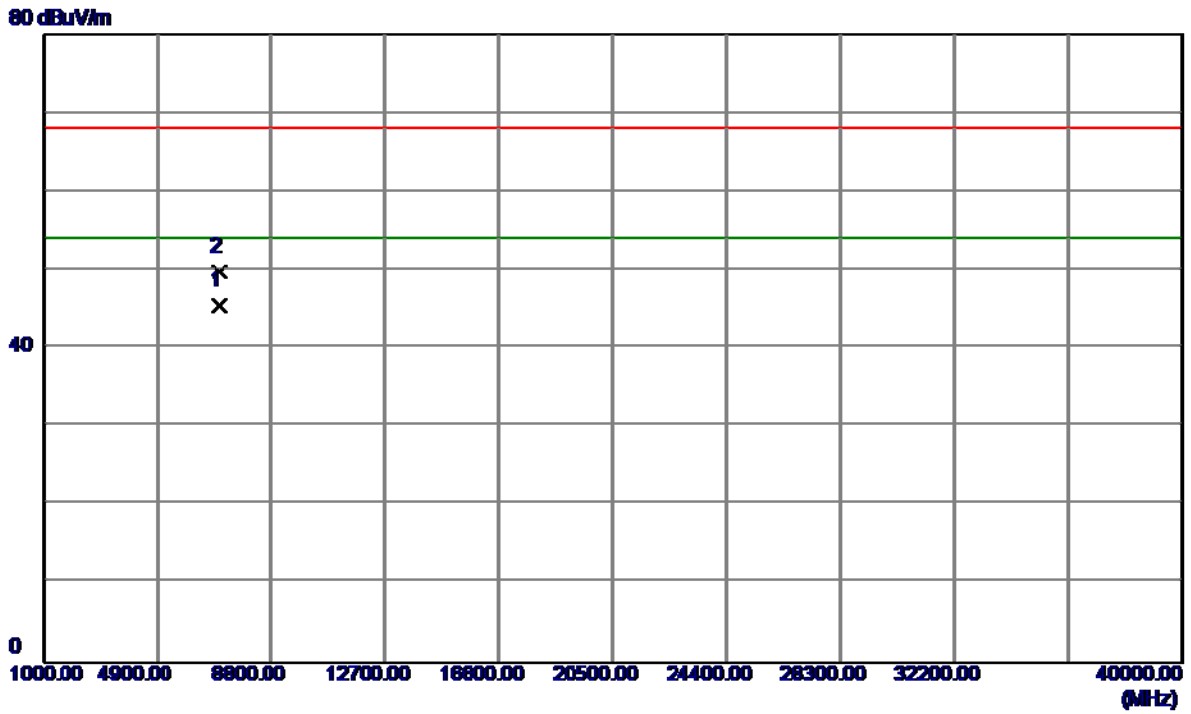


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5273.6000	62.55	41.03	103.58	68.20	35.38	Peak	No Limit
2 *	5274.3000	54.18	41.04	95.22	54.00	41.22	AVG	No Limit



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

**Horizontal**

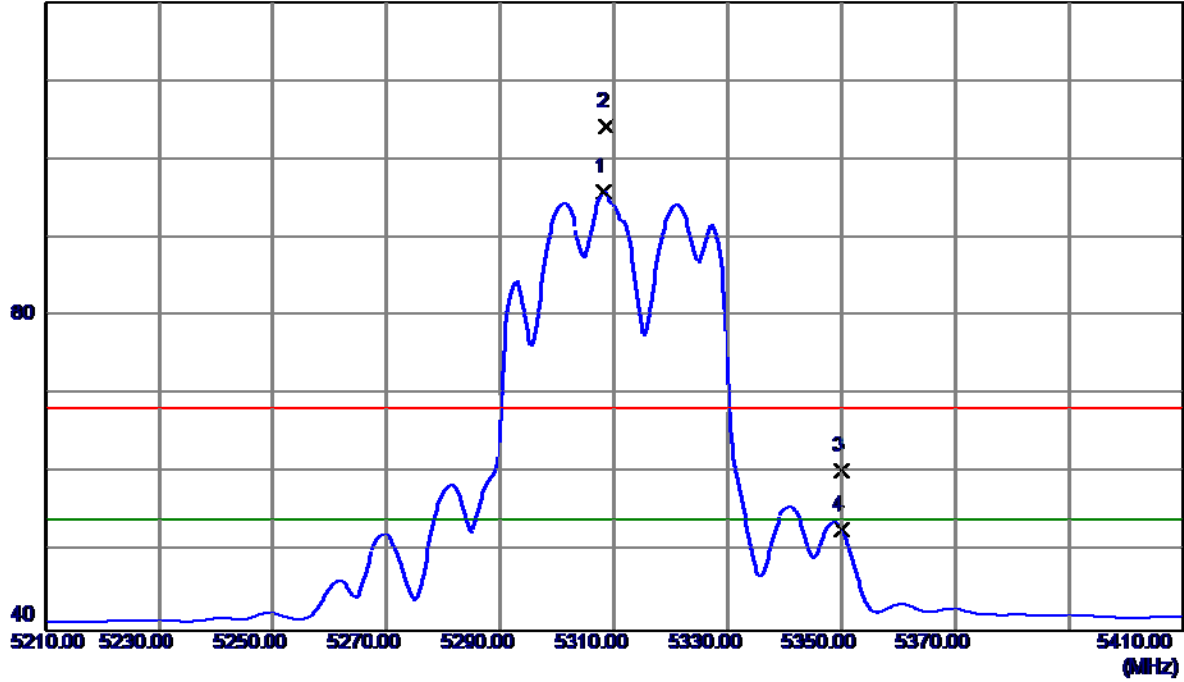


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7026.6670	34.57	10.80	45.37	54.00	-8.63	AVG	
2	7026.8000	39.01	10.80	49.81	68.20	-18.39	Peak	

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

**Vertical**

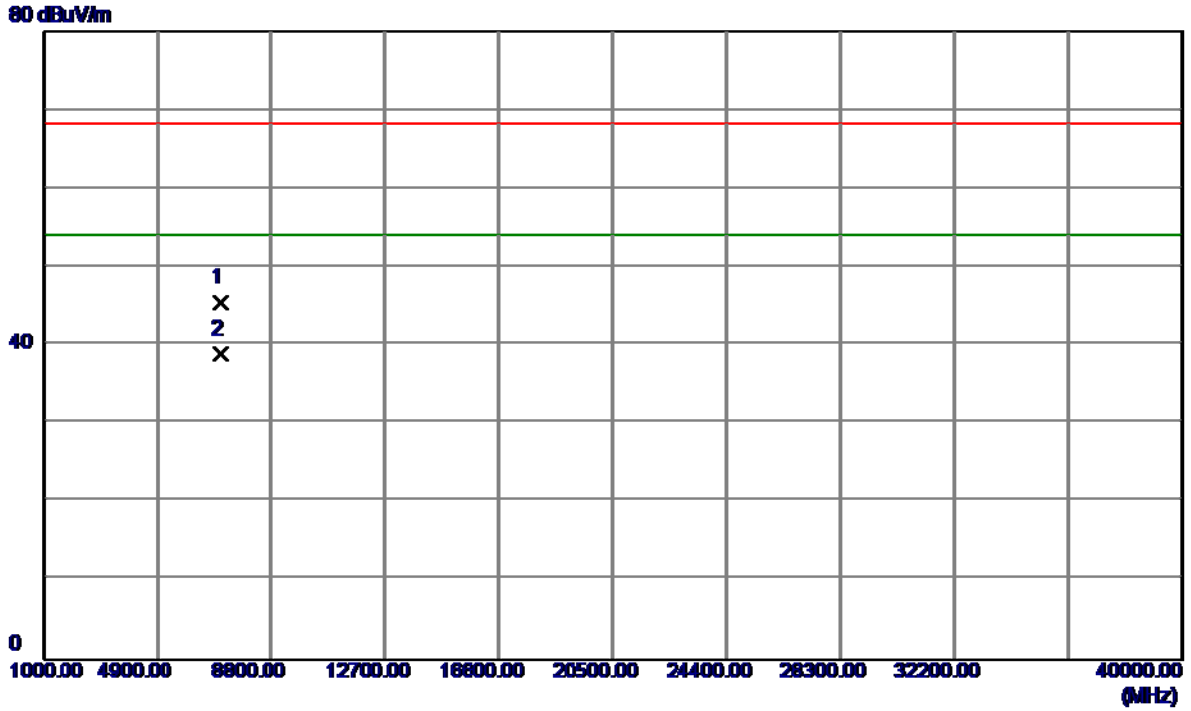
120 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5308.2000	54.66	41.15	95.81	54.00	41.81	AVG	No Limit
2	5308.6000	63.07	41.15	104.22	68.30	35.92	Peak	No Limit
3	5350.0000	18.99	41.28	60.27	68.30	-8.03	Peak	
4	5350.0000	11.47	41.28	52.75	54.00	-1.25	AVG	

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

**Vertical**

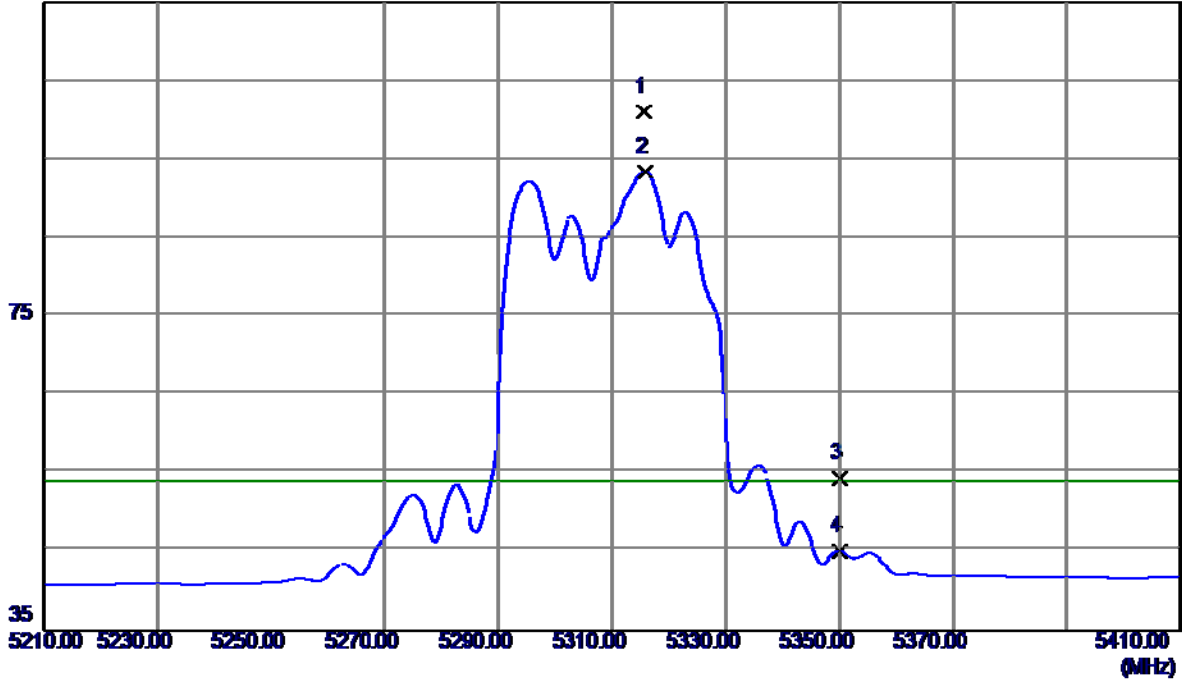


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7079.8850	34.49	10.91	45.40	68.30	-22.90	Peak	
2 *	7079.9350	28.03	10.91	38.94	54.00	-15.06	AVG	

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

### Horizontal

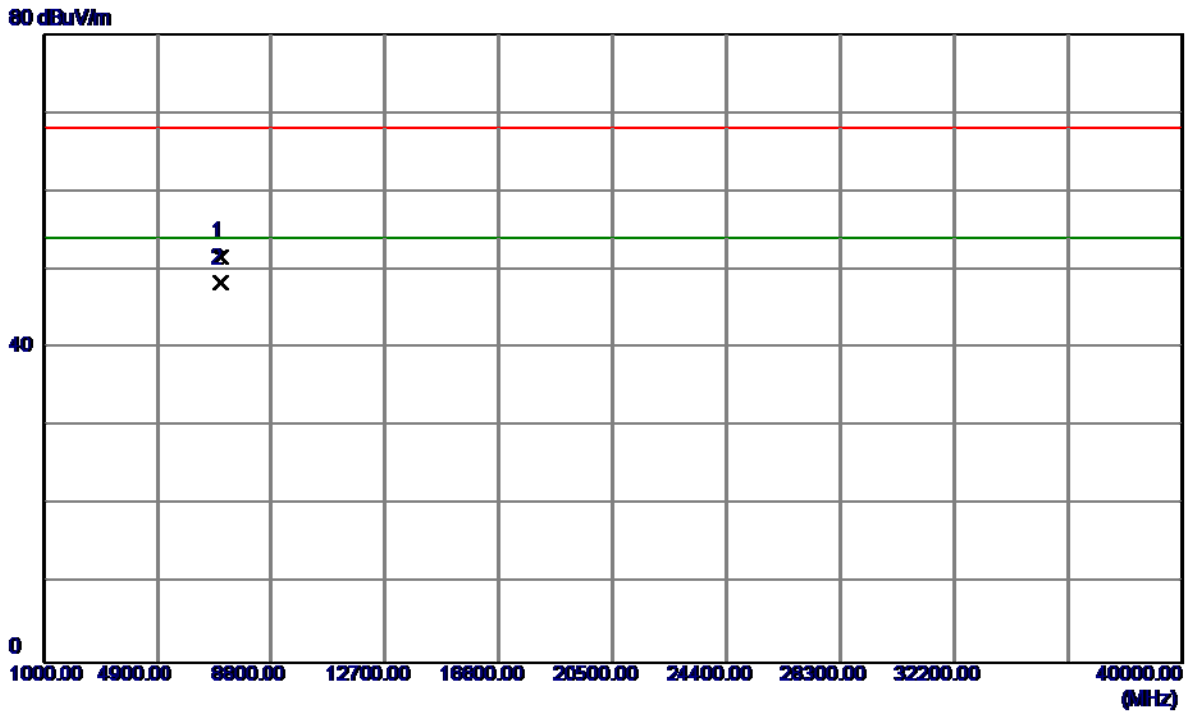
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5315.5000	59.99	41.17	101.16	68.20	32.96	Peak	No Limit
2 *	5315.7000	52.19	41.17	93.36	54.00	39.36	AVG	No Limit
3	5350.0000	13.15	41.28	54.43	68.20	-13.77	Peak	
4	5350.0000	3.85	41.28	45.13	54.00	-8.87	AVG	

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

**Horizontal**

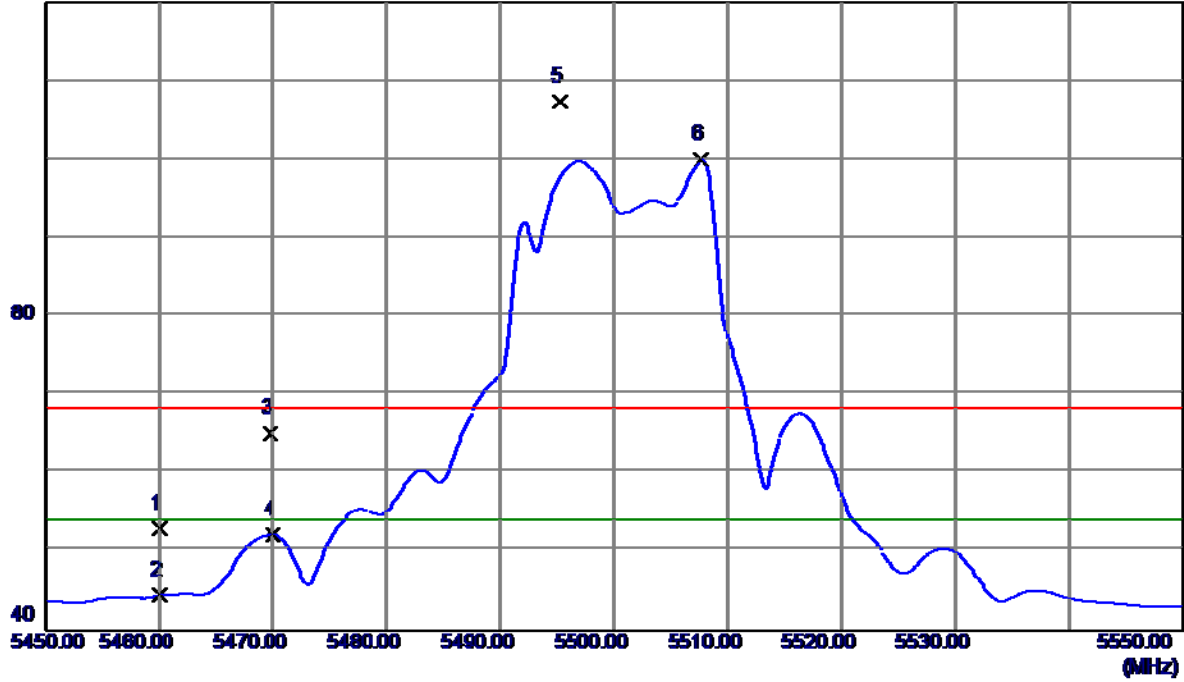


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7079.9250	40.79	10.91	51.70	68.20	-16.50	Peak	
2 *	7079.9400	37.35	10.91	48.26	54.00	-5.74	AVG	

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

**Vertical**

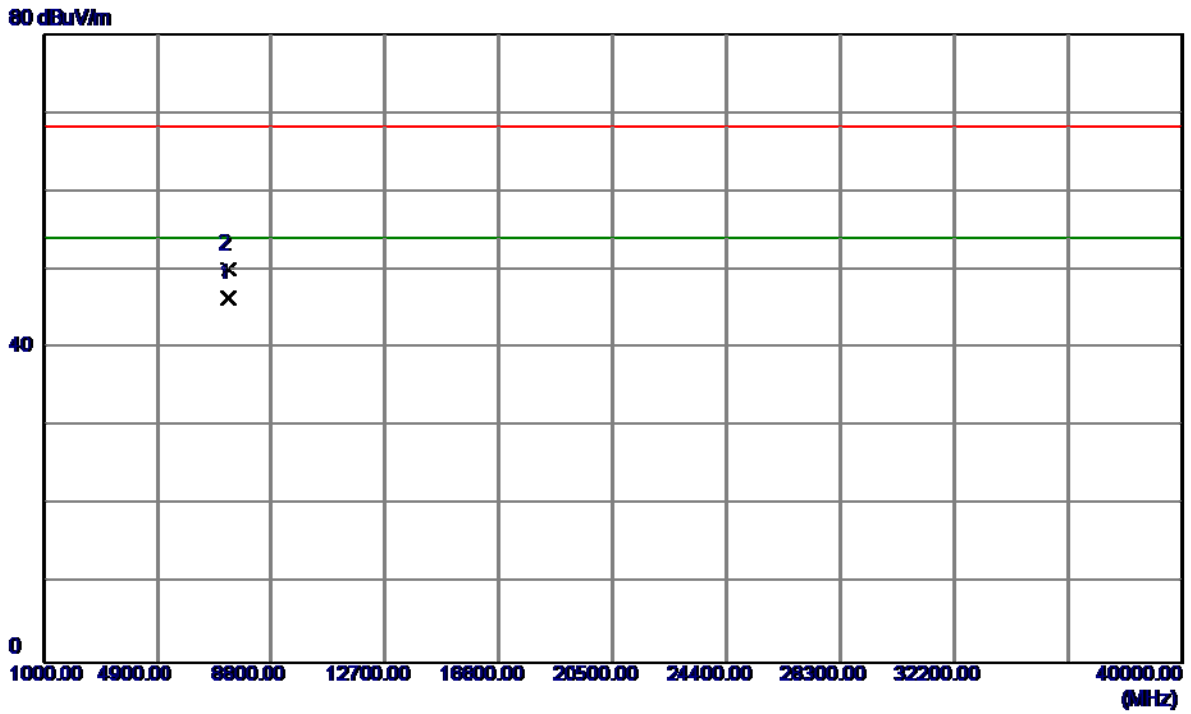
120 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5460.0000	11.35	41.65	53.00	68.30	-15.30	Peak	
2	5460.0000	2.76	41.65	44.41	54.00	-9.59	AVG	
3	5469.8000	23.38	41.68	65.06	68.30	-3.24	Peak	
4	5470.0000	10.49	41.68	52.17	54.00	-1.83	AVG	
5	5495.2000	65.63	41.76	107.39	68.30	39.09	Peak	No Limit
6 *	5507.7000	58.13	41.81	99.94	54.00	45.94	AVG	No Limit

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

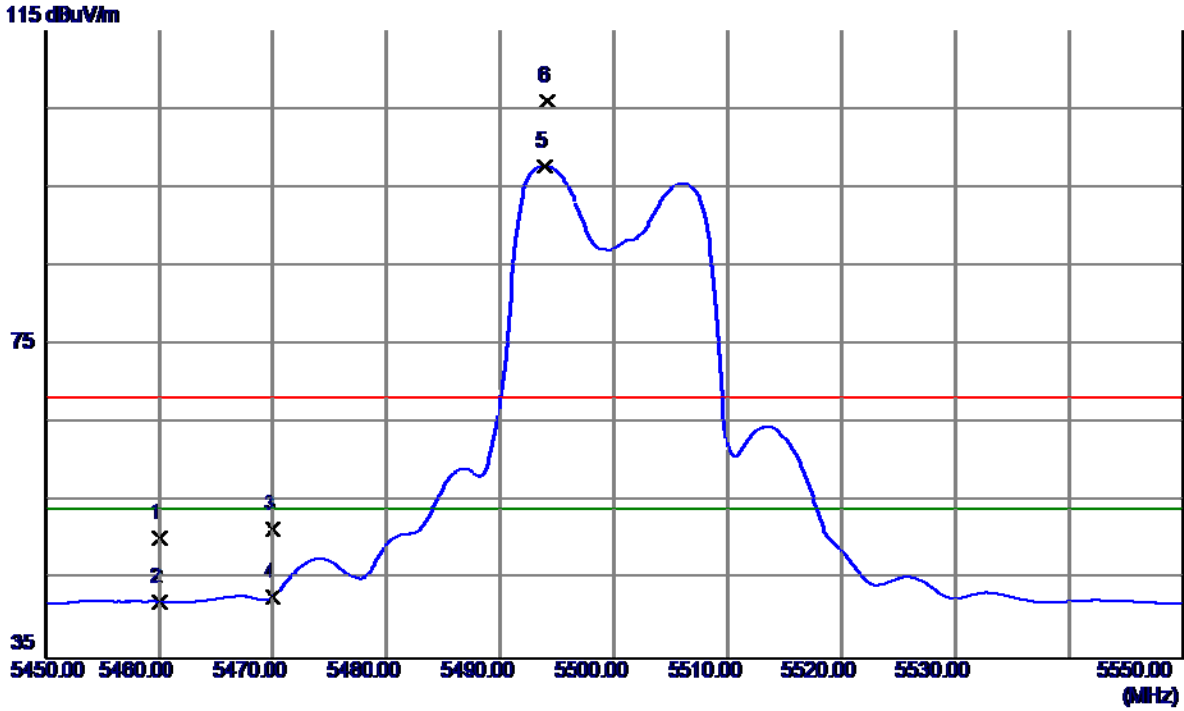
**Vertical**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7333.3050	35.03	11.42	46.45	54.00	-7.55	AVG	
2	7333.3550	38.73	11.42	50.15	68.30	-18.15	Peak	

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

### Horizontal

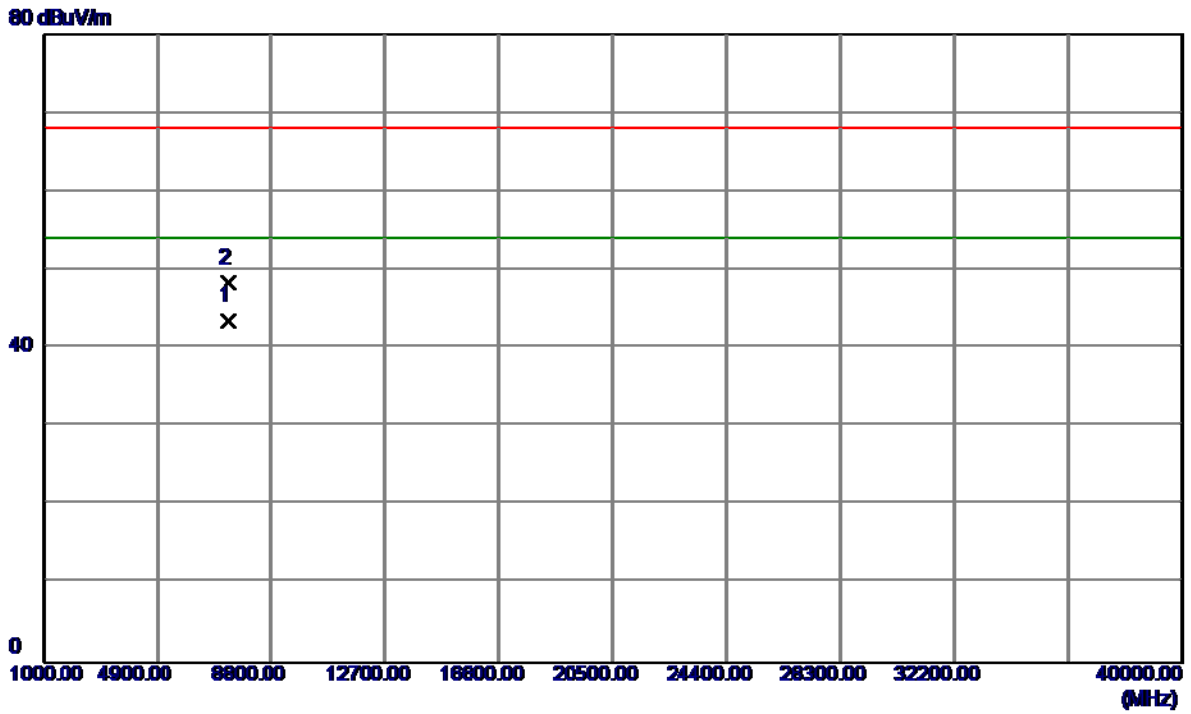


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5460.0000	8.73	41.65	50.38	68.20	-17.82	Peak	
2	5460.0000	0.61	41.65	42.26	54.00	-11.74	AVG	
3	5470.0000	9.85	41.68	51.53	68.20	-16.67	Peak	
4	5470.0000	1.24	41.68	42.92	54.00	-11.08	AVG	
5 *	5493.8500	55.92	41.76	97.68	54.00	43.68	AVG	No Limit
6	5494.1000	64.30	41.76	106.06	68.20	37.86	Peak	No Limit



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

### Horizontal

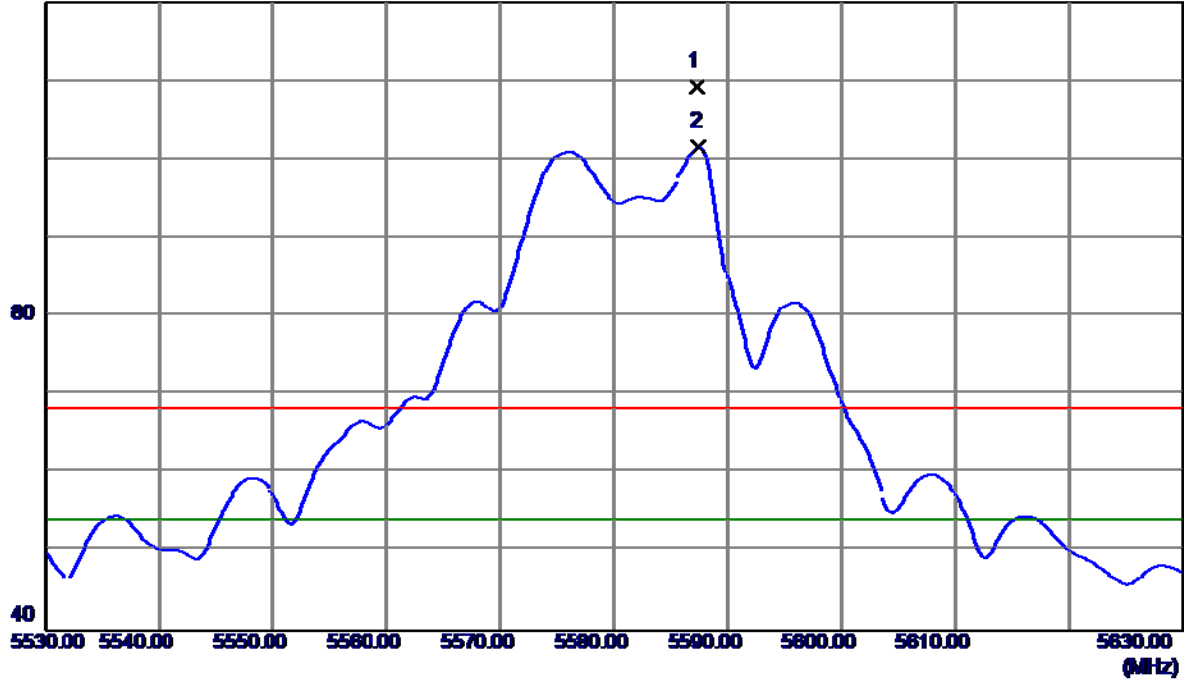


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7333.2600	32.17	11.42	43.59	54.00	-10.41	AVG	
2	7333.3410	36.91	11.42	48.33	68.20	-19.87	Peak	

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

**Vertical**

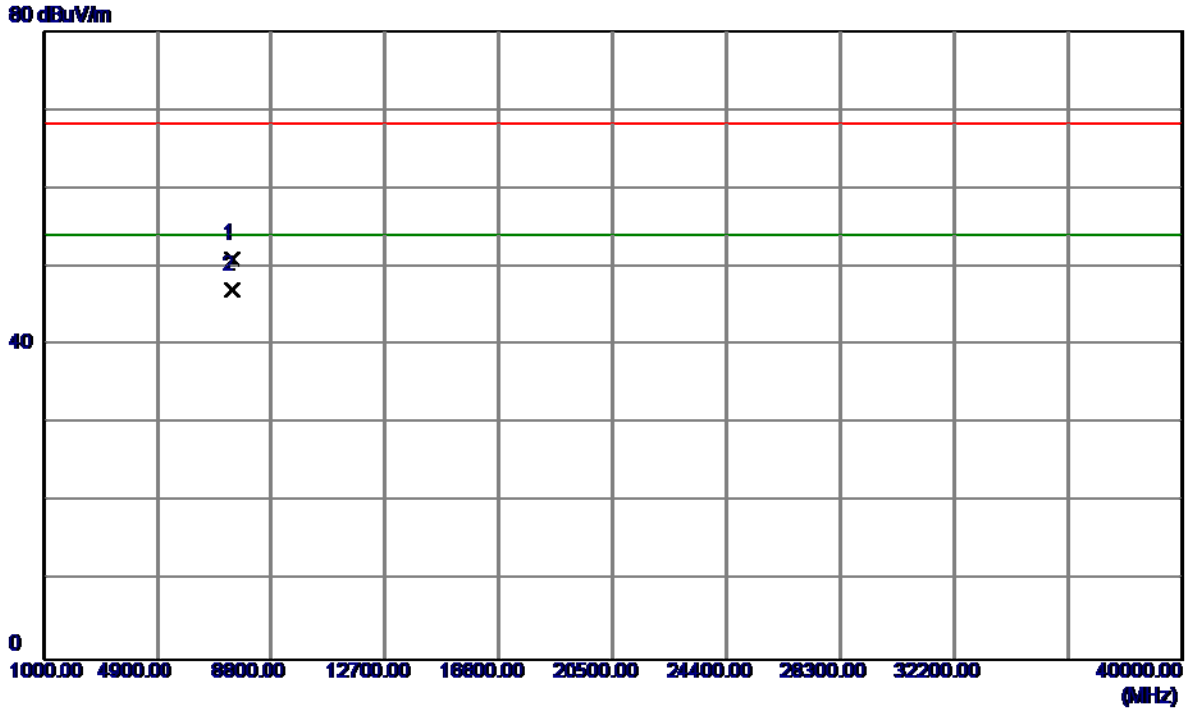
120 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5587.3000	67.22	42.09	109.31	68.30	41.01	Peak	No Limit
2 *	5587.5000	59.50	42.09	101.59	54.00	47.59	AVG	No Limit

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

**Vertical**

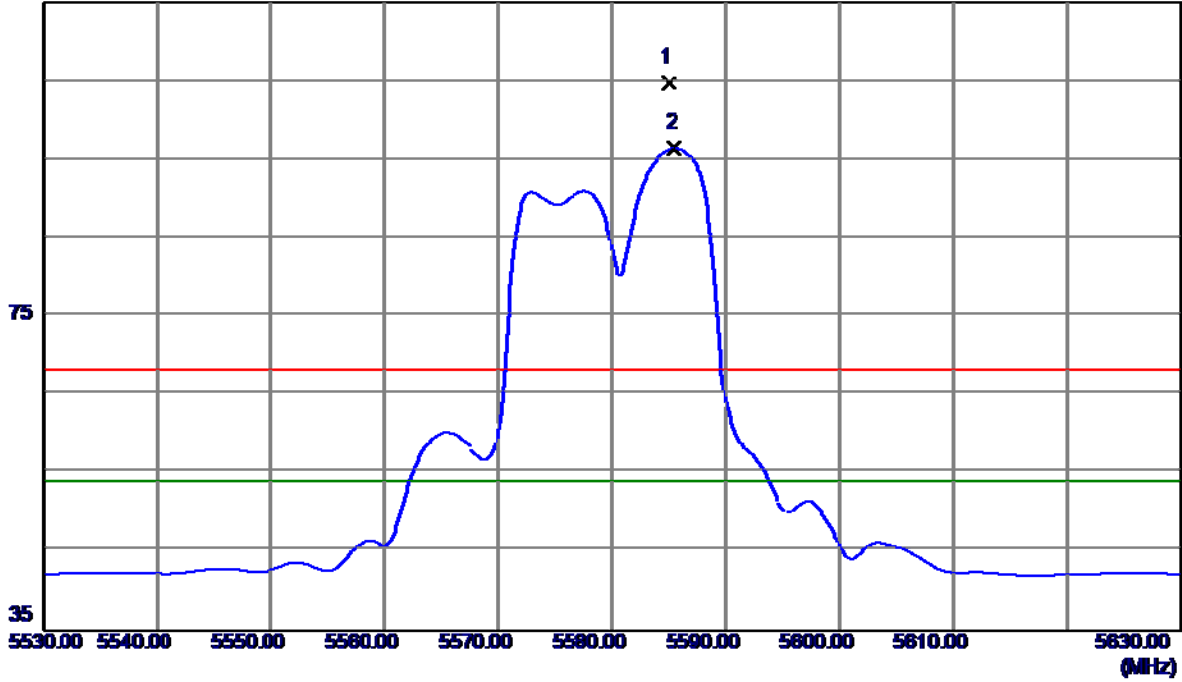


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7439.8800	39.49	11.63	51.12	68.30	-17.18	Peak	
2 *	7439.9650	35.34	11.63	46.97	54.00	-7.03	AVG	

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

**Horizontal**

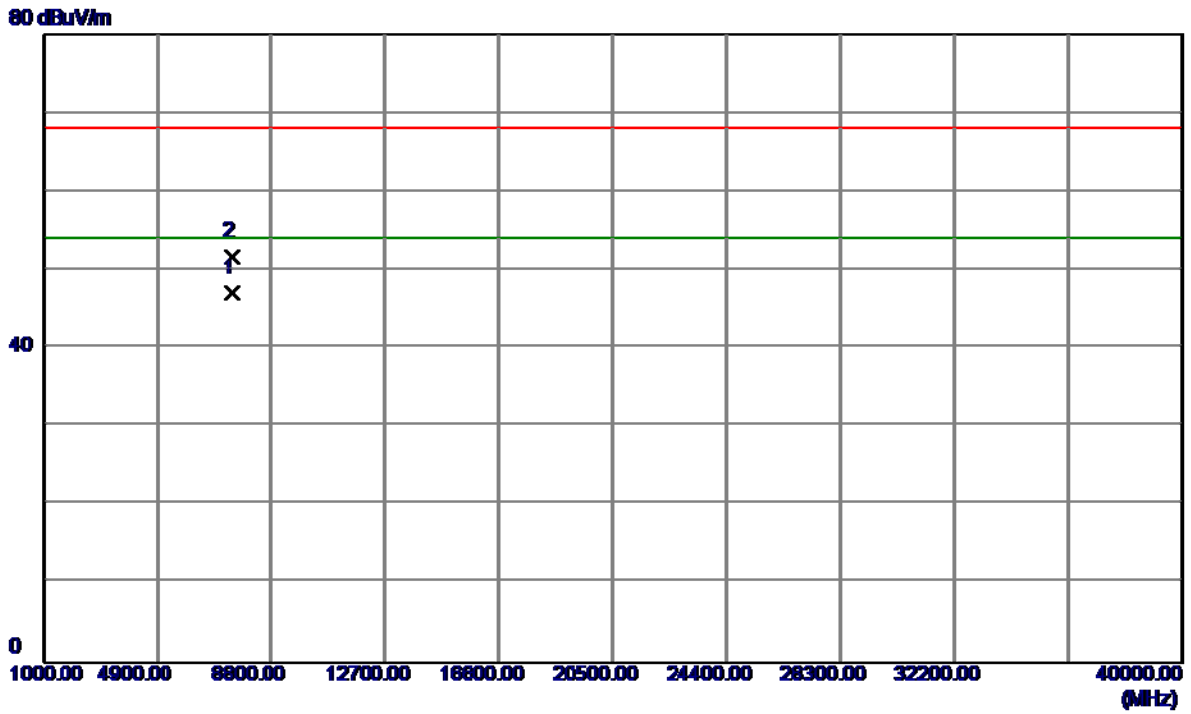
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5585.0500	62.62	42.08	104.70	68.20	36.50	Peak	No Limit
2 *	5585.5000	54.37	42.08	96.45	54.00	42.45	AVG	No Limit

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

**Horizontal**

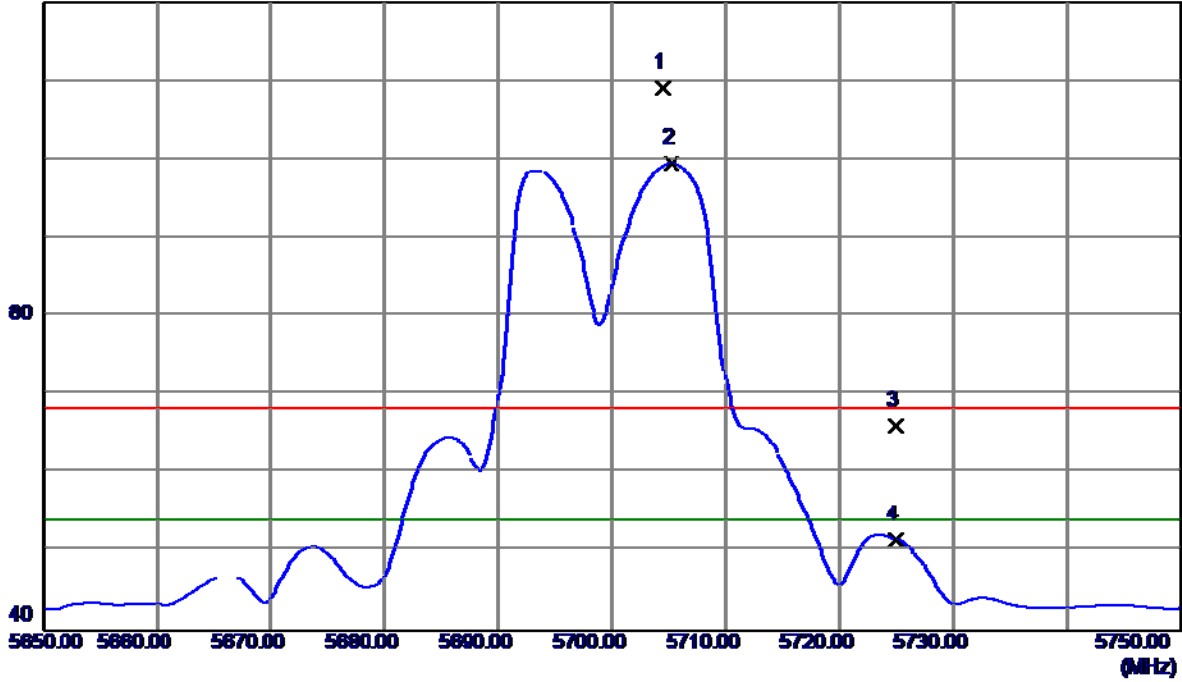


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7439.8150	35.38	11.63	47.01	54.00	-6.99	AVG	
2	7439.9200	40.13	11.63	51.76	68.20	-16.44	Peak	

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

**Vertical**

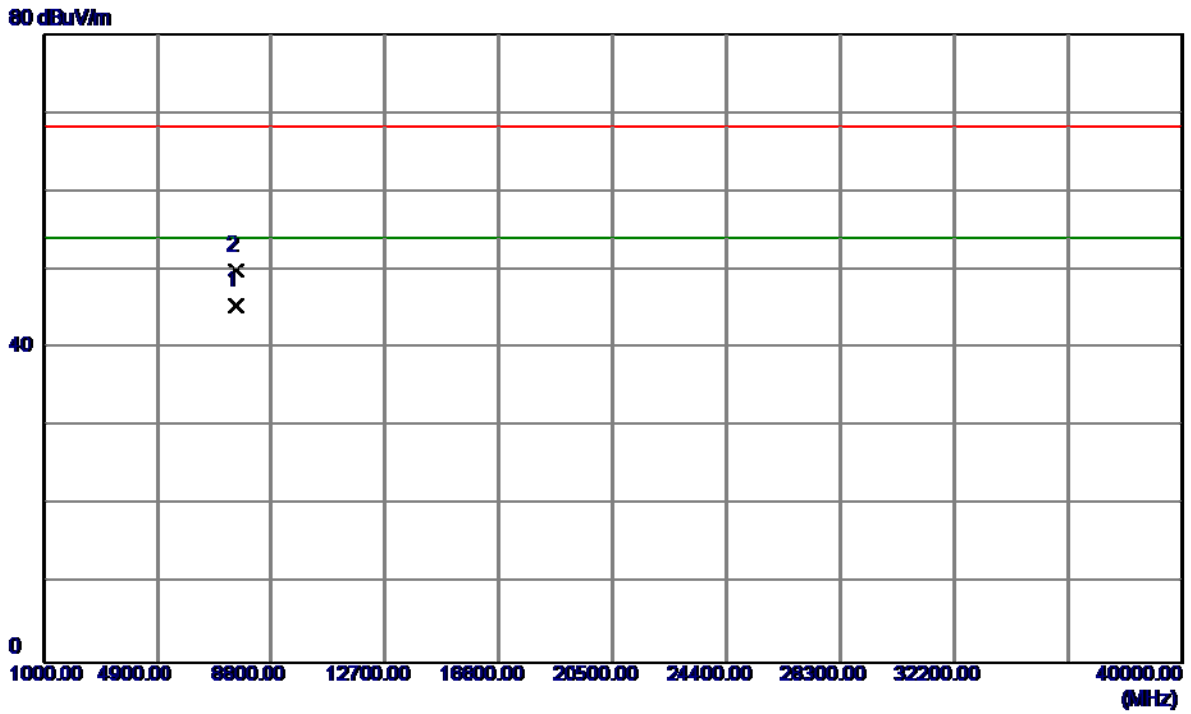
120 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5704.4000	66.53	42.51	109.04	68.30	40.74	Peak	No Limit
2 *	5705.2000	57.02	42.51	99.53	54.00	45.53	AVG	No Limit
3	5725.0000	23.45	42.58	66.03	68.30	-2.27	Peak	
4	5725.0000	8.98	42.58	51.56	54.00	-2.44	AVG	

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

**Vertical**

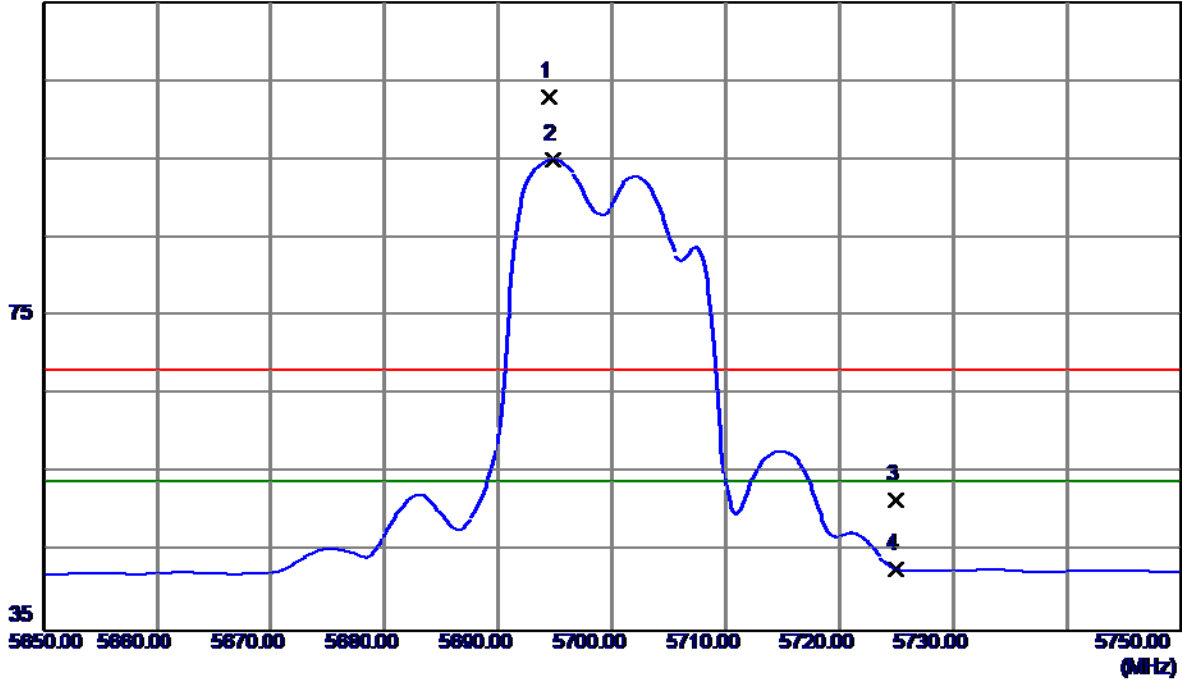


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7599.9650	33.70	11.74	45.44	54.00	-8.56	AVG	
2	7600.0300	38.23	11.74	49.97	68.30	-18.33	Peak	

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

### Horizontal

115 dBuV/m

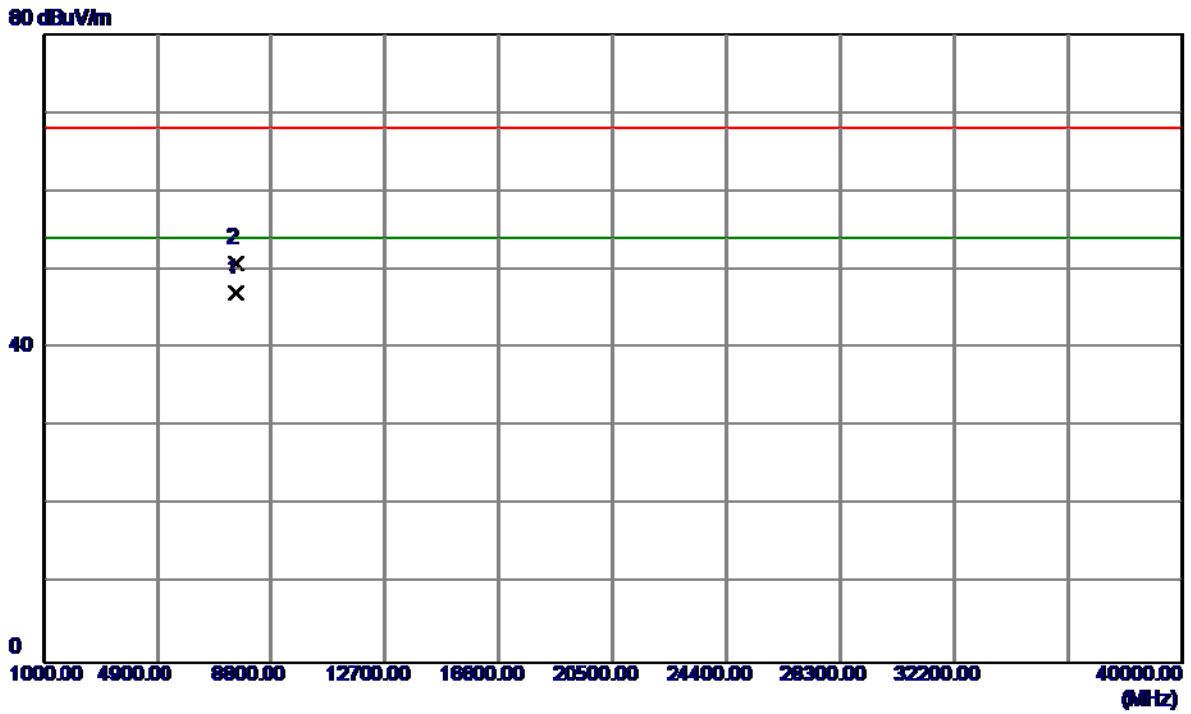


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5694.4000	60.45	42.47	102.92	68.20	34.72	Peak	No Limit
2 *	5694.7500	52.56	42.47	95.03	54.00	41.03	AVG	No Limit
3	5725.0000	9.05	42.58	51.63	68.20	-16.57	Peak	
4	5725.0000	0.27	42.58	42.85	54.00	-11.15	AVG	



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

**Horizontal**

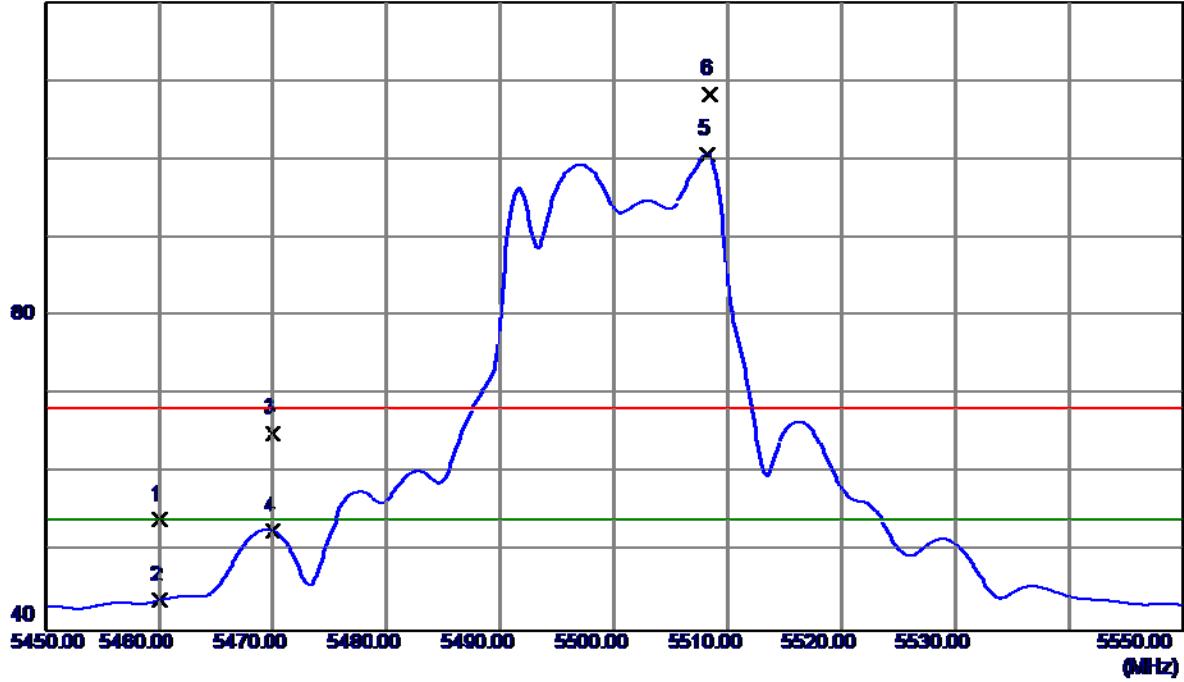


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7599.7760	35.28	11.74	47.02	54.00	-6.98	AVG	
2	7599.8400	39.18	11.74	50.92	68.20	-17.28	Peak	

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

**Vertical**

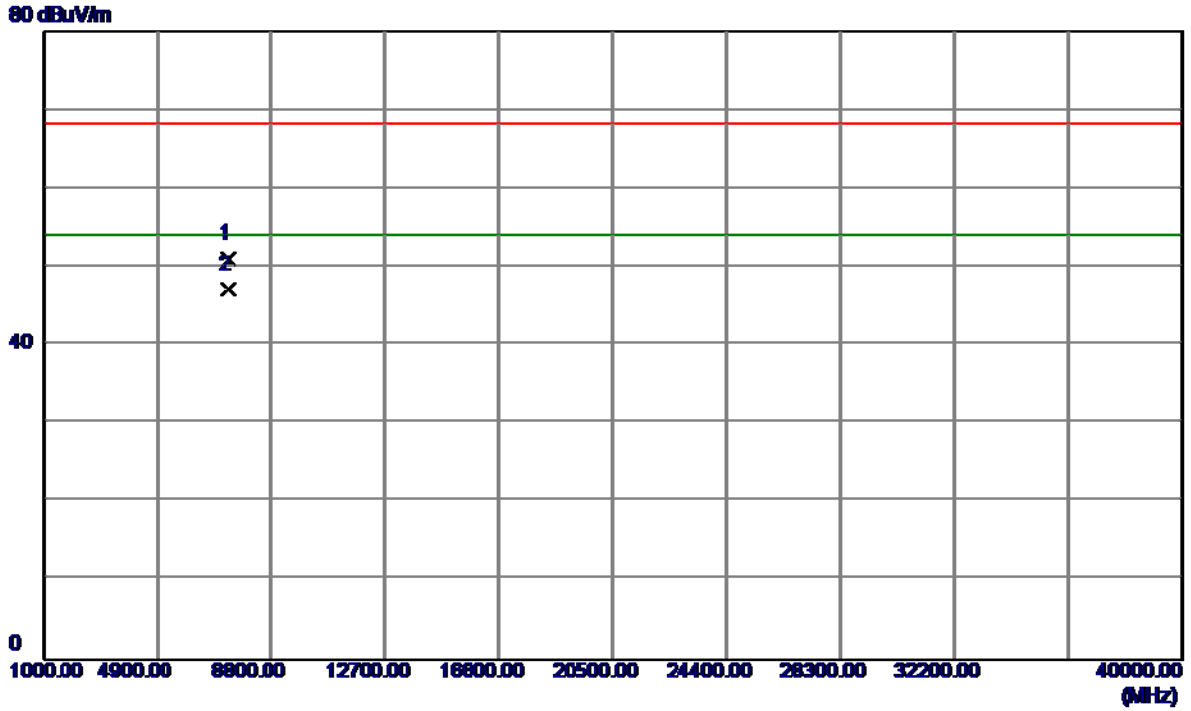
120 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5460.0000	12.39	41.65	54.04	68.30	-14.26	Peak	
2	5460.0000	2.19	41.65	43.84	54.00	-10.16	AVG	
3	5470.0000	23.51	41.68	65.19	68.30	-3.11	Peak	
4	5470.0000	10.97	41.68	52.65	54.00	-1.35	AVG	
5 *	5508.2000	58.88	41.81	100.69	54.00	46.69	AVG	No Limit
6	5508.4000	66.47	41.81	108.28	68.30	39.98	Peak	No Limit

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

**Vertical**

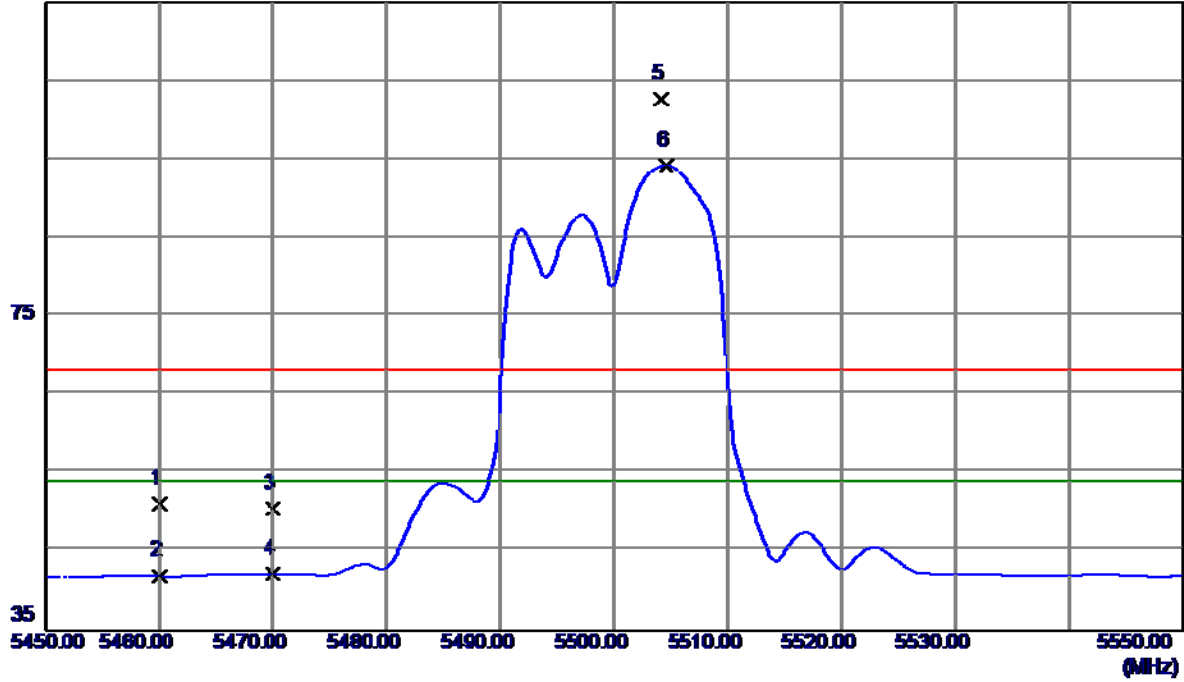


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7333.2300	39.65	11.42	51.07	68.30	-17.23	Peak	
2 *	7333.3050	35.70	11.42	47.12	54.00	-6.88	AVG	

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

### Horizontal

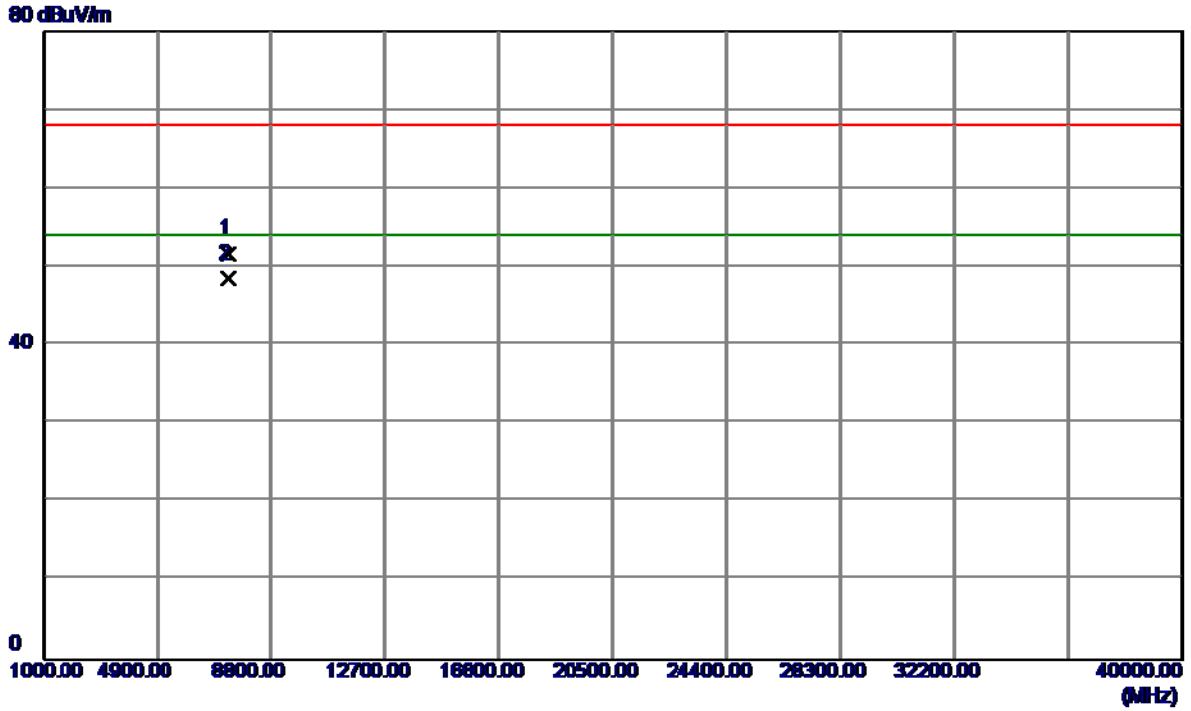
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5460.0000	9.46	41.65	51.11	68.20	-17.09	Peak	
2	5460.0000	0.31	41.65	41.96	54.00	-12.04	AVG	
3	5470.0000	8.83	41.68	50.51	68.20	-17.69	Peak	
4	5470.0000	0.49	41.68	42.17	54.00	-11.83	AVG	
5	5504.1000	60.88	41.79	102.67	68.20	34.47	Peak	No Limit
6 *	5504.6000	52.44	41.80	94.24	54.00	40.24	AVG	No Limit

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

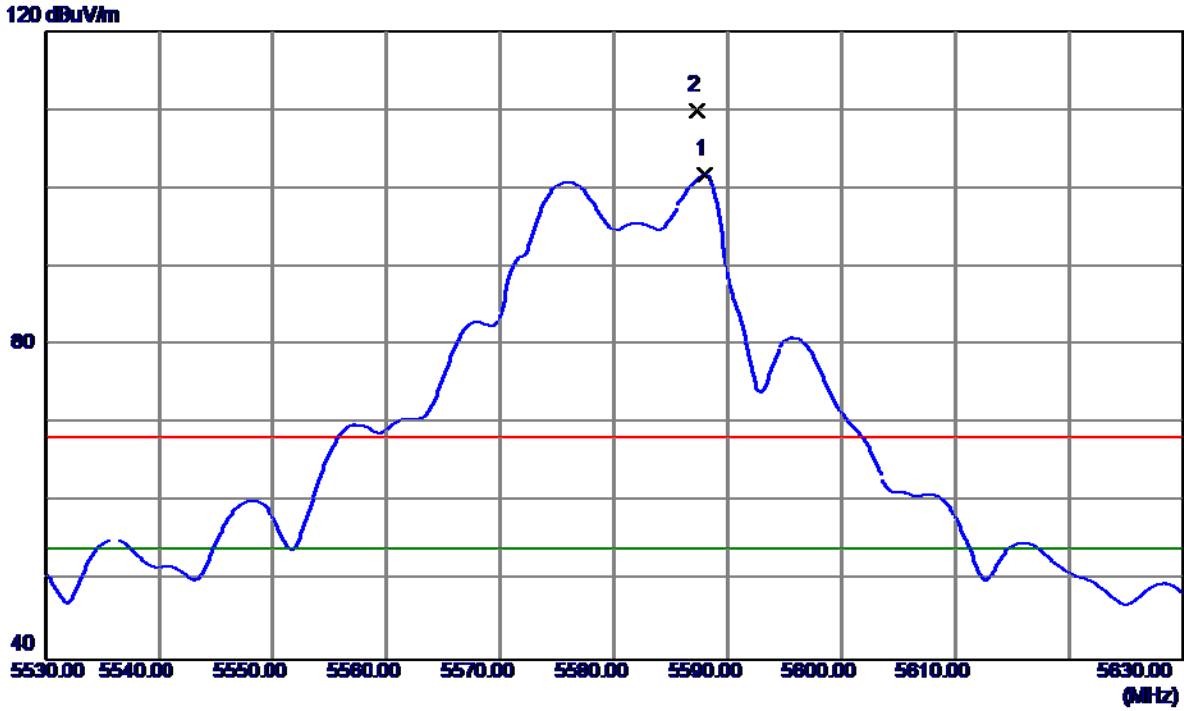
**Horizontal**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7333.2000	40.27	11.42	51.69	68.20	-16.51	Peak	
2 *	7333.3820	37.10	11.42	48.52	54.00	-5.48	AVG	

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

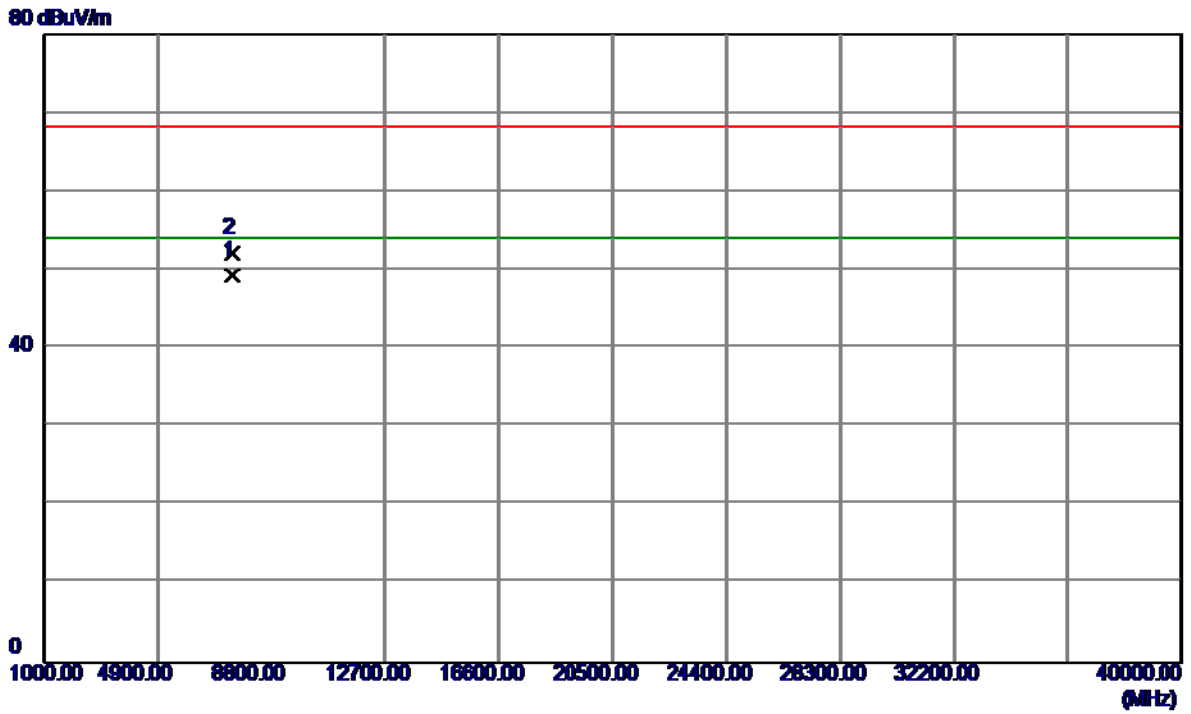
**Vertical**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5588.0000	59.62	42.09	101.71	54.00	47.71	AVG	No Limit
2	5587.3000	67.84	42.09	109.93	68.30	41.63	Peak	No Limit

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

**Vertical**

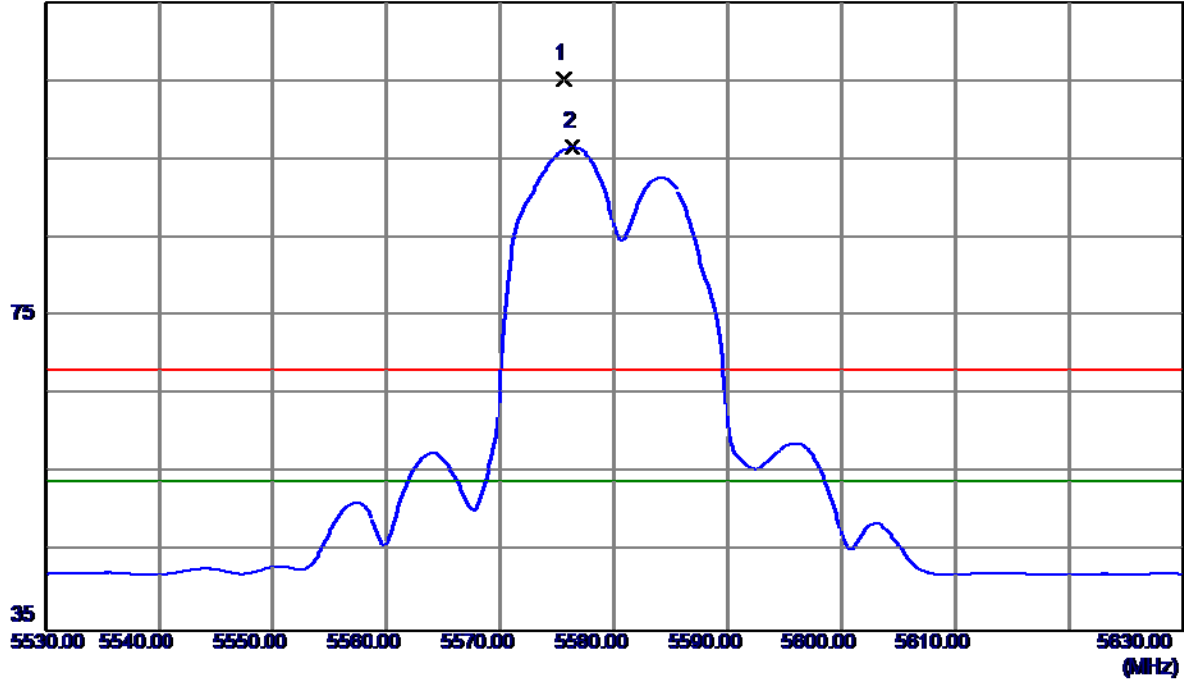


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7439.9400	37.58	11.63	49.21	54.00	-4.79	AVG	
2	7440.1200	40.59	11.63	52.22	68.30	-16.08	Peak	

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

**Horizontal**

115 dBuV/m

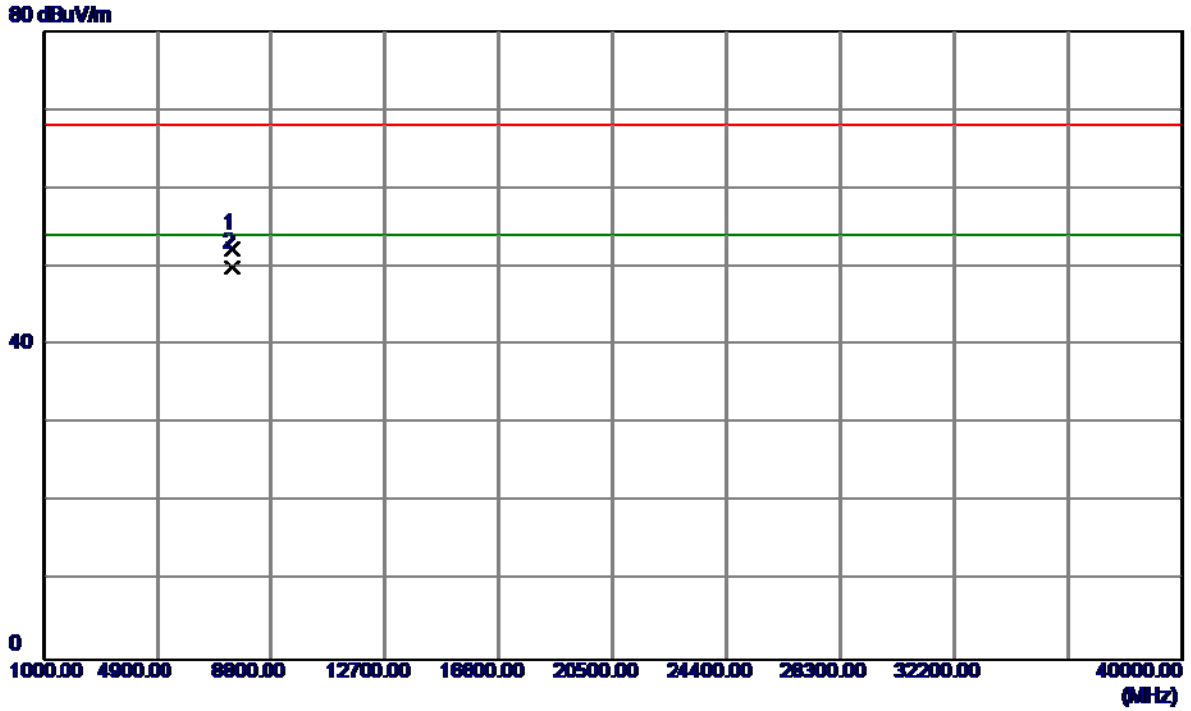


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5575.6000	63.15	42.05	105.20	68.20	37.00	Peak	No Limit
2 *	5576.3000	54.55	42.05	96.60	54.00	42.60	AVG	No Limit



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

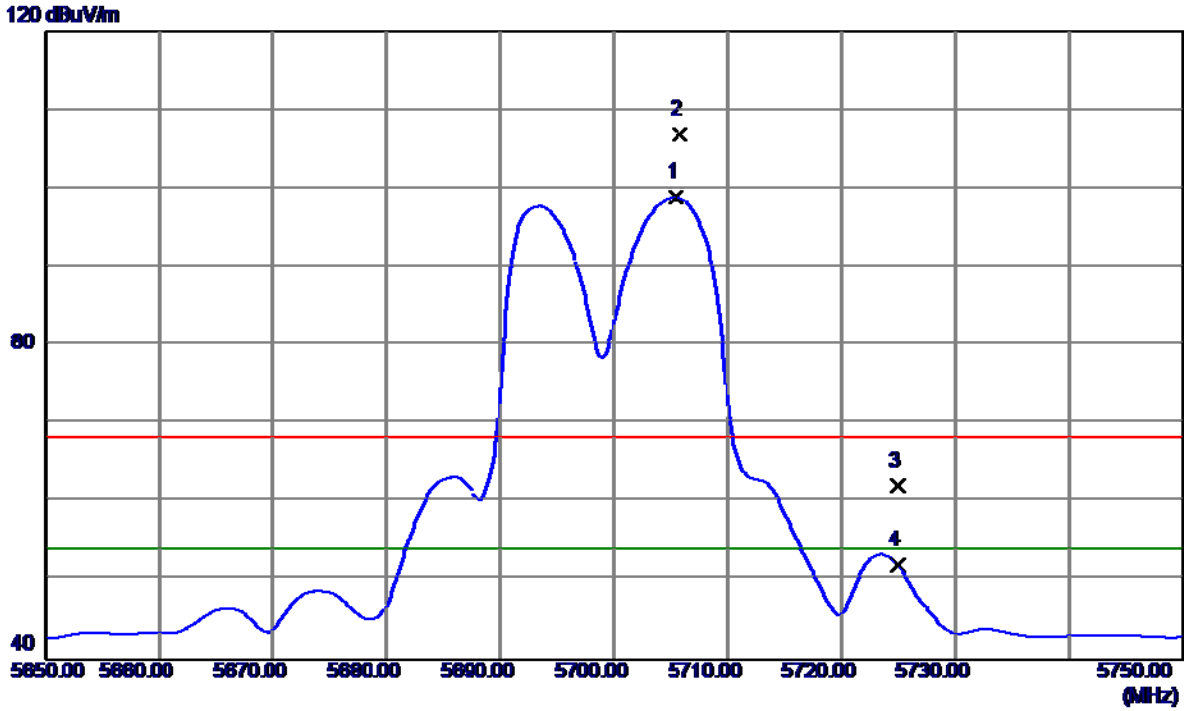
**Horizontal**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7439.7600	40.73	11.63	52.36	68.20	-15.84	Peak	
2 *	7439.8200	38.26	11.63	49.89	54.00	-4.11	AVG	

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

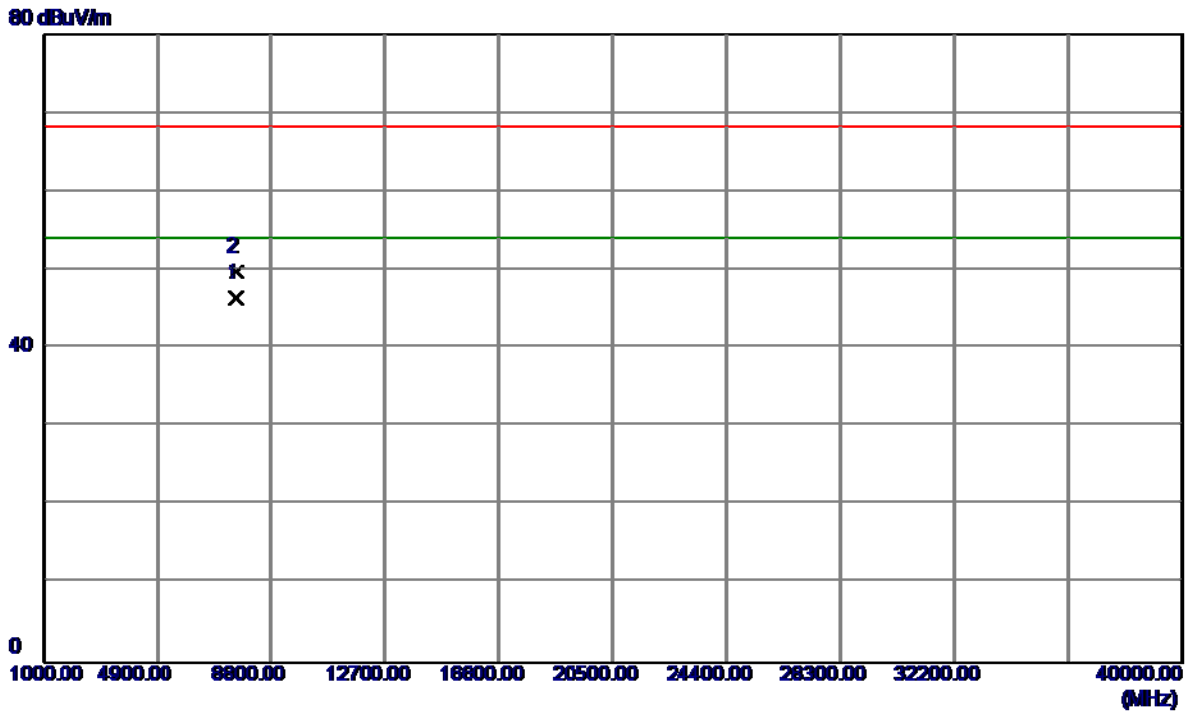
**Vertical**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5705.4000	56.39	42.51	98.90	54.00	44.90	AVG	No Limit
2	5705.8000	64.42	42.51	106.93	68.30	38.63	Peak	No Limit
3	5725.0000	19.55	42.58	62.13	68.30	-6.17	Peak	
4	5725.0000	9.36	42.58	51.94	54.00	-2.06	AVG	

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

**Vertical**

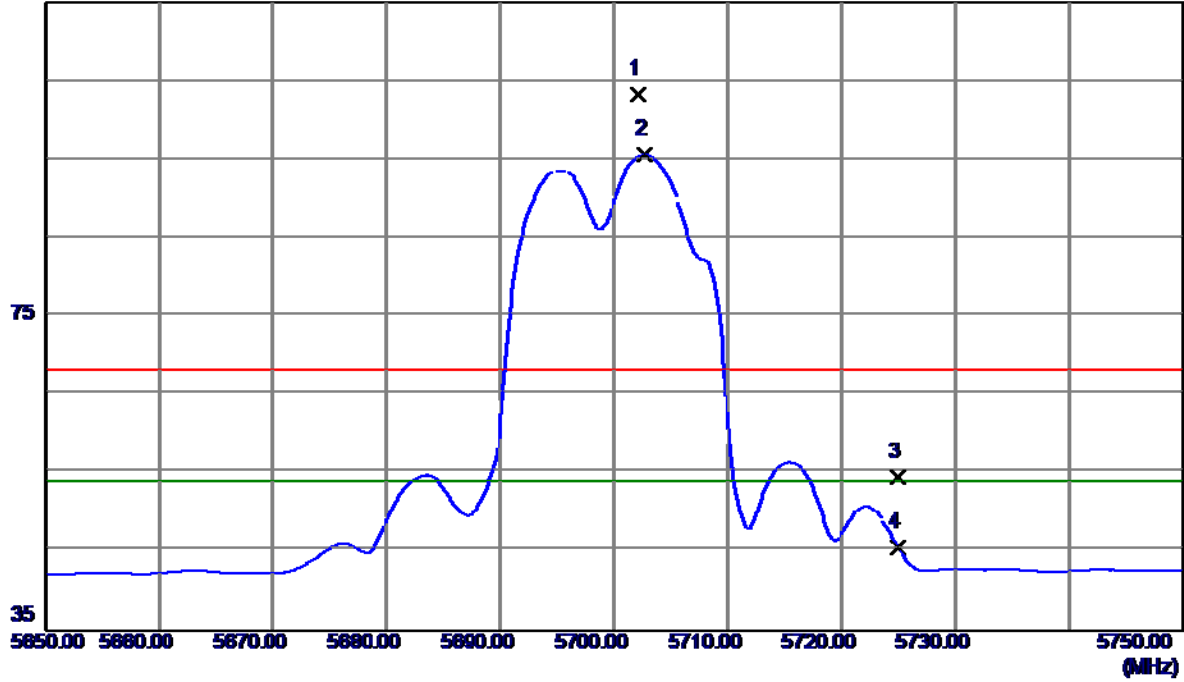


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7599.9450	34.64	11.74	46.38	54.00	-7.62	AVG	
2	7600.1500	38.00	11.74	49.74	68.30	-18.56	Peak	

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

### Horizontal

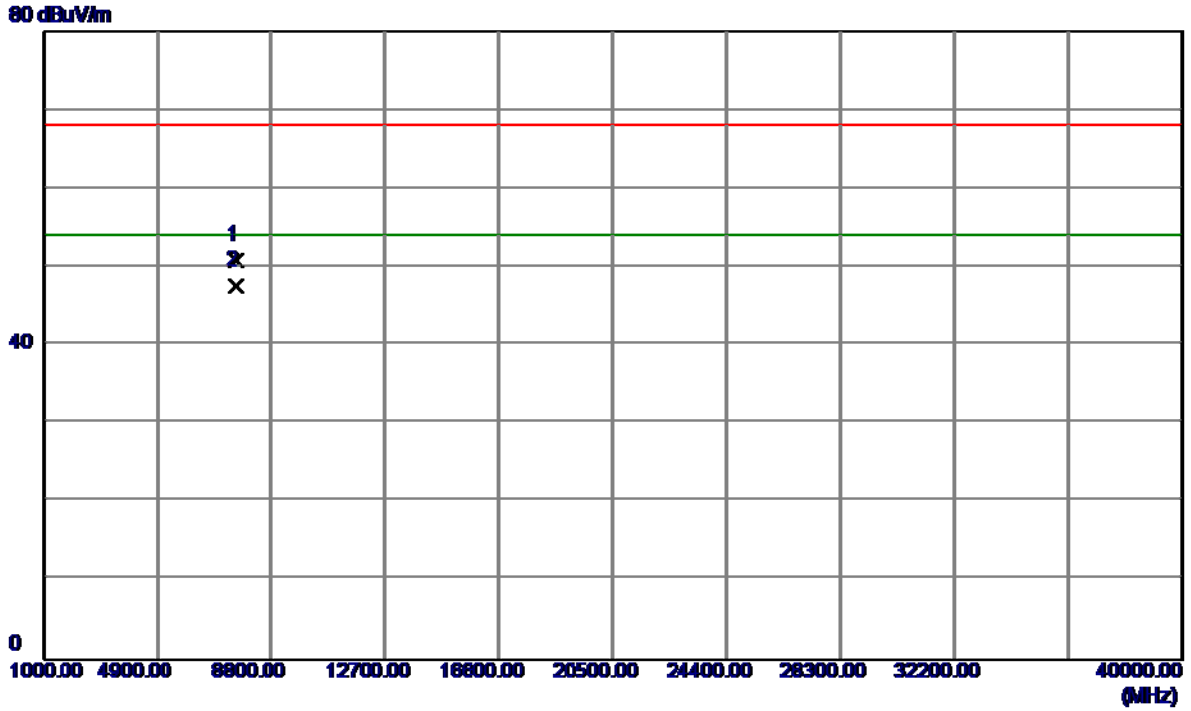
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5702.1500	60.76	42.50	103.26	68.20	35.06	Peak	No Limit
2 *	5702.7000	53.14	42.50	95.64	54.00	41.64	AVG	No Limit
3	5725.0000	11.92	42.58	54.50	68.20	-13.70	Peak	
4	5725.0000	3.05	42.58	45.63	54.00	-8.37	AVG	

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

**Horizontal**

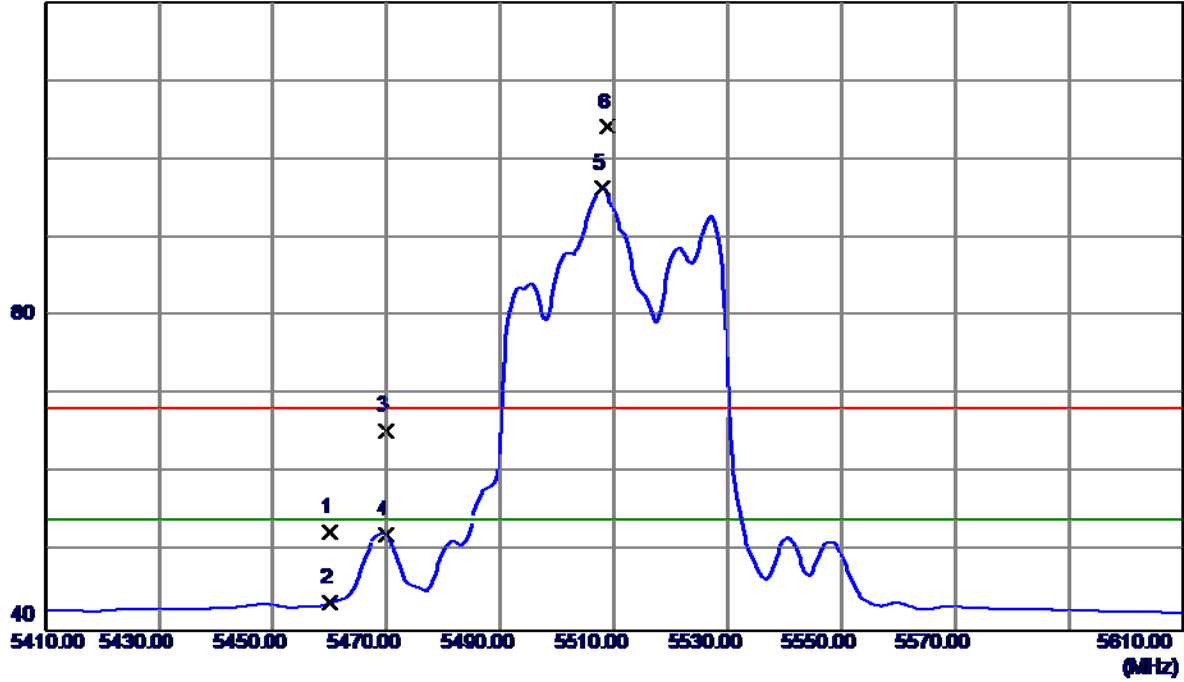


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7599.7230	39.16	11.74	50.90	68.20	-17.30	Peak	
2 *	7599.8640	35.86	11.74	47.60	54.00	-6.40	AVG	

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

**Vertical**

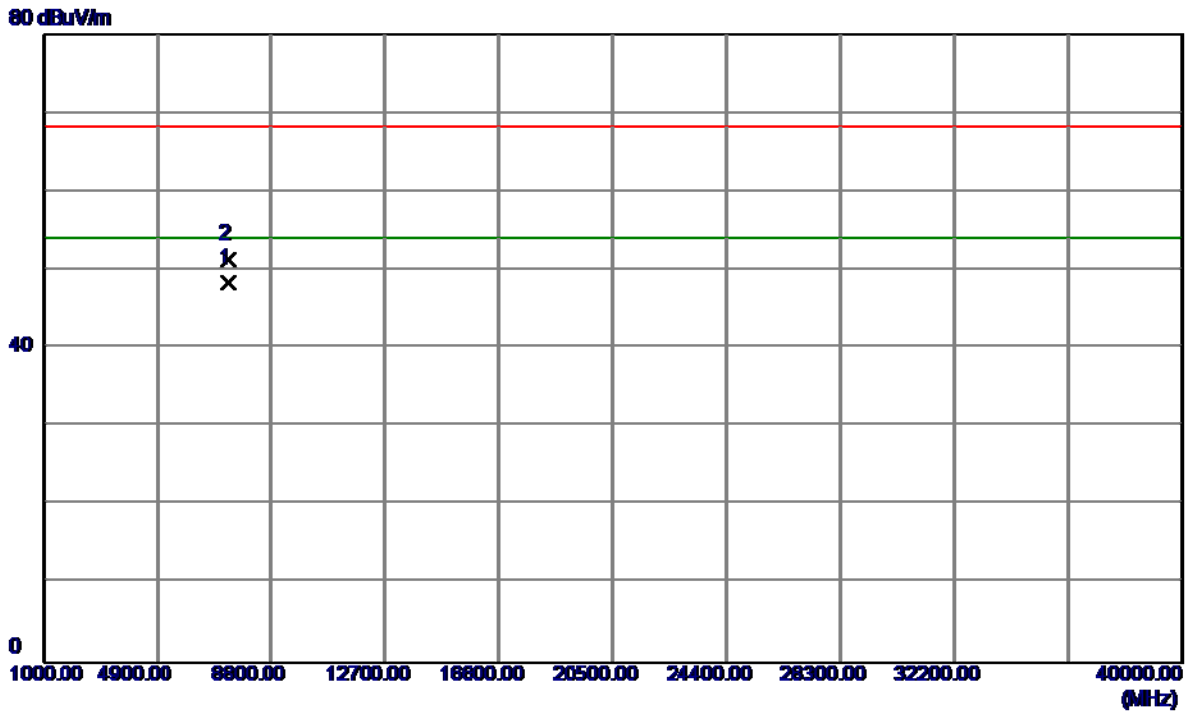
120 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5460.0000	10.76	41.65	52.41	68.30	-15.89	Peak	
2	5460.0000	1.82	41.65	43.47	54.00	-10.53	AVG	
3	5470.0000	23.82	41.68	65.50	68.30	-2.80	Peak	
4	5470.0000	10.43	41.68	52.11	54.00	-1.89	AVG	
5 *	5508.0000	54.52	41.81	96.33	54.00	42.33	AVG	No Limit
6	5508.8000	62.27	41.81	104.08	68.30	35.78	Peak	No Limit

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

**Vertical**

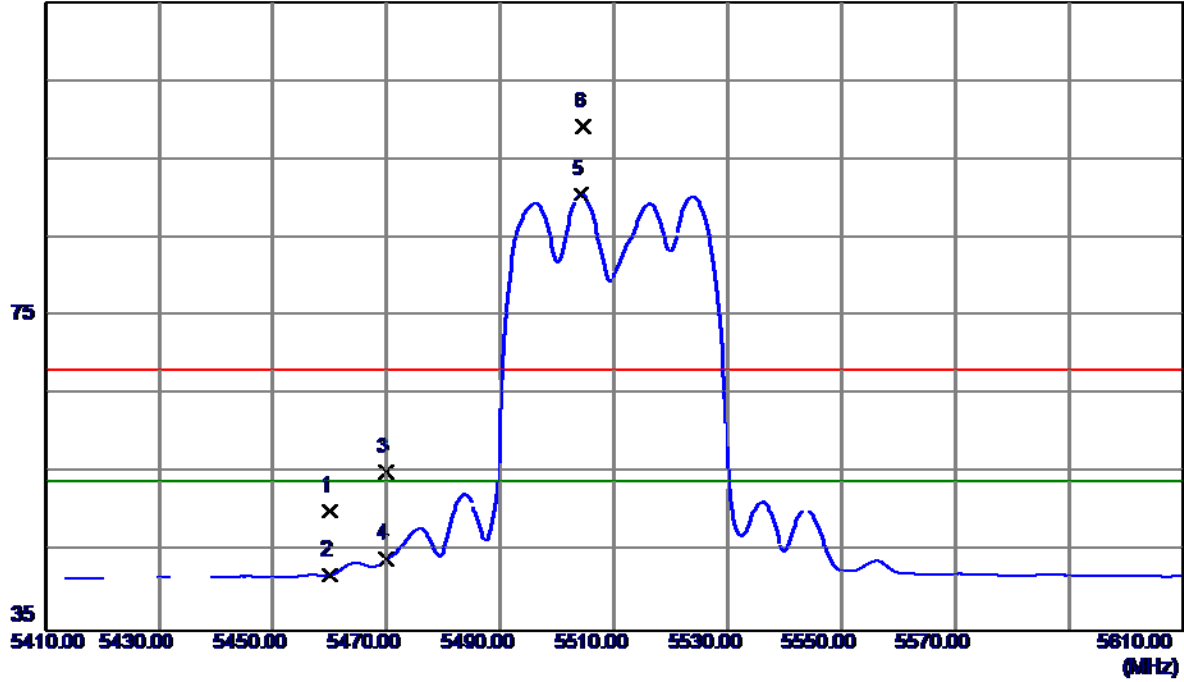


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7346.6350	36.81	11.44	48.25	54.00	-5.75	AVG	
2	7346.6600	39.98	11.44	51.42	68.30	-16.88	Peak	

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

**Horizontal**

115 dBuV/m

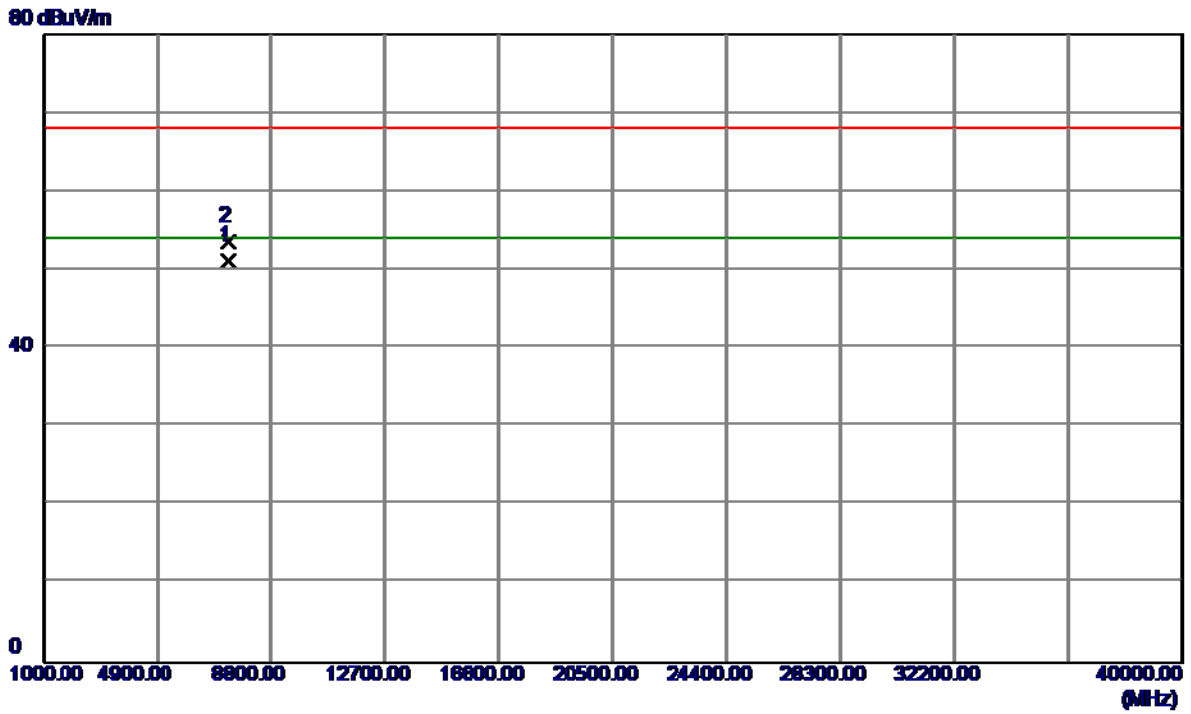


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5460.0000	8.61	41.65	50.26	68.20	-17.94	Peak	
2	5460.0000	0.46	41.65	42.11	54.00	-11.89	AVG	
3	5470.0000	13.45	41.68	55.13	68.20	-13.07	Peak	
4	5470.0000	2.46	41.68	44.14	54.00	-9.86	AVG	
5 *	5504.2000	48.75	41.79	90.54	54.00	36.54	AVG	No Limit
6	5504.7000	57.38	41.80	99.18	68.20	30.98	Peak	No Limit



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

**Horizontal**

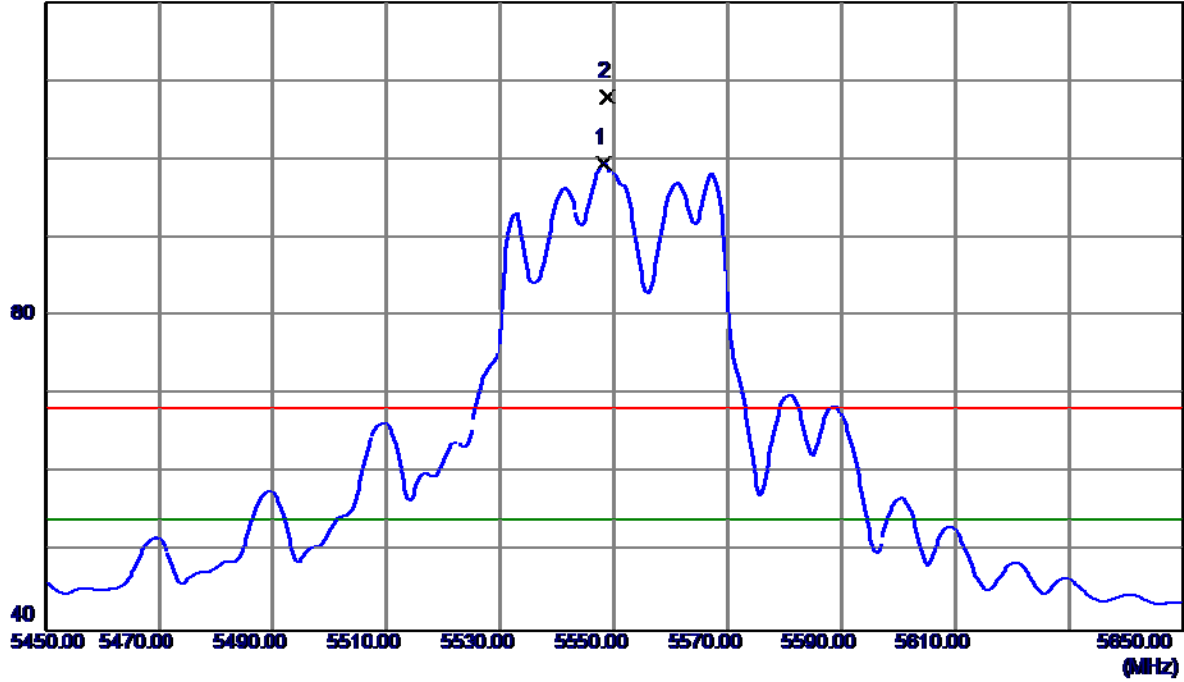


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7346.6200	39.80	11.44	51.24	54.00	-2.76	AVG	
2	7346.7480	42.18	11.44	53.62	68.20	-14.58	Peak	

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

**Vertical**

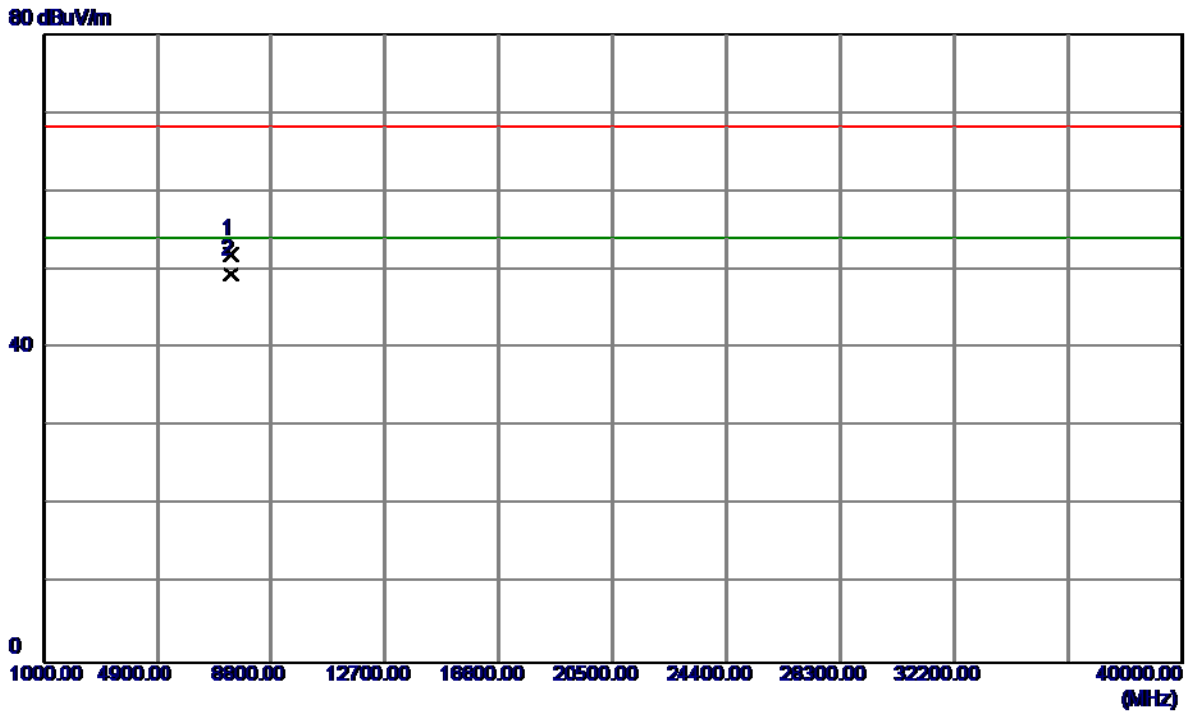
120 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5548.2000	57.58	41.95	99.53	54.00	45.53	AVG	No Limit
2	5548.8000	66.06	41.95	108.01	68.30	39.71	Peak	No Limit

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

**Vertical**

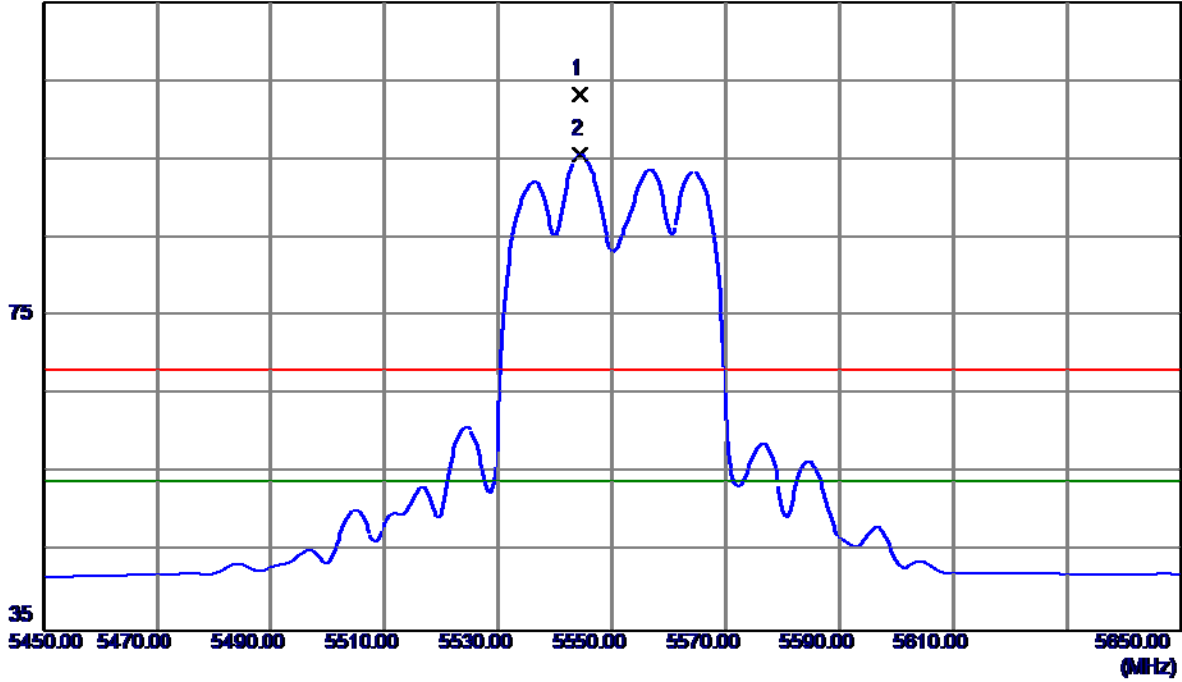


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7399.8900	40.52	11.55	52.07	68.30	-16.23	Peak	
2 *	7399.9450	37.89	11.55	49.44	54.00	-4.56	AVG	

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

**Horizontal**

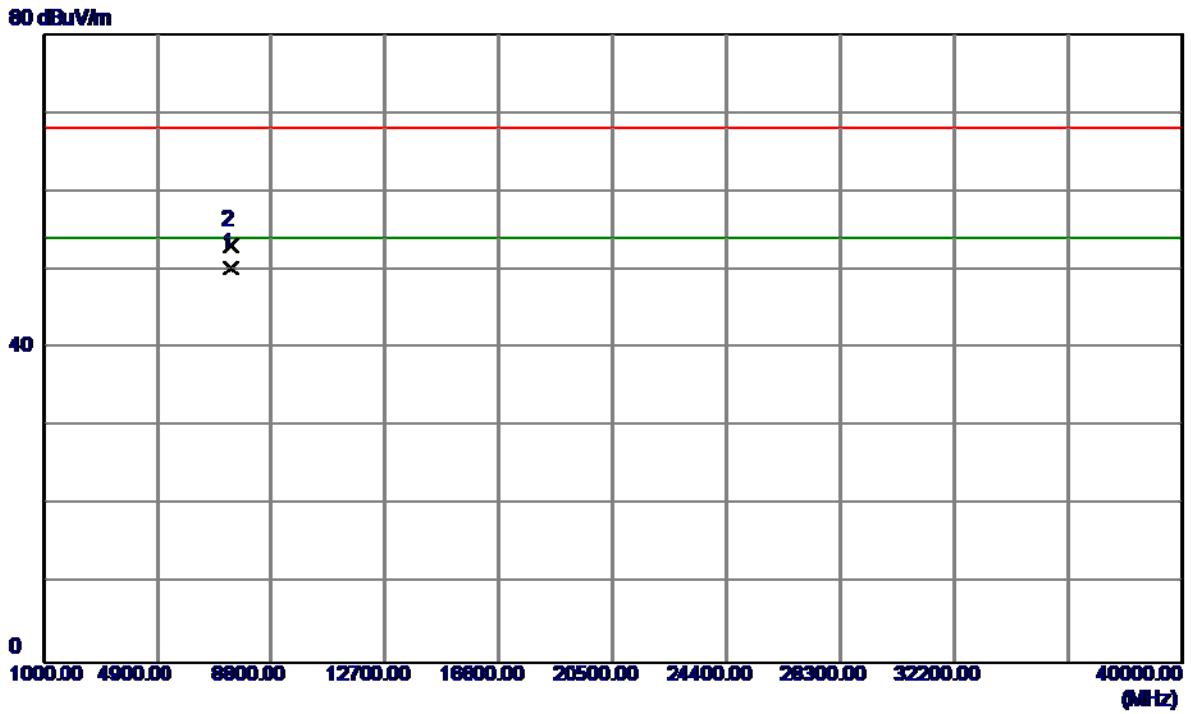
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5544.4000	61.38	41.94	103.32	68.20	35.12	Peak	No Limit
2 *	5544.5000	53.73	41.94	95.67	54.00	41.67	AVG	No Limit

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

**Horizontal**

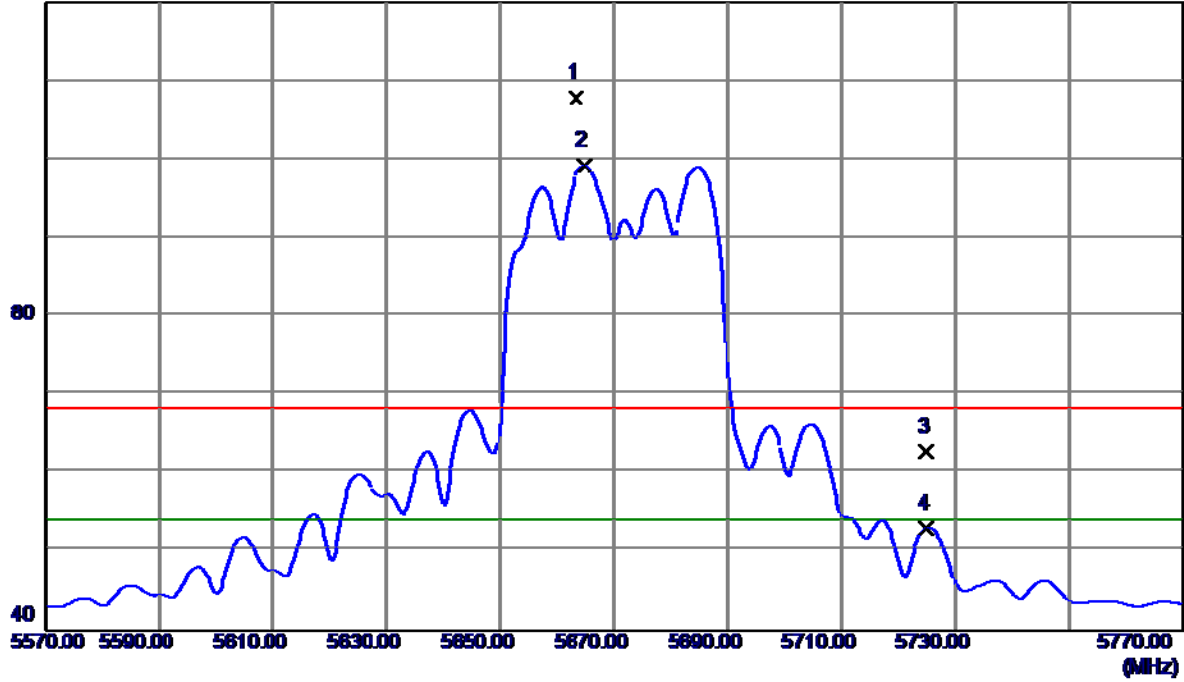


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7399.8430	38.70	11.55	50.25	54.00	-3.75	AVG	
2	7399.9230	41.58	11.55	53.13	68.20	-15.07	Peak	

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

**Vertical**

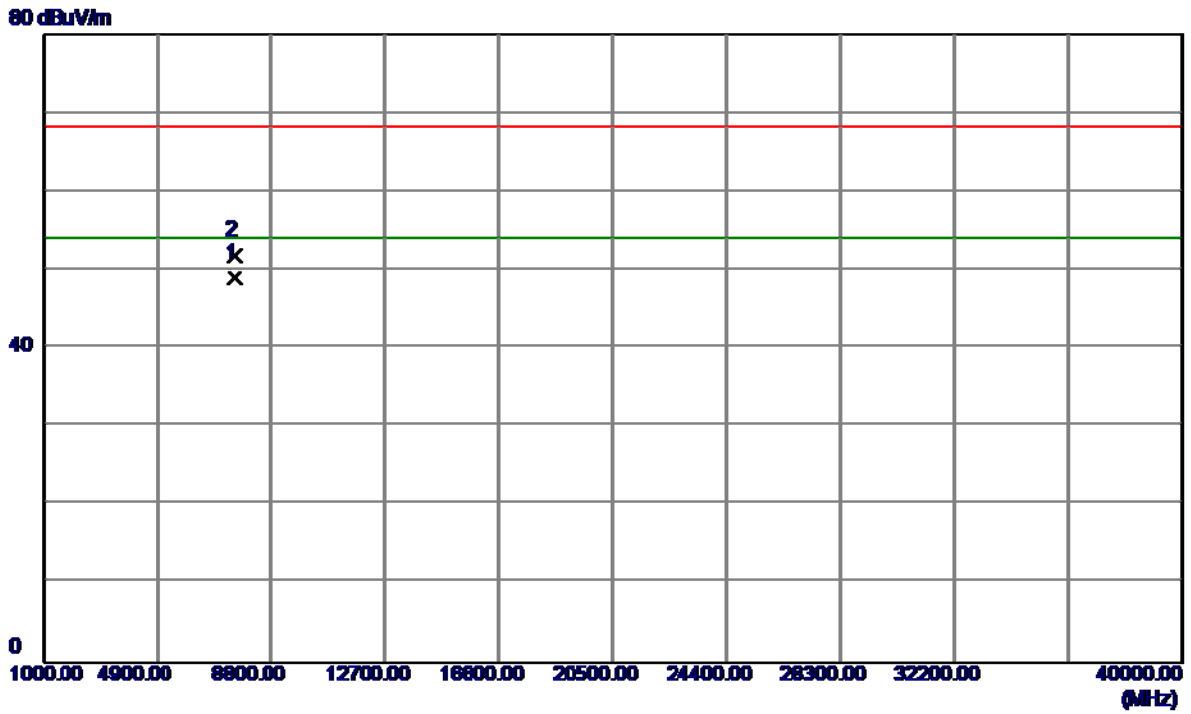
120 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5663.4000	65.44	42.36	107.80	68.30	39.50	Peak	No Limit
2 *	5664.8000	56.83	42.37	99.20	54.00	45.20	AVG	No Limit
3	5725.0000	20.10	42.58	62.68	68.30	-5.62	Peak	
4	5725.0000	10.41	42.58	52.99	54.00	-1.01	AVG	

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

**Vertical**

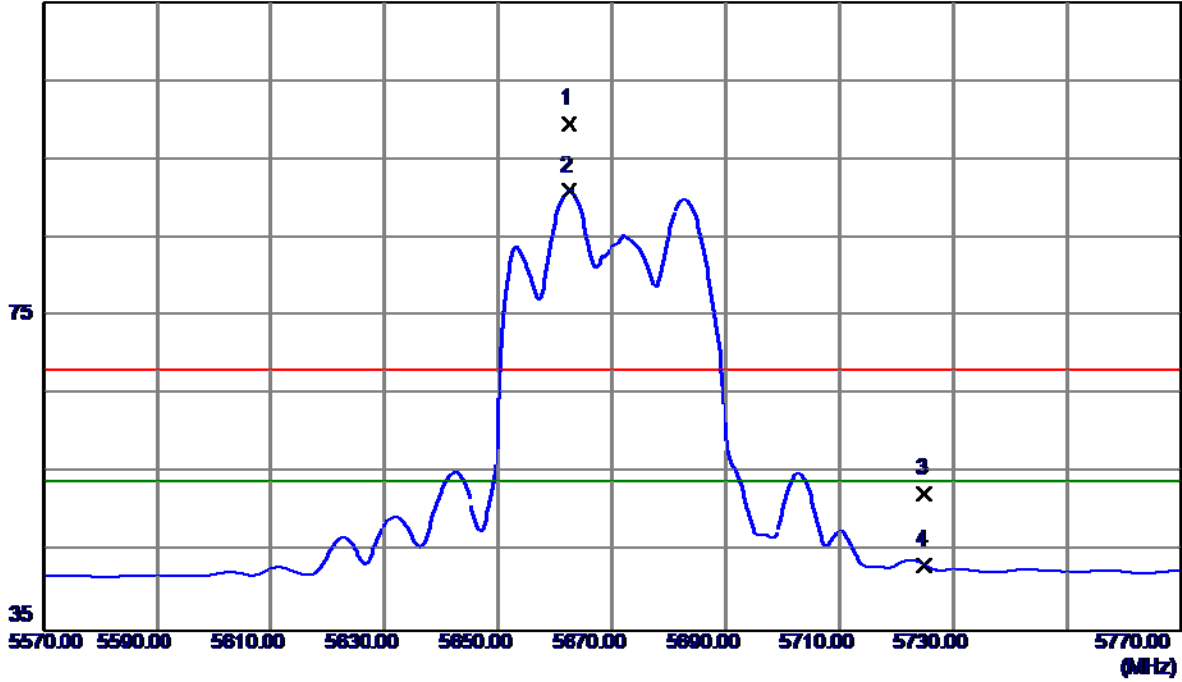


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7559.9800	37.22	11.75	48.97	54.00	-5.03	AVG	
2	7559.9850	40.15	11.75	51.90	68.30	-16.40	Peak	

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

**Horizontal**

115 dBuV/m

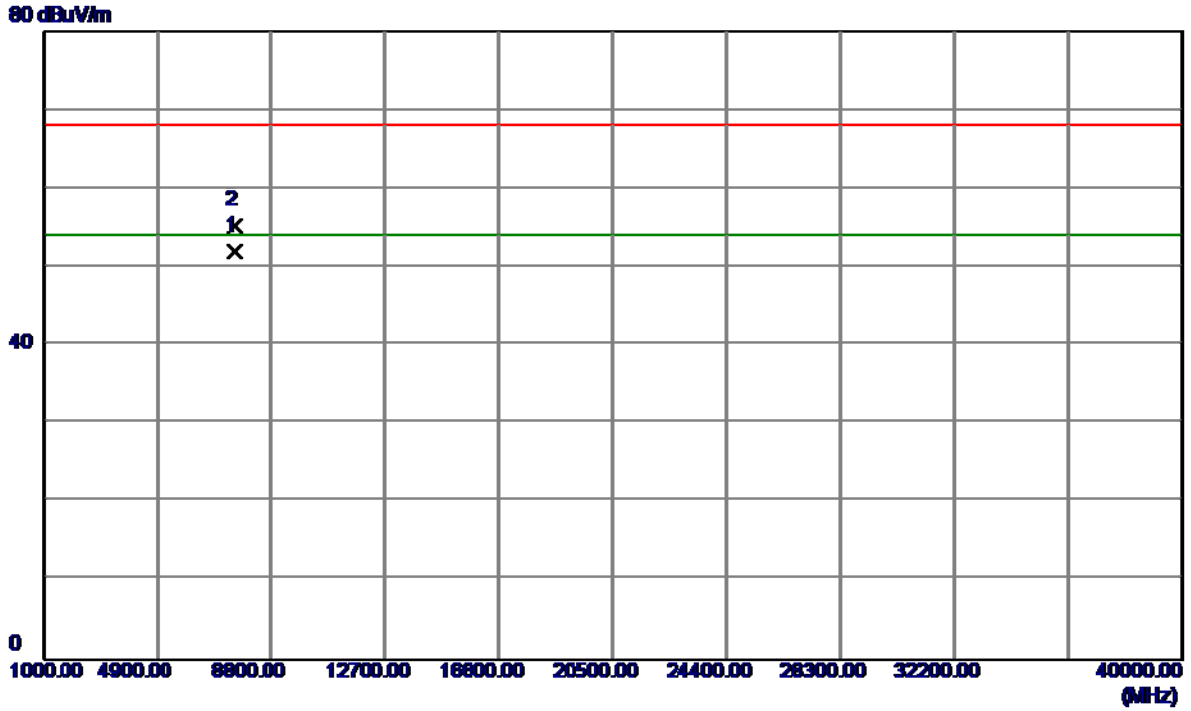


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5662.5000	57.20	42.36	99.56	68.20	31.36	Peak	No Limit
2 *	5662.5000	48.64	42.36	91.00	54.00	37.00	AVG	No Limit
3	5725.0000	9.79	42.58	52.37	68.20	-15.83	Peak	
4	5725.0000	0.76	42.58	43.34	54.00	-10.66	AVG	



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

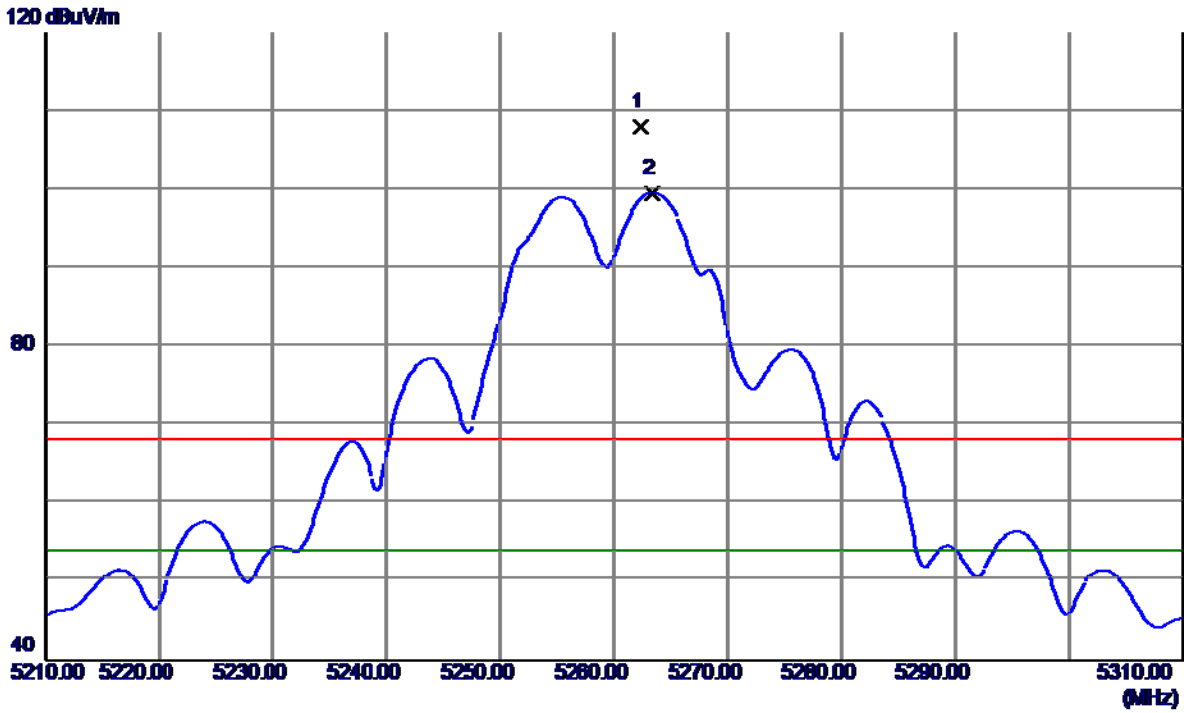
**Horizontal**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7559.1740	40.20	11.75	51.95	54.00	-2.05	AVG	
2	7559.8400	43.53	11.75	55.28	68.20	-12.92	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC Wave2(20 MHz) Mode 5260MHz

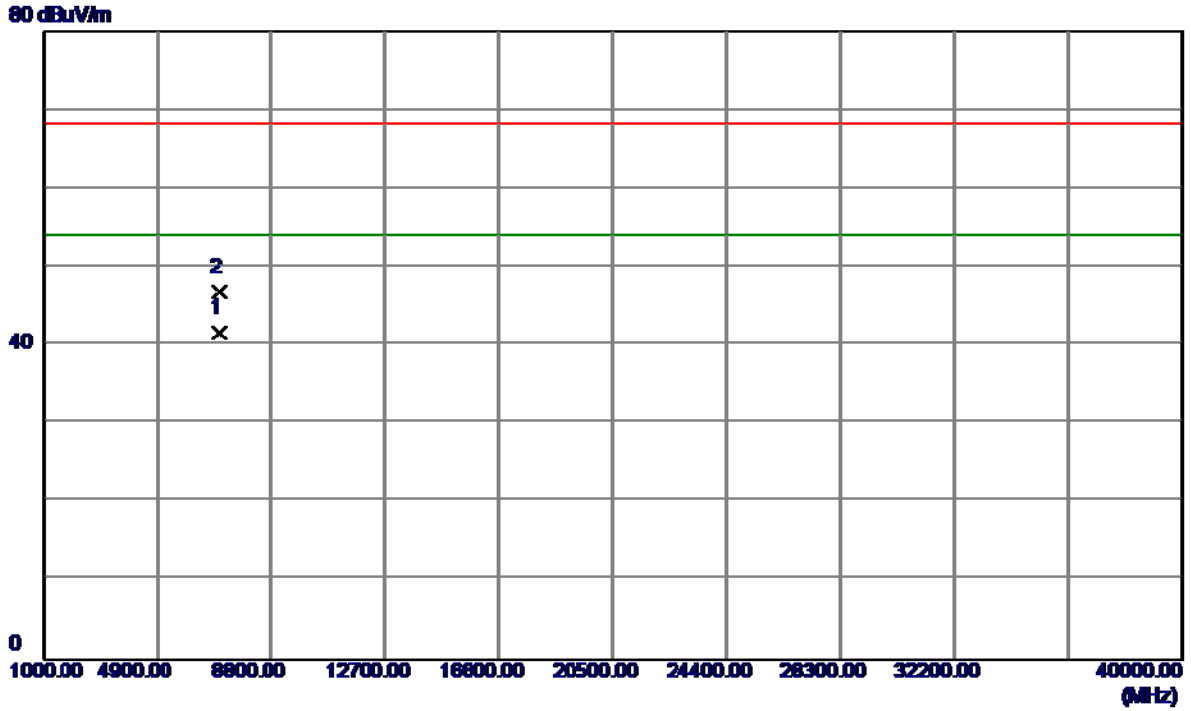
**Vertical**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5262.3000	66.98	41.00	107.98	68.30	39.68	Peak	No Limit
2 *	5263.3000	58.59	41.00	99.59	54.00	45.59	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC Wave2(20 MHz) Mode 5260MHz

**Vertical**

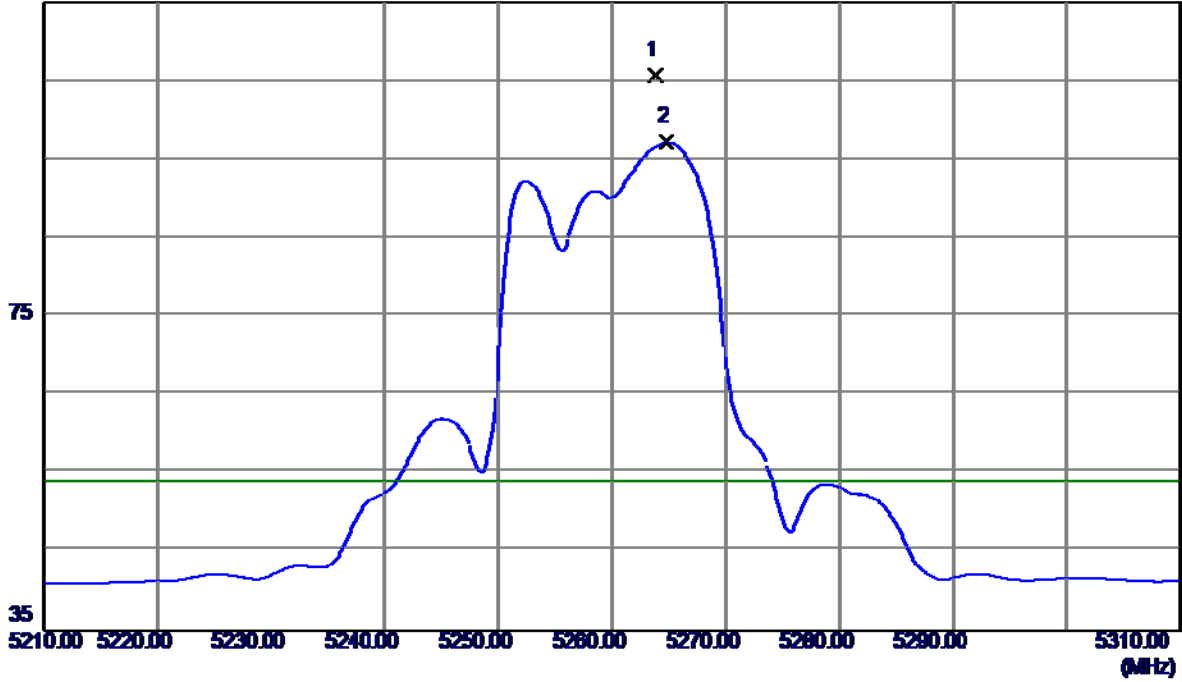


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7013.2950	30.89	10.78	41.67	54.00	-12.33	AVG	
2	7013.3450	36.02	10.78	46.80	68.30	-21.50	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC Wave2(20 MHz) Mode 5260MHz

**Horizontal**

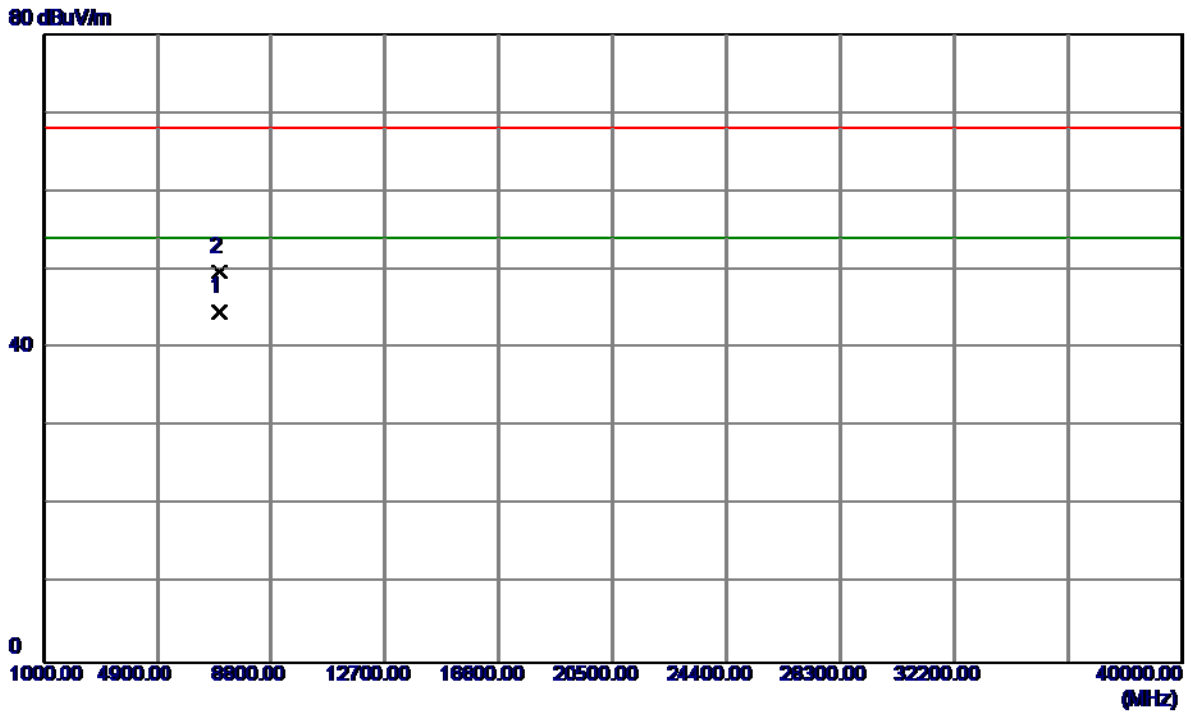
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5263.8000	64.77	41.00	105.77	68.20	37.57	Peak	No Limit
2 *	5264.7500	56.19	41.00	97.19	54.00	43.19	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC Wave2(20 MHz) Mode 5260MHz

**Horizontal**

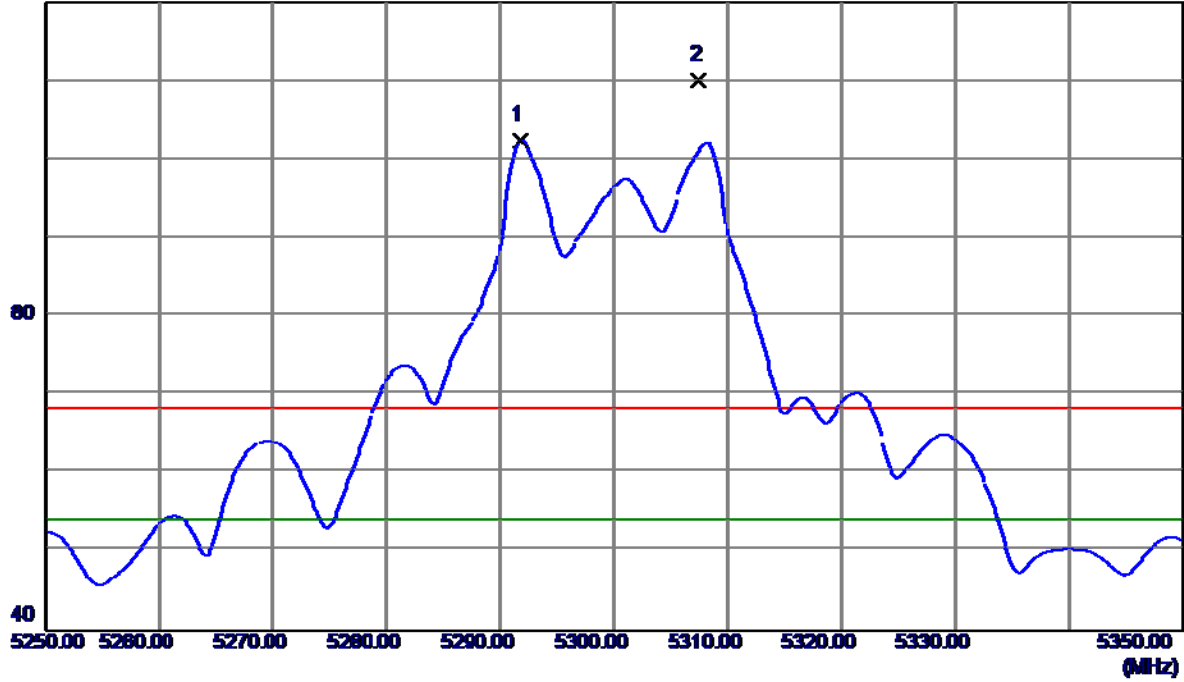


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7013.3540	33.79	10.78	44.57	54.00	-9.43	AVG	
2	7013.4420	39.02	10.78	49.80	68.20	-18.40	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC Wave2(20 MHz) Mode 5300MHz

**Vertical**

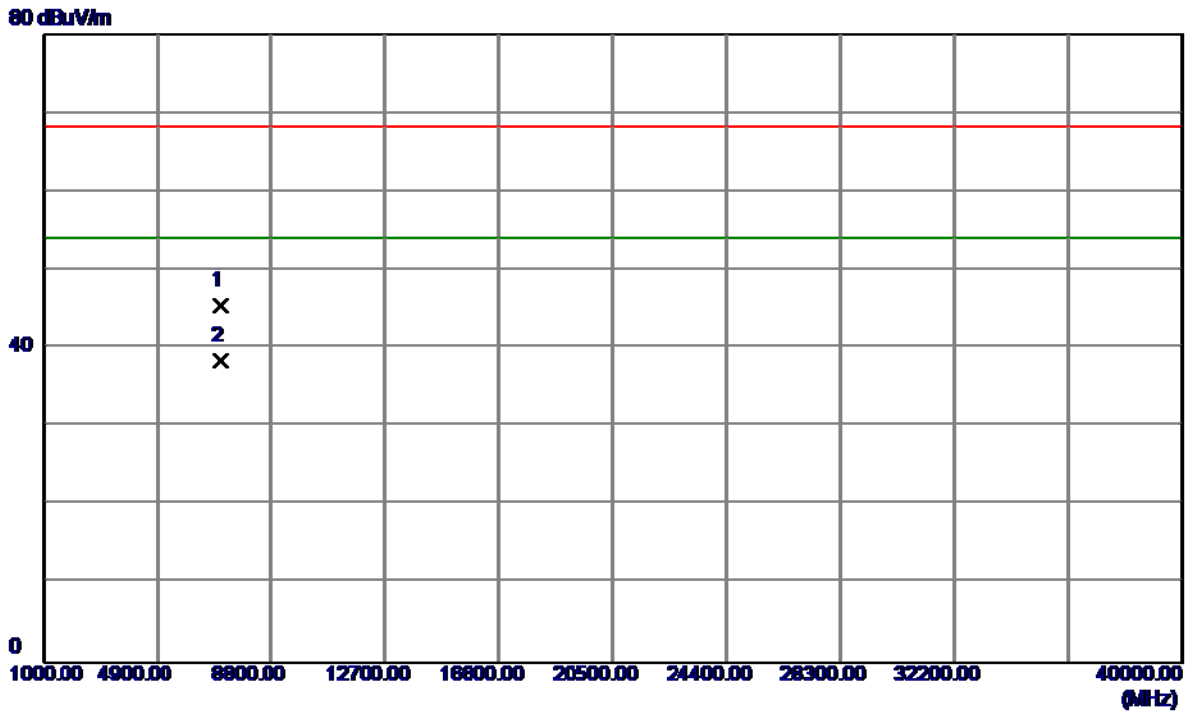
120 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5291.8000	61.35	41.09	102.44	54.00	48.44	AVG	No Limit
2	5307.5000	68.92	41.14	110.06	68.30	41.76	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC Wave2(20 MHz) Mode 5300MHz

**Vertical**

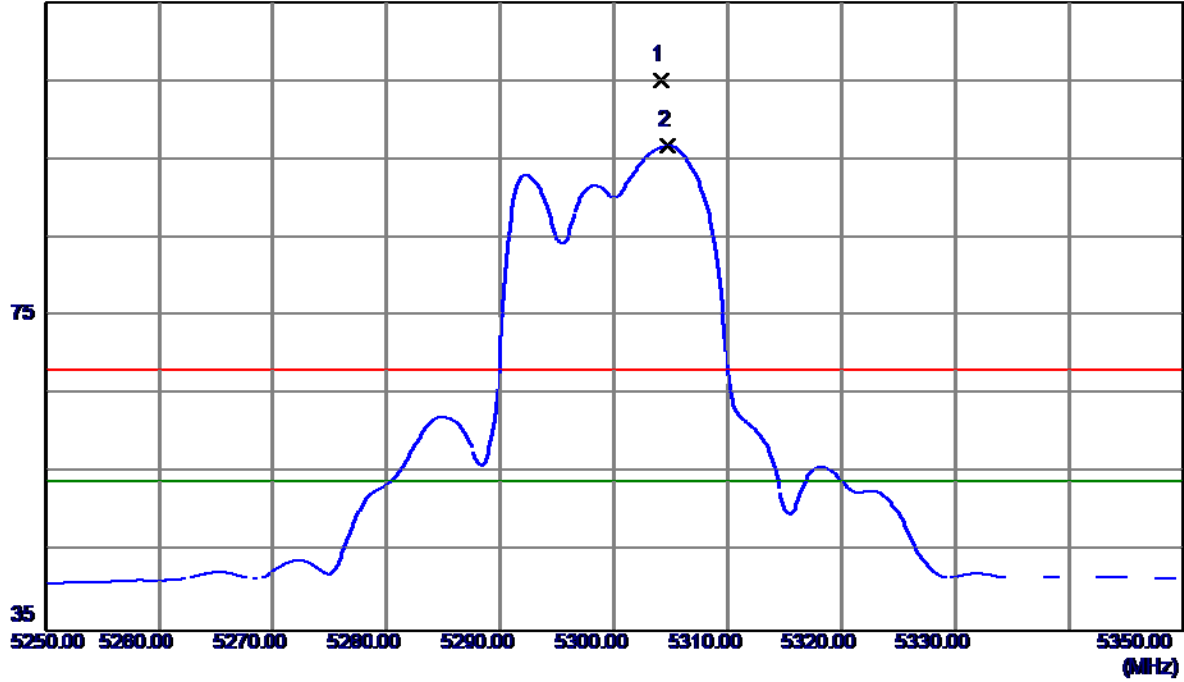


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7066.4850	34.62	10.88	45.50	68.30	-22.80	Peak	
2 *	7066.5800	27.49	10.88	38.37	54.00	-15.63	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC Wave2(20 MHz) Mode 5300MHz

**Horizontal**

115 dBuV/m

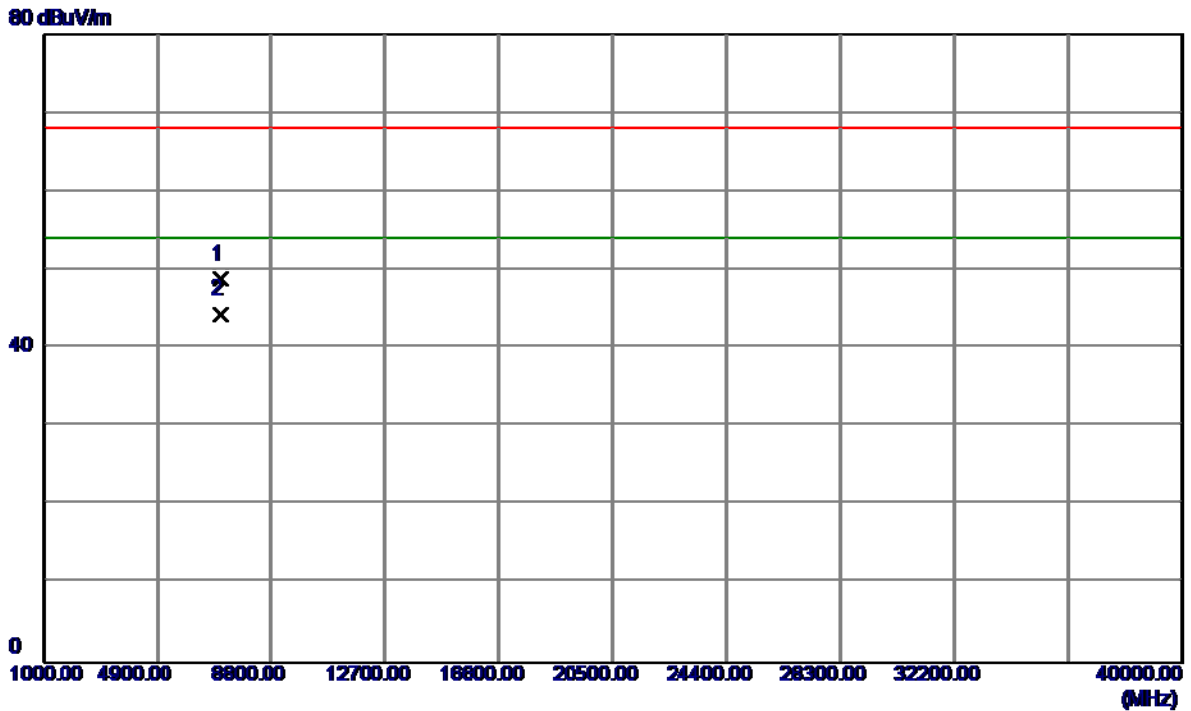


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5304.1500	63.98	41.13	105.11	68.20	36.91	Peak	No Limit
2 *	5304.7000	55.64	41.14	96.78	54.00	42.78	AVG	No Limit



Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC Wave2(20 MHz) Mode 5300MHz

**Horizontal**

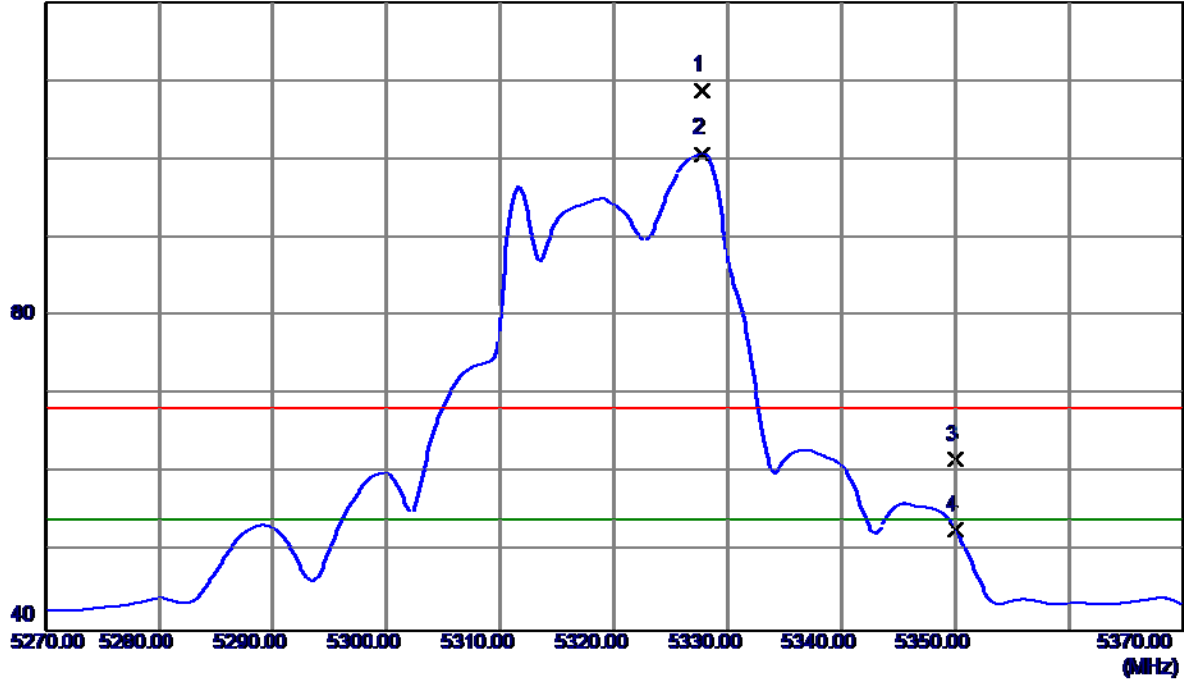


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7066.5950	37.87	10.88	48.75	68.20	-19.45	Peak	
2 *	7066.6350	33.43	10.88	44.31	54.00	-9.69	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC Wave2(20 MHz) Mode 5320MHz

**Vertical**

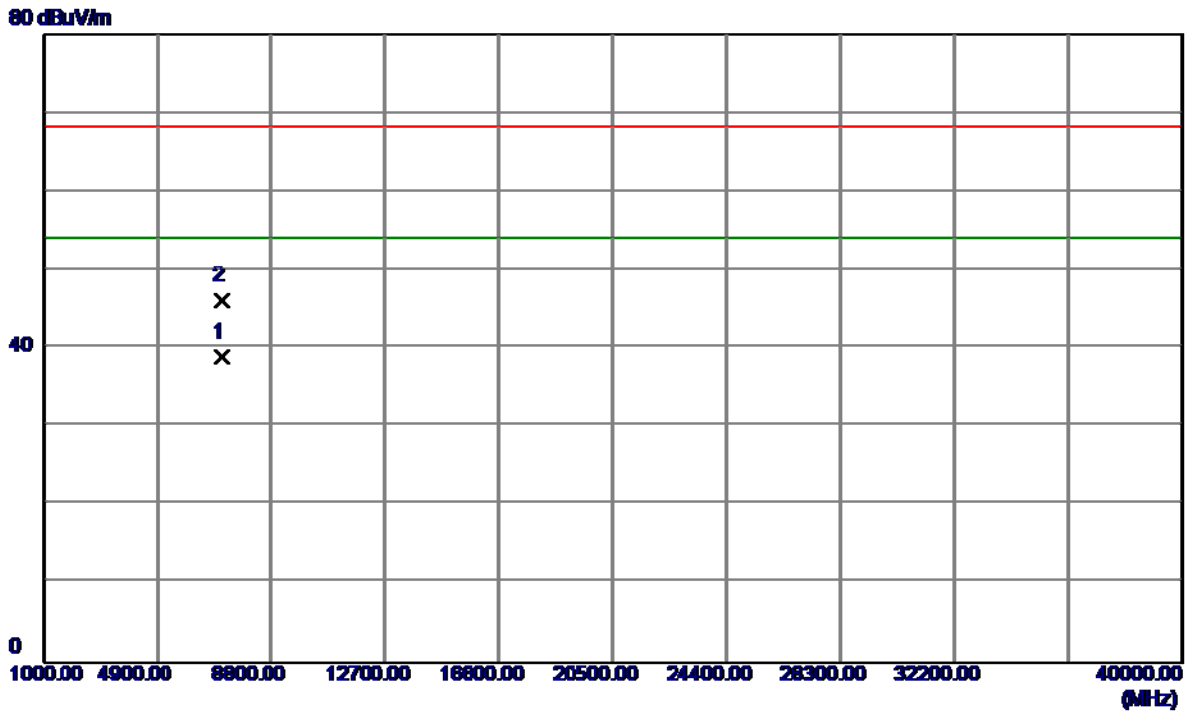
120 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5327.8000	67.67	41.21	108.88	68.30	40.58	Peak	No Limit
2 *	5327.8000	59.51	41.21	100.72	54.00	46.72	AVG	No Limit
3	5350.0000	20.53	41.28	61.81	68.30	-6.49	Peak	
4	5350.0000	11.45	41.28	52.73	54.00	-1.27	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC Wave2(20 MHz) Mode 5320MHz

**Vertical**

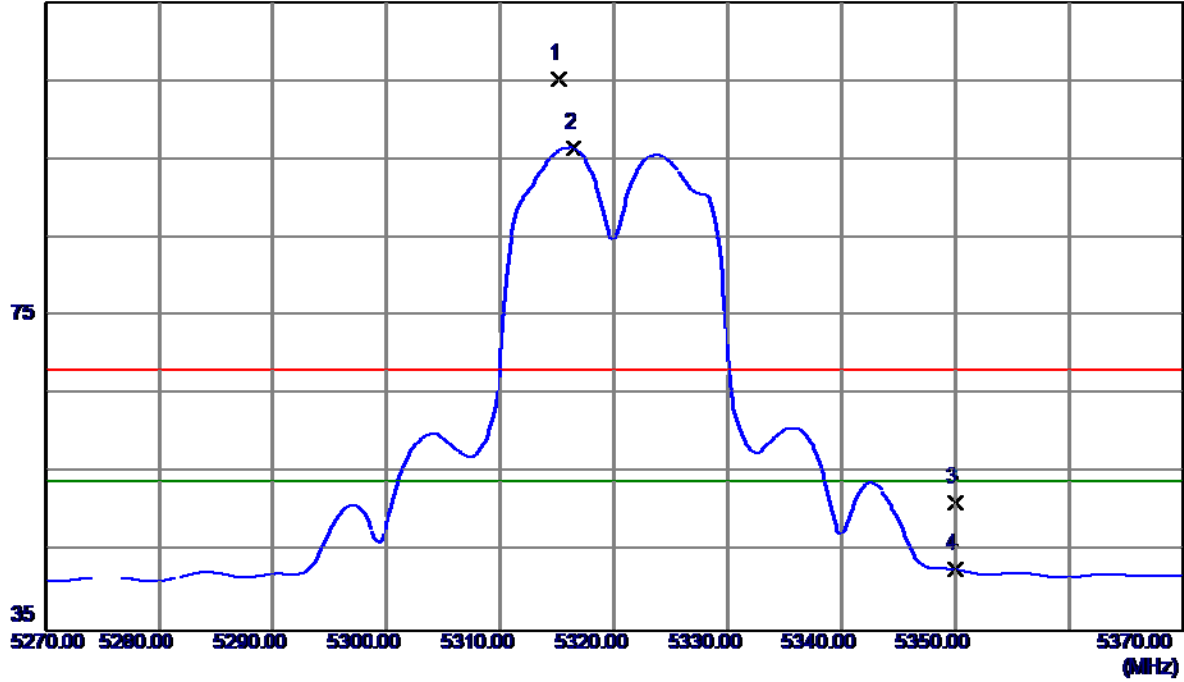


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7093.3350	27.98	10.94	38.92	54.00	-15.08	AVG	
2	7093.3450	35.11	10.94	46.05	68.30	-22.25	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC Wave2(20 MHz) Mode 5320MHz

### Horizontal

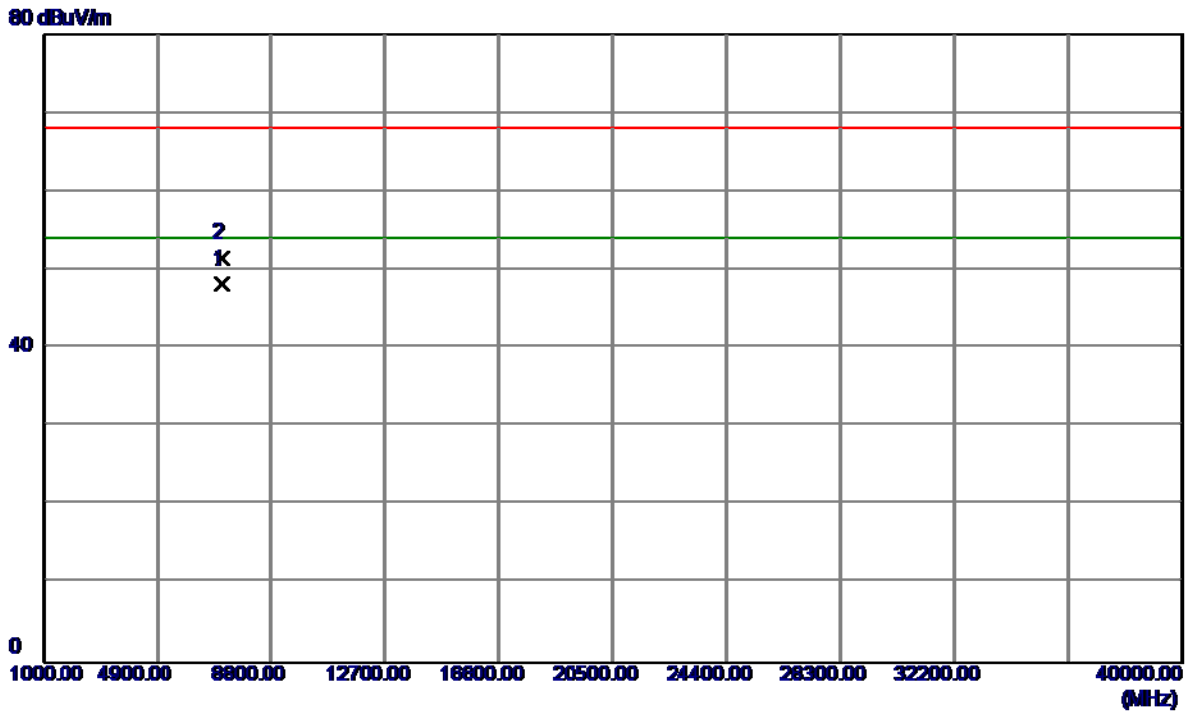
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5315.1000	64.11	41.17	105.28	68.20	37.08	Peak	No Limit
2 *	5316.4000	55.29	41.17	96.46	54.00	42.46	AVG	No Limit
3	5350.0000	10.02	41.28	51.30	68.20	-16.90	Peak	
4	5350.0000	1.50	41.28	42.78	54.00	-11.22	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC Wave2(20 MHz) Mode 5320MHz

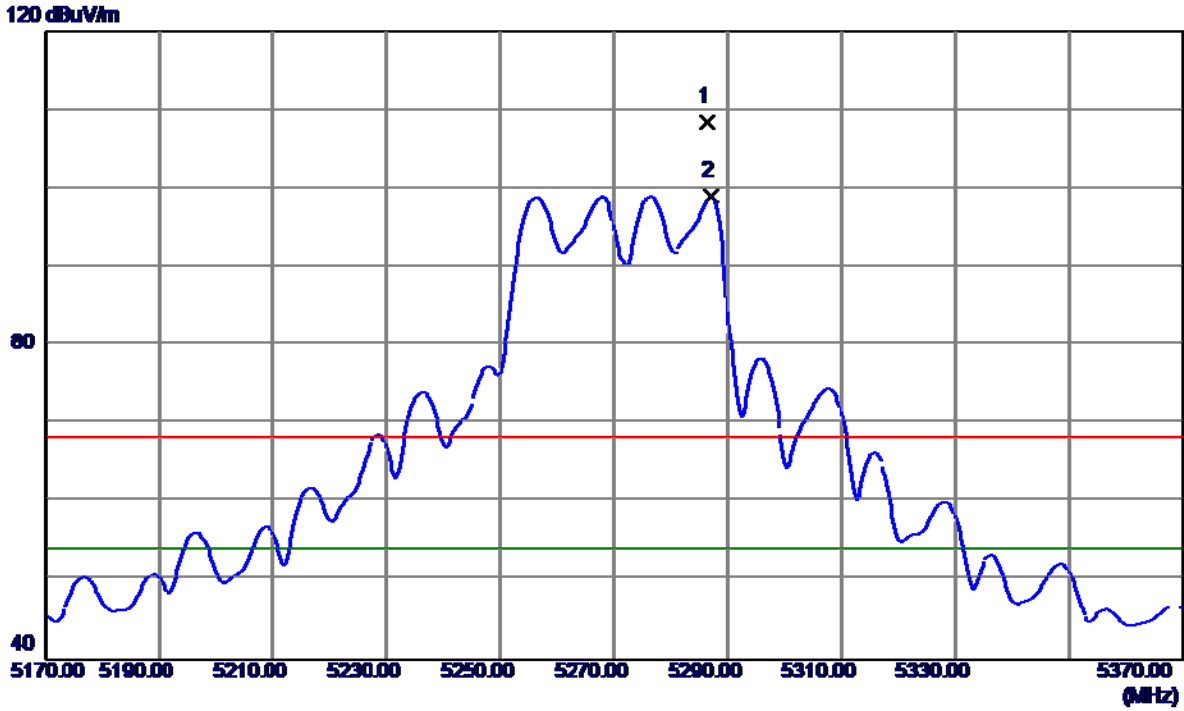
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7093.2900	37.22	10.94	48.16	54.00	-5.84	AVG	
2	7093.2920	40.58	10.94	51.52	68.20	-16.68	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC Wave2(40 MHz) Mode 5270MHz

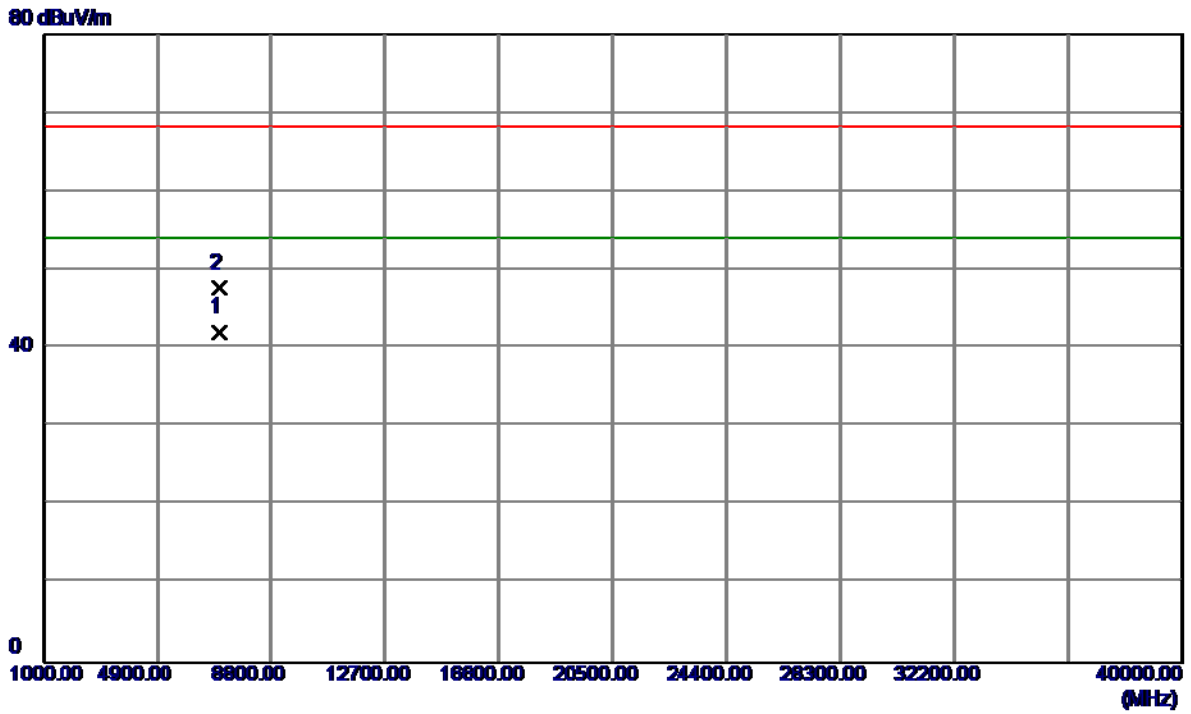
**Vertical**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5286.4000	67.41	41.08	108.49	68.30	40.19	Peak	No Limit
2 *	5287.2000	57.98	41.08	99.06	54.00	45.06	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC Wave2(40 MHz) Mode 5270MHz

**Vertical**

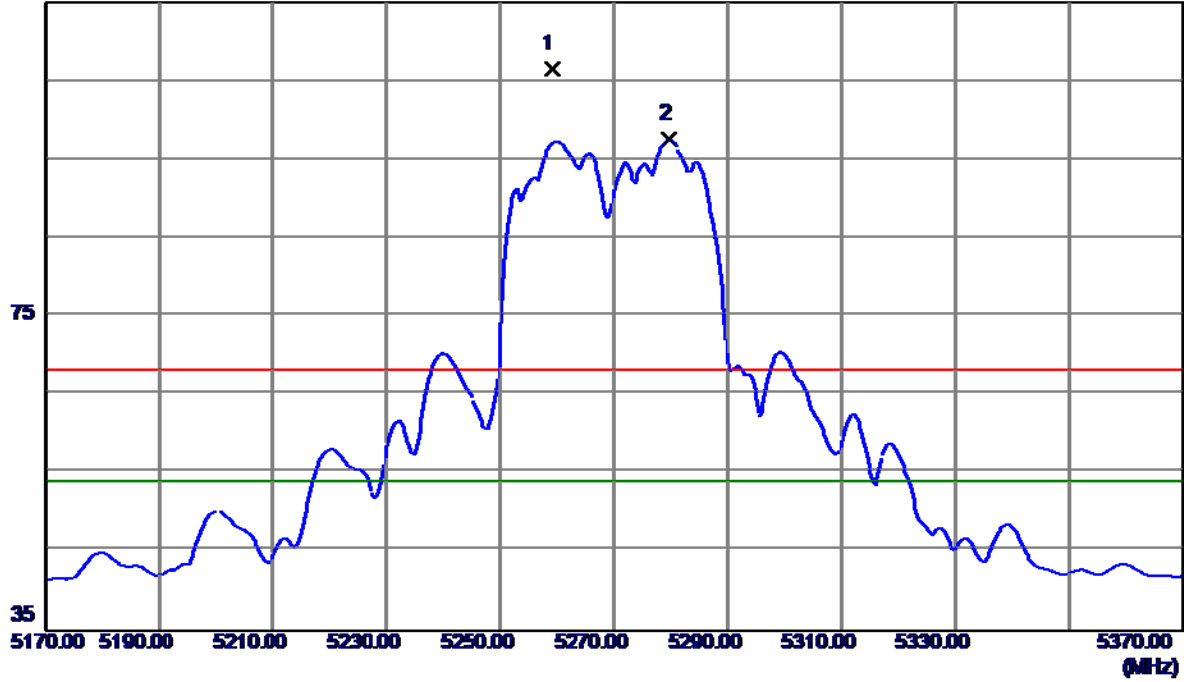


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7026.6000	31.34	10.80	42.14	54.00	-11.86	AVG	
2	7026.7550	36.88	10.80	47.68	68.30	-20.62	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC Wave2(40 MHz) Mode 5270MHz

**Horizontal**

115 dBuV/m

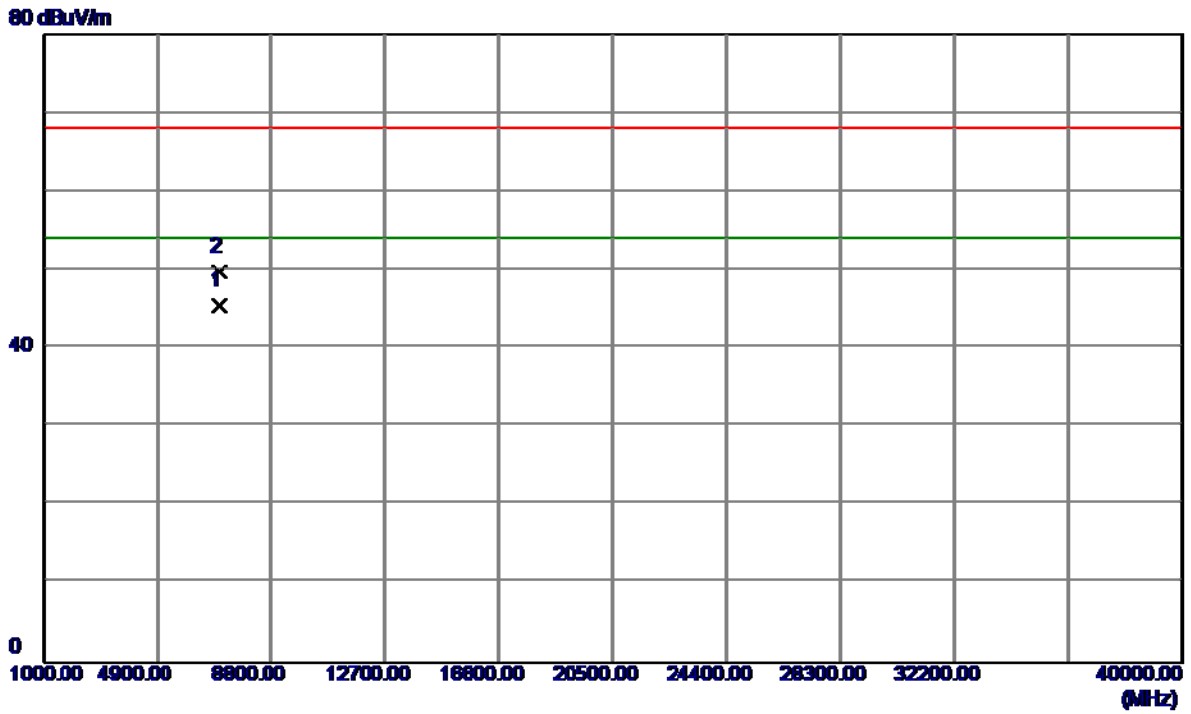


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5259.0000	65.48	40.98	106.46	68.20	38.26	Peak	No Limit
2 *	5279.6000	56.43	41.05	97.48	54.00	43.48	AVG	No Limit



Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC Wave2(40 MHz) Mode 5270MHz

**Horizontal**

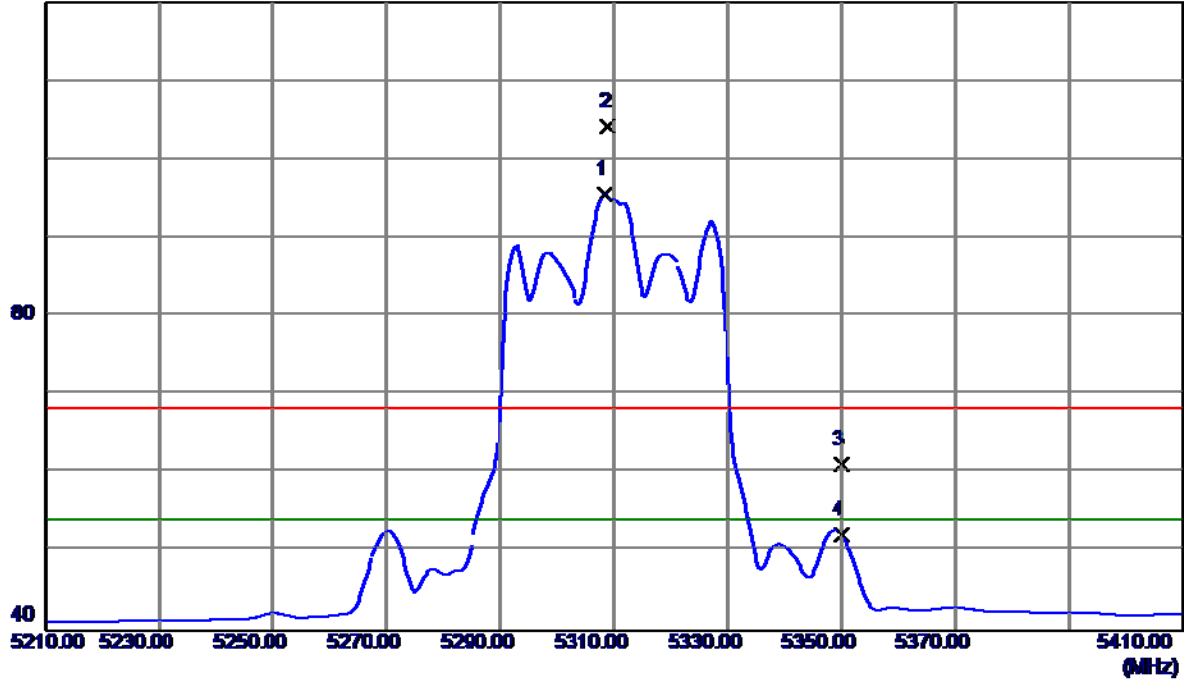


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7026.6250	34.71	10.80	45.51	54.00	-8.49	AVG	
2	7026.6450	38.99	10.80	49.79	68.20	-18.41	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC Wave2(40 MHz) Mode 5310MHz

**Vertical**

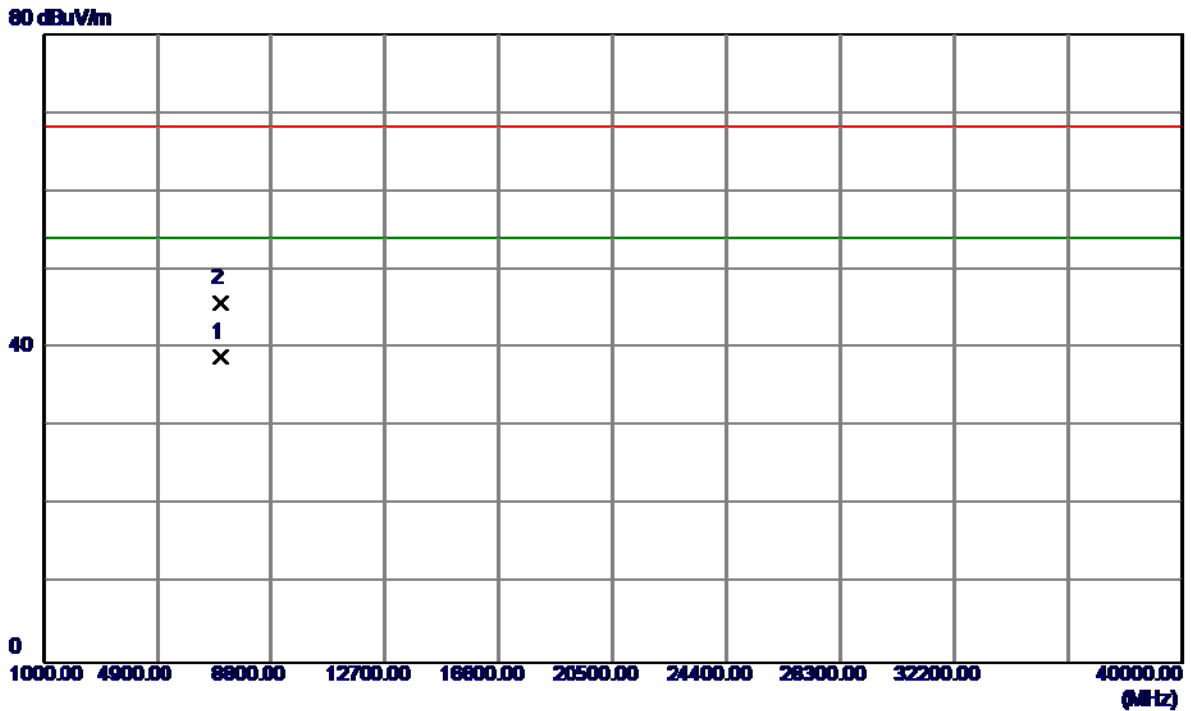
120 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5308.4000	54.38	41.15	95.53	54.00	41.53	AVG	No Limit
2	5309.0000	63.08	41.15	104.23	68.30	35.93	Peak	No Limit
3	5350.0000	19.78	41.28	61.06	68.30	-7.24	Peak	
4	5350.0000	10.88	41.28	52.16	54.00	-1.84	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC Wave2(40 MHz) Mode 5310MHz

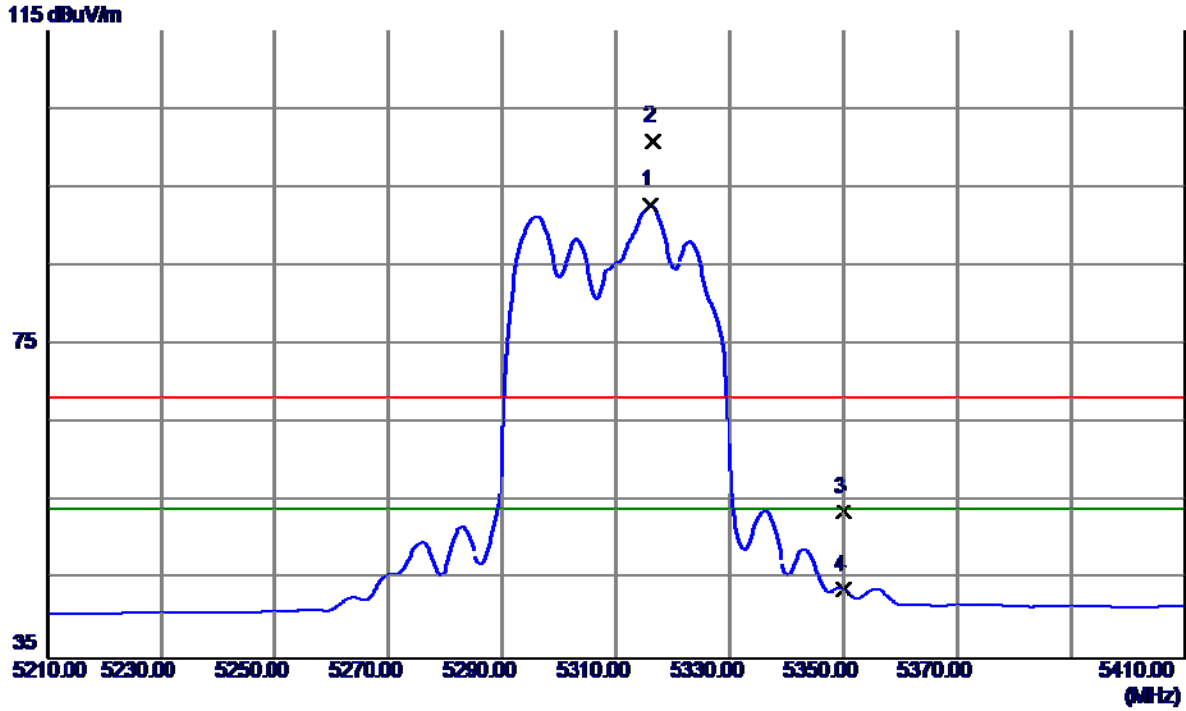
**Vertical**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7079.9900	27.95	10.91	38.86	54.00	-15.14	AVG	
2	7080.1250	34.85	10.91	45.76	68.30	-22.54	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC Wave2(40 MHz) Mode 5310MHz

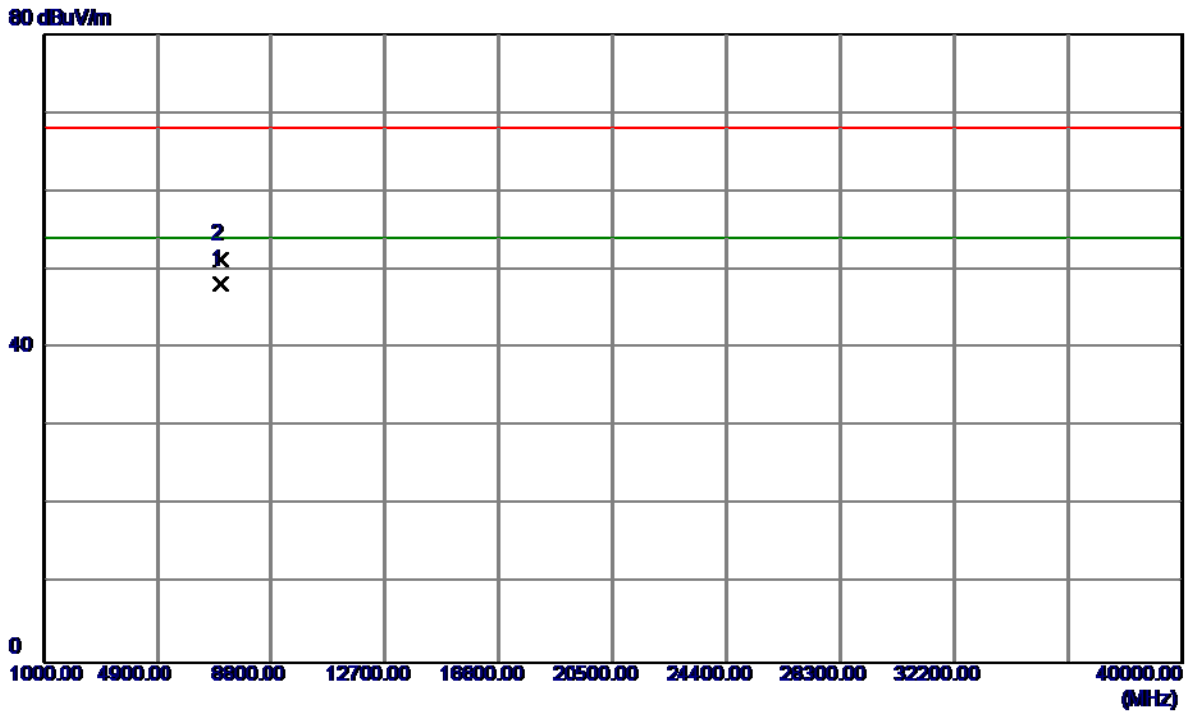
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5315.9000	51.53	41.17	92.70	54.00	38.70	AVG	No Limit
2	5316.4000	59.70	41.17	100.87	68.20	32.67	Peak	No Limit
3	5350.0000	12.45	41.28	53.73	68.20	-14.47	Peak	
4	5350.0000	2.49	41.28	43.77	54.00	-10.23	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC Wave2(40 MHz) Mode 5310MHz

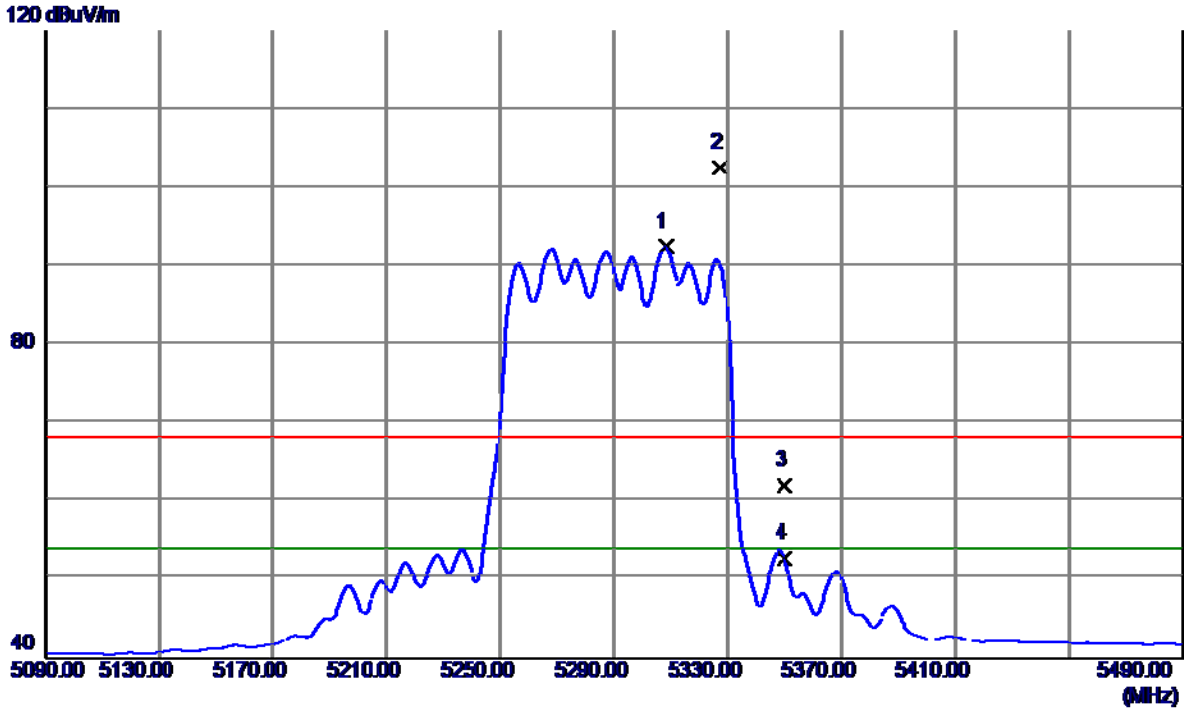
**Horizontal**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7079.9500	37.25	10.91	48.16	54.00	-5.84	AVG	
2	7079.9930	40.42	10.91	51.33	68.20	-16.87	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC Wave2(80 MHz) Mode 5290MHz

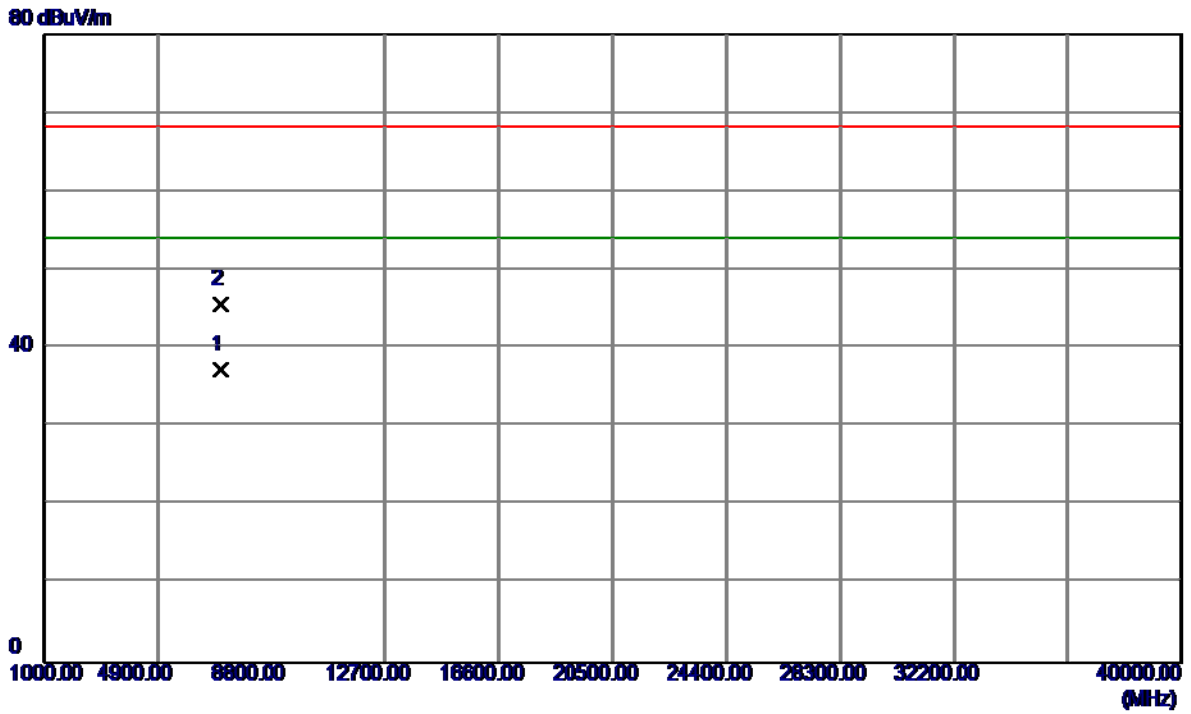
**Vertical**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5308.0000	51.32	41.15	92.47	54.00	38.47	AVG	No Limit
2	5327.2000	61.42	41.21	102.63	68.30	34.33	Peak	No Limit
3	5350.0000	20.80	41.28	62.08	68.30	-6.22	Peak	
4	5350.0000	11.55	41.28	52.83	54.00	-1.17	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC Wave2(80 MHz) Mode 5290MHz

**Vertical**

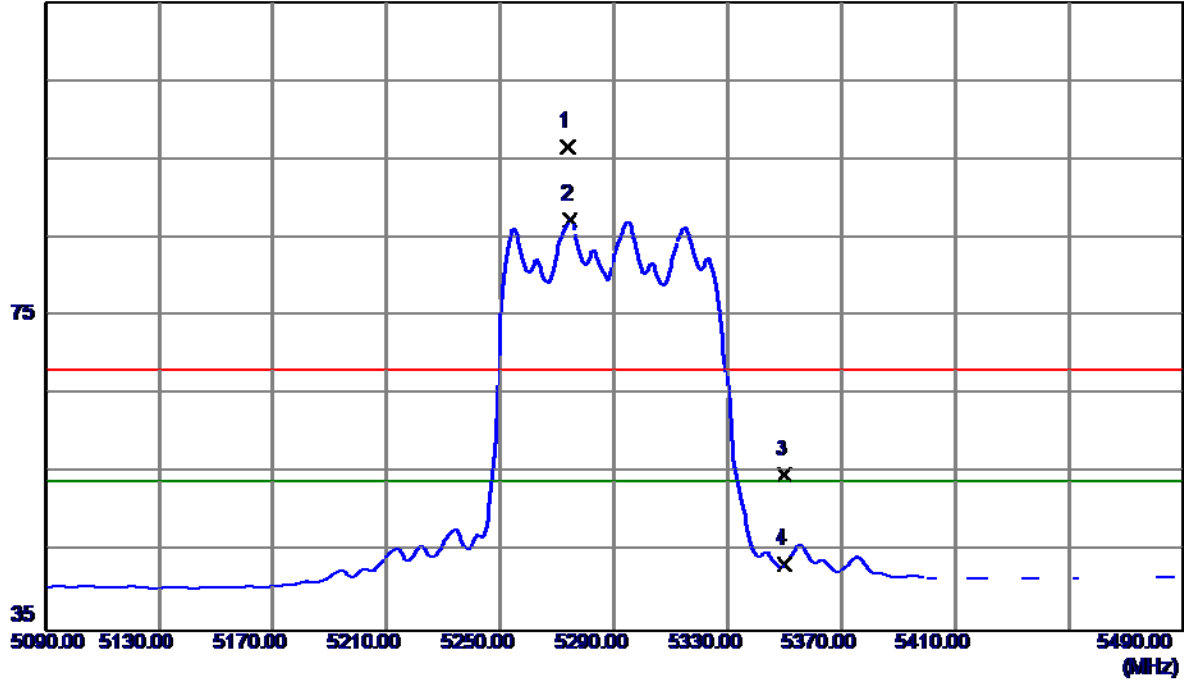


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7053.2550	26.35	10.86	37.21	54.00	-16.79	AVG	
2	7053.2750	34.67	10.86	45.53	68.30	-22.77	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC Wave2(80 MHz) Mode 5290MHz

### Horizontal

115 dBuV/m

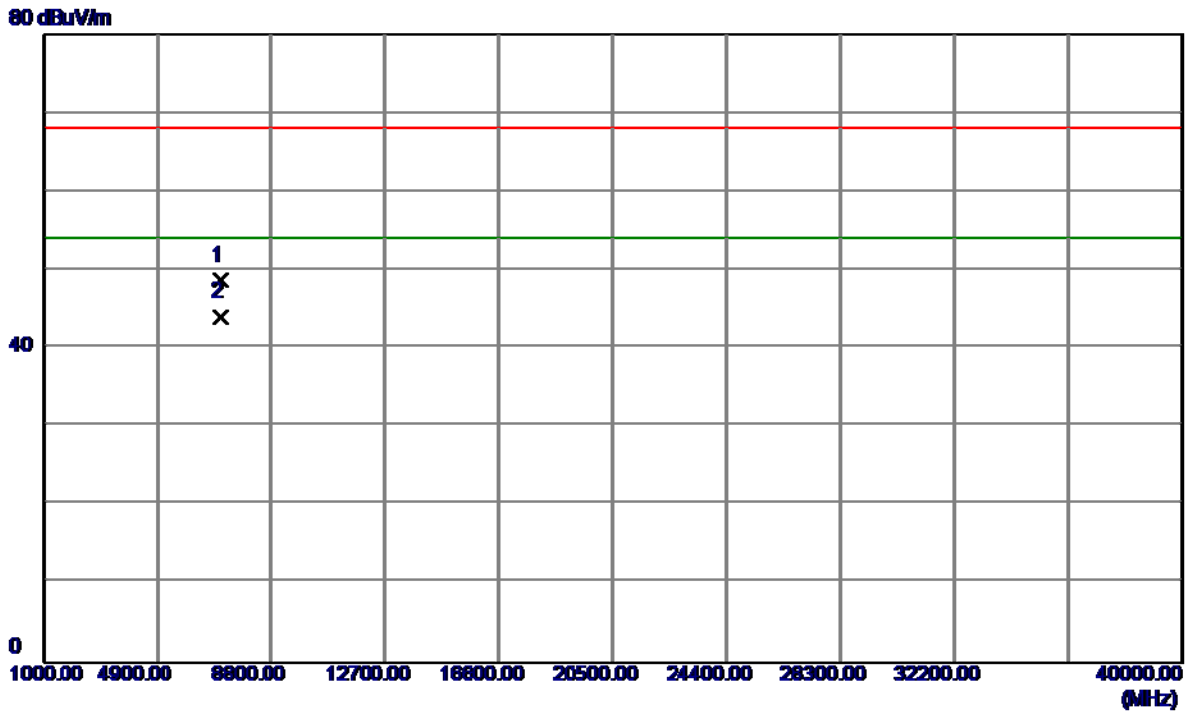


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5273.6000	55.55	41.03	96.58	68.20	28.38	Peak	No Limit
2 *	5274.4000	46.22	41.04	87.26	54.00	33.26	AVG	No Limit
3	5350.0000	13.56	41.28	54.84	68.20	-13.36	Peak	
4	5350.0000	2.15	41.28	43.43	54.00	-10.57	AVG	



Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC Wave2(80 MHz) Mode 5290MHz

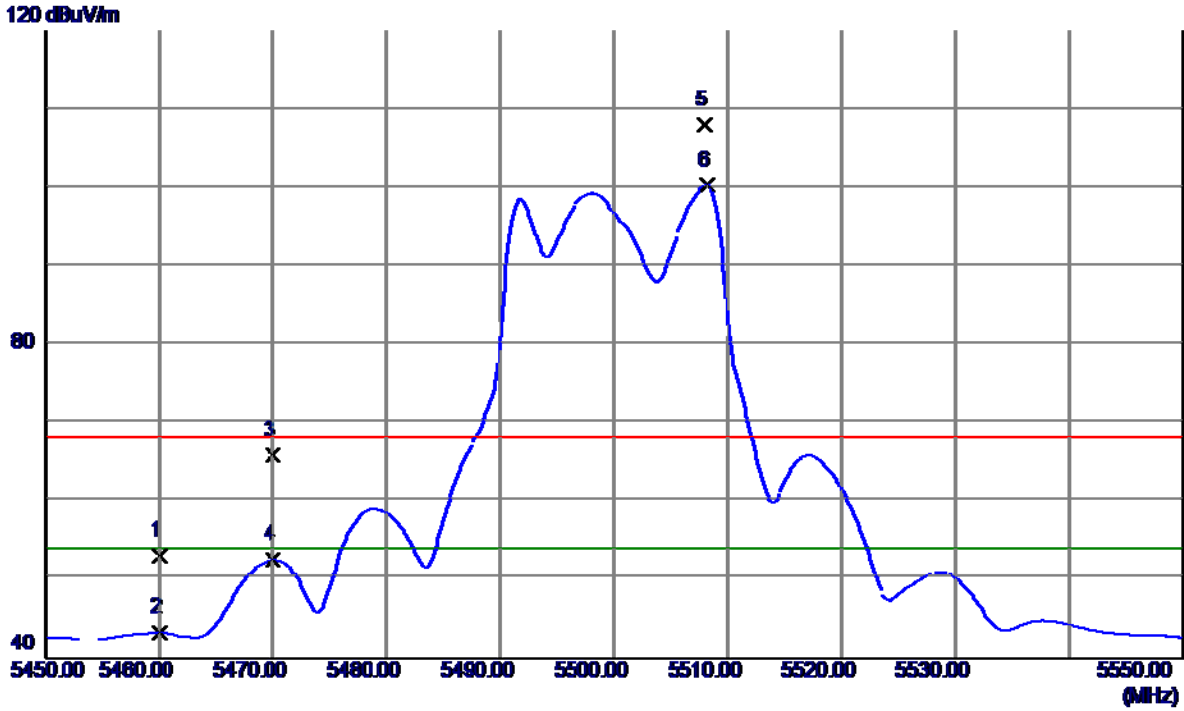
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7053.2780	37.79	10.86	48.65	68.20	-19.55	Peak	
2 *	7053.3250	33.13	10.86	43.99	54.00	-10.01	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC Wave2(20 MHz) Mode 5500MHz

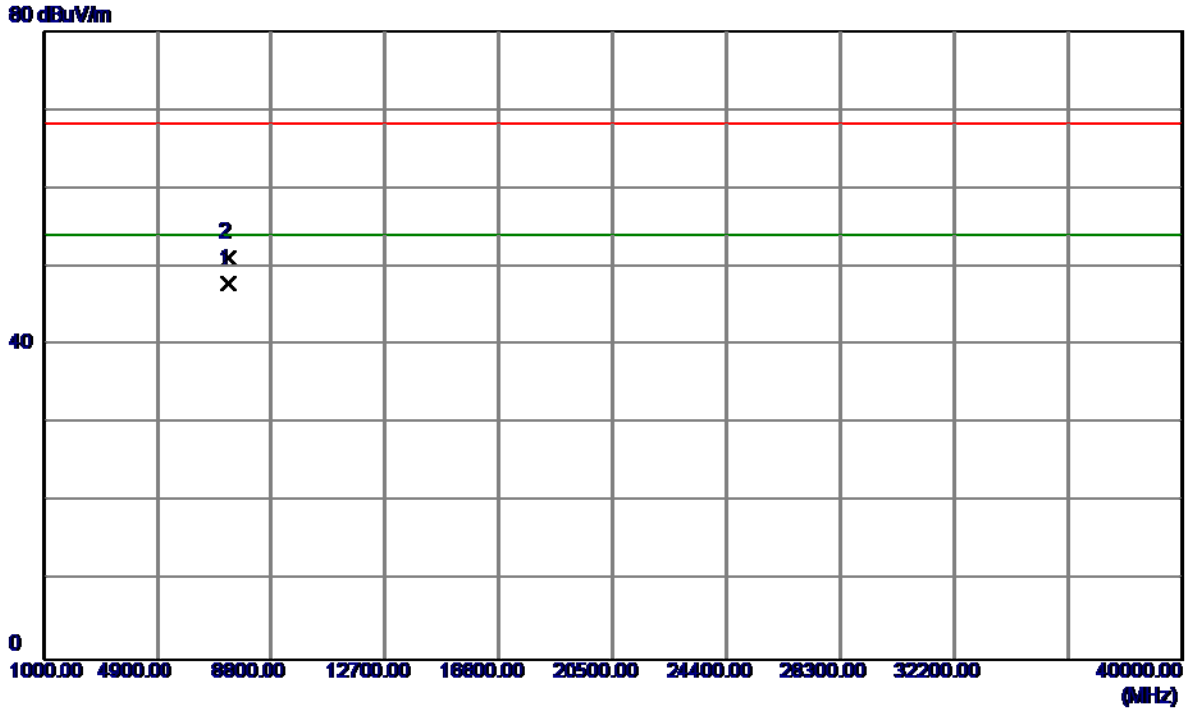
**Vertical**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5460.0000	11.41	41.65	53.06	68.30	-15.24	Peak	
2	5460.0000	1.76	41.65	43.41	54.00	-10.59	AVG	
3	5470.0000	24.27	41.68	65.95	68.30	-2.35	Peak	
4	5470.0000	10.89	41.68	52.57	54.00	-1.43	AVG	
5	5508.0000	66.16	41.81	107.97	68.30	39.67	Peak	No Limit
6 *	5508.2000	58.57	41.81	100.38	54.00	46.38	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC Wave2(20 MHz) Mode 5500MHz

**Vertical**

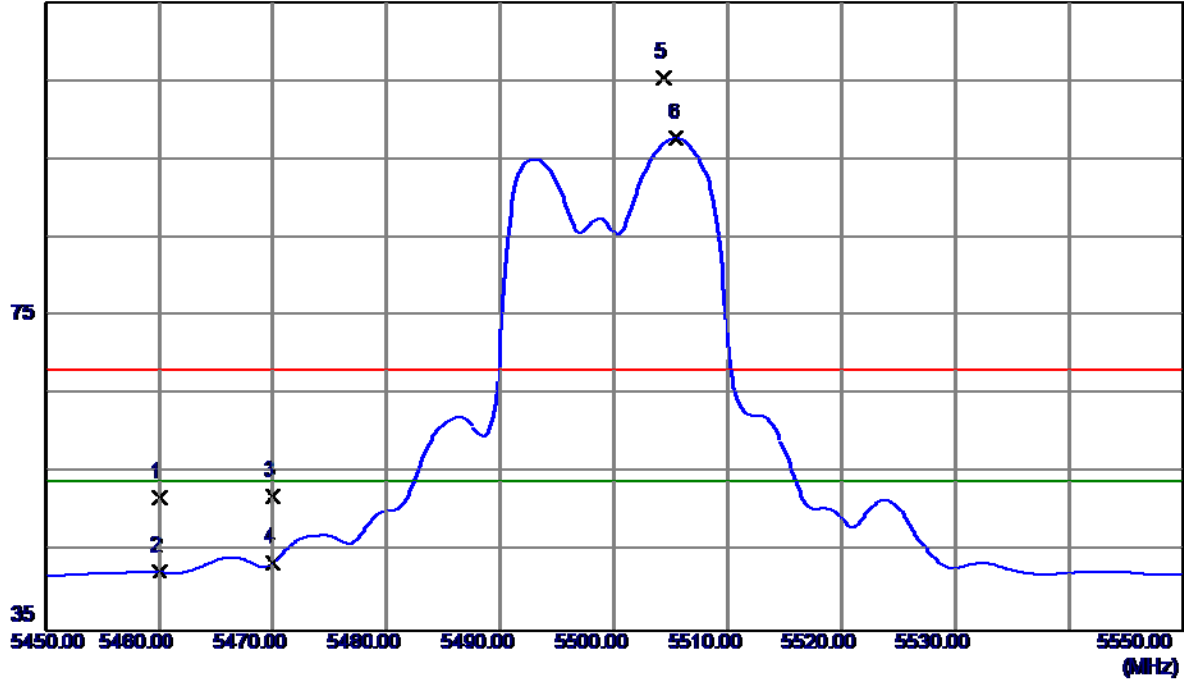


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7333.2750	36.48	11.42	47.90	54.00	-6.10	AVG	
2	7333.3050	39.83	11.42	51.25	68.30	-17.05	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC Wave2(20 MHz) Mode 5500MHz

### Horizontal

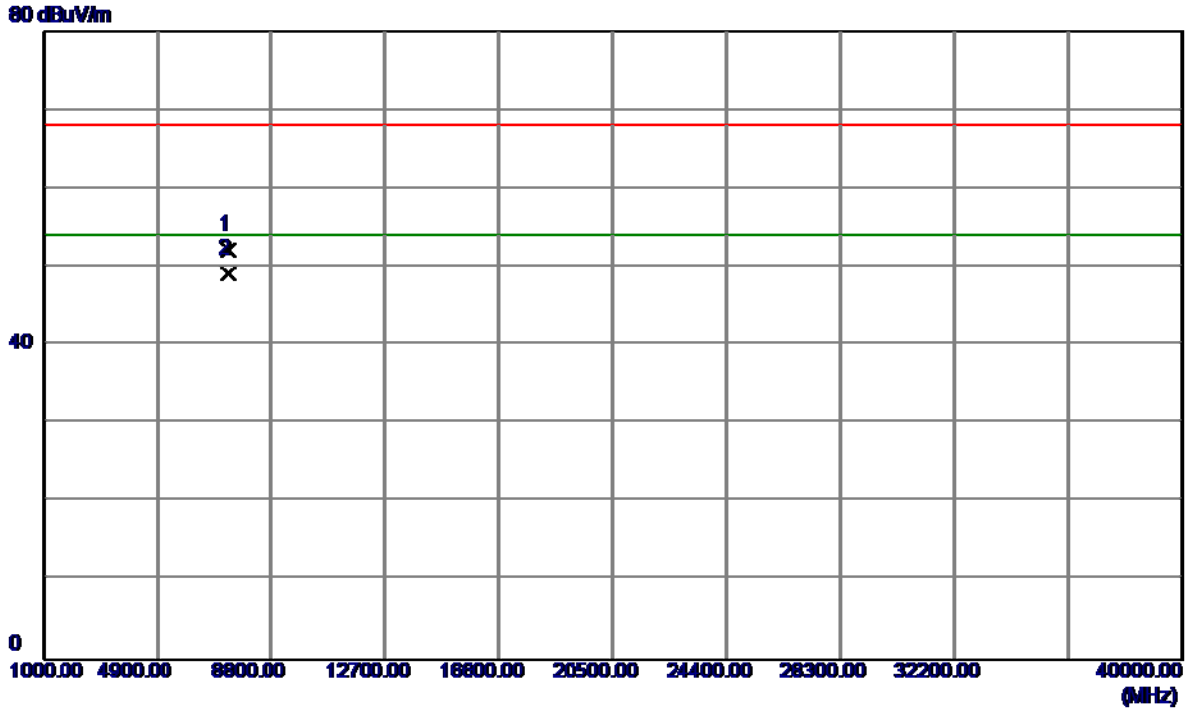
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5460.0000	10.33	41.65	51.98	68.20	-16.22	Peak	
2	5460.0000	0.80	41.65	42.45	54.00	-11.55	AVG	
3	5470.0000	10.49	41.68	52.17	68.20	-16.03	Peak	
4	5470.0000	1.96	41.68	43.64	54.00	-10.36	AVG	
5	5504.3000	63.59	41.80	105.39	68.20	37.19	Peak	No Limit
6 *	5505.5000	55.93	41.80	97.73	54.00	43.73	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC Wave2(20 MHz) Mode 5500MHz

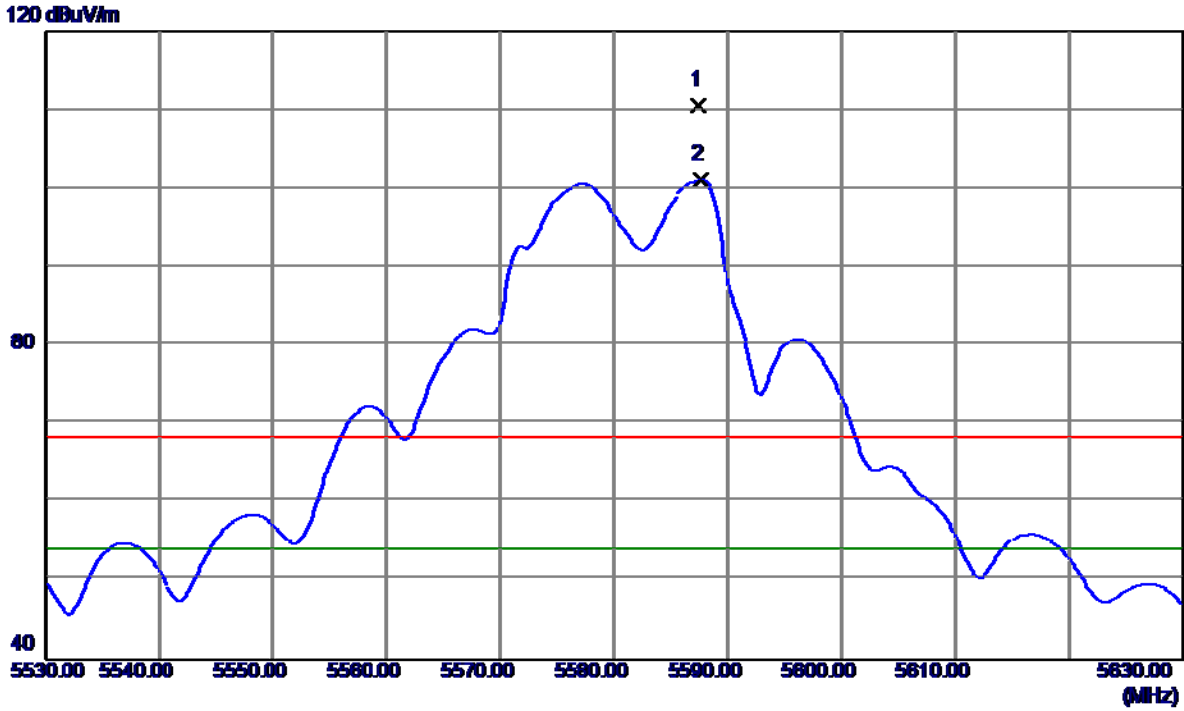
**Horizontal**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7333.4210	40.73	11.42	52.15	68.20	-16.05	Peak	
2 *	7333.5140	37.63	11.42	49.05	54.00	-4.95	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC Wave2(20 MHz) Mode 5580MHz

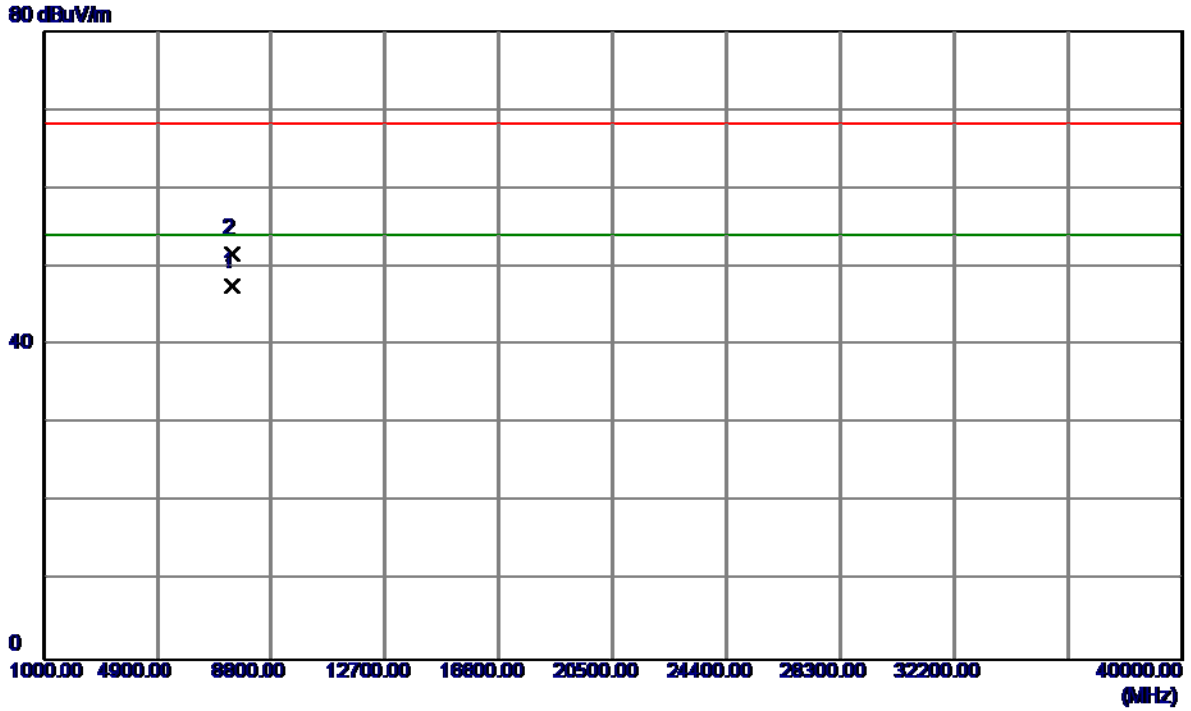
**Vertical**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5587.5000	68.54	42.09	110.63	68.30	42.33	Peak	No Limit
2 *	5587.7000	59.02	42.09	101.11	54.00	47.11	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC Wave2(20 MHz) Mode 5580MHz

**Vertical**

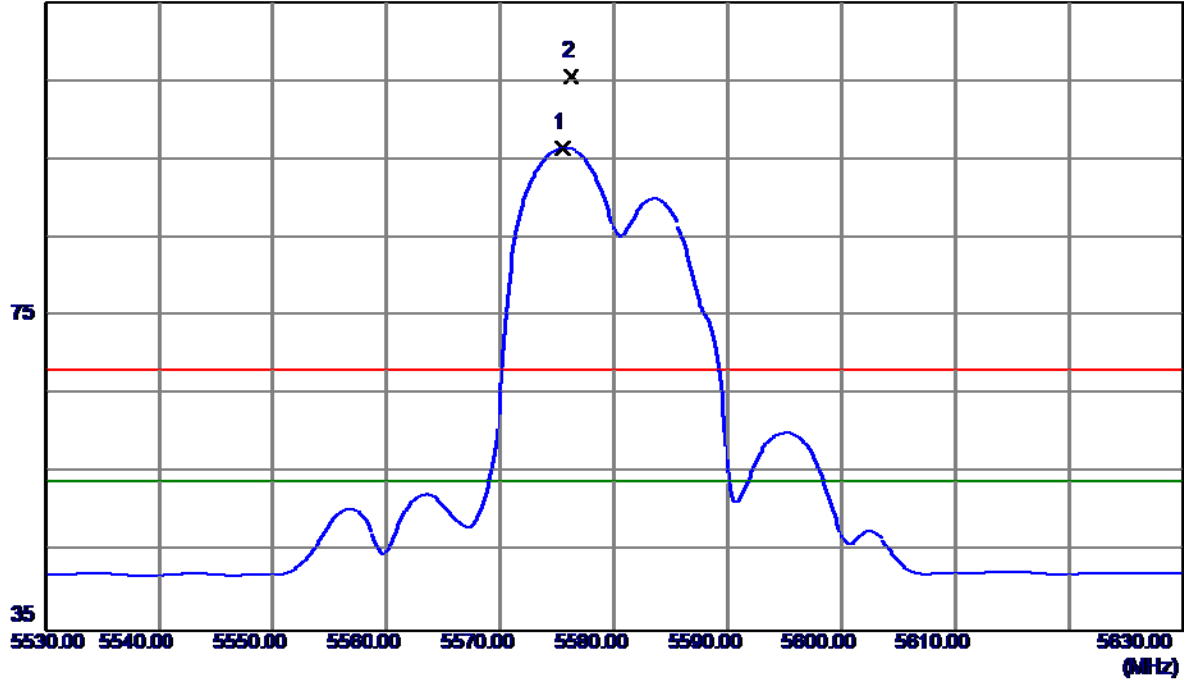


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7439.9300	35.96	11.63	47.59	54.00	-6.41	AVG	
2	7440.0100	40.00	11.63	51.63	68.30	-16.67	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC Wave2(20 MHz) Mode 5580MHz

### Horizontal

115 dBuV/m

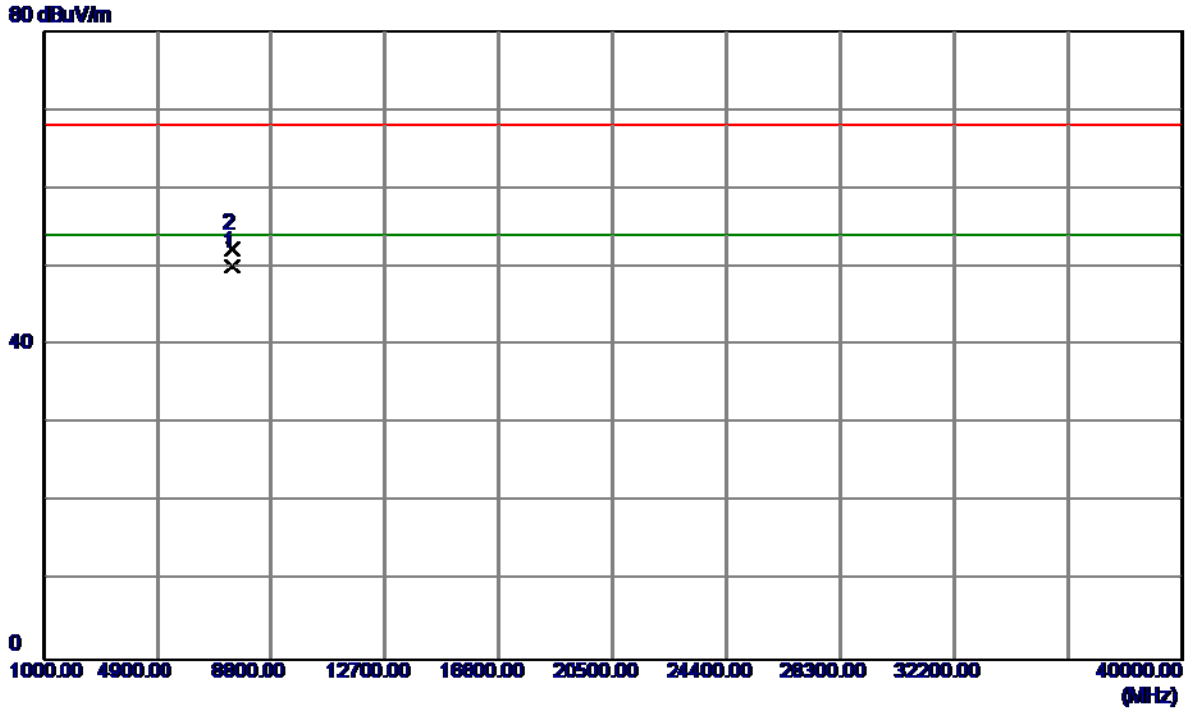


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5575.4000	54.45	42.05	96.50	54.00	42.50	AVG	No Limit
2	5576.2500	63.49	42.05	105.54	68.20	37.34	Peak	No Limit



Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC Wave2(20 MHz) Mode 5580MHz

**Horizontal**

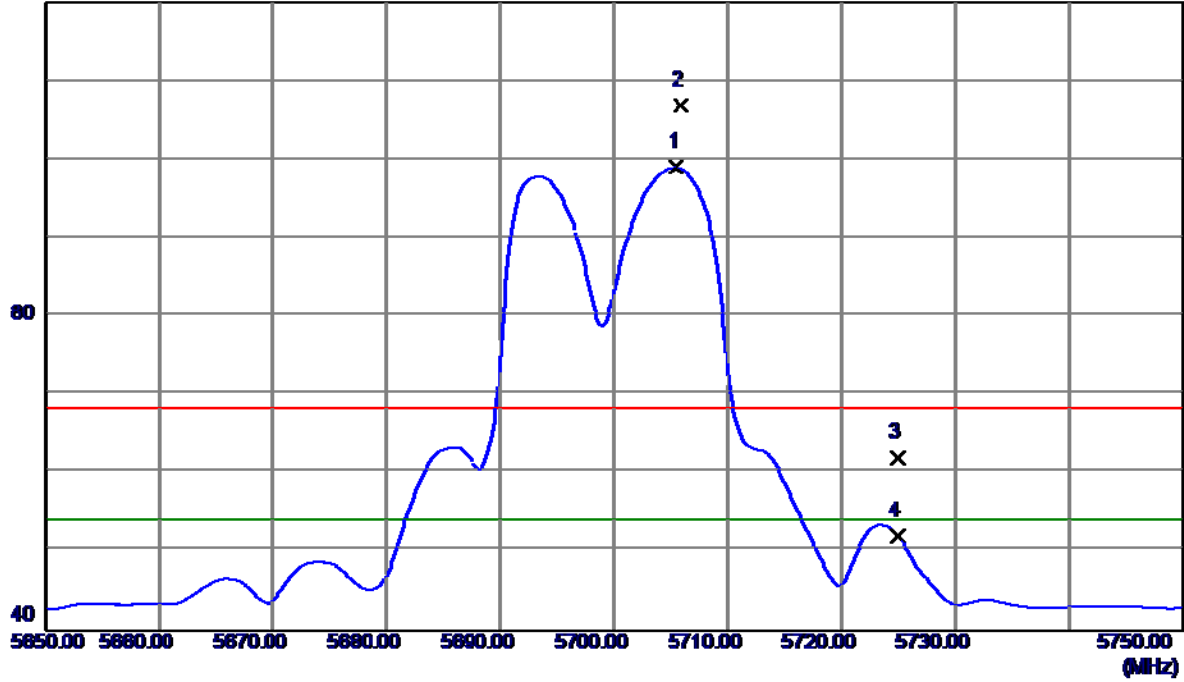


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7439.6360	38.40	11.63	50.03	54.00	-3.97	AVG	
2	7439.8210	40.64	11.63	52.27	68.20	-15.93	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC Wave2(20 MHz) Mode 5700MHz

Vertical

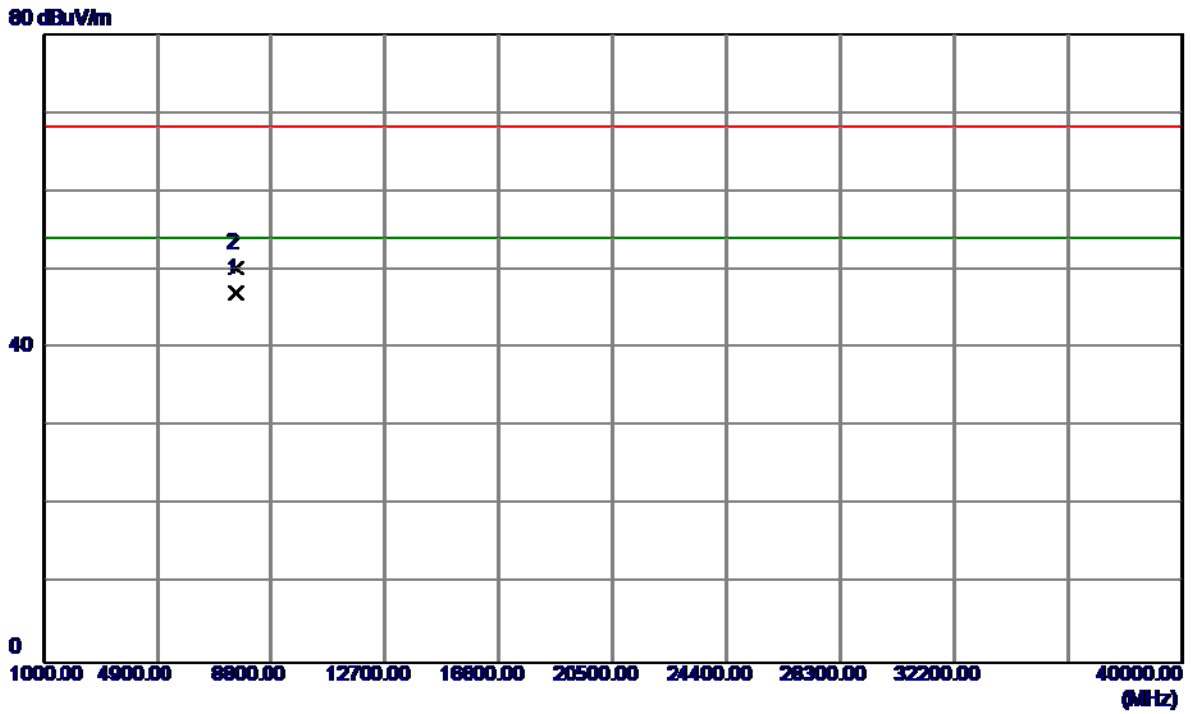
120 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5705.5000	56.49	42.51	99.00	54.00	45.00	AVG	No Limit
2	5705.9000	64.33	42.51	106.84	68.30	38.54	Peak	No Limit
3	5725.0000	19.42	42.58	62.00	68.30	-6.30	Peak	
4	5725.0000	9.46	42.58	52.04	54.00	-1.96	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC Wave2(20 MHz) Mode 5700MHz

**Vertical**

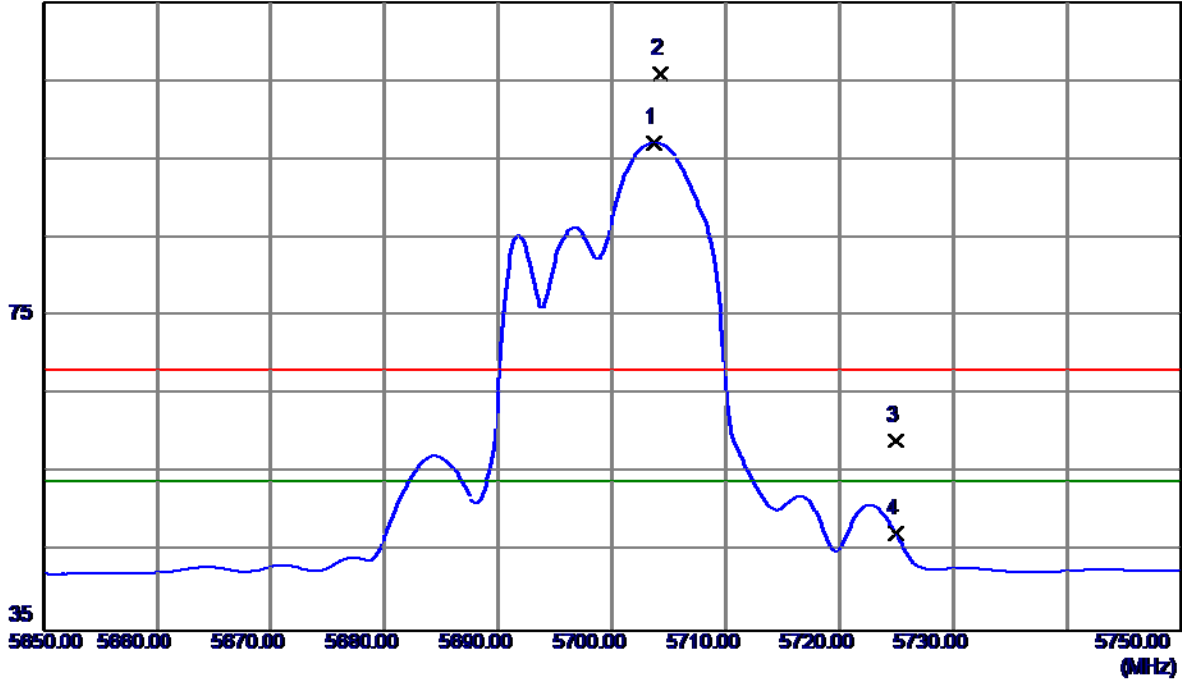


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7599.9350	35.23	11.74	46.97	54.00	-7.03	AVG	
2	7600.0100	38.44	11.74	50.18	68.30	-18.12	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC Wave2(20 MHz) Mode 5700MHz

### Horizontal

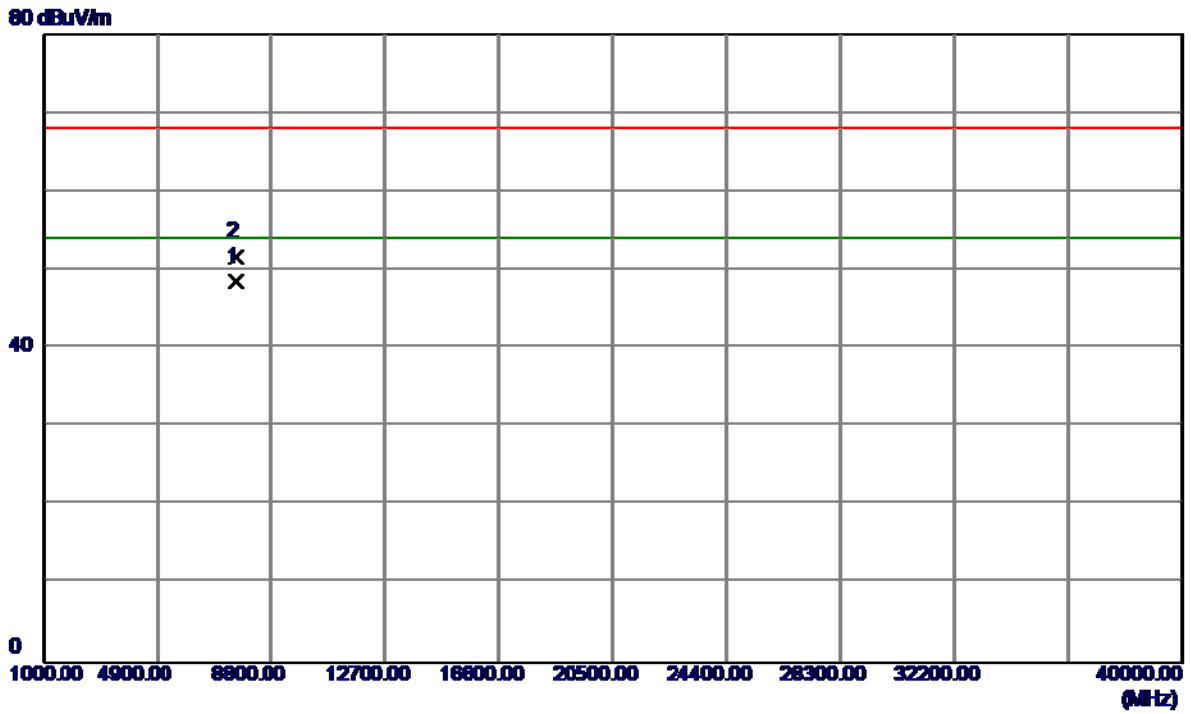
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5703.7000	54.65	42.51	97.16	54.00	43.16	AVG	No Limit
2	5704.2000	63.30	42.51	105.81	68.20	37.61	Peak	No Limit
3	5725.0000	16.55	42.58	59.13	68.20	-9.07	Peak	
4	5725.0000	4.72	42.58	47.30	54.00	-6.70	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC Wave2(20 MHz) Mode 5700MHz

**Horizontal**

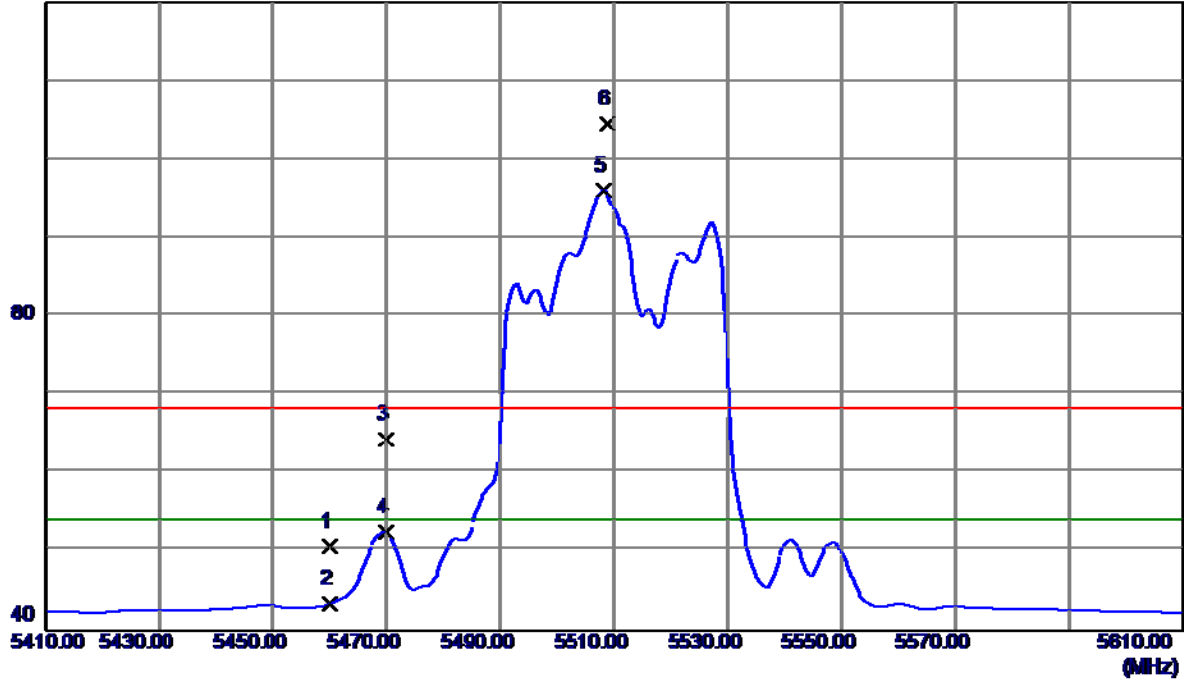


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7599.2890	36.68	11.74	48.42	54.00	-5.58	AVG	
2	7599.7600	39.87	11.74	51.61	68.20	-16.59	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC Wave2(40 MHz) Mode 5510MHz

**Vertical**

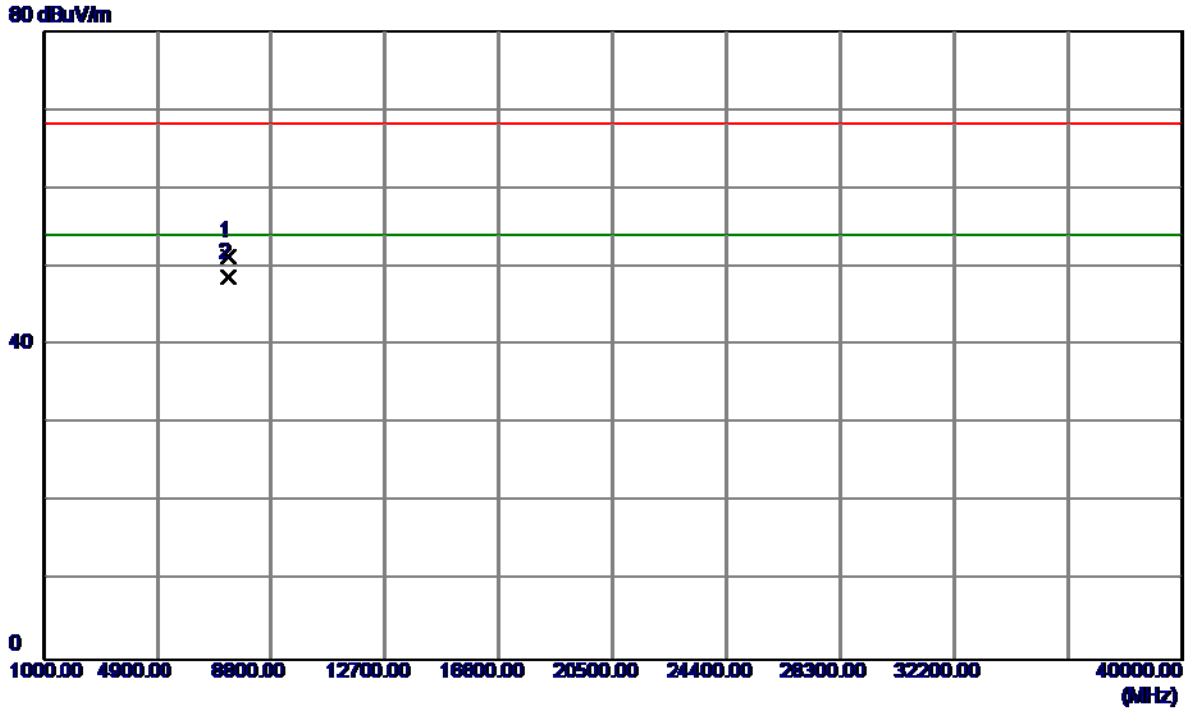
120 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5460.0000	8.99	41.65	50.64	68.30	-17.66	Peak	
2	5460.0000	1.70	41.65	43.35	54.00	-10.65	AVG	
3	5470.0000	22.67	41.68	64.35	68.30	-3.95	Peak	
4	5470.0000	10.75	41.68	52.43	54.00	-1.57	AVG	
5 *	5508.2000	54.25	41.81	96.06	54.00	42.06	AVG	No Limit
6	5508.8000	62.65	41.81	104.46	68.30	36.16	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC Wave2(40 MHz) Mode 5510MHz

**Vertical**

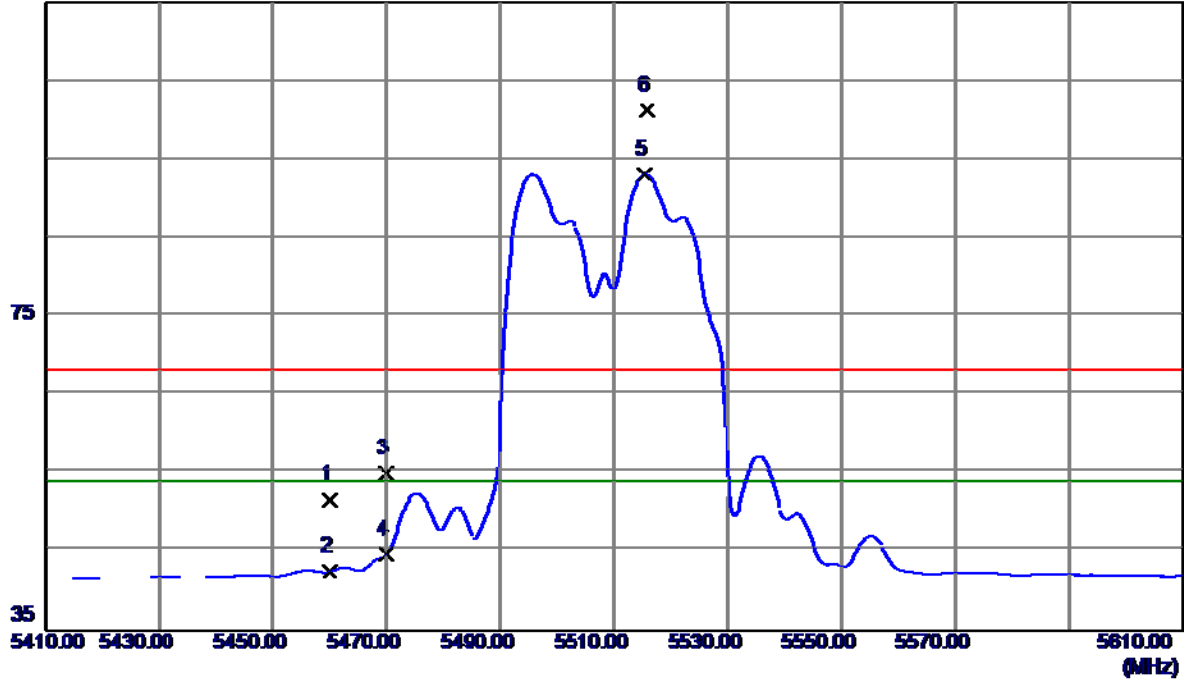


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7346.6250	39.87	11.44	51.31	68.30	-16.99	Peak	
2 *	7346.6700	37.27	11.44	48.71	54.00	-5.29	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC Wave2(40 MHz) Mode 5510MHz

### Horizontal

115 dBuV/m

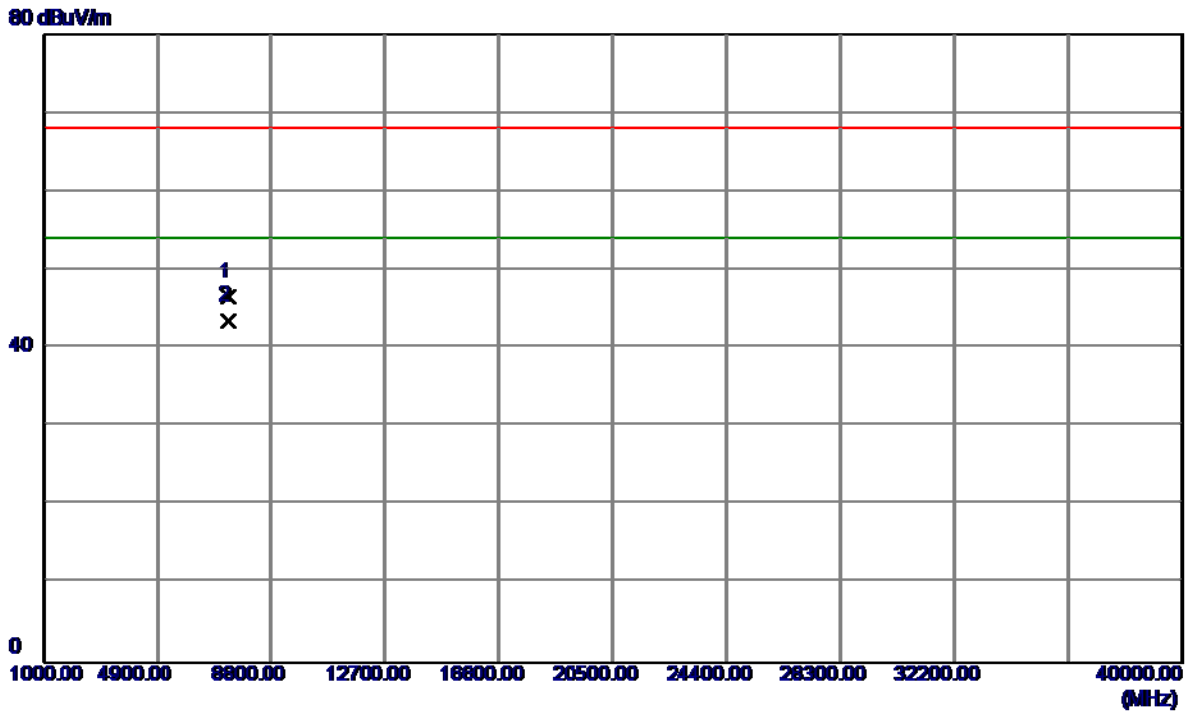


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5460.0000	10.04	41.65	51.69	68.20	-16.51	Peak	
2	5460.0000	0.87	41.65	42.52	54.00	-11.48	AVG	
3	5470.0000	13.30	41.68	54.98	68.20	-13.22	Peak	
4	5470.0000	3.00	41.68	44.68	54.00	-9.32	AVG	
5 *	5515.4000	51.23	41.83	93.06	54.00	39.06	AVG	No Limit
6	5515.7000	59.36	41.84	101.20	68.20	33.00	Peak	No Limit



Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC Wave2(40 MHz) Mode 5510MHz

**Horizontal**

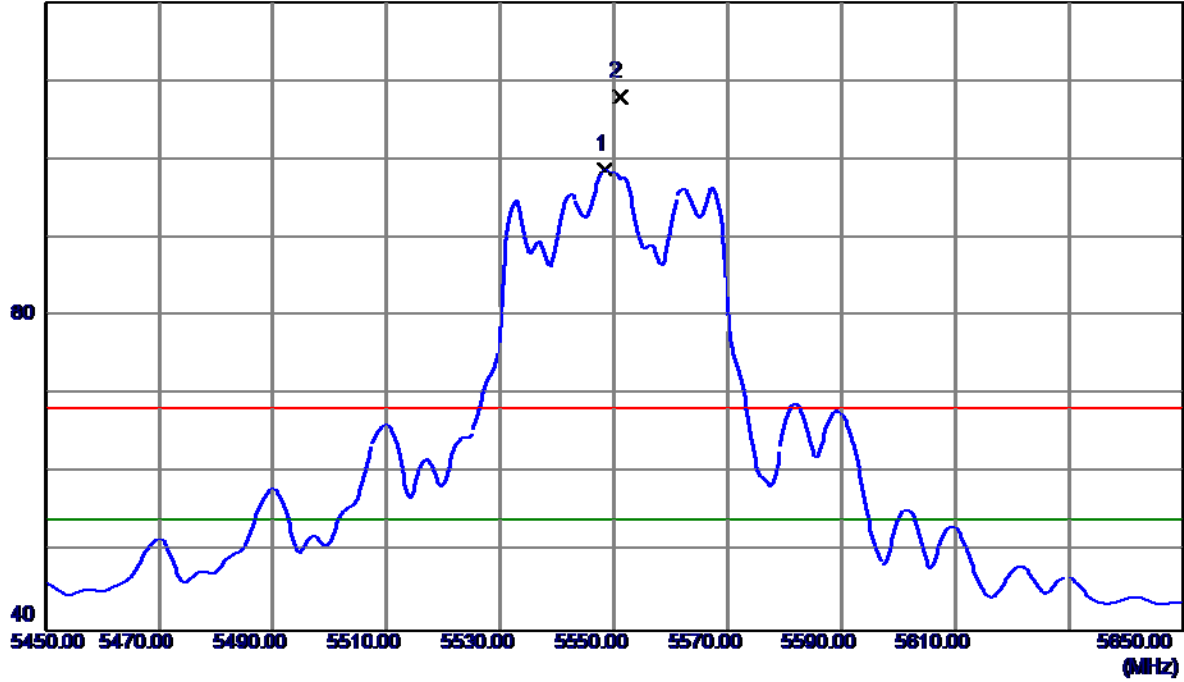


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7346.5840	35.08	11.44	46.52	68.20	-21.68	Peak	
2 *	7346.6100	32.04	11.44	43.48	54.00	-10.52	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/TX AC Wave2(40 MHz) Mode 5550MHz

**Vertical**

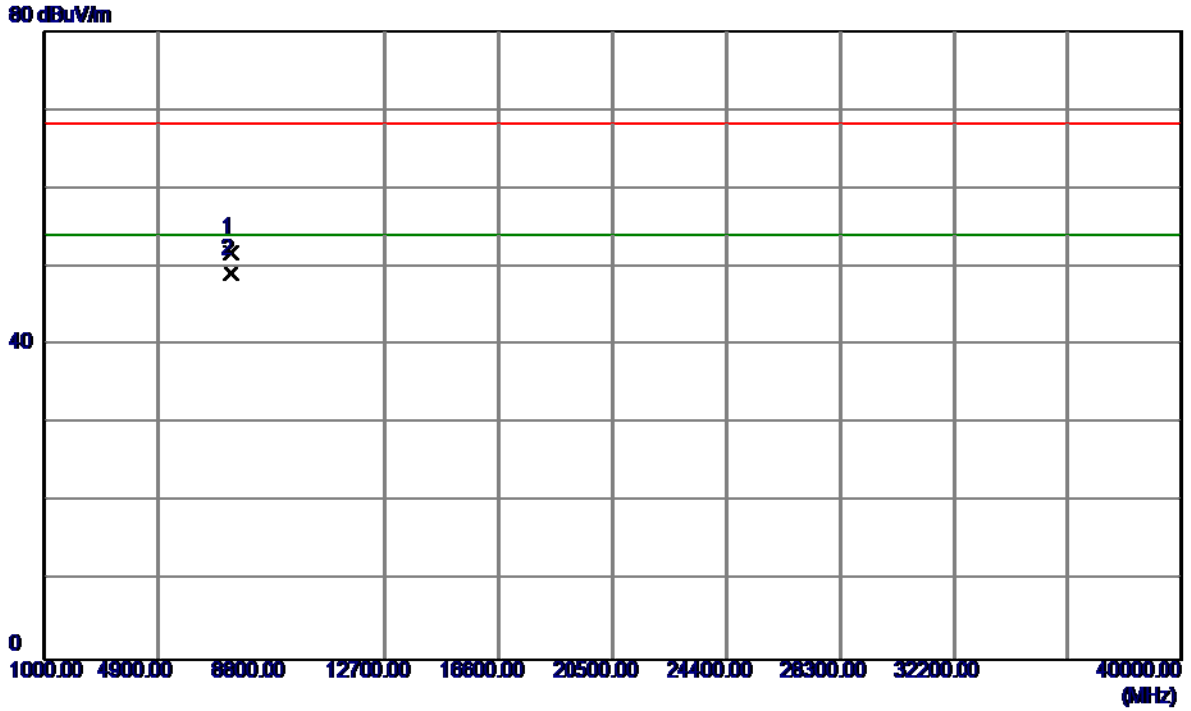
120 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5548.4000	56.78	41.95	98.73	54.00	44.73	AVG	No Limit
2	5551.0000	66.08	41.96	108.04	68.30	39.74	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC Wave2(40 MHz) Mode 5550MHz

**Vertical**

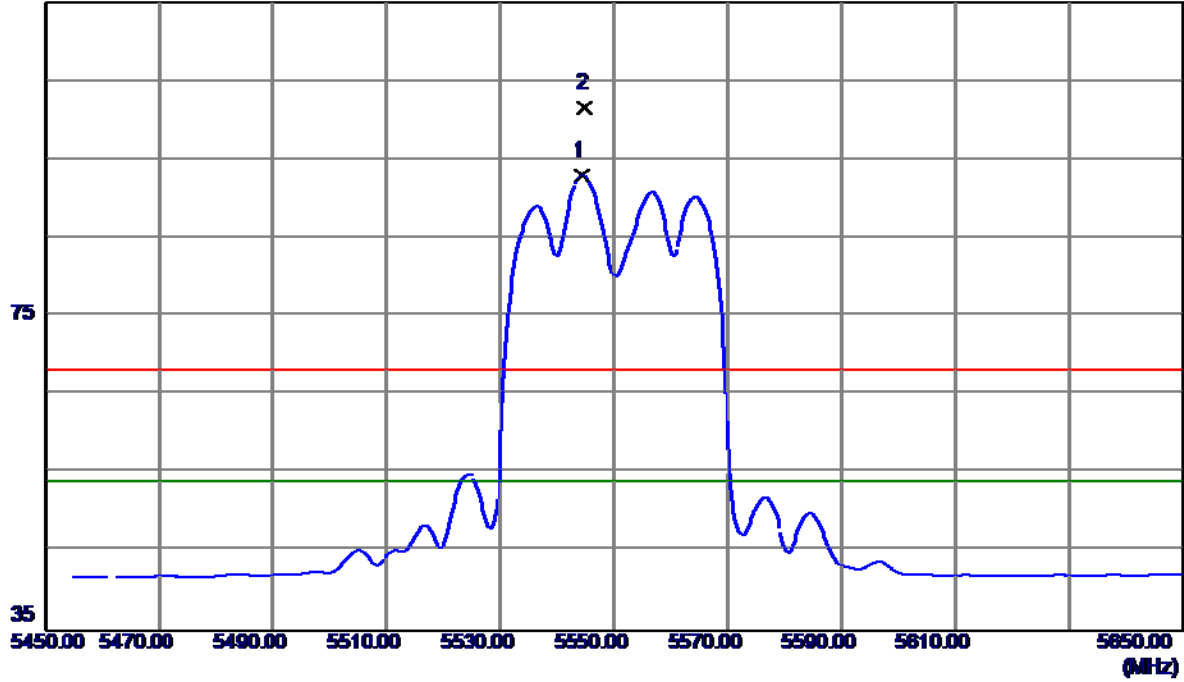


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7399.8700	40.35	11.55	51.90	68.30	-16.40	Peak	
2 *	7399.9950	37.51	11.55	49.06	54.00	-4.94	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC Wave2(40 MHz) Mode 5550MHz

**Horizontal**

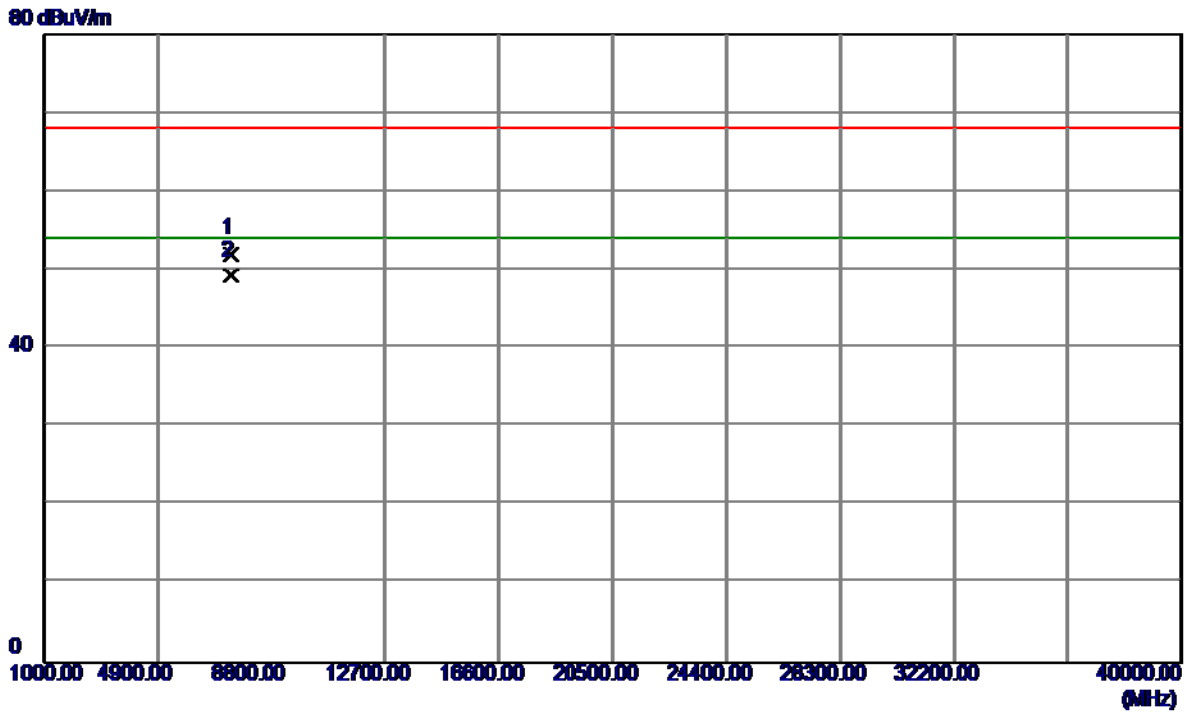
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5544.4000	50.94	41.94	92.88	54.00	38.88	AVG	No Limit
2	5545.0000	59.59	41.94	101.53	68.20	33.33	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC Wave2(40 MHz) Mode 5550MHz

**Horizontal**

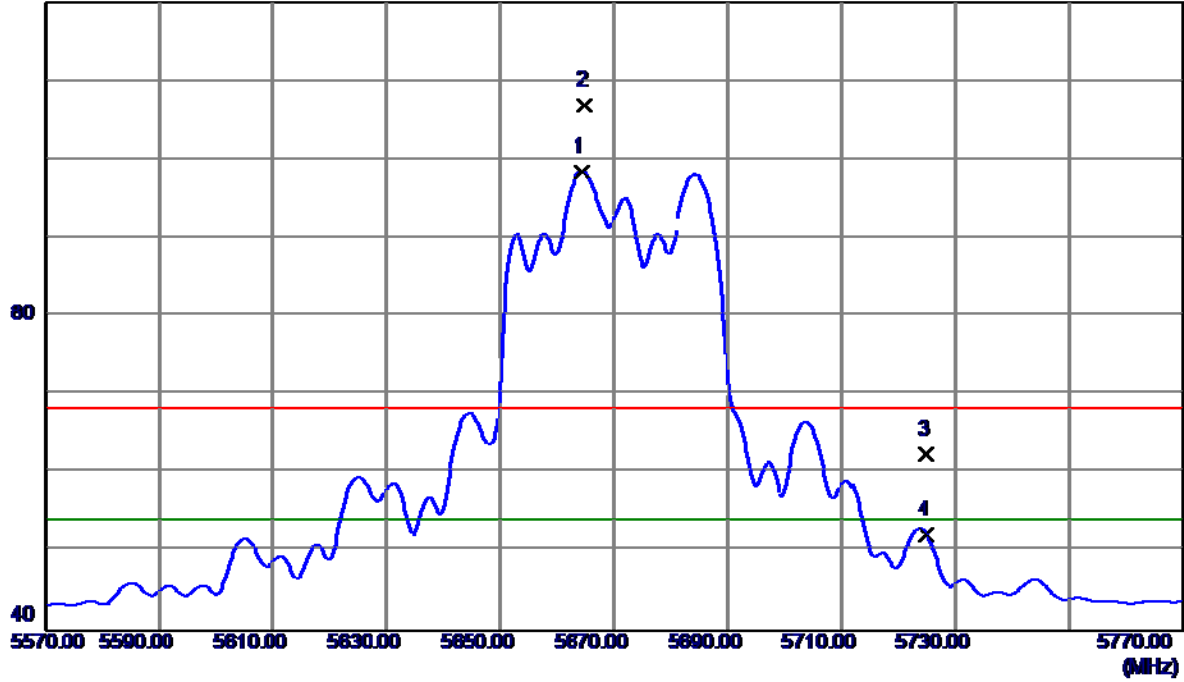


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7399.8570	40.53	11.55	52.08	68.20	-16.12	Peak	
2 *	7399.9150	37.80	11.55	49.35	54.00	-4.65	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC Wave2(40 MHz) Mode 5670MHz

**Vertical**

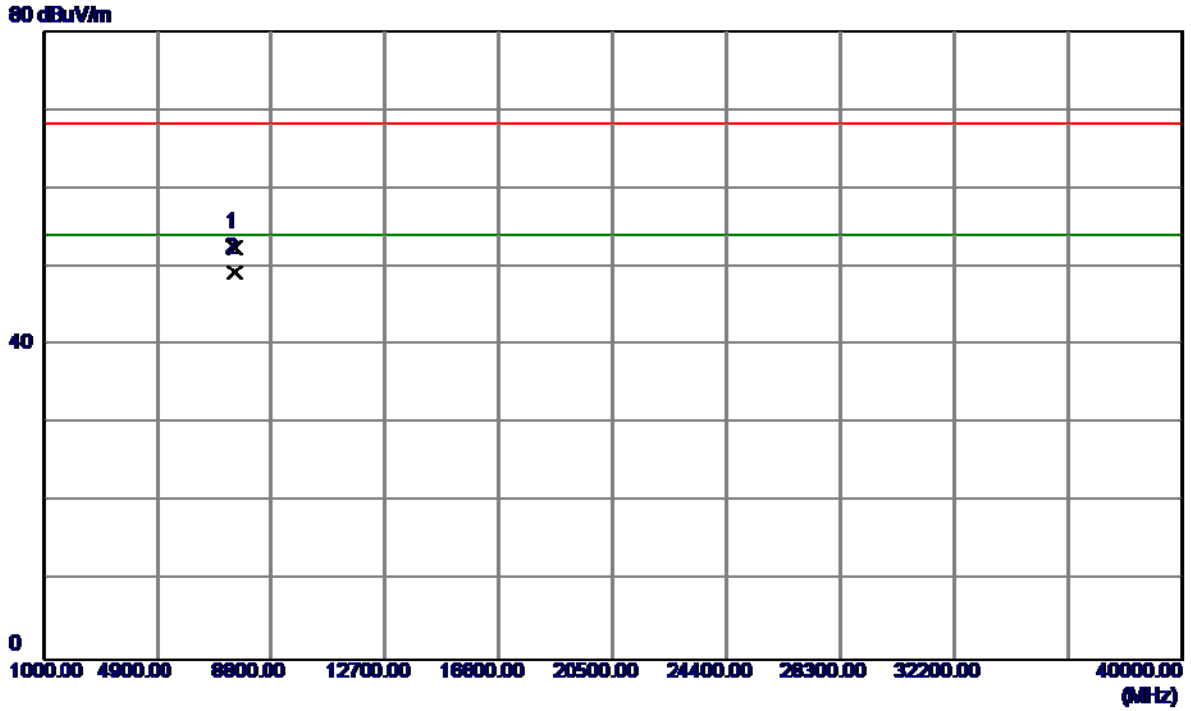
120 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5664.4000	56.01	42.37	98.38	54.00	44.38	AVG	No Limit
2	5665.0000	64.59	42.37	106.96	68.30	38.66	Peak	No Limit
3	5725.0000	19.83	42.58	62.41	68.30	-5.89	Peak	
4	5725.0000	9.65	42.58	52.23	54.00	-1.77	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC Wave2(40 MHz) Mode 5670MHz

**Vertical**

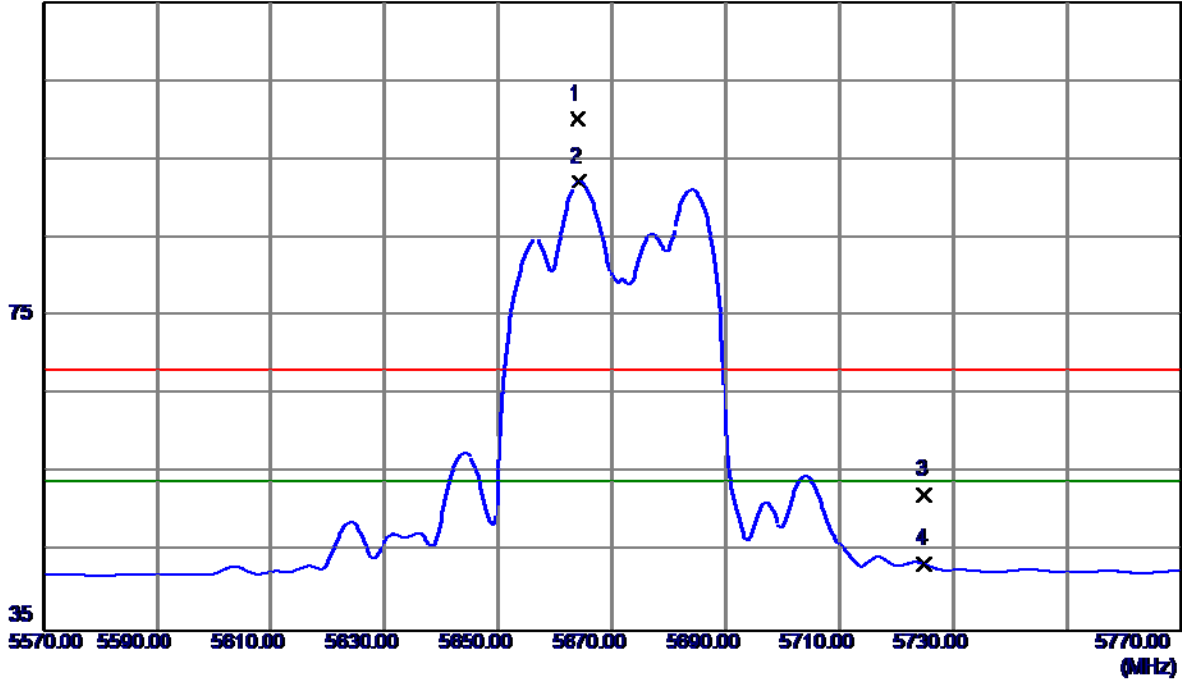


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7559.9150	40.77	11.75	52.52	68.30	-15.78	Peak	
2 *	7559.9300	37.48	11.75	49.23	54.00	-4.77	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC Wave2(40 MHz) Mode 5670MHz

**Horizontal**

115 dBuV/m

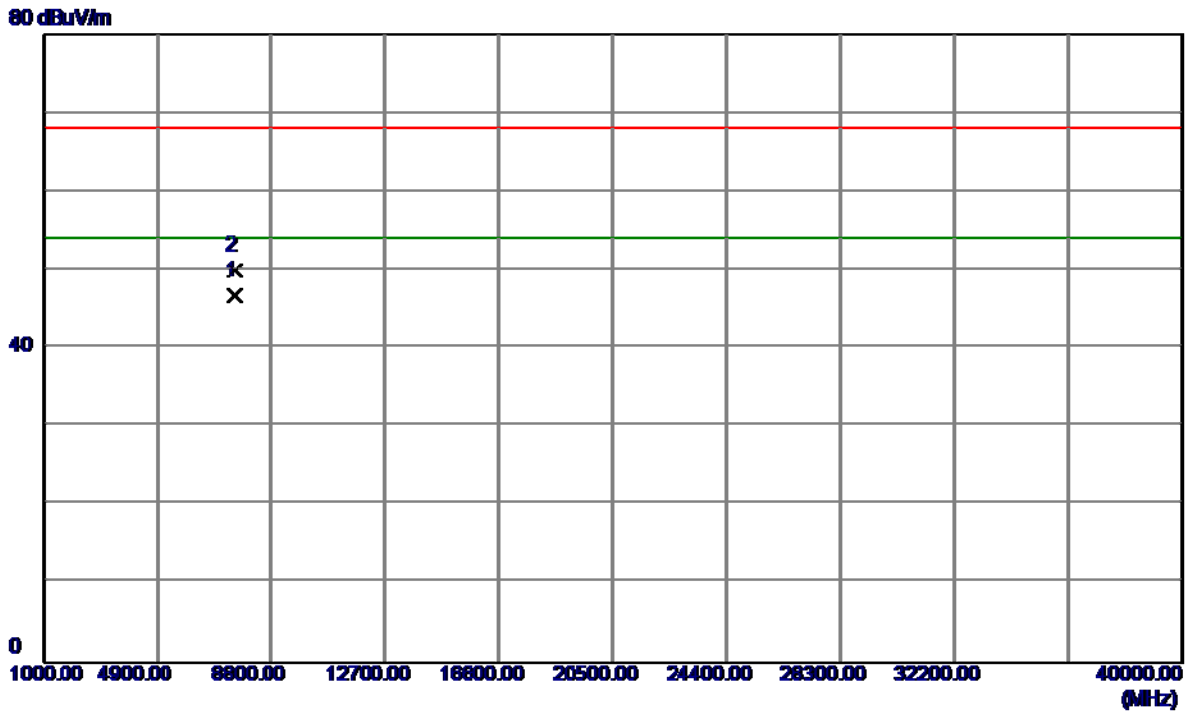


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5664.1000	57.77	42.36	100.13	68.20	31.93	Peak	No Limit
2 *	5664.3000	49.73	42.36	92.09	54.00	38.09	AVG	No Limit
3	5725.0000	9.67	42.58	52.25	68.20	-15.95	Peak	
4	5725.0000	0.88	42.58	43.46	54.00	-10.54	AVG	



Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC Wave2(40 MHz) Mode 5670MHz

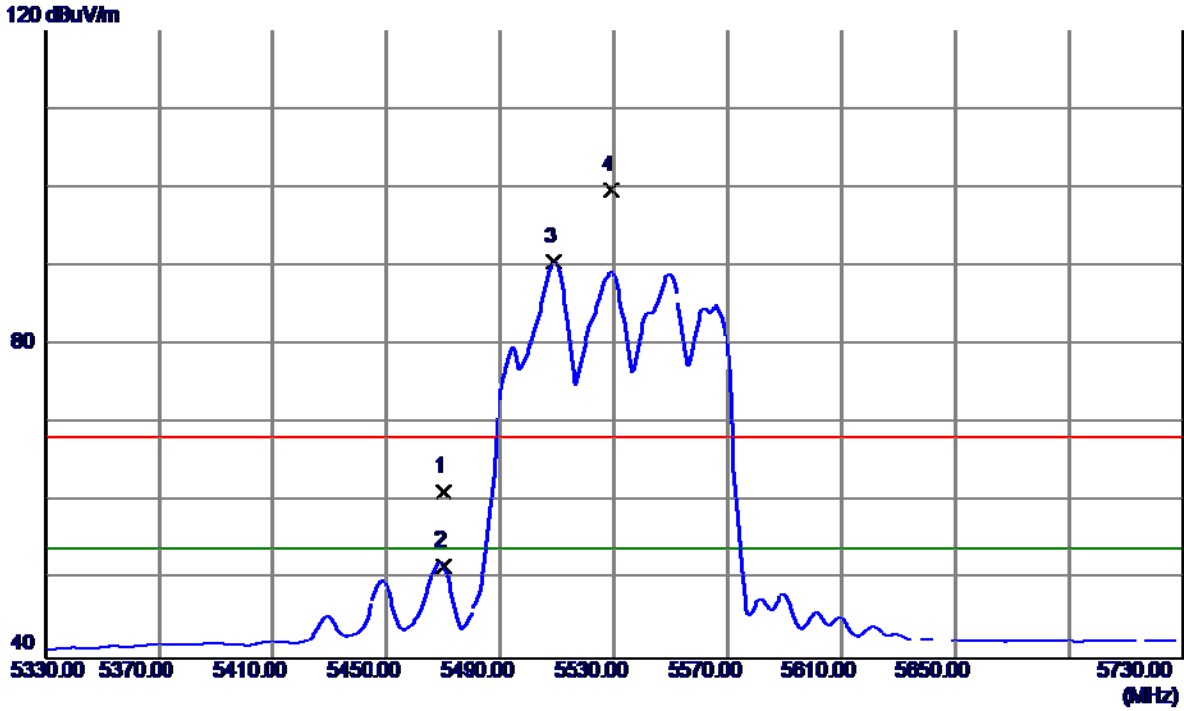
**Horizontal**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7559.7630	34.90	11.75	46.65	68.20	-21.55	Peak	
2 *	7559.8200	38.15	11.75	49.90	54.00	-4.10	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC Wave2(80 MHz) Mode 5530MHz

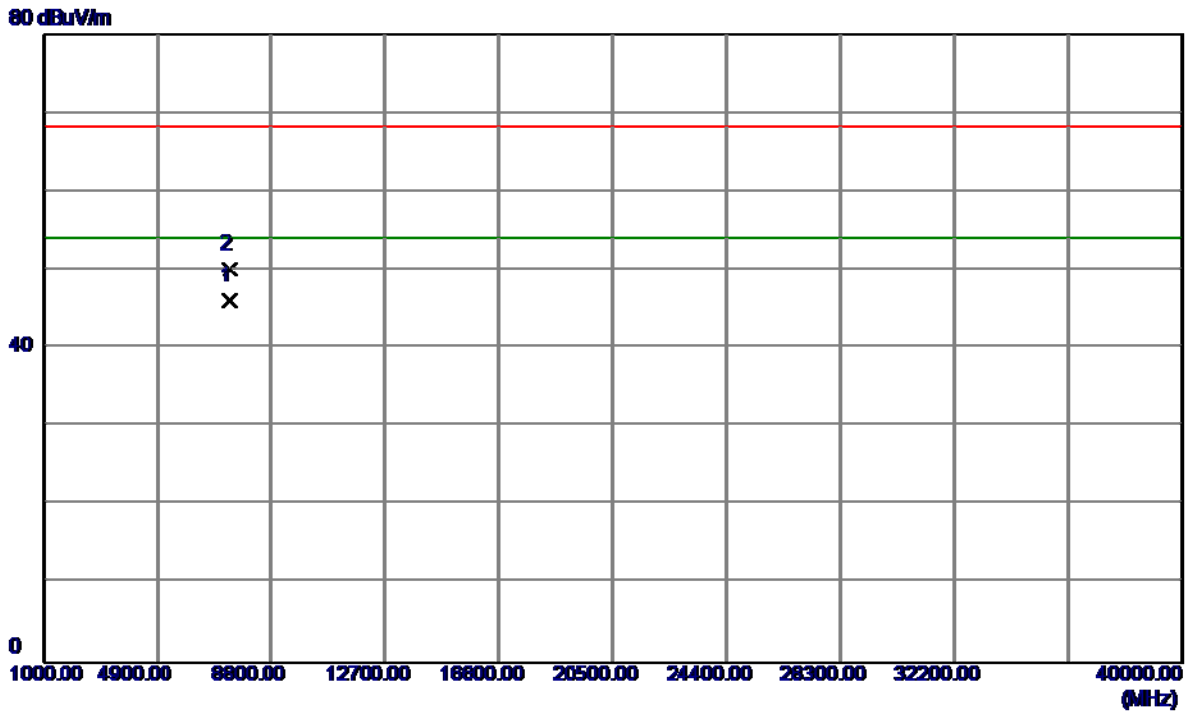
**Vertical**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5470.0000	19.62	41.68	61.30	68.30	-7.00	Peak	
2	5470.0000	10.24	41.68	51.92	54.00	-2.08	AVG	
3 *	5508.8000	48.73	41.81	90.54	54.00	36.54	AVG	No Limit
4	5529.2000	57.73	41.88	99.61	68.30	31.31	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC Wave2(80 MHz) Mode 5530MHz

**Vertical**

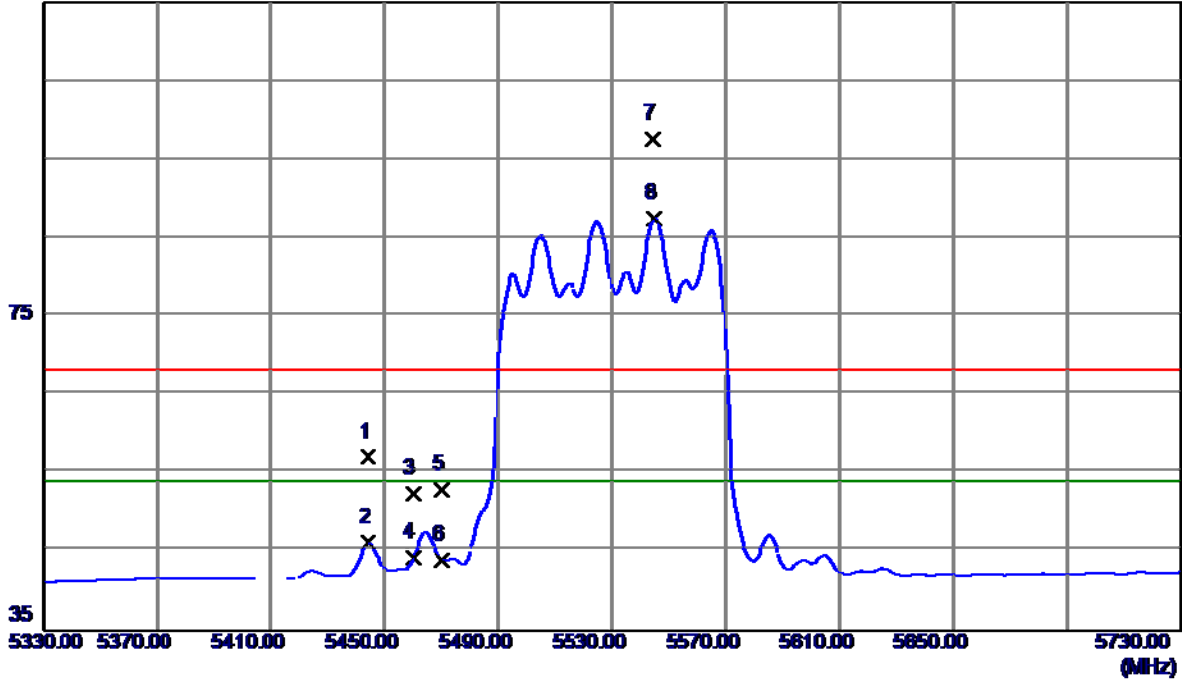


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7373.2850	34.55	11.50	46.05	54.00	-7.95	AVG	
2	7373.3350	38.61	11.50	50.11	68.30	-18.19	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC Wave2(80 MHz) Mode 5530MHz

### Horizontal

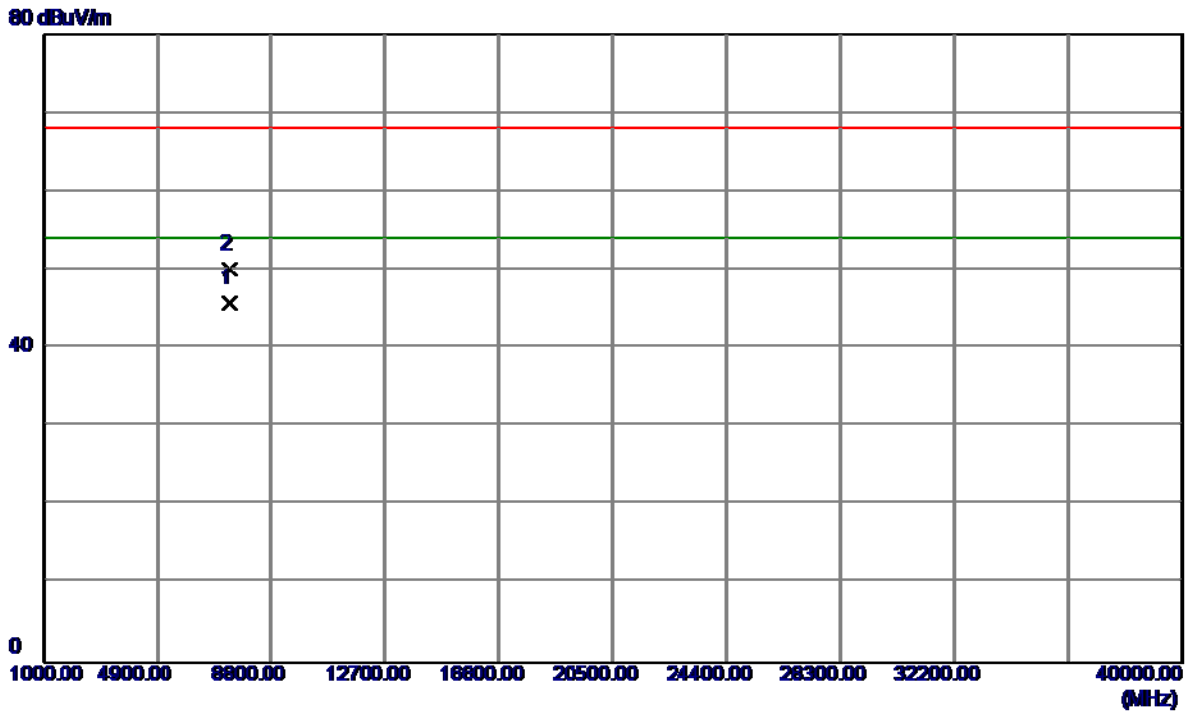
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5444.4000	15.54	41.60	57.14	68.20	-11.06	Peak	
2	5444.4000	4.58	41.60	46.18	54.00	-7.82	AVG	
3	5460.0000	10.75	41.65	52.40	68.20	-15.80	Peak	
4	5460.0000	2.61	41.65	44.26	54.00	-9.74	AVG	
5	5470.0000	11.24	41.68	52.92	68.20	-15.28	Peak	
6	5470.0000	2.33	41.68	44.01	54.00	-9.99	AVG	
7	5544.2000	55.56	41.94	97.50	68.20	29.30	Peak	No Limit
8 *	5544.8000	45.53	41.94	87.47	54.00	33.47	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC Wave2(80 MHz) Mode 5530MHz

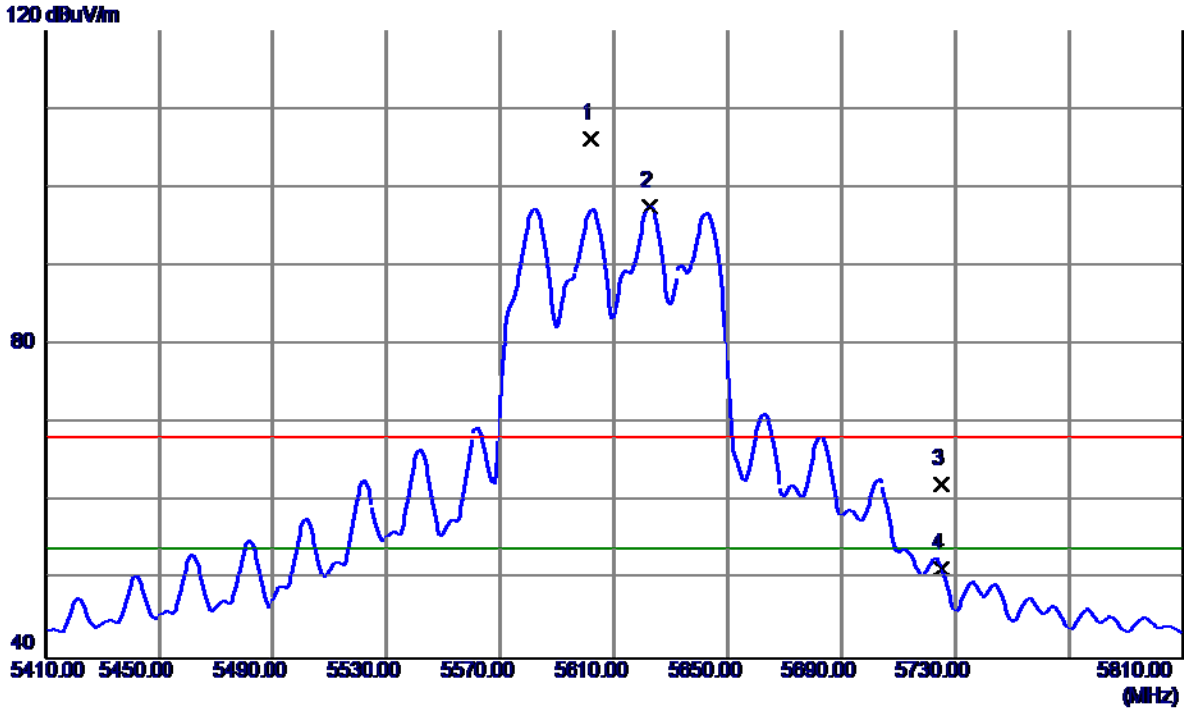
**Horizontal**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7373.3520	34.25	11.50	45.75	54.00	-8.25	AVG	
2	7373.4160	38.60	11.50	50.10	68.20	-18.10	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC Wave2(80 MHz) Mode 5610MHz

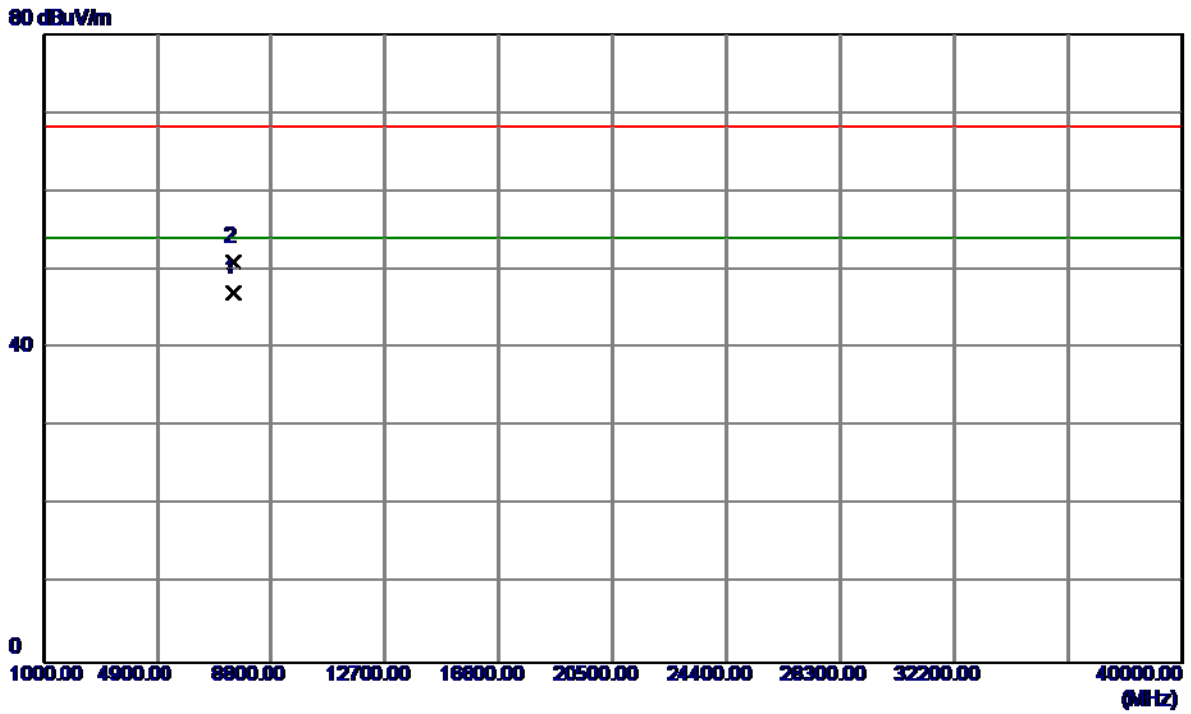
**Vertical**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5602.0000	64.14	42.14	106.28	68.30	37.98	Peak	No Limit
2 *	5622.4000	55.38	42.22	97.60	54.00	43.60	AVG	No Limit
3	5725.0000	19.59	42.58	62.17	68.30	-6.13	Peak	
4	5725.0000	8.99	42.58	51.57	54.00	-2.43	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC Wave2(80 MHz) Mode 5610MHz

**Vertical**

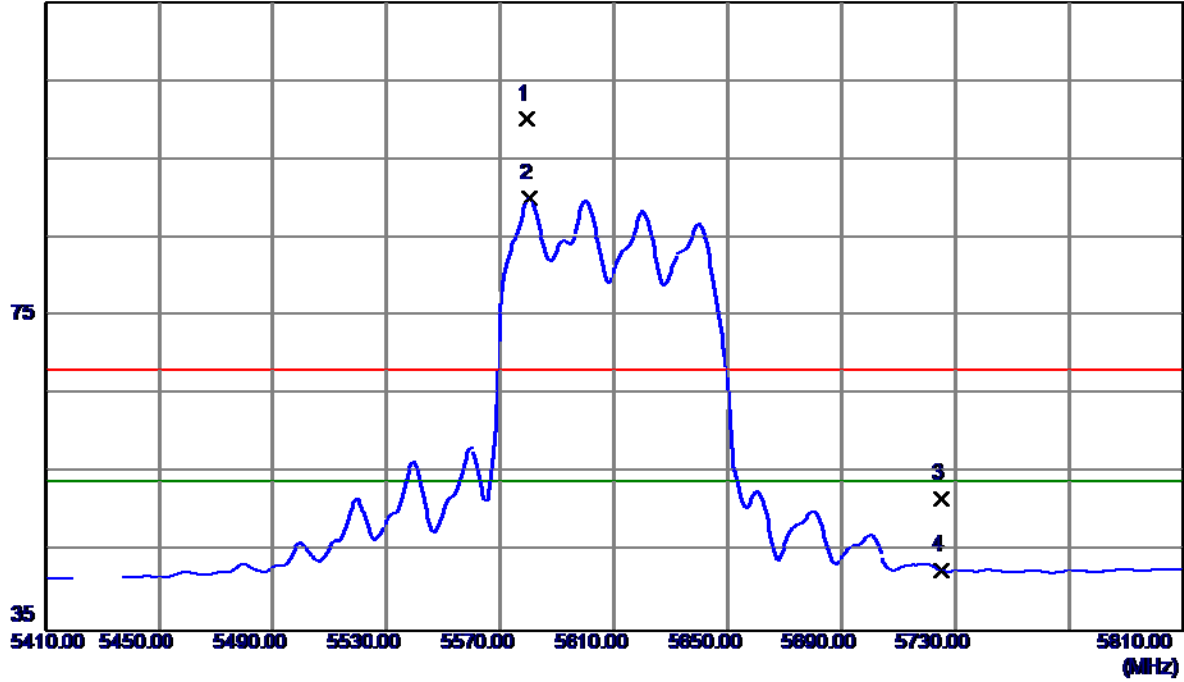


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7479.9800	35.27	11.71	46.98	54.00	-7.02	AVG	
2	7479.9950	39.40	11.71	51.11	68.30	-17.19	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC Wave2(80 MHz) Mode 5610MHz

**Horizontal**

115 dBuV/m

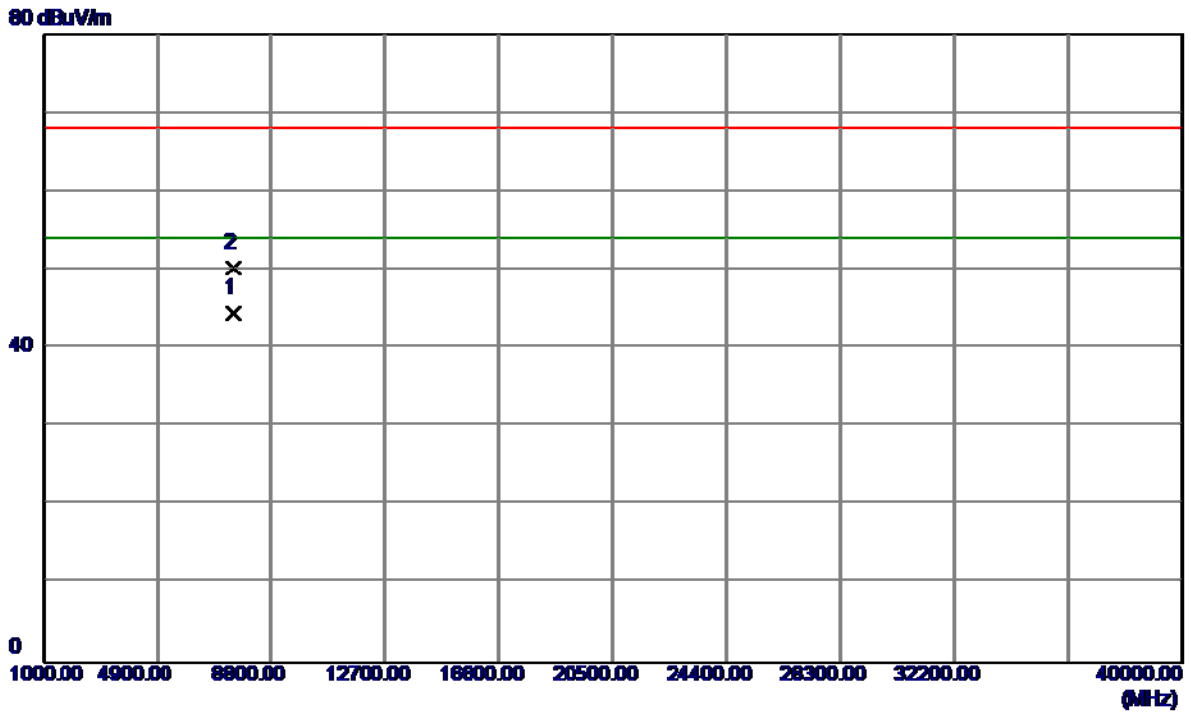


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5579.4000	58.13	42.06	100.19	68.20	31.99	Peak	No Limit
2 *	5580.2000	47.99	42.07	90.06	54.00	36.06	AVG	No Limit
3	5725.0000	9.17	42.58	51.75	68.20	-16.45	Peak	
4	5725.0000	0.05	42.58	42.63	54.00	-11.37	AVG	



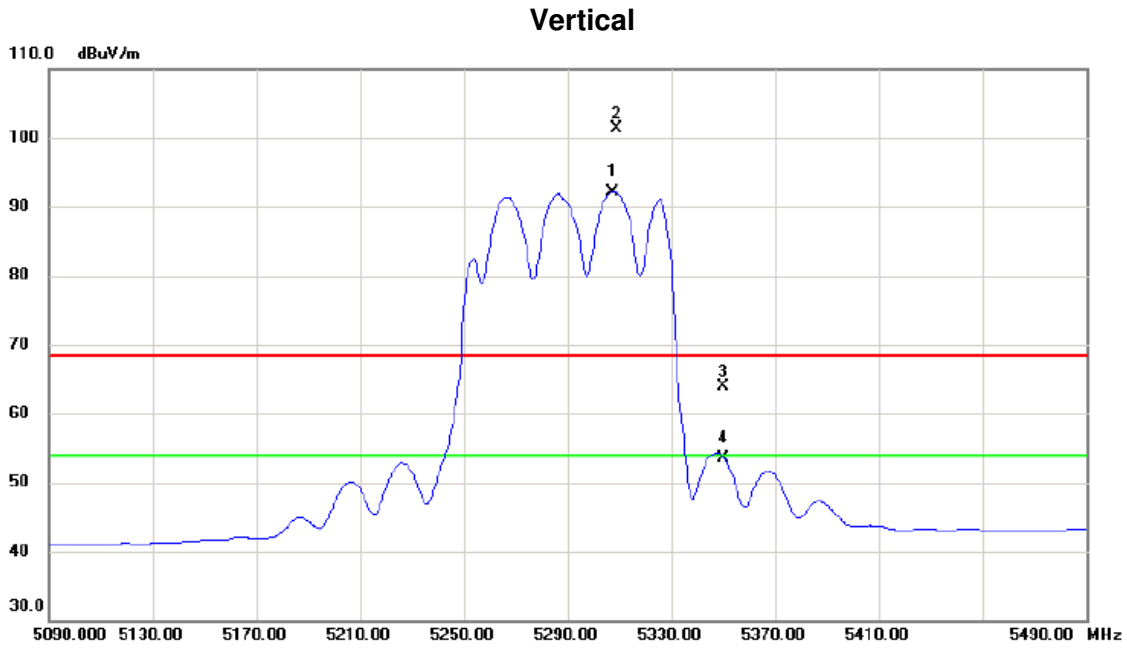
Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC Wave2(80 MHz) Mode 5610MHz

**Horizontal**



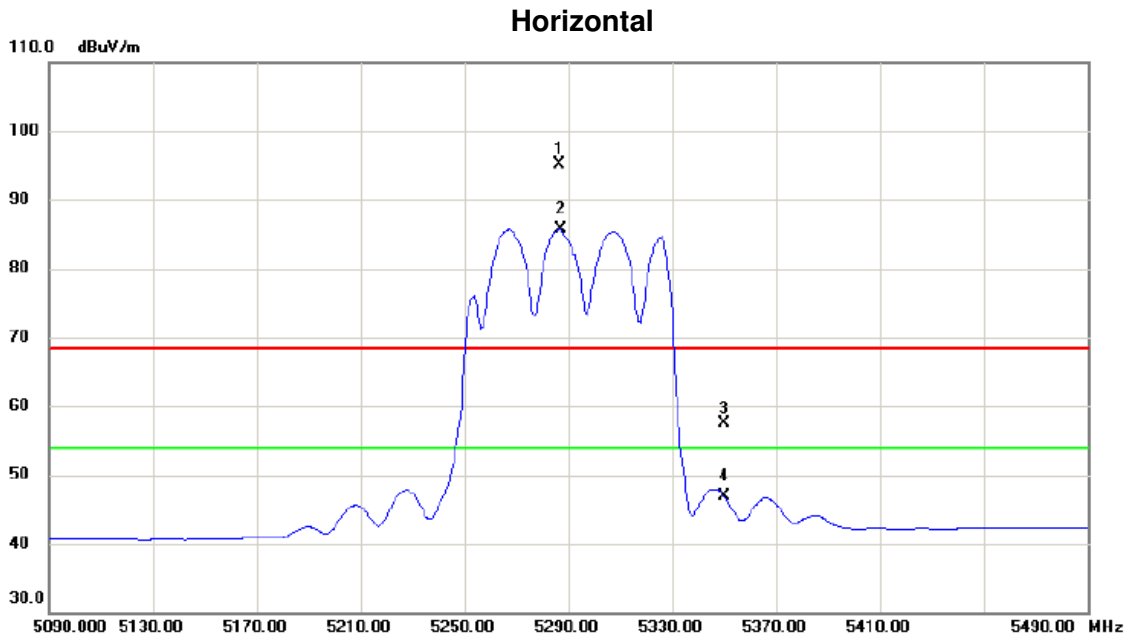
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7479.7280	32.78	11.71	44.49	54.00	-9.51	AVG	
2	7479.8410	38.47	11.71	50.18	68.20	-18.02	Peak	

Test Mode: TX AC Wave2(160 MHz) Mode 5290MHz



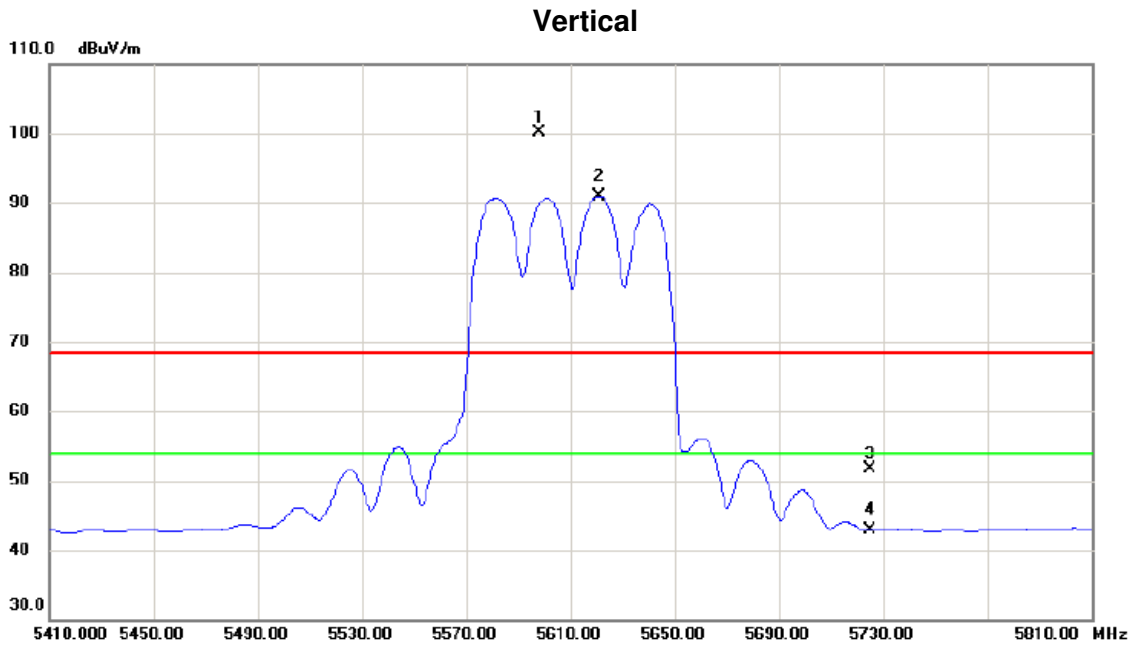
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	5307.400	50.98	41.15	92.13	54.00	38.13	AVG	NO LIMIT
2	X	5309.200	60.12	41.15	101.27	68.30	32.97	peak	NO LIMIT
3		5350.000	22.71	41.28	63.99	68.30	-4.31	peak	
4		5350.000	12.16	41.28	53.44	54.00	-0.56	AVG	

Test Mode: TX AC Wave2(160 MHz) Mode 5290MHz



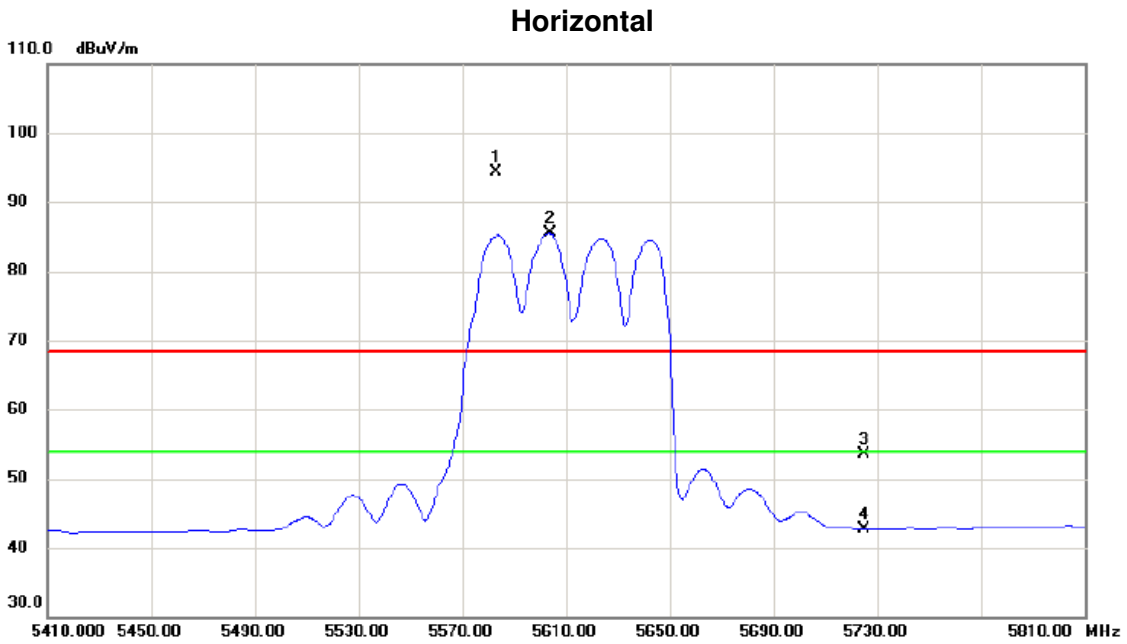
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	5286.400	53.93	41.08	95.01	68.30	26.71	peak	NO LIMIT
2	*	5287.000	44.71	41.08	85.79	54.00	31.79	AVG	NO LIMIT
3		5350.000	16.21	41.28	57.49	68.30	-10.81	peak	
4		5350.000	5.59	41.28	46.87	54.00	-7.13	AVG	

Test Mode: TX AC Wave2(160 MHz) Mode 5610MHz



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	5598.000	58.05	42.13	100.18	68.30	31.88	peak	NO LIMIT
2	*	5621.000	48.70	42.21	90.91	54.00	36.91	AVG	NO LIMIT
3		5725.000	9.17	42.58	51.75	68.30	-16.55	peak	
4		5725.000	0.32	42.58	42.90	54.00	-11.10	AVG	

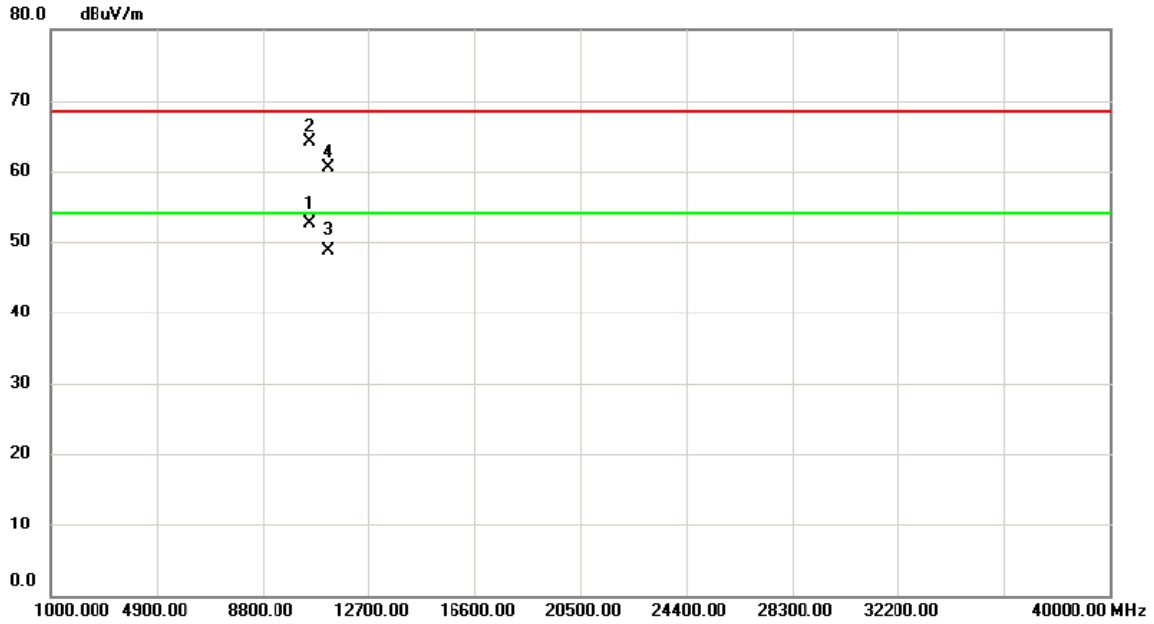
Test Mode: TX AC Wave2(160 MHz) Mode 5610MHz



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	5583.200	52.14	42.08	94.22	68.30	25.92	peak	NO LIMIT
2	X	5603.600	43.26	42.15	85.41	68.30	17.11	peak	NO LIMIT
3		5725.000	10.83	42.58	53.41	68.30	-14.89	peak	
4		5725.000	0.18	42.58	42.76	68.30	-25.54	peak	

Test Mode: TX AC Wave2(160 MHz) Mode 5290MHz+5610MHz

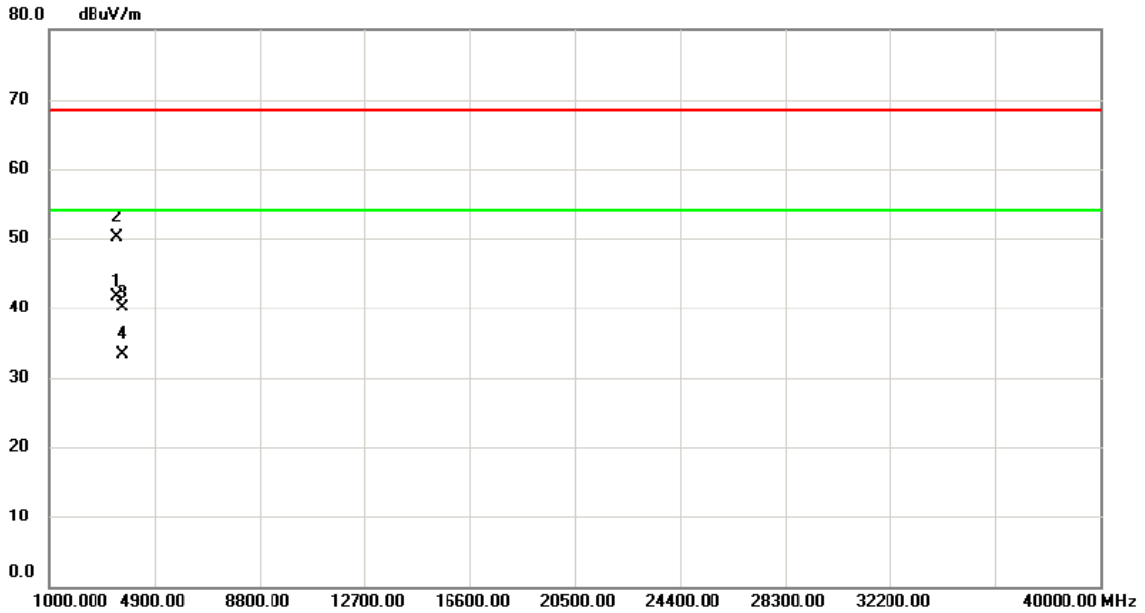
**Vertical**



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	10560.400	37.08	15.37	52.45	54.00	-1.55	AVG	
2		10561.400	48.76	15.37	64.13	68.30	-4.17	peak	
3		11206.200	32.88	15.74	48.62	54.00	-5.38	AVG	
4		11206.600	44.68	15.74	60.42	68.30	-7.88	peak	

Test Mode: TX AC Wave2(160 MHz) Mode 5290MHz+5610MHz

### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		3526.604	40.34	1.40	41.74	68.20	-26.46	peak	
2	*	3526.634	48.78	1.40	50.18	54.00	-3.82	AVG	
3		3739.970	37.98	2.10	40.08	68.20	-28.12	peak	
4		3739.992	31.17	2.10	33.27	54.00	-20.73	AVG	

### TX A Mode\_DUTY CYCLE

Duty cycle: TX DUTYMHZ

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

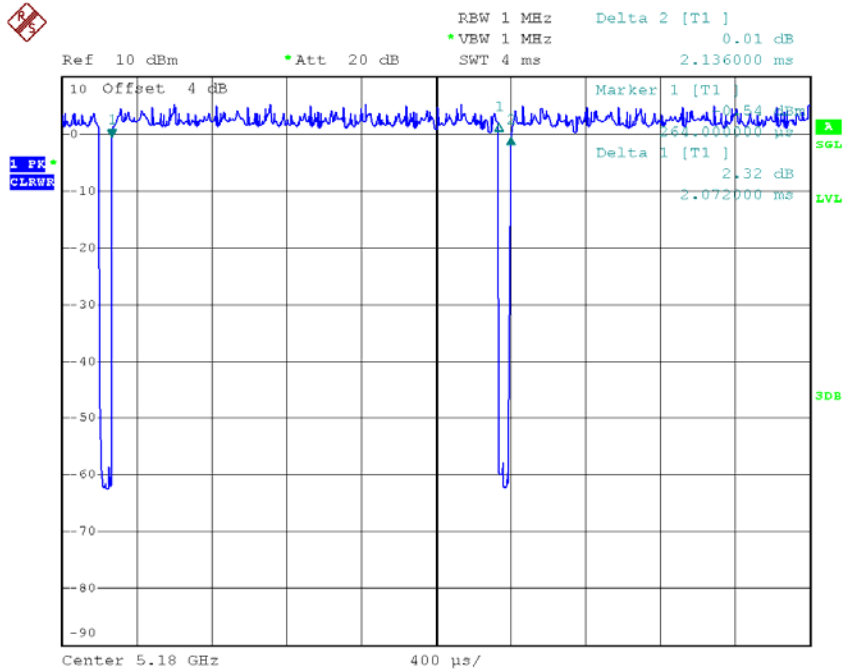
$T_{\text{ON}}$ :2.07msec

$T_{\text{Total}}$ :2.14msec

Duty cycle: 96.73%

Duty Factor= 10 log(1/Duty cycle)

Duty Factor =0.14



Date: 22.SEP.2016 20:16:50

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  
 asOutput Power = Measured power + Ducus factor  
 Power Spectral Density = Measured density + Duty factor



**TX N20 Mode\_DUTY CYCLE**

Duty cycle: TX DUTYMHZ

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

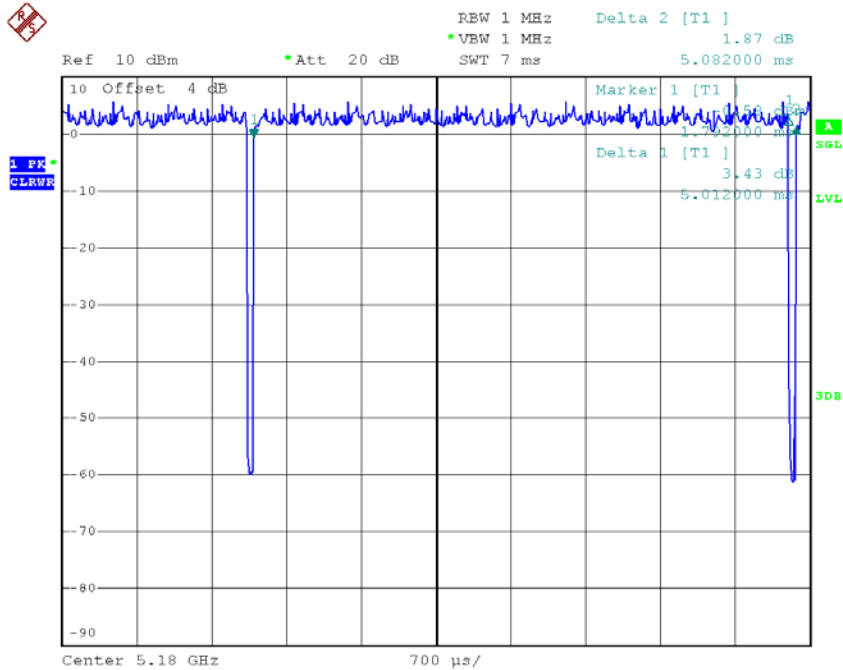
$T_{ON}$ :5.01msec

$T_{Total}$ :5.08msec

Duty cycle: 98.62%

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

Duty Factor =0.06



Date: 22.SEP.2016 20:32:46

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

**TX N40 Mode\_DUTY CYCLE**

Duty cycle: TX DUTYMHZ

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

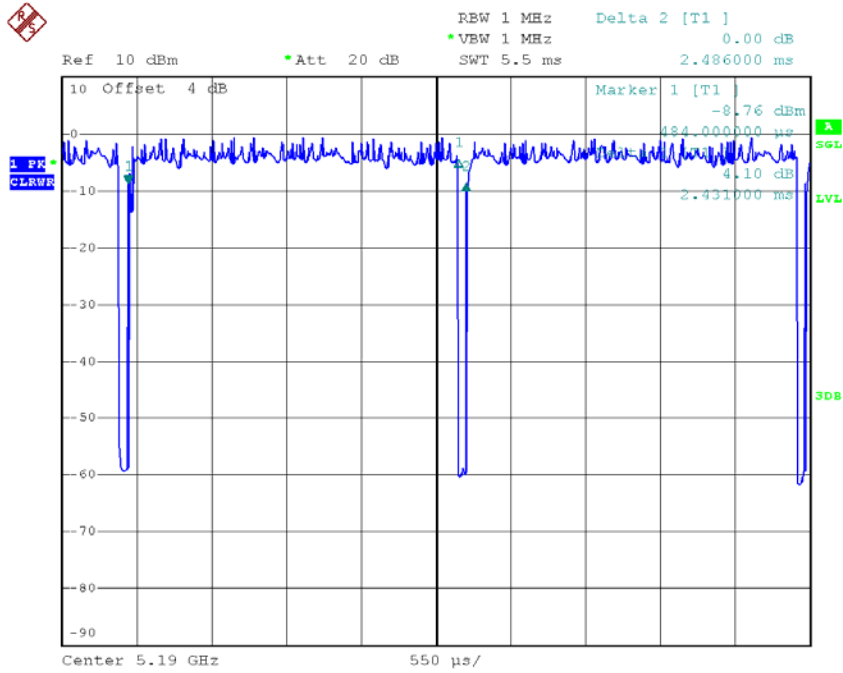
$T_{ON}$ :2.43msec

$T_{Total}$ :2.49msec

Duty cycle: 97.59%

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

Duty Factor =0.11



Date: 22.SEP.2016 20:33:25

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  
 asOutput Power = Measured power + Ducus factor  
 Power Spectral Density = Measured density + Duty factor

### TX AC Wave2(20 MHz) Mode\_DUTY CYCLE

Duty cycle: TX DUTYMHZ

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

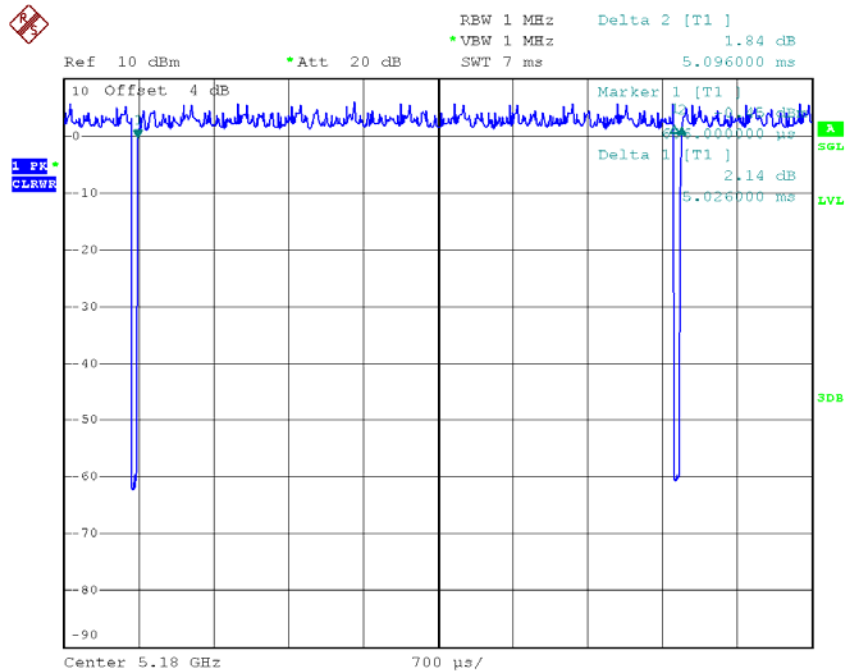
$T_{\text{ON}}$ :5.03msec

$T_{\text{Total}}$ :5.10msec

Duty cycle: 98.63%

Duty Factor= 10 log(1/Duty cycle)

Duty Factor =0.06



Date: 22.SEP.2016 20:33:04

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

**TX AC Wave2(40 MHz) Mode\_DUTY CYCLE**

Duty cycle: TX DUTYMHZ

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

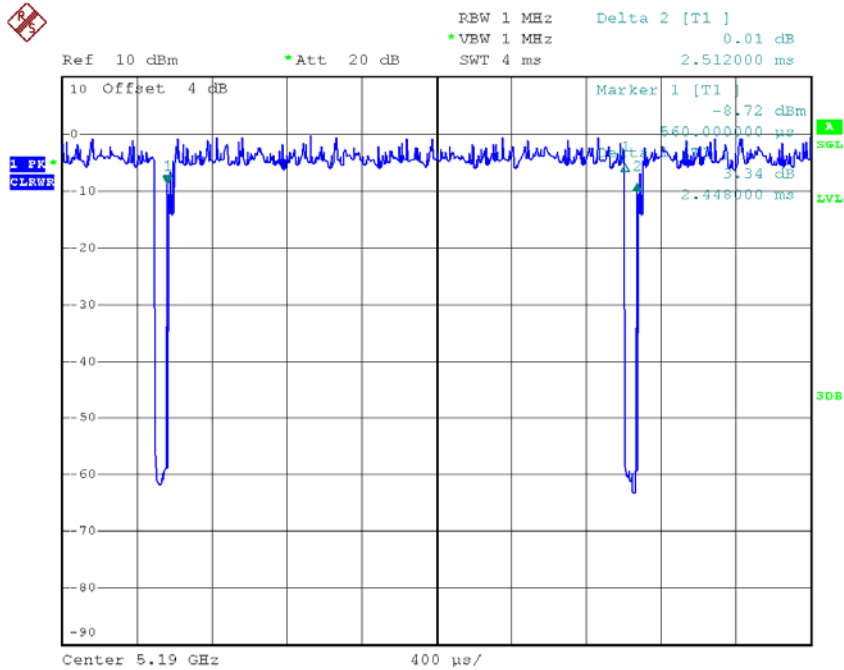
$T_{ON}$ :2.45msec

$T_{Total}$ :2.51msec

Duty cycle: 97.61%

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

Duty Factor =0.11



Date: 22.SEP.2016 20:33:42

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  
 asOutput Power = Measured power + Ducus factor  
 Power Spectral Density = Measured density + Duty factor

**TX AC Wave2(80 MHz) Mode\_DUTY CYCLE**

Duty cycle: TX DUTYMHZ

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

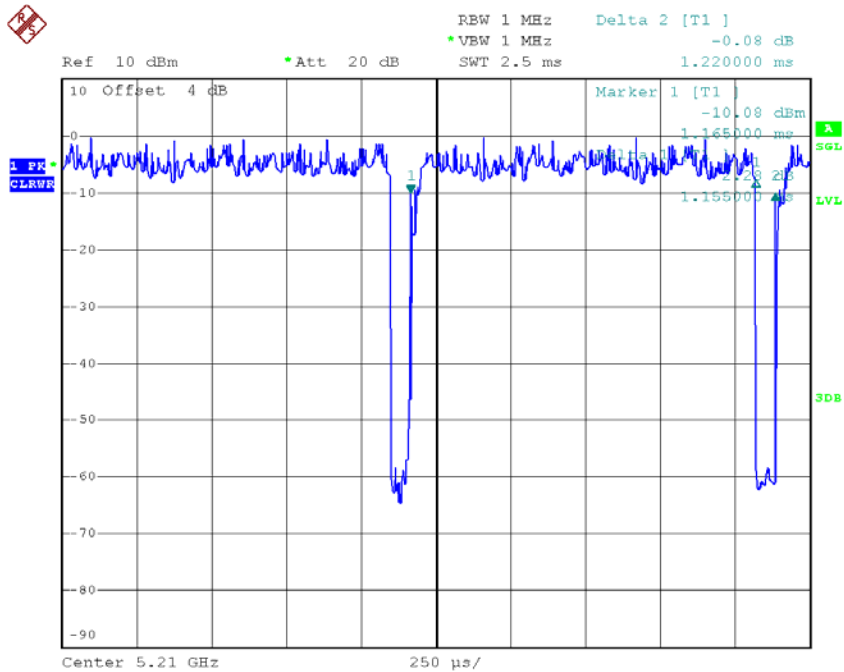
$T_{ON}$ :1.16msec

$T_{Total}$ :1.22msec

Duty cycle: 95.08%

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

Duty Factor =0.22



Date: 22.SEP.2016 20:34:03

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  
 asOutput Power = Measured power + Ducus factor  
 Power Spectral Density = Measured density + Duty factor

**TX AC Wave2(160 MHz) Mode\_DUTY CYCLE**

Duty cycle: TX DUTYMHz

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

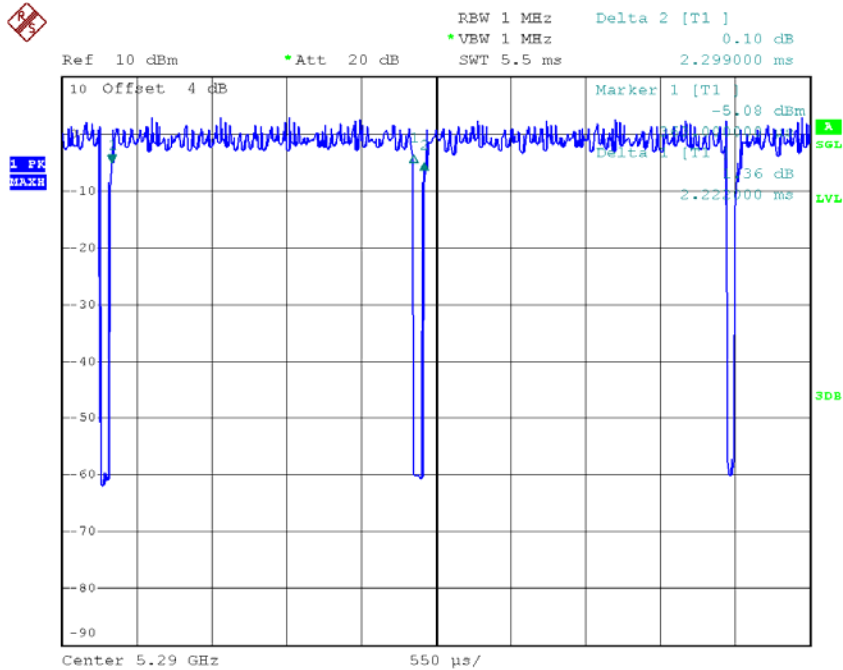
$T_{ON}$ :2.22msec

$T_{Total}$ :2.29msec

Duty cycle: 96.94%

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

Duty Factor =0.13



Date: 4.JAN.2017 13:30:04

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 + Duty factor  
 Power Spectral Density = Measured density + Duty factor

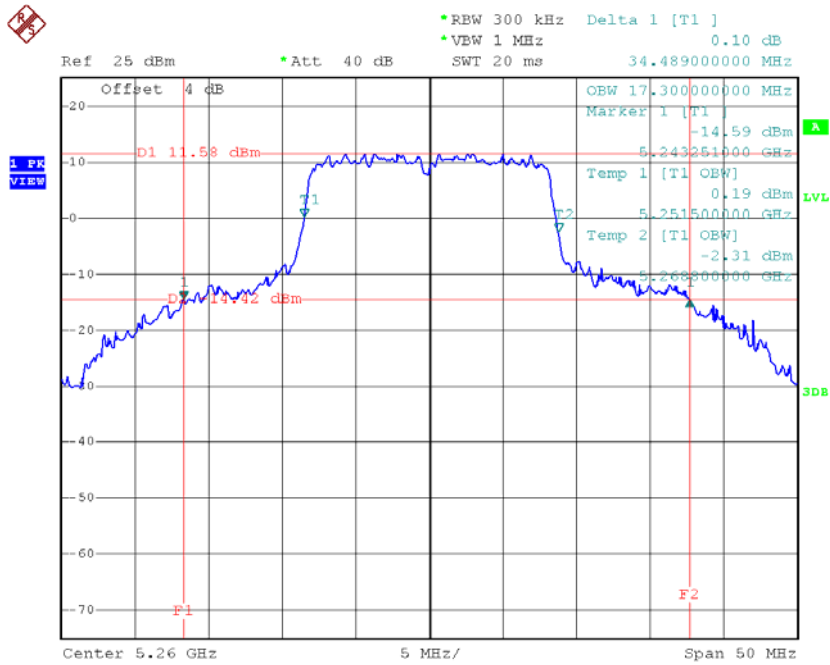
## ATTACHMENTE -BANDWIDTH

## Non-Beamforming

**Test Mode: UNII-2A/TX A Mode\_CH52/CH60/CH64**

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH52	5260	34.49	17.30
CH60	5300	36.35	18.50
CH64	5320	37.59	19.50

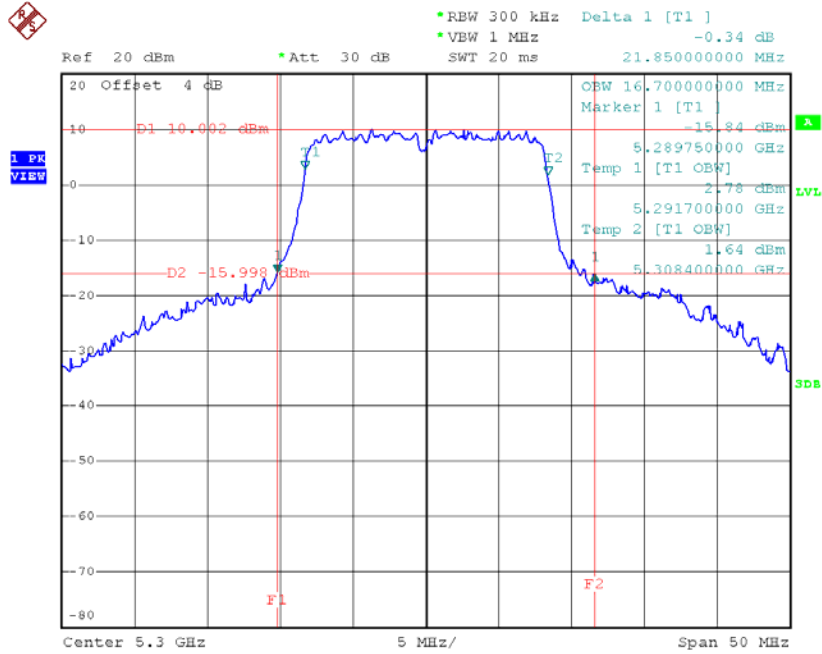
### TX CH52



Date: 21.SEP.2016 21:43:26

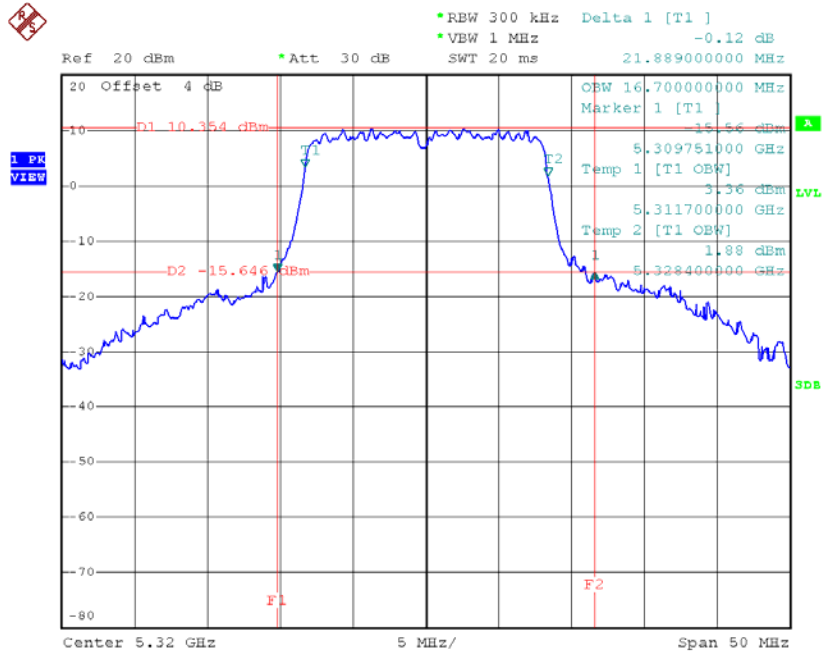


**TX CH60**



Date: 30.DEC.2016 14:09:23

**TX CH64**

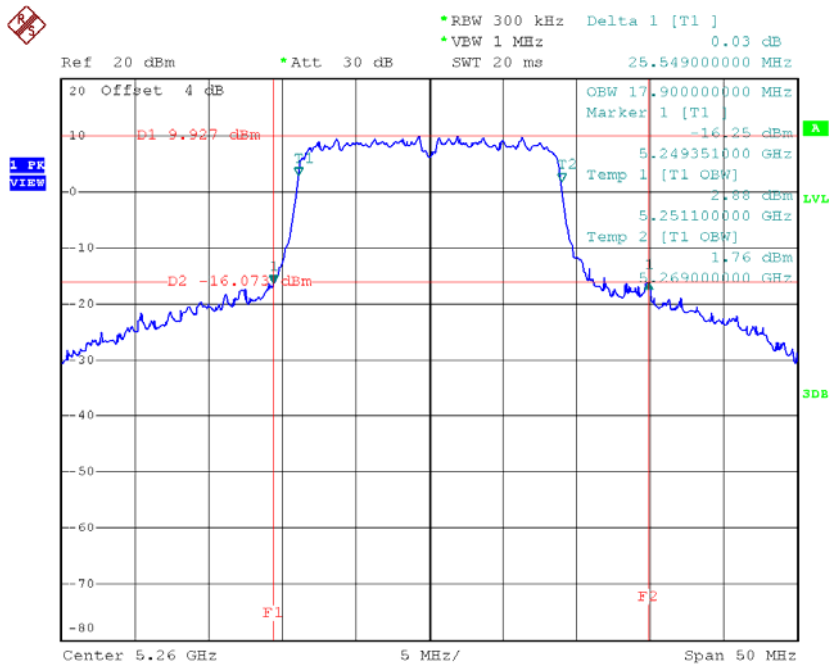


Date: 30.DEC.2016 14:10:36

**Test Mode: UNII-2A/TX N20 Mode\_CH52/CH60/CH64**

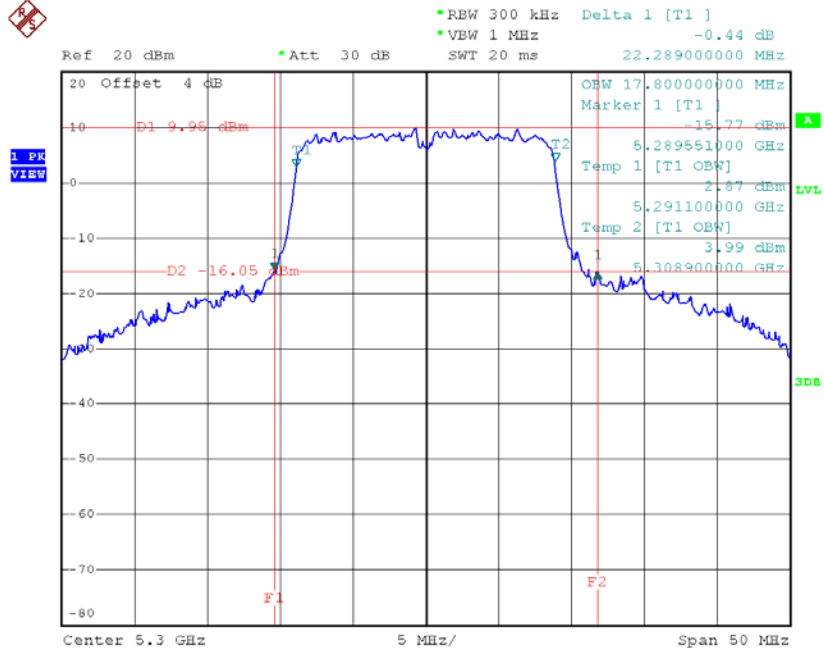
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH52	5260	25.55	17.90
CH60	5300	22.29	17.80
CH64	5320	21.45	17.70

**TX CH52**



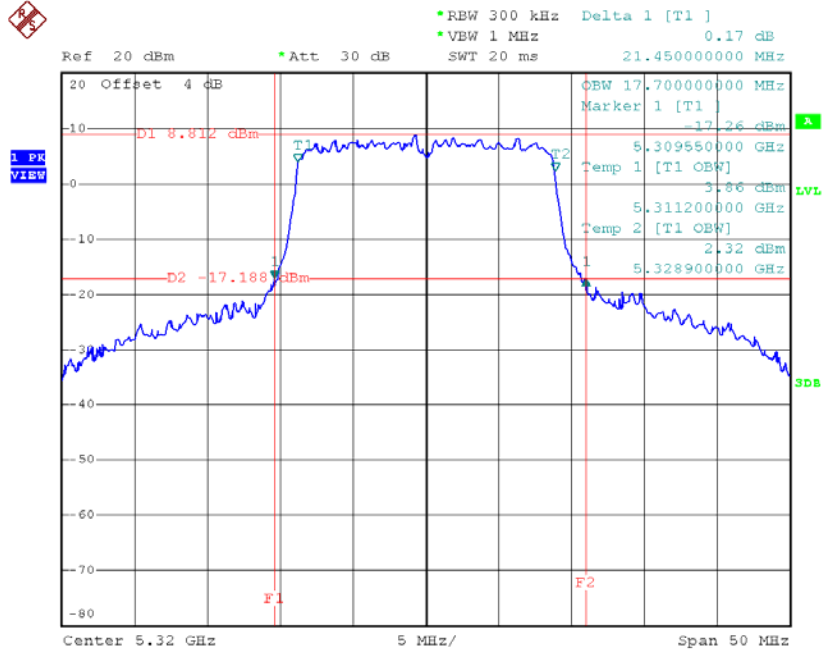
Date: 30.DEC.2016 15:05:45

**TX CH60**



Date: 30.DEC.2016 15:09:12

**TX CH64**

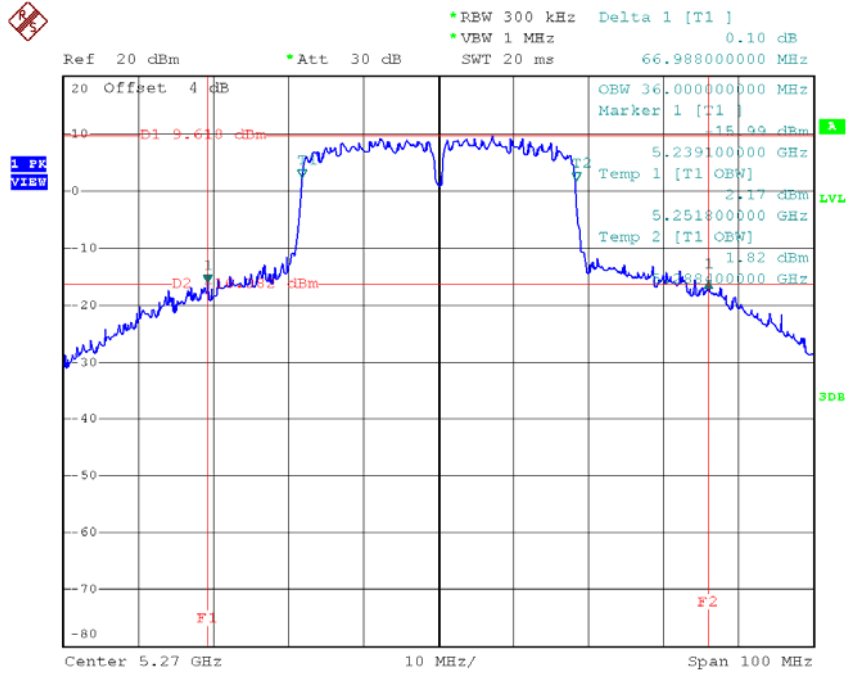


Date: 30.DEC.2016 15:28:21

**Test Mode: UNII-2A/TX N40 Mode\_CH54/CH62**

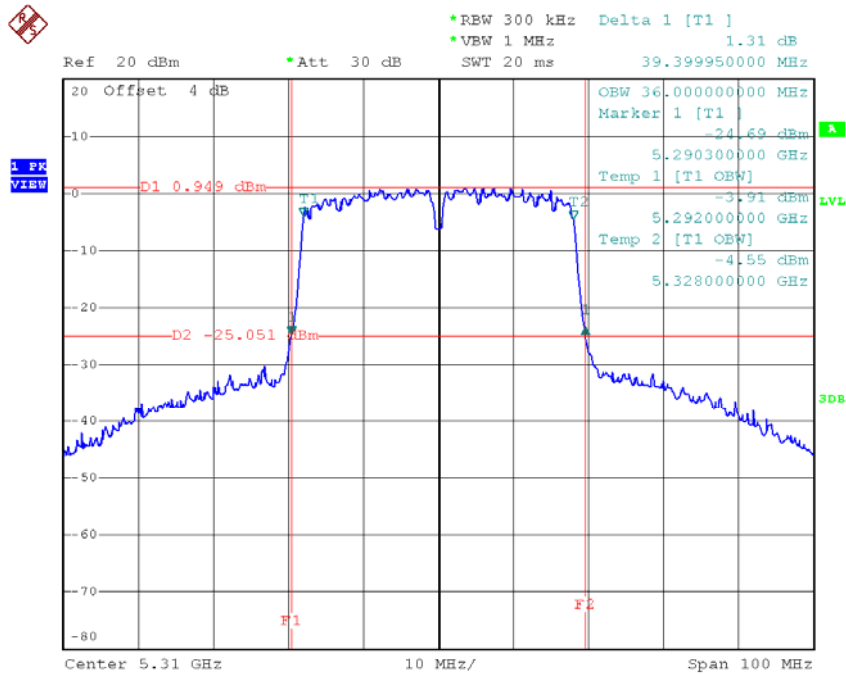
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH54	5270	66.70	36.00
CH62	5310	39.40	36.00

**TX CH54**



Date: 30.DEC.2016 16:07:00

**TX CH62**

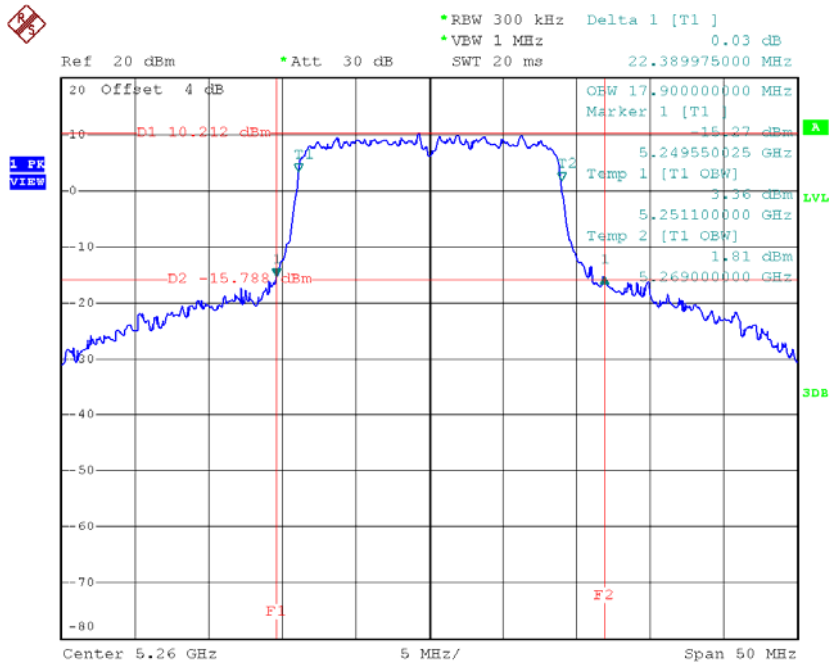


Date: 30.DEC.2016 16:10:25

**Test Mode: UNII-2A/TX AC Wave2(20 MHz) Mode\_CH52/CH60/CH64**

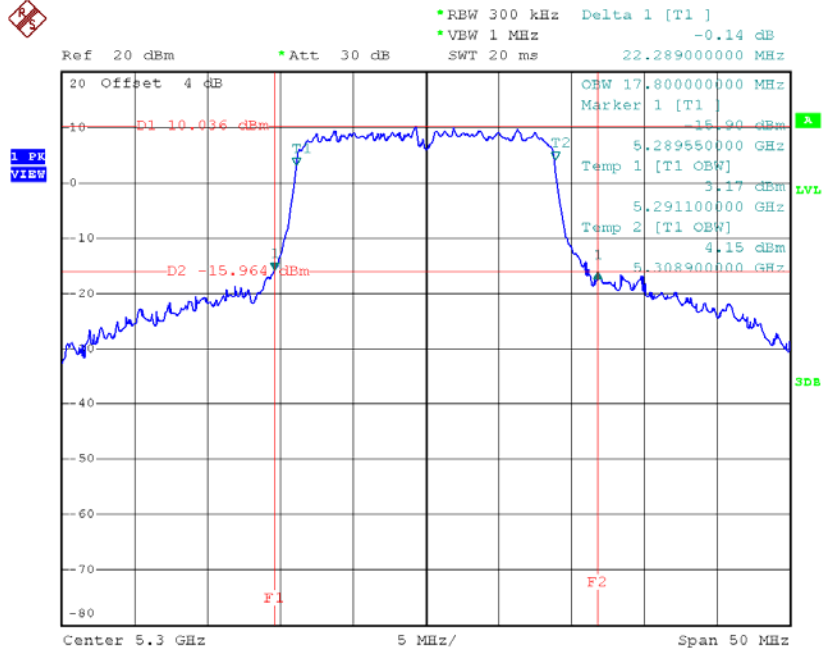
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH52	5260	22.40	17.90
CH60	5300	22.29	17.80
CH64	5320	21.45	17.80

**TX CH52**



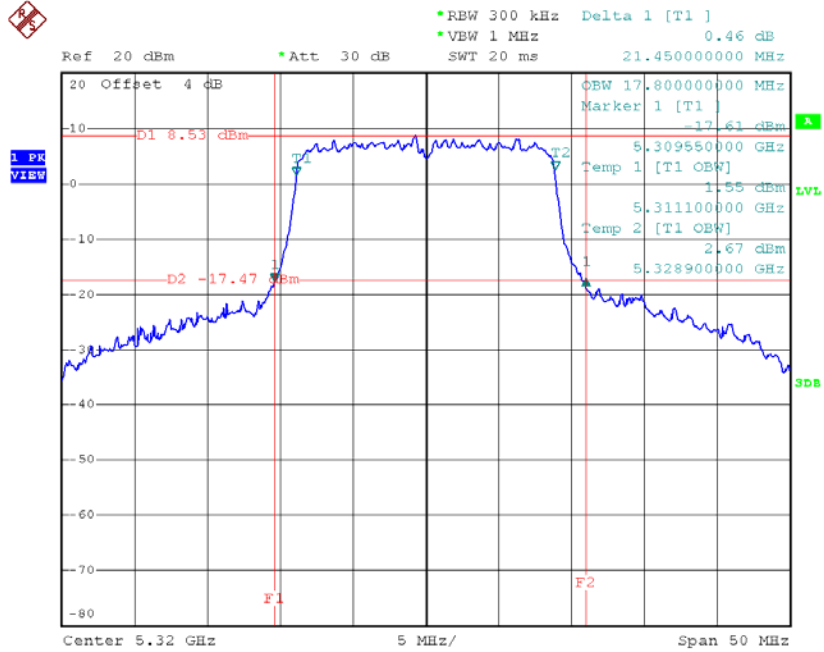
Date: 30.DEC.2016 15:42:07

**TX CH60**



Date: 30.DEC.2016 15:43:57

**TX CH64**



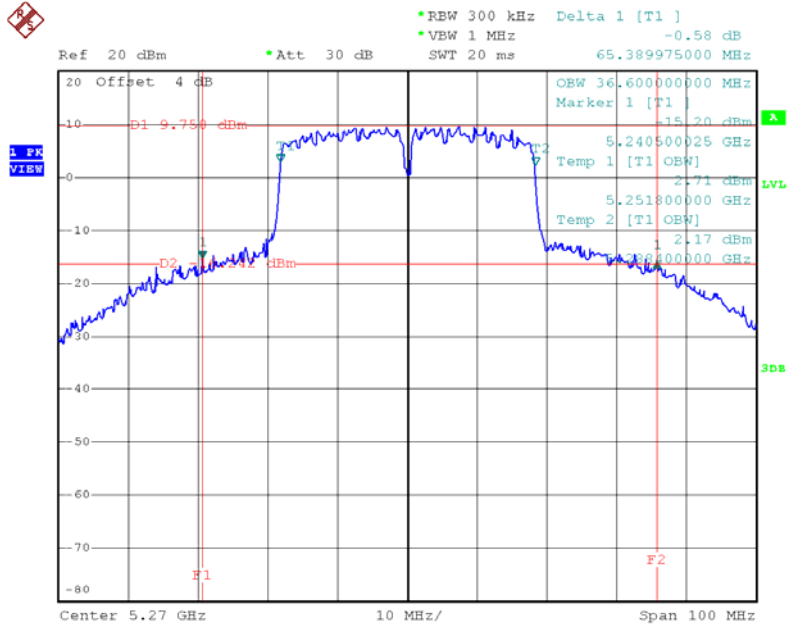
Date: 30.DEC.2016 15:47:13

**Test Mode: UNII-2A/TX AC Wave2(40 MHz) Mode\_CH54/CH62**

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH54	5270	65.39	36.60
CH62	5310	39.50	36.20

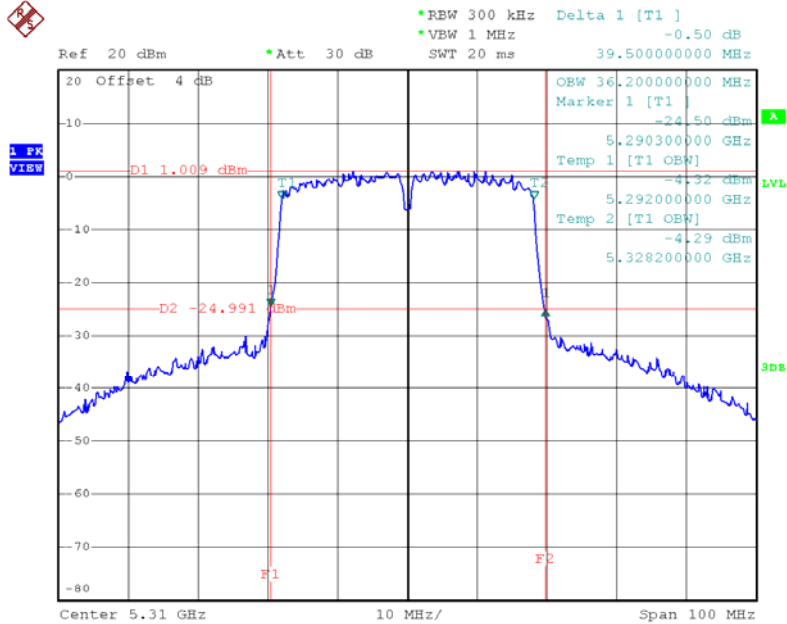


### TX CH54



Date: 30.DEC.2016 16:20:53

### TX CH62

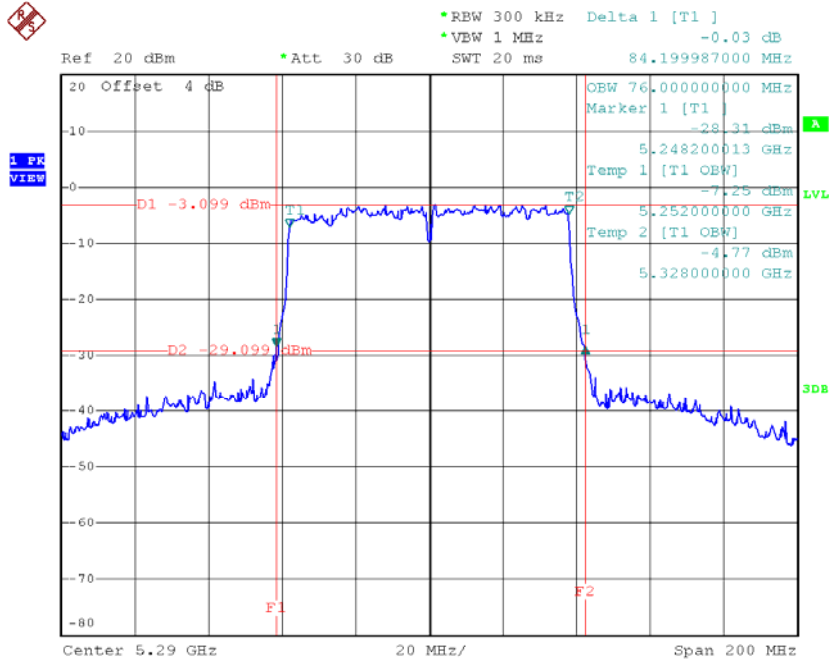


Date: 30.DEC.2016 16:31:27

**Test Mode: UNII-2A/TX AC Wave2(80 MHz) Mode\_CH58**

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH58	5290	84.20	76.00

**TX CH58**

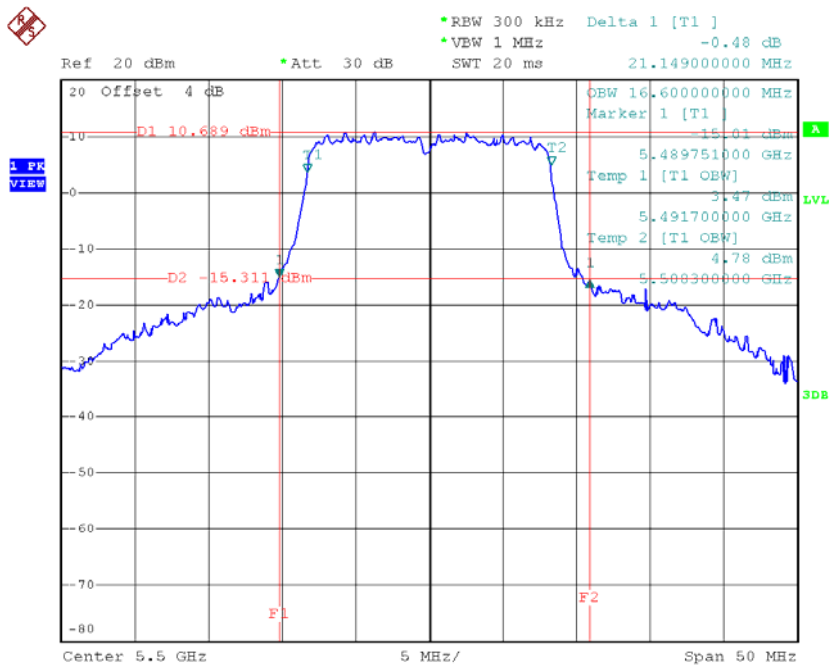


Date: 30.DEC.2016 18:23:21

**Test Mode: UNII-2C/TX A Mode\_CH100/CH116/CH140**

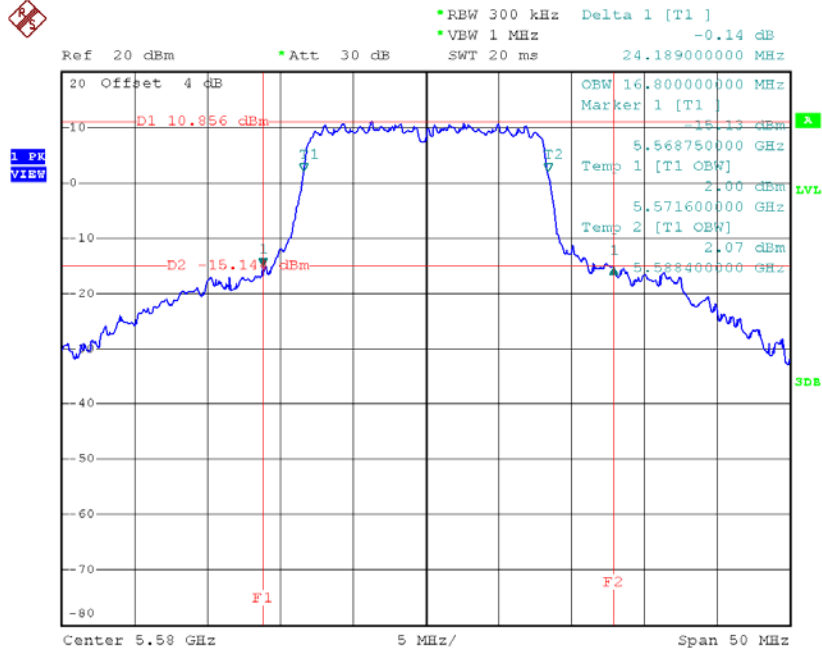
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH100	5500	21.15	16.60
CH116	5580	24.19	16.80
CH140	5700	24.09	16.80

**TX CH100**



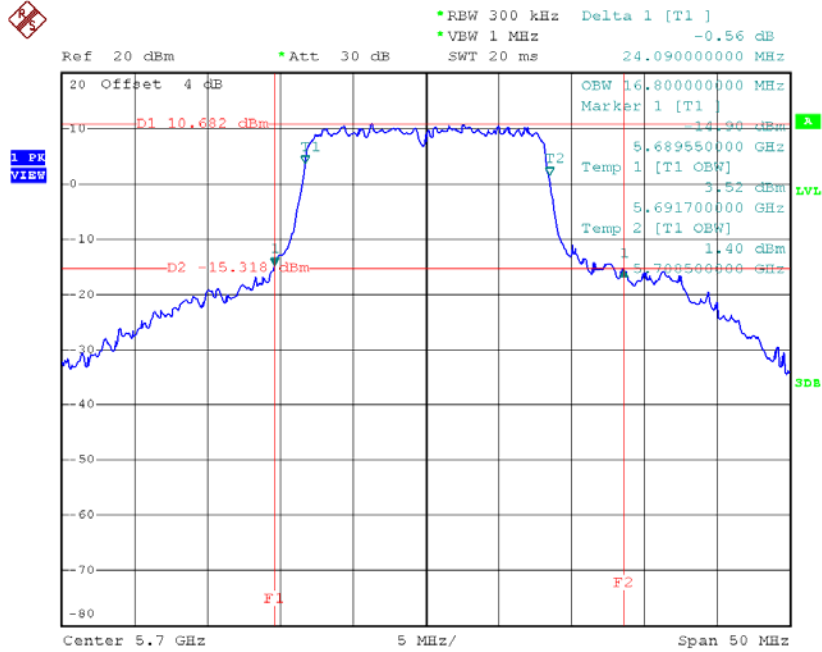
Date: 30.DEC.2016 14:14:43

**TX CH116**



Date: 30.DEC.2016 14:17:26

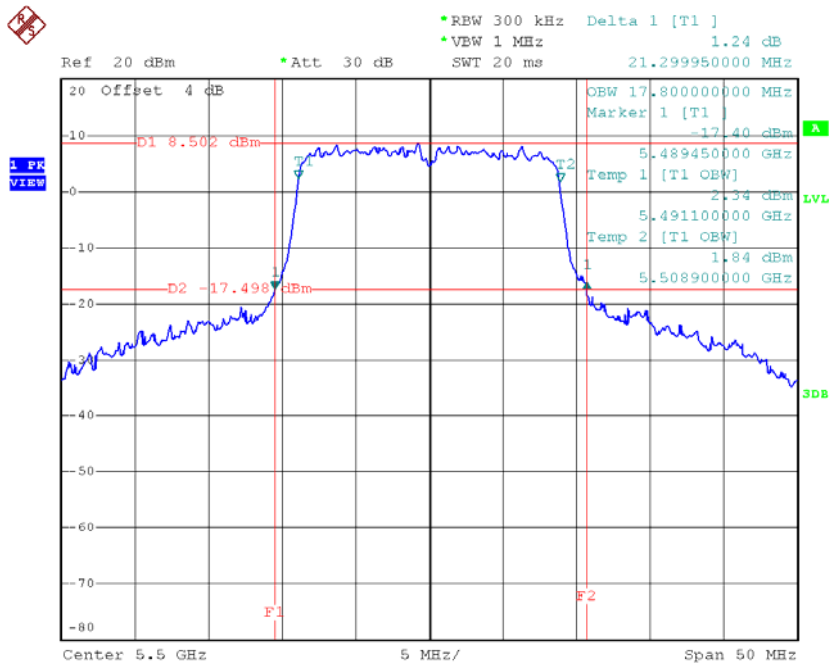
**TX CH140**



Date: 30.DEC.2016 14:20:55

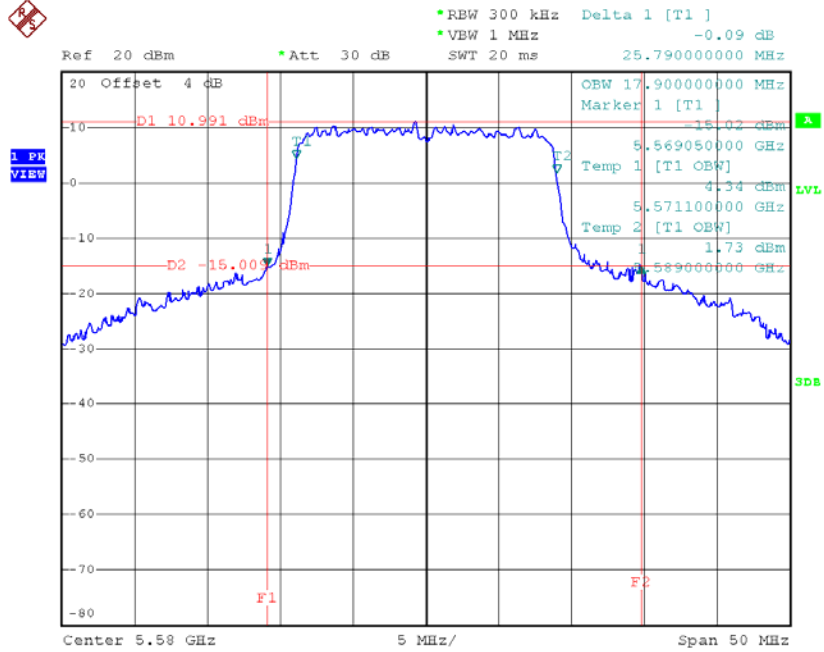
**Test Mode: UNII-2C/TX N20 Mode\_CH100/CH116/CH140**

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH100	5500	21.30	17.80
CH116	5580	25.79	17.90
CH140	5700	21.05	17.80

**TX CH100**


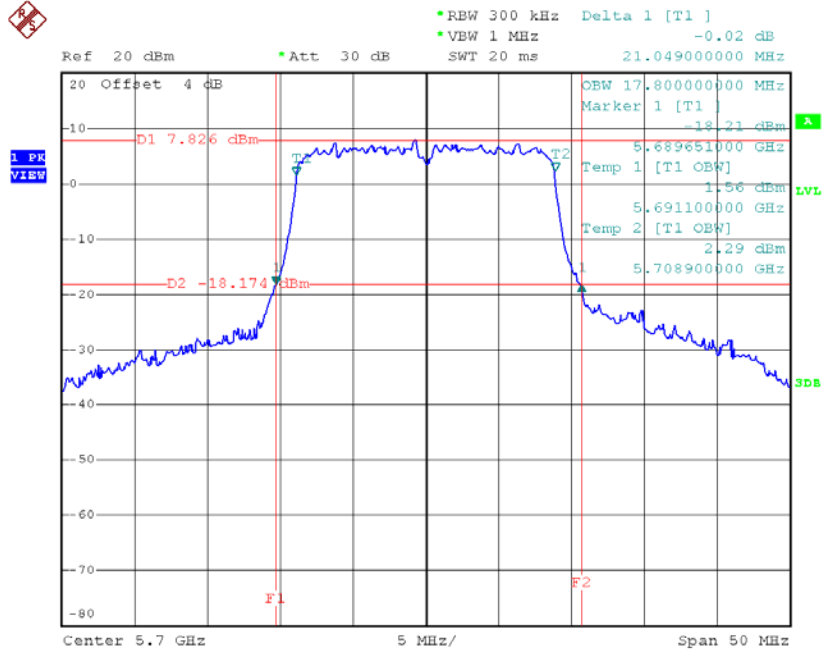
Date: 30.DEC.2016 15:29:25

**TX CH116**



Date: 30.DEC.2016 15:33:03

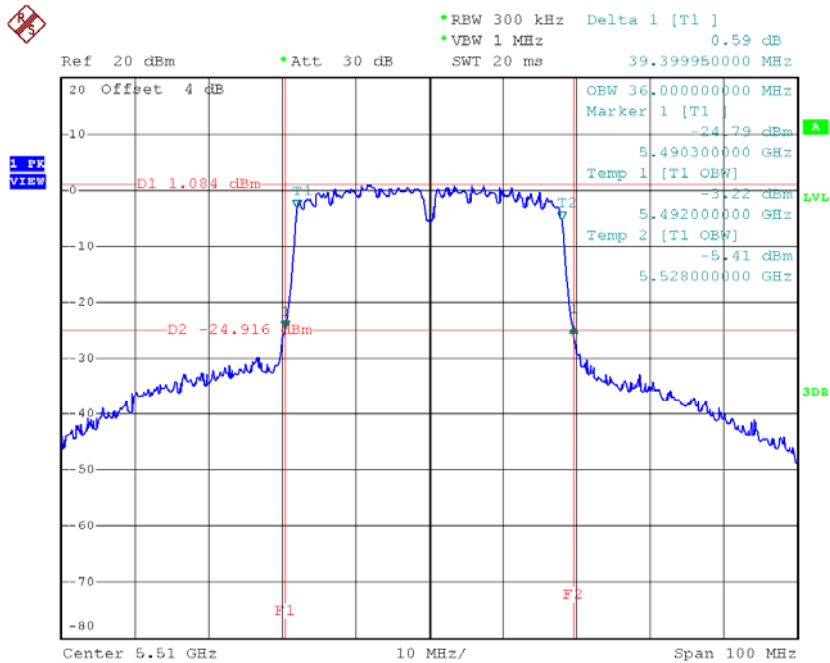
**TX CH140**



Date: 30.DEC.2016 15:34:23

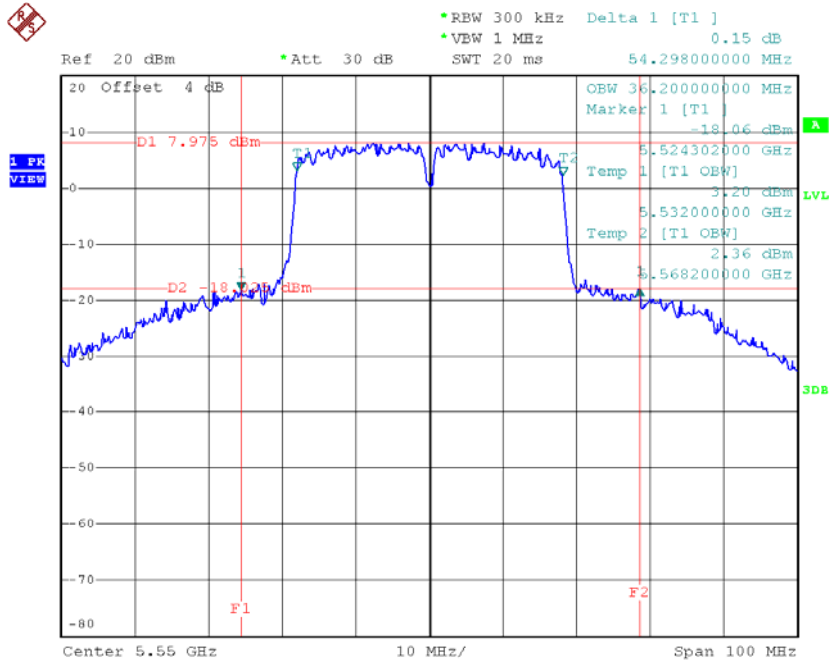
**Test Mode: UNII-2C/TX N40 Mode\_CH102/CH110/CH134**

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH102	5510	39.40	36.00
CH110	5550	54.30	36.20
CH134	5670	41.10	36.20

**TX CH102**


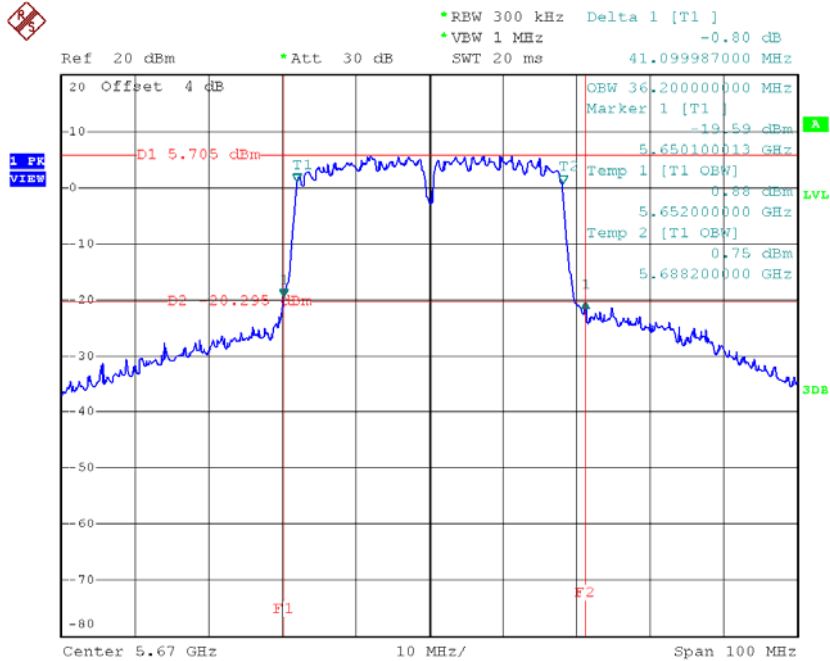
Date: 30.DEC.2016 16:13:55

**TX CH110**



Date: 30.DEC.2016 16:15:15

**TX CH134**



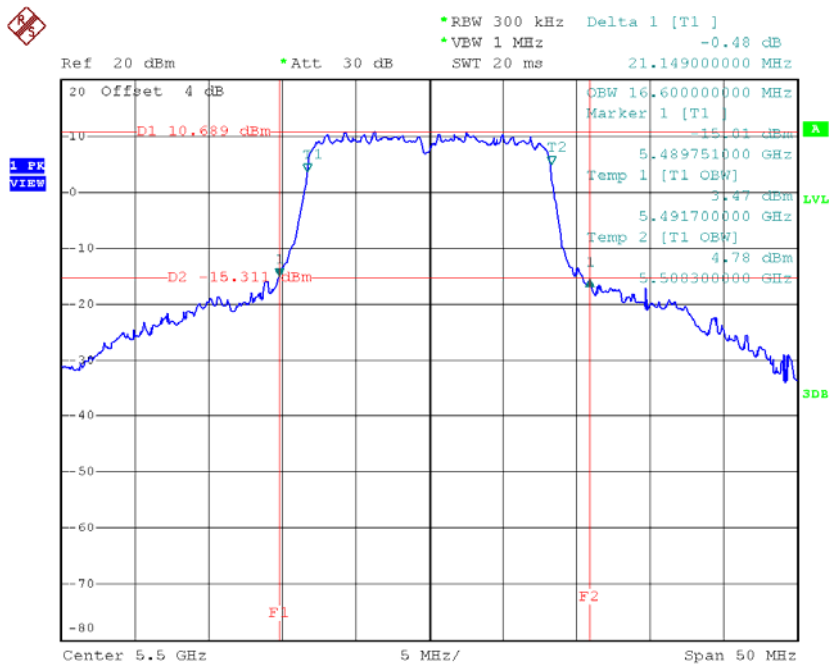
Date: 30.DEC.2016 16:18:28



**Test Mode: UNII-2C/TX AC Wave2(20 MHz) Mode\_CH100/CH116/CH140**

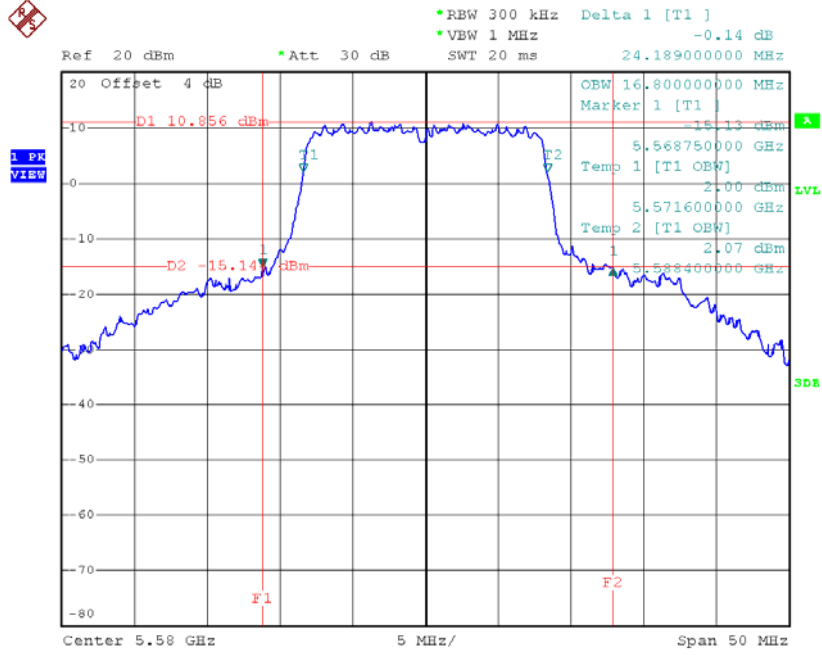
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH100	5500	21.49	17.80
CH116	5580	26.00	17.80
CH140	5700	20.99	17.70

**TX CH100**



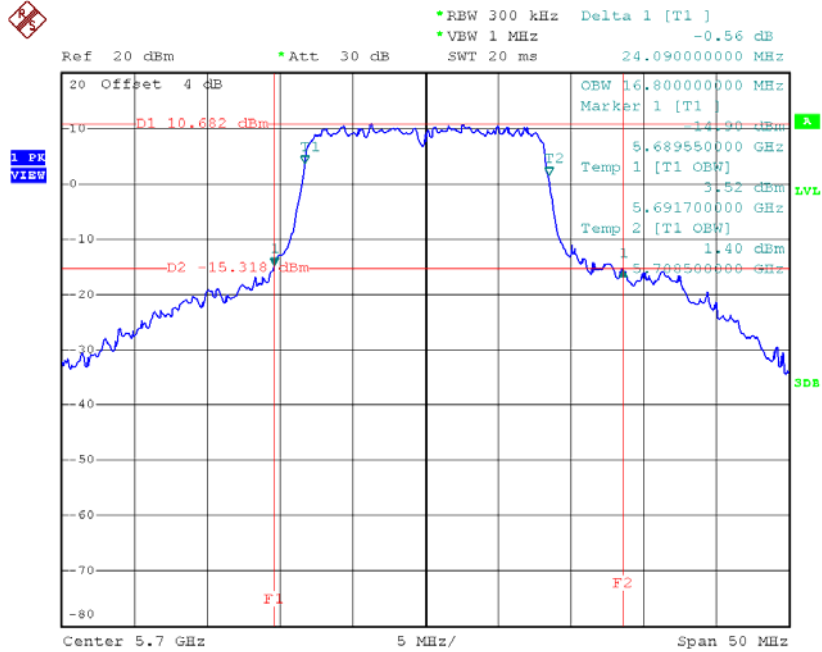
Date: 30.DEC.2016 14:14:43

**TX CH116**



Date: 30.DEC.2016 14:17:26

**TX CH140**

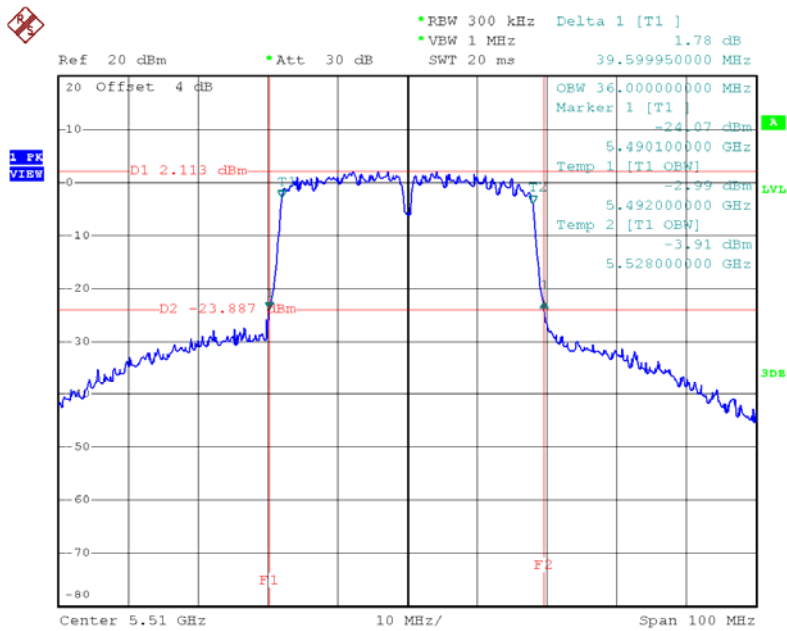


Date: 30.DEC.2016 14:20:55

**Test Mode: UNII-2C/TX AC Wave2(40 MHz) Mode\_CH102/CH110/CH134**

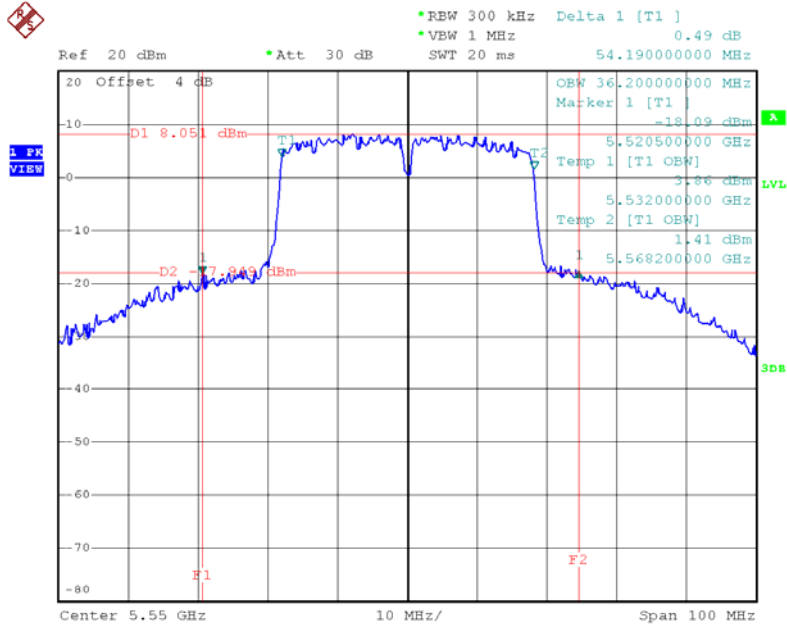
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH102	5510	39.60	36.00
CH110	5550	54.19	36.20
CH134	5670	39.99	36.20

**TX CH102**



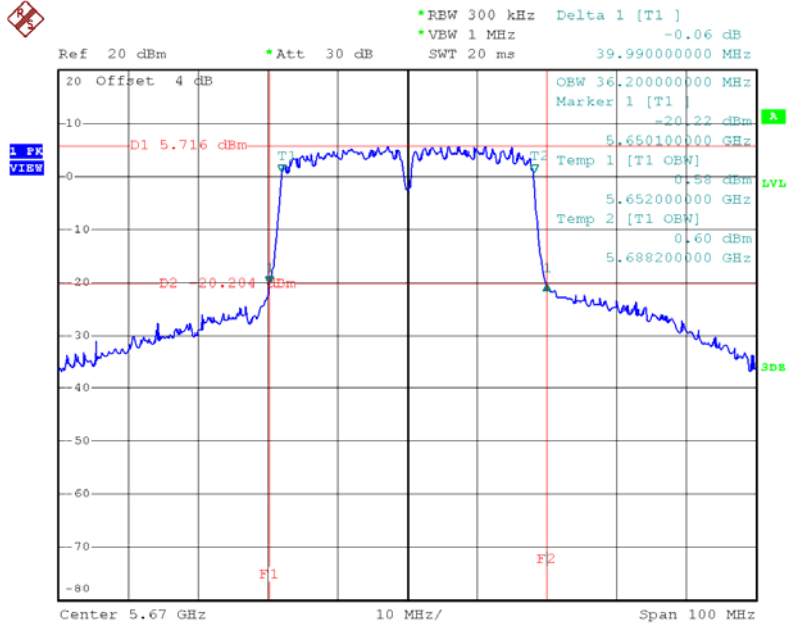
Date: 30.DEC.2016 17:33:37

**TX CH110**



Date: 30.DEC.2016 18:12:45

**TX CH134**

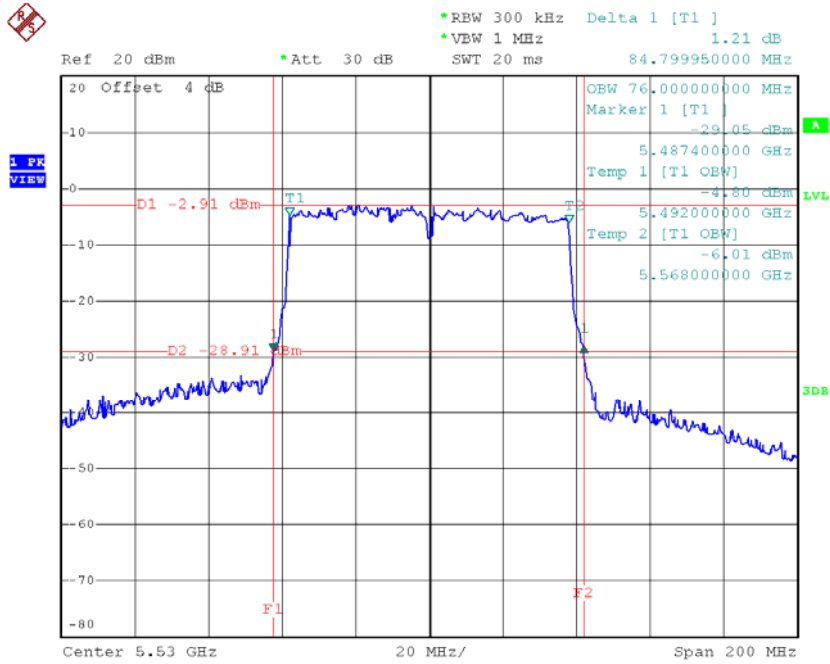


Date: 30.DEC.2016 18:14:37

**Test Mode: UNII-2C/TX AC Wave2(80 MHz) Mode\_CH106/CH122**

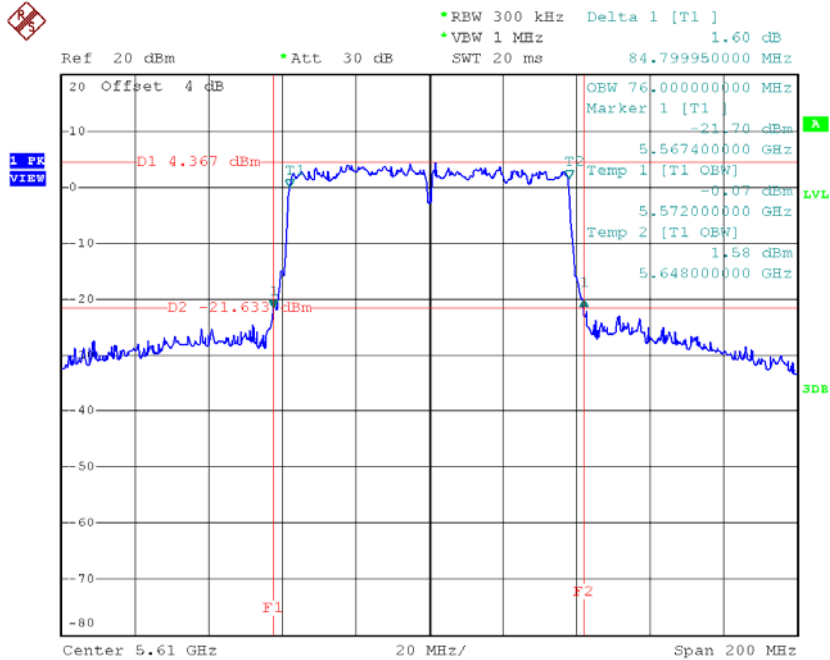
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH106	5530	84.80	76.00
CH122	5610	84.80	76.00

**TX CH106**



Date: 30.DEC.2016 18:26:57

**TX CH122**

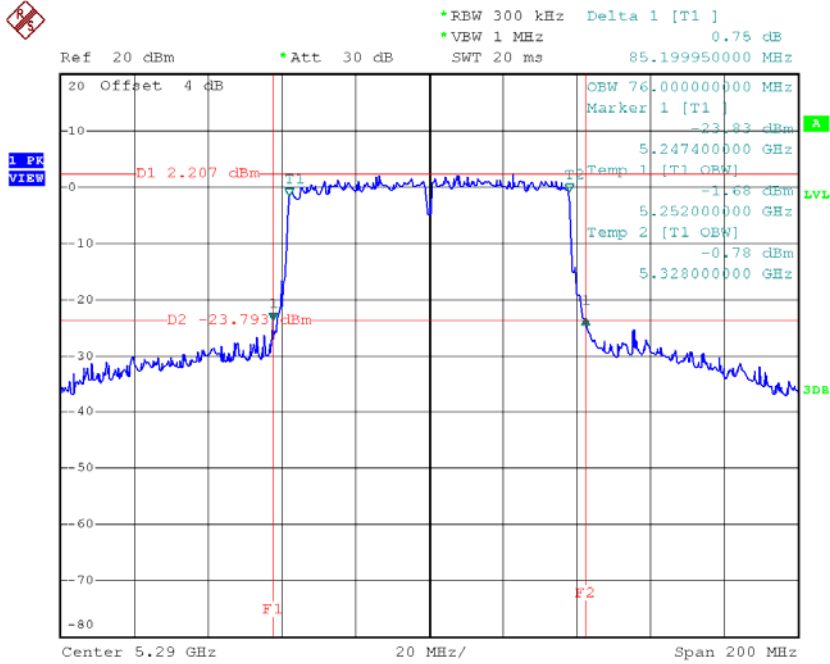


Date: 30.DEC.2016 18:33:27

**Test Mode: TX AC Wave2(160 MHz) Mode / CH58(UNII-2A)+CH122 (UNII-2C)**

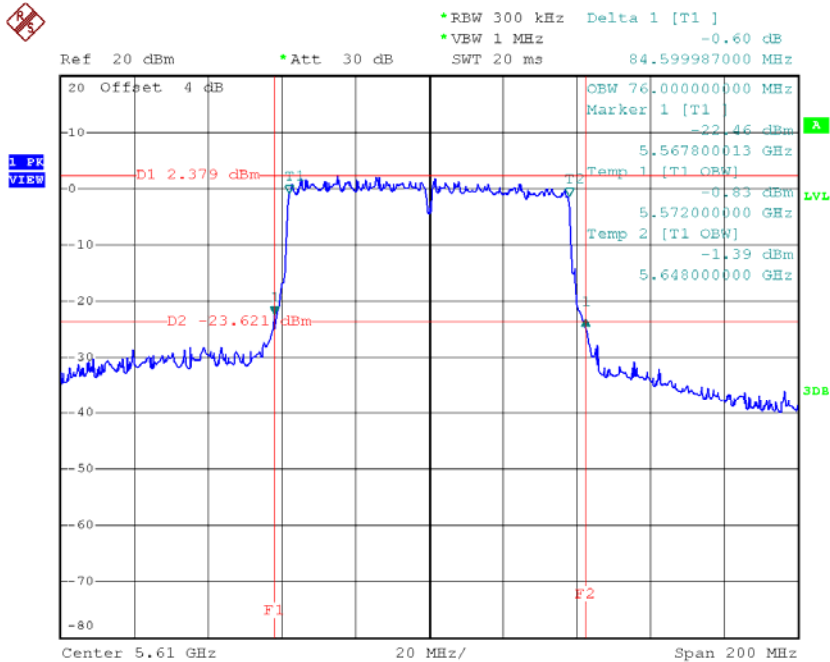
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH58	5290	85.20	76.00
CH122	5610	84.60	76.00

**TX CH58**



Date: 4.JAN.2017 13:29:45

**TX CH 122**



Date: 4.JAN.2017 13:35:09

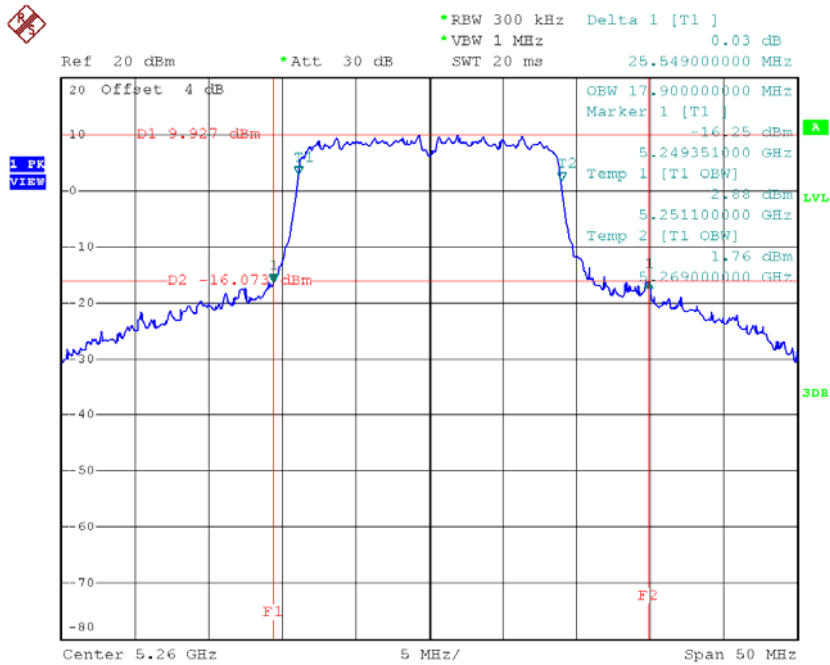


# Beamforming

**Test Mode: UNII-2A/TX N20 Mode\_CH52/CH60/CH64**

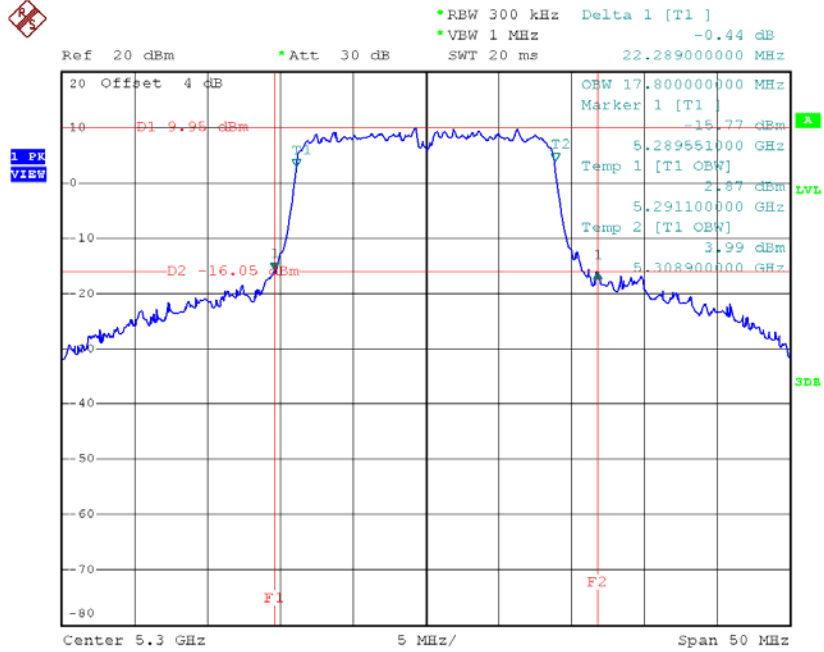
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH52	5260	25.55	17.90
CH60	5300	22.29	17.80
CH64	5320	21.45	17.70

## TX CH52



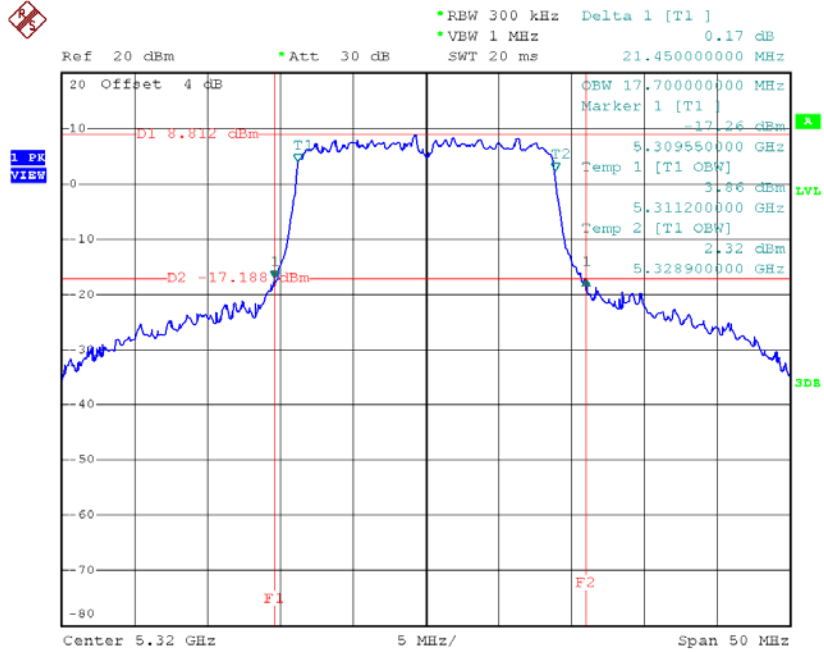
Date: 30.DEC.2016 15:05:45

**TX CH60**



Date: 30.DEC.2016 15:09:12

**TX CH64**

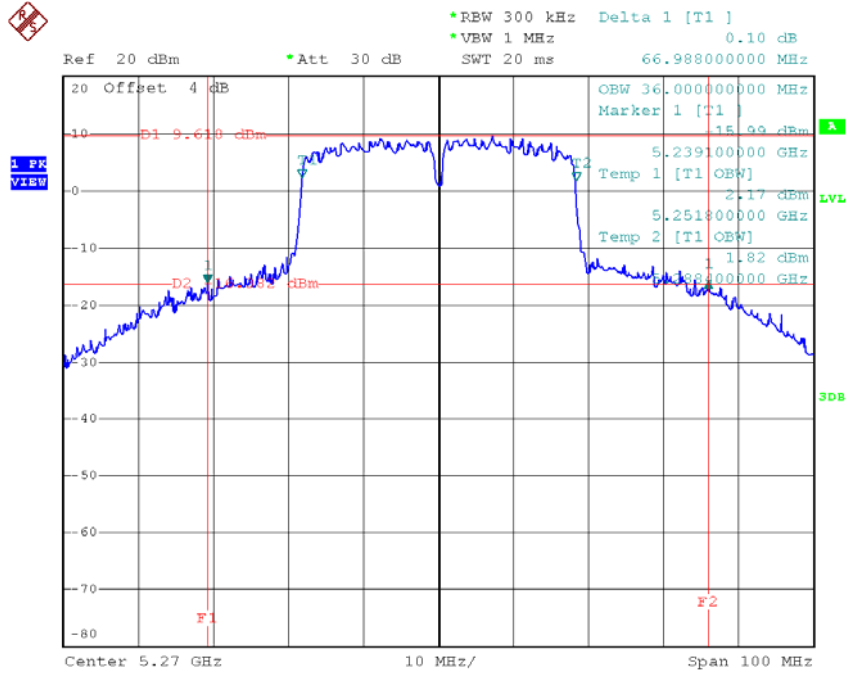


Date: 30.DEC.2016 15:28:21

**Test Mode: UNII-2A/TX N40 Mode\_CH54/CH62**

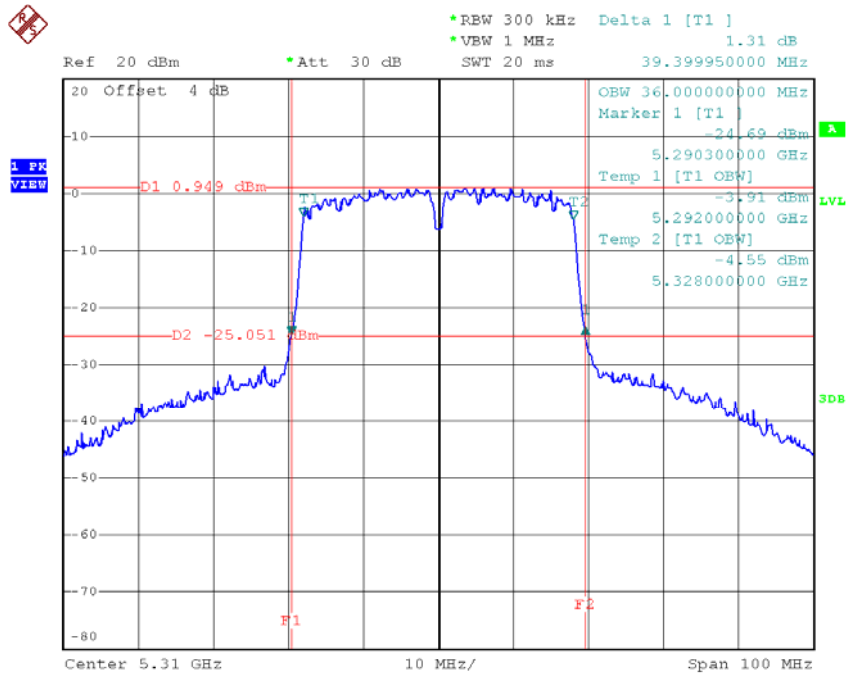
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH54	5270	66.99	36.00
CH62	5310	39.40	36.00

**TX CH54**



Date: 30.DEC.2016 16:07:00

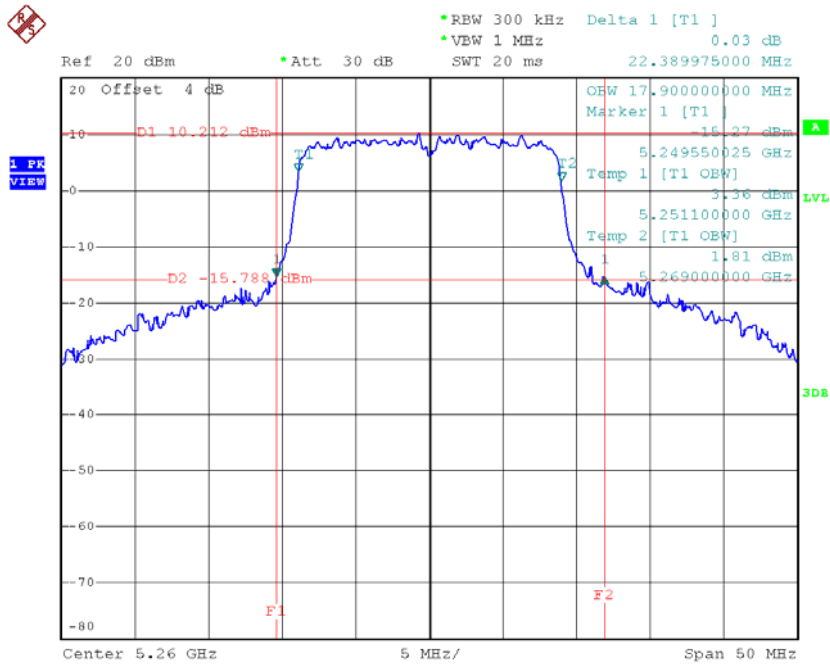
**TX CH62**



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

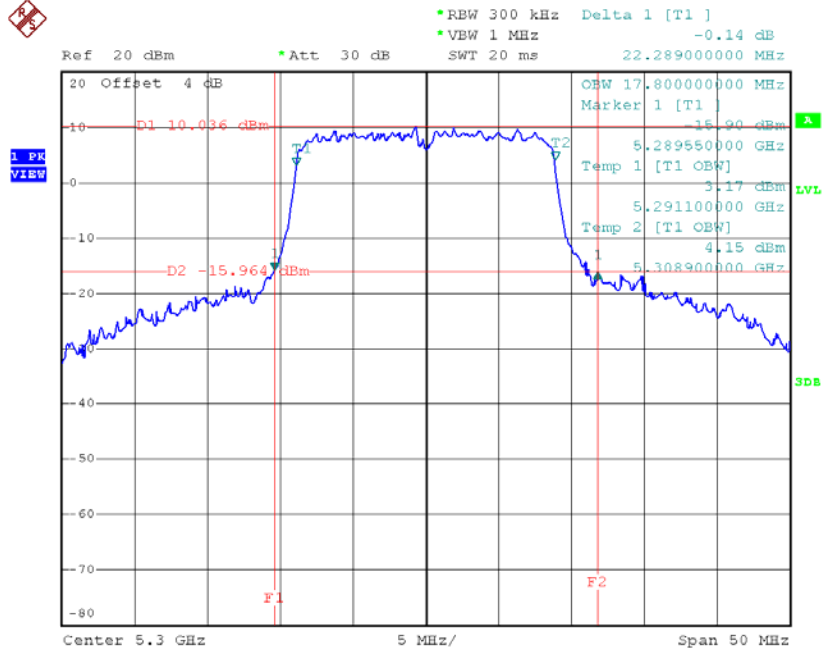
**Test Mode: UNII-2A/TX AC Wave2(20 MHz) Mode\_CH52/CH60/CH64**

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH52	5260	22.39	17.90
CH60	5300	22.29	17.80
CH64	5320	21.45	17.80

**TX CH52**


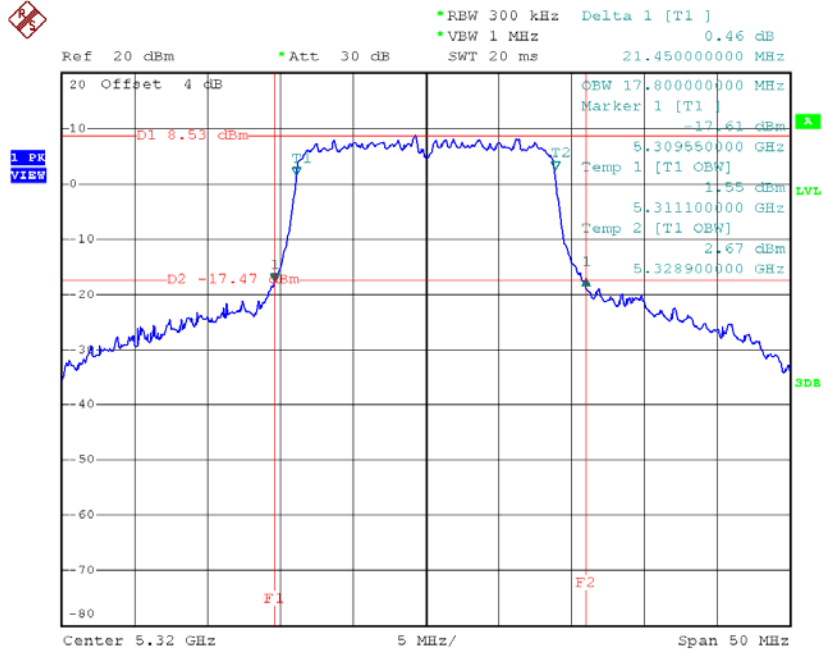
Date: 30.DEC.2016 15:42:07

**TX CH60**



Date: 30.DEC.2016 15:43:57

**TX CH64**

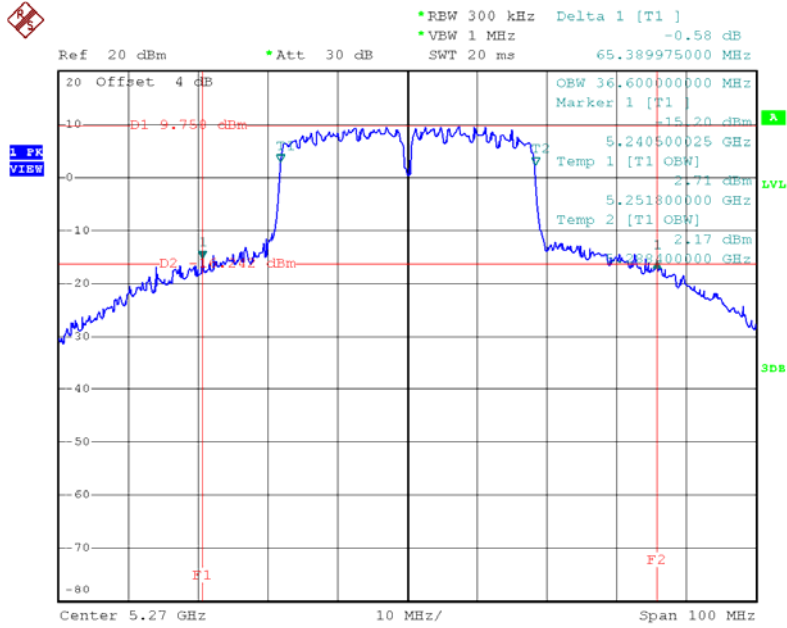


Date: 30.DEC.2016 15:47:13

**Test Mode: UNII-2A/TX AC Wave2(40 MHz) Mode\_CH54/CH62**

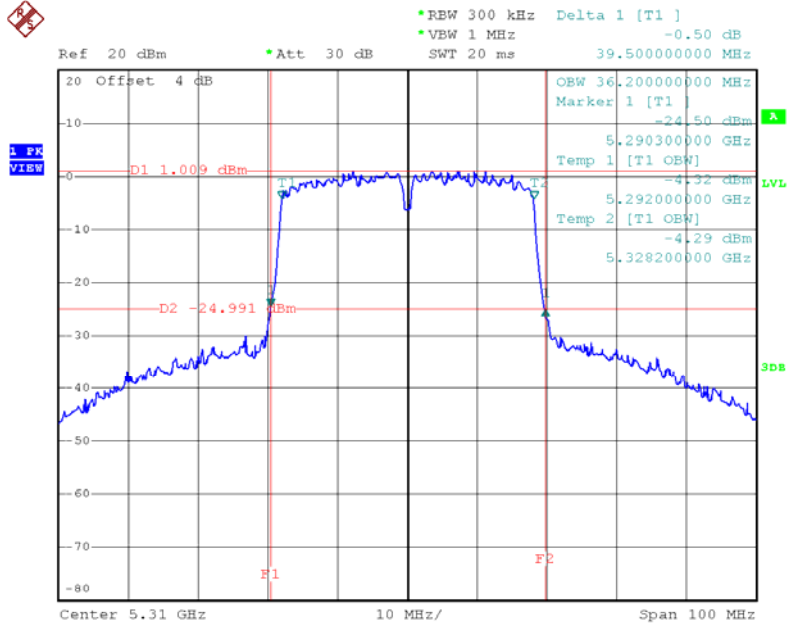
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH54	5270	65.39	36.60
CH62	5310	39.50	36.20

### TX CH54



Date: 30.DEC.2016 16:20:53

### TX CH62



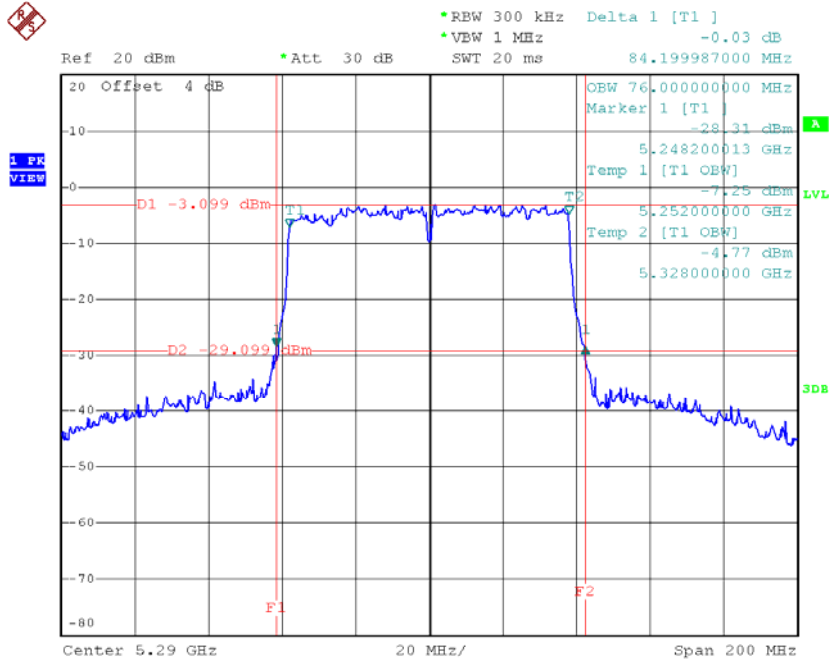
Date: 30.DEC.2016 16:31:27



**Test Mode: UNII-2A/TX AC Wave2(80 MHz) Mode\_CH58**

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH58	5290	84.20	76.00

**TX CH58**

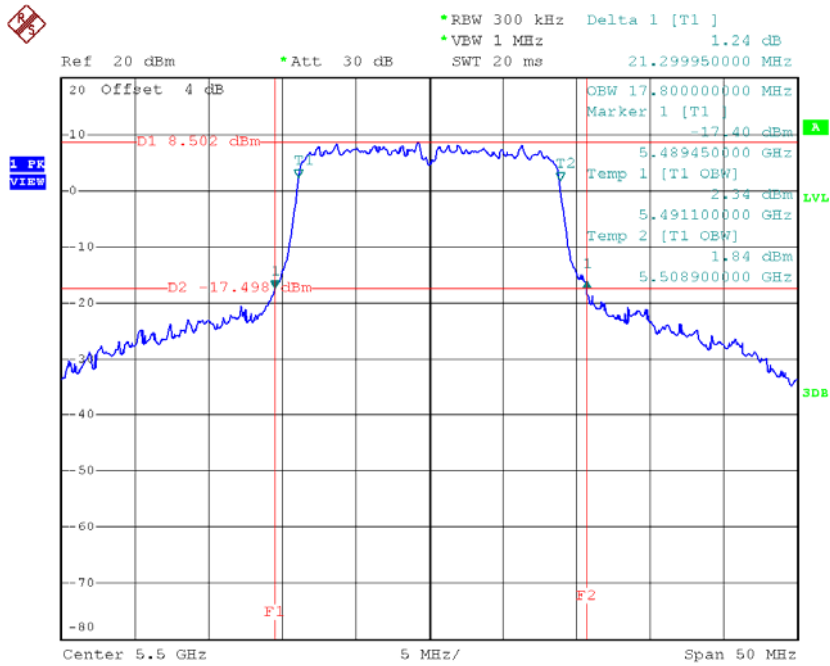


Date: 30.DEC.2016 18:23:21

**Test Mode: UNII-2C/TX N20 Mode\_CH100/CH116/CH140**

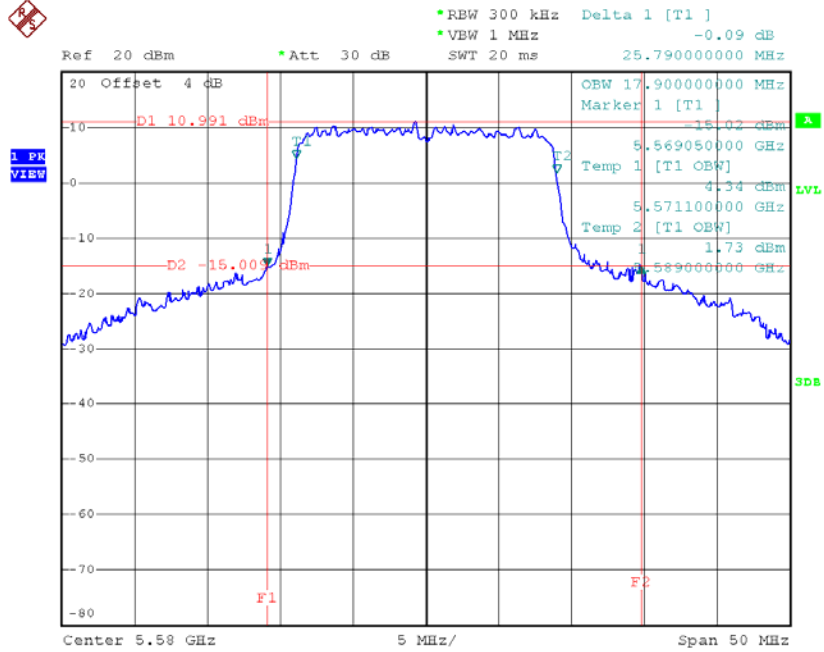
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH100	5500	21.30	17.80
CH116	5580	25.79	17.90
CH140	5700	21.05	17.80

### TX CH100



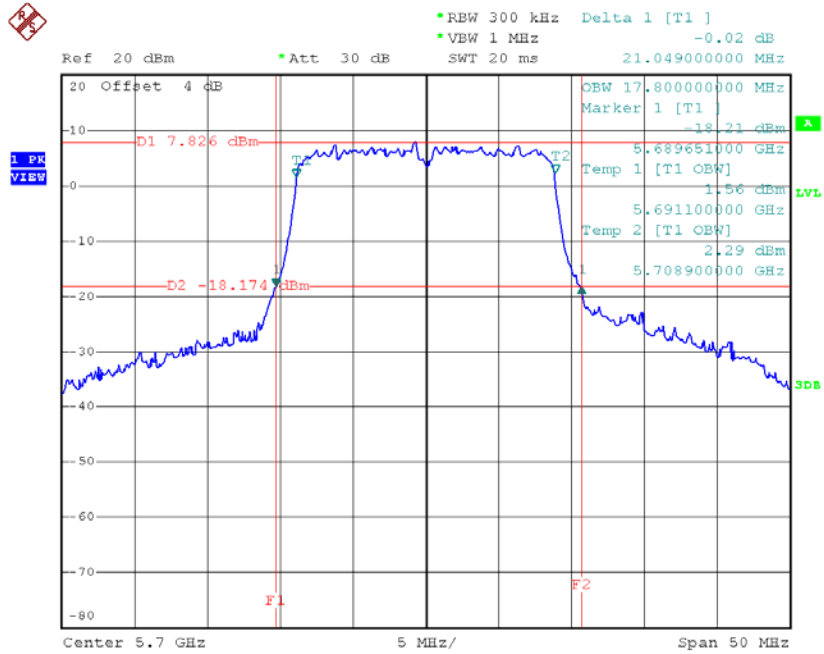
Date: 30.DEC.2016 15:29:25

**TX CH116**



Date: 30.DEC.2016 15:33:03

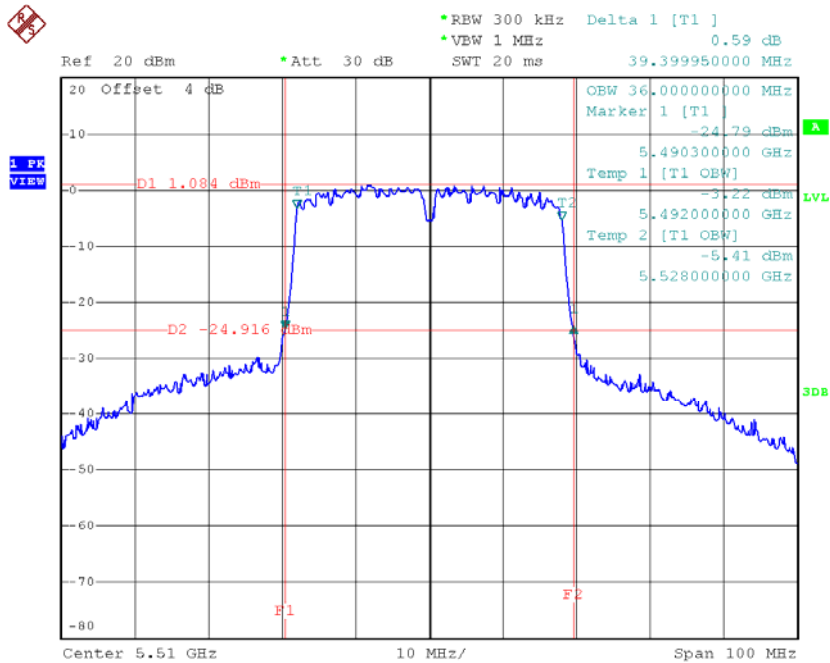
**TX CH140**



Date: 30.DEC.2016 15:34:23

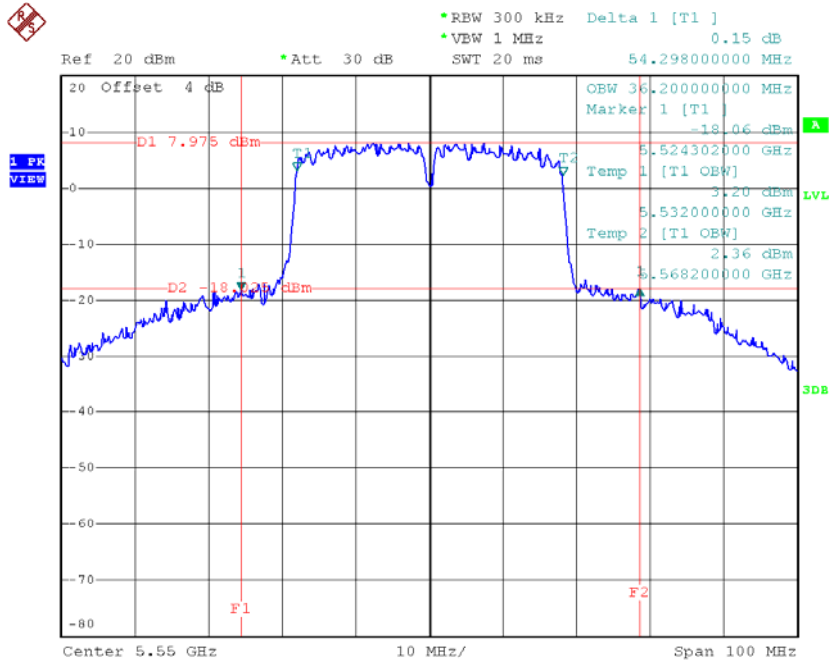
**Test Mode: UNII-2C/TX N40 Mode\_CH102/CH110/CH134**

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH102	5510	39.40	36.00
CH110	5550	54.30	36.20
CH134	5670	41.10	36.20

**TX CH102**


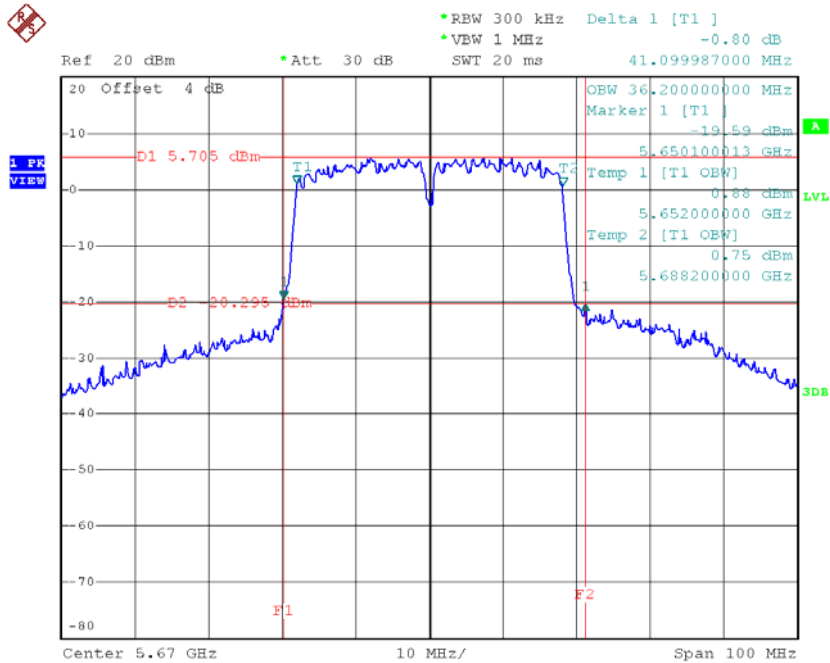
Date: 30.DEC.2016 16:13:55

**TX CH110**



Date: 30.DEC.2016 16:15:15

**TX CH134**

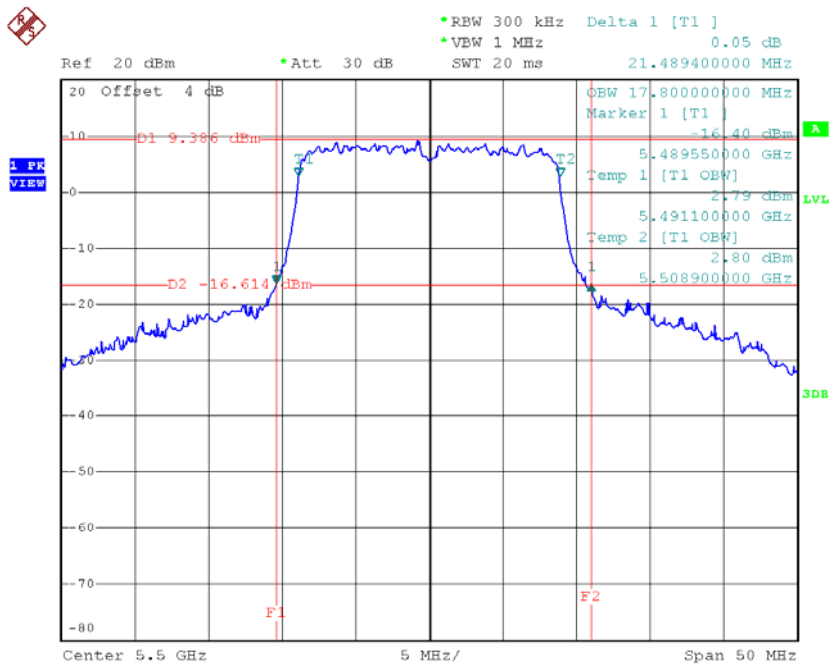


Date: 30.DEC.2016 16:18:28

**Test Mode: UNII-2C/TX AC Wave2(20 MHz) Mode\_CH100/CH116/CH140**

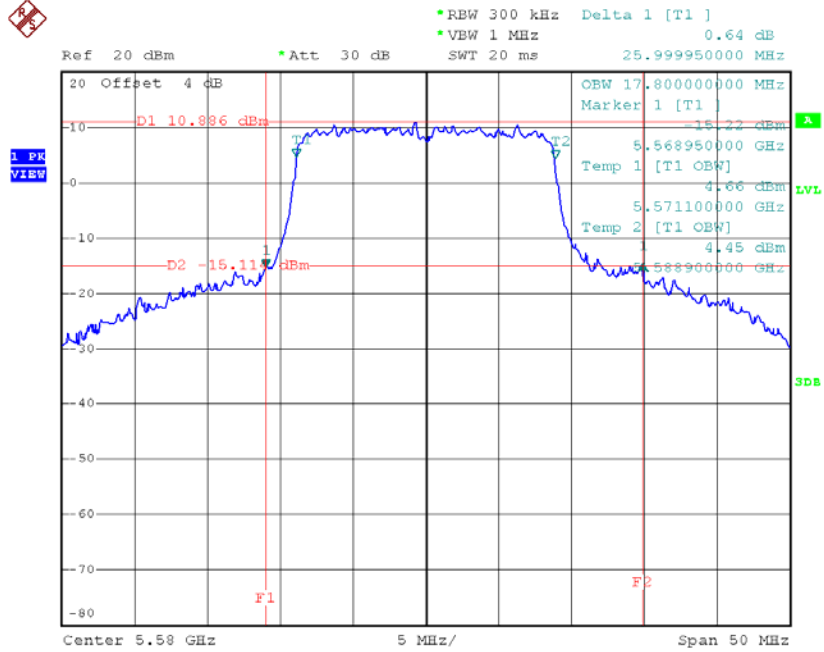
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH100	5500	21.49	17.80
CH116	5580	26.00	17.80
CH140	5700	20.99	17.70

**TX CH100**



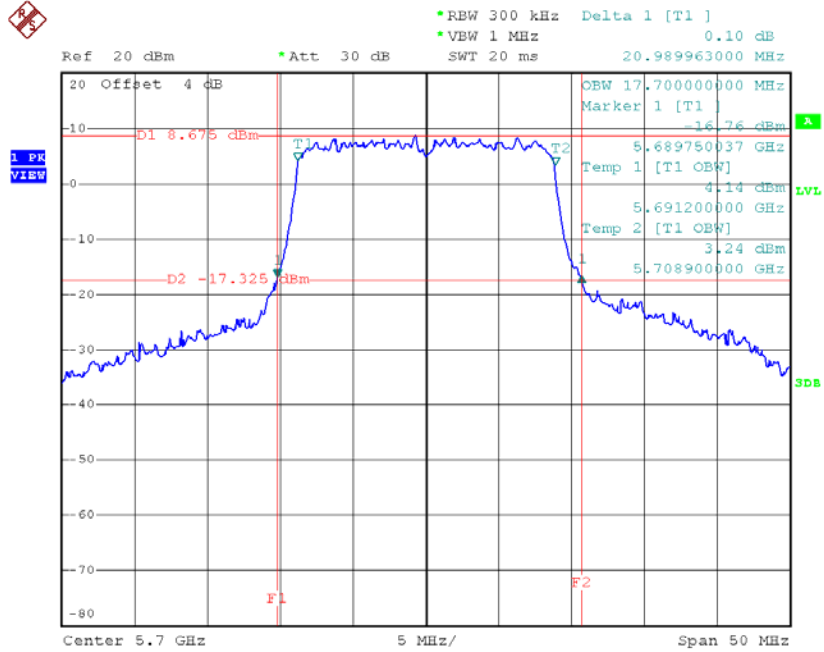
Date: 30.DEC.2016 15:48:15

**TX CH116**



Date: 30.DEC.2016 15:51:07

**TX CH140**

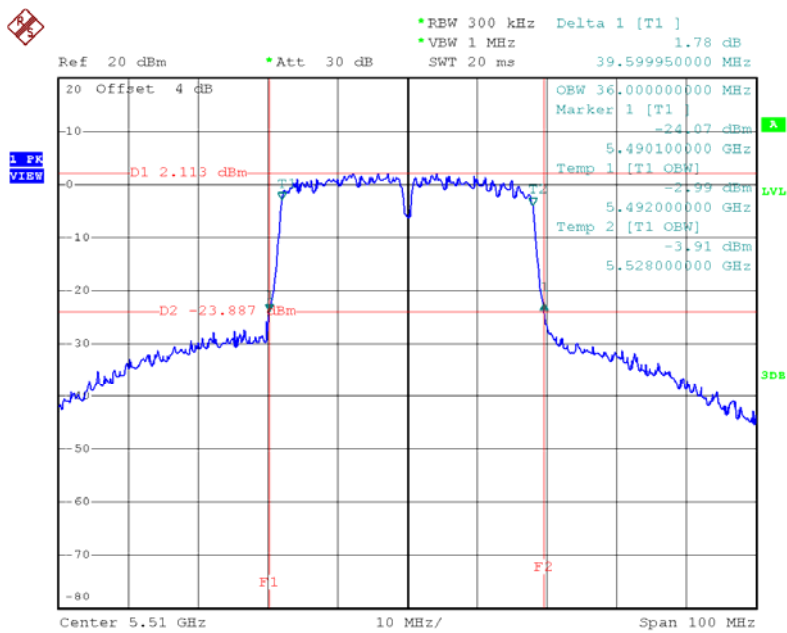


Date: 30.DEC.2016 15:52:29

**Test Mode: UNII-2C/TX AC Wave2(40 MHz) Mode\_CH102/CH110/CH134**

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH102	5510	39.60	36.00
CH110	5550	54.19	36.20
CH134	5670	39.99	36.20

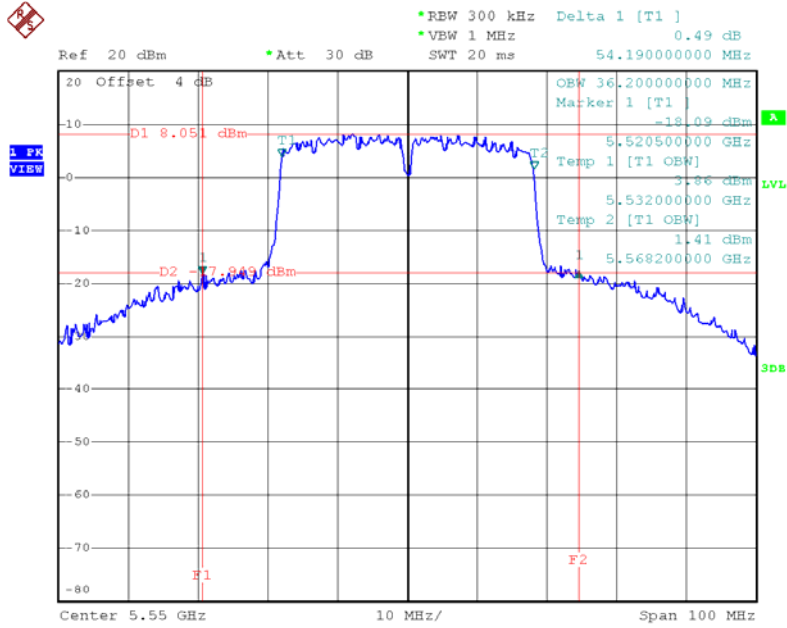
**TX CH102**



Date: 30.DEC.2016 17:33:37

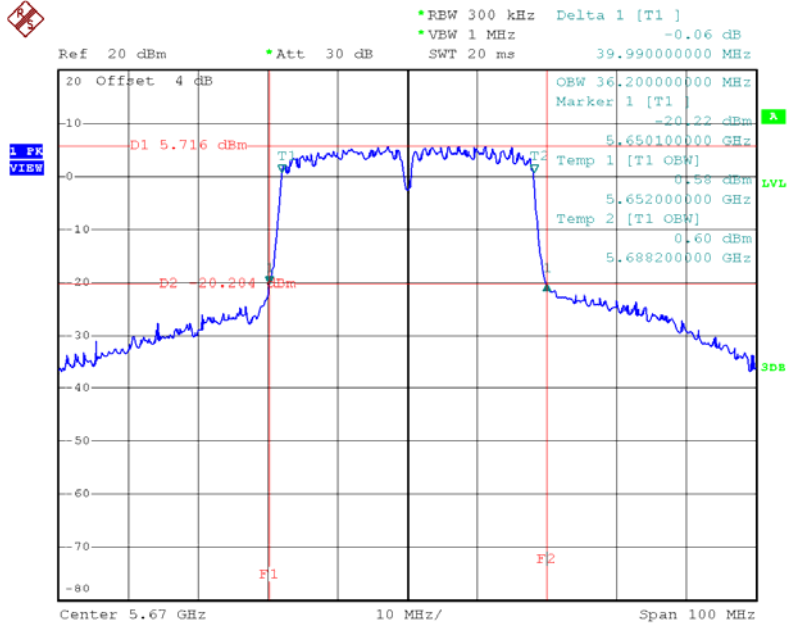


**TX CH110**



Date: 30.DEC.2016 18:12:45

**TX CH134**

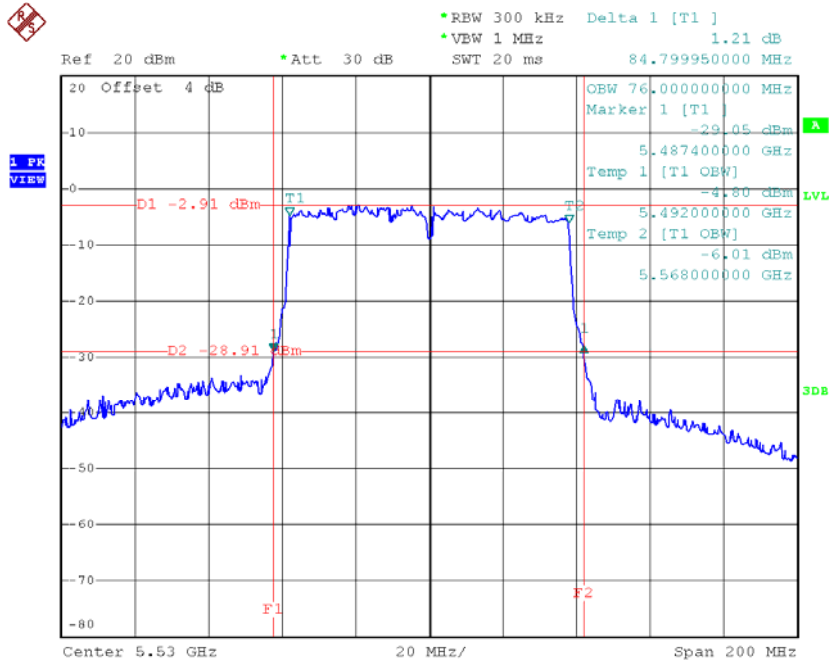


Date: 30.DEC.2016 18:14:37

**Test Mode: UNII-2C/TX AC Wave2(80 MHz) Mode\_CH106/CH122**

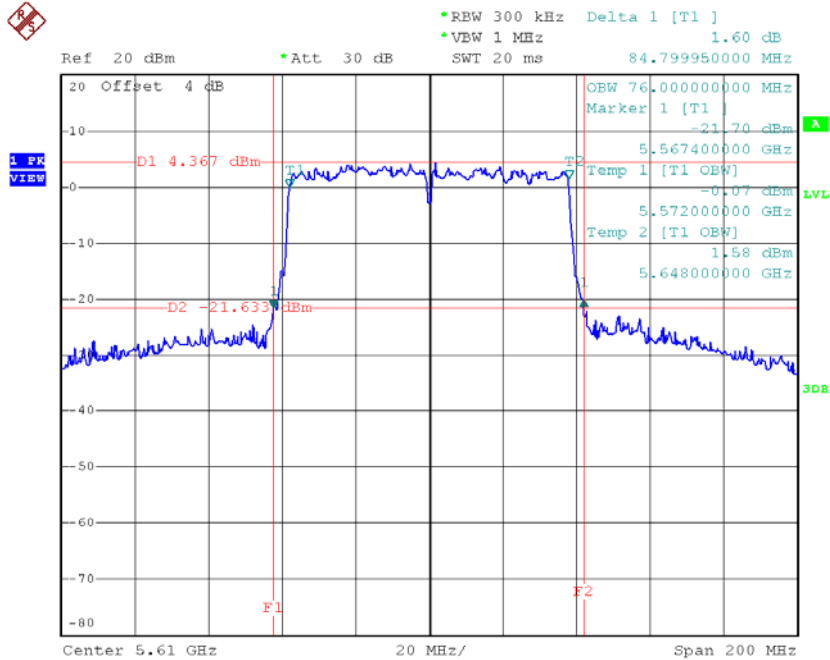
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH106	5530	84.80	76.00
CH122	5610	84.80	76.00

**TX CH106**



Date: 30.DEC.2016 18:26:57

**TX CH122**

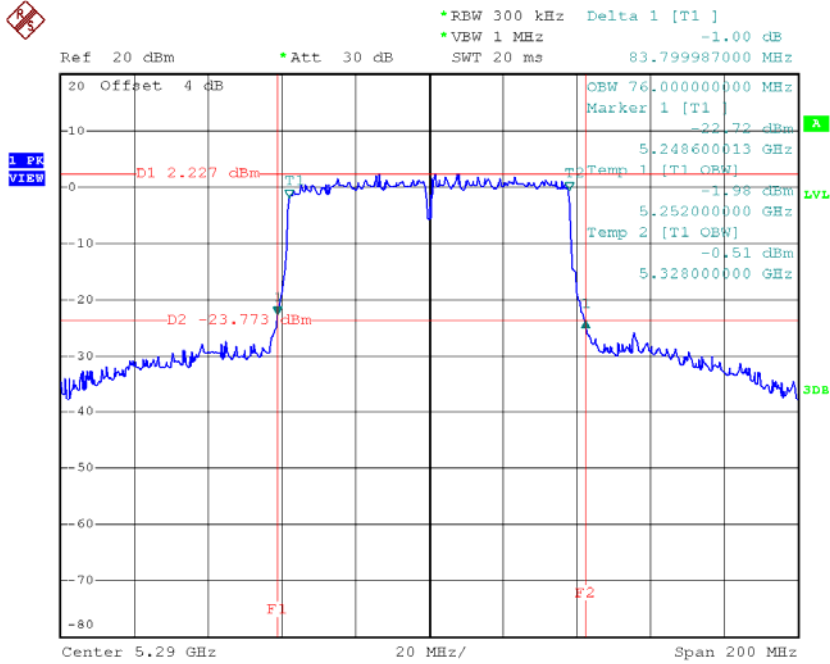


Date: 30.DEC.2016 18:33:27

**Test Mode: TX AC Wave2(160 MHz) Mode / CH58(UNII-2A)+CH122 (UNII-2C)**

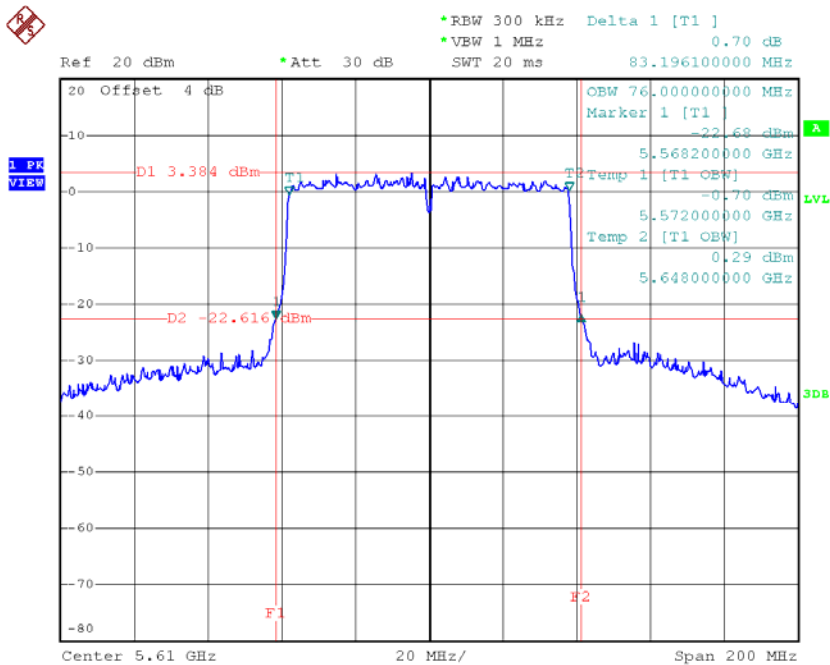
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH58	5290	83.80	76.00
CH122	5610	83.20	76.00

### TX CH58



Date: 4.JAN.2017 13:51:22

### TX CH 122



Date: 4.JAN.2017 13:55:56

## ATTACHMENTF - MAXIMUM OUTPUT POWER

### For 1TX Non-Beamforming

**Test Mode: UNII-2A/TX A Mode**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	18.40	0.14	18.54	24.00	0.25
CH60	5300	18.38	0.14	18.52	24.00	0.25
CH64	5320	18.37	0.14	18.51	24.00	0.25

**Test Mode: UNII-2A/TX N20 Mode**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	18.43	0.06	18.49	24.00	0.25
CH60	5300	18.41	0.06	18.47	24.00	0.25
CH64	5320	17.39	0.06	17.45	24.00	0.25

**Test Mode: UNII-2A/TX N40 Mode**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH54	5270	17.50	0.11	17.61	24.00	0.25
CH62	5310	16.41	0.11	16.52	24.00	0.25

**Test Mode: UNII-2A/TX AC Wave2(20 MHz) Mode**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	18.45	0.06	18.51	24.00	0.25
CH60	5300	18.44	0.06	18.50	24.00	0.25
CH64	5320	18.42	0.06	18.48	24.00	0.25

**Test Mode: UNII-2A/TX AC Wave2(40 MHz) Mode**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH54	5270	17.39	0.11	17.50	24.00	0.25
CH62	5310	16.42	0.11	16.53	24.00	0.25

**Test Mode: UNII-2A/TX AC Wave2(80 MHz) Mode**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH58	5290	15.37	0.22	15.59	24.00	0.25



**Test Mode: UNII-2C/TX A Mode**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	17.36	0.14	17.50	24.00	0.25
CH116	5580	18.37	0.14	18.51	24.00	0.25
CH140	5700	17.28	0.14	17.42	24.00	0.25

**Test Mode: UNII-2C/TX N20 Mode**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	17.40	0.06	17.46	24.00	0.25
CH116	5580	18.34	0.06	18.40	24.00	0.25
CH140	5700	17.36	0.06	17.42	24.00	0.25

**Test Mode: UNII-2C/TX N40 Mode**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH102	5510	16.38	0.11	16.49	24.00	0.25
CH110	5550	17.39	0.11	17.50	24.00	0.25
CH134	5670	16.42	0.11	16.53	24.00	0.25

**Test Mode: UNII-2C/TX AC Wave2(20 MHz) Mode**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	17.41	0.06	17.47	24.00	0.25
CH116	5580	18.39	0.06	18.45	24.00	0.25
CH140	5700	17.40	0.06	17.46	24.00	0.25

**Test Mode: UNII-2C/TX AC Wave2(40 MHz) Mode**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH102	5510	16.40	0.11	16.51	24.00	0.25
CH110	5550	17.41	0.11	17.52	24.00	0.25
CH134	5670	16.50	0.11	16.61	24.00	0.25

**Test Mode: UNII-2C/TX AC Wave2(80 MHz) Mode**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH106	5530	15.38	0.22	15.60	24.00	0.25
CH122	5610	15.40	0.22	15.62	24.00	0.25

**Test Mode: TX AC Wave2(160 MHz) Mode / CH58( UNII-2A )+CH122 ( UNII-2C)**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH58	5290	14.39	0.13	14.52	24.00	0.25
CH122	5610	15.43	0.13	15.56	24.00	0.25

### For 2TX Non-Beamforming

**Test Mode: UNII-2A/TX A Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	18.39	0.14	18.53	24.00	0.25
CH60	5300	18.37	0.14	18.51	24.00	0.25
CH64	5320	18.40	0.14	18.54	24.00	0.25

**Test Mode: UNII-2A/TX A Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	18.42	0.14	18.56	24.00	0.25
CH60	5300	18.40	0.14	18.54	24.00	0.25
CH64	5320	18.39	0.14	18.53	24.00	0.25

**Test Mode: UNII-2A/TX A Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	21.56	24.00	0.25
CH60	5300	21.54	24.00	0.25
CH64	5320	21.55	24.00	0.25

**Test Mode: UNII-2A/TX N20 Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	18.35	0.06	18.41	24.00	0.25
CH60	5300	18.37	0.06	18.43	24.00	0.25
CH64	5320	17.36	0.06	17.42	24.00	0.25

**Test Mode: UNII-2A/TX N20 Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	18.34	0.06	18.40	24.00	0.25
CH60	5300	18.35	0.06	18.41	24.00	0.25
CH64	5320	17.32	0.06	17.38	24.00	0.25

**Test Mode: UNII-2A/TX N20 Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	21.42	24.00	0.25
CH60	5300	21.43	24.00	0.25
CH64	5320	20.41	24.00	0.25

**Test Mode: UNII-2A/TX N40 Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH54	5270	17.52	0.11	17.63	24.00	0.25
CH62	5310	14.42	0.11	14.53	24.00	0.25

**Test Mode: UNII-2A/TX N40 Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH54	5270	17.52	0.11	17.63	24.00	0.25
CH62	5310	14.40	0.11	14.51	24.00	0.25

**Test Mode: UNII-2A/TX N40 Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH54	5270	20.64	24.00	0.25
CH62	5310	17.53	24.00	0.25

**Test Mode: UNII-2A/TX AC Wave2(20 MHz) Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	18.42	0.06	18.48	24.00	0.25
CH60	5300	18.40	0.06	18.46	24.00	0.25
CH64	5320	17.41	0.06	17.47	24.00	0.25

**Test Mode: UNII-2A/TX AC Wave2(20 MHz) Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	18.44	0.06	18.50	24.00	0.25
CH60	5300	18.42	0.06	18.48	24.00	0.25
CH64	5320	17.38	0.06	17.44	24.00	0.25

**Test Mode: UNII-2A/TX AC Wave2(20 MHz) Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	21.50	24.00	0.25
CH60	5300	21.48	24.00	0.25
CH64	5320	20.47	24.00	0.25

**Test Mode: UNII-2A/TX AC Wave2(40 MHz) Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH54	5270	17.50	0.11	17.61	24.00	0.25
CH62	5310	14.43	0.11	14.54	24.00	0.25

**Test Mode: UNII-2A/TX AC Wave2(40 MHz) Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH54	5270	17.44	0.11	17.55	24.00	0.25
CH62	5310	14.42	0.11	14.53	24.00	0.25

**Test Mode: UNII-2A/TX AC Wave2(40 MHz) Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH54	5270	20.59	24.00	0.25
CH62	5310	17.55	24.00	0.25



**Test Mode: UNII-2A/TX AC Wave2(80 MHz) Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH58	5290	13.45	0.22	13.67	24.00	0.25

**Test Mode: UNII-2A/TX AC Wave2(80 MHz) Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH58	5290	13.36	0.22	13.58	24.00	0.25

**Test Mode: UNII-2A/TX AC Wave2(80 MHz) Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH58	5290	16.64	24.00	0.25

**Test Mode: UNII-2C/TX A Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	18.40	0.14	18.54	24.00	0.25
CH116	5580	18.41	0.14	18.55	24.00	0.25
CH140	5700	17.38	0.14	17.52	24.00	0.25

**Test Mode: UNII-2C/TX A Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	17.42	0.14	17.56	24.00	0.25
CH116	5580	18.43	0.14	18.57	24.00	0.25
CH140	5700	16.35	0.14	16.49	24.00	0.25

**Test Mode: UNII-2C/TX A Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	21.09	24.00	0.25
CH116	5580	21.57	24.00	0.25
CH140	5700	20.05	24.00	0.25

**Test Mode: UNII-2C/TX N20 Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	17.34	0.06	17.40	24.00	0.25
CH116	5580	18.40	0.06	18.46	24.00	0.25
CH140	5700	16.33	0.06	16.39	24.00	0.25

**Test Mode: UNII-2C/TX N20 Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	17.40	0.06	17.46	24.00	0.25
CH116	5580	18.36	0.06	18.42	24.00	0.25
CH140	5700	16.34	0.06	16.40	24.00	0.25

**Test Mode: UNII-2C/TX N20 Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	20.44	24.00	0.25
CH116	5580	21.45	24.00	0.25
CH140	5700	19.41	24.00	0.25

**Test Mode: UNII-2C/TX N40 Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH102	5510	14.40	0.11	14.51	24.00	0.25
CH110	5550	17.38	0.11	17.49	24.00	0.25
CH134	5670	15.37	0.11	15.48	24.00	0.25

**Test Mode: UNII-2C/TX N40 Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH102	5510	14.42	0.11	14.53	24.00	0.25
CH110	5550	17.39	0.11	17.50	24.00	0.25
CH134	5670	15.40	0.11	15.51	24.00	0.25

**Test Mode: UNII-2C/TX N40 Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH102	5510	17.53	24.00	0.25
CH110	5550	20.51	24.00	0.25
CH134	5670	18.51	24.00	0.25

**Test Mode: UNII-2C/TX AC Wave2(20 MHz) Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	16.38	0.06	16.44	24.00	0.25
CH116	5580	18.39	0.06	18.45	24.00	0.25
CH140	5700	16.40	0.06	16.46	24.00	0.25

**Test Mode: UNII-2C/TX AC Wave2(20 MHz) Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	16.41	0.06	16.47	24.00	0.25
CH116	5580	18.39	0.06	18.45	24.00	0.25
CH140	5700	16.40	0.06	16.46	24.00	0.25

**Test Mode: UNII-2C/TX AC Wave2(20 MHz) Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	19.47	24.00	0.25
CH116	5580	21.46	24.00	0.25
CH140	5700	19.47	24.00	0.25

**Test Mode: UNII-2C/TX AC Wave2(40 MHz) Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH102	5510	14.38	0.11	14.49	24.00	0.25
CH110	5550	17.40	0.11	17.51	24.00	0.25
CH134	5670	15.42	0.11	15.53	24.00	0.25

**Test Mode: UNII-2C/TX AC Wave2(40 MHz) Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH102	5510	14.39	0.11	14.50	24.00	0.25
CH110	5550	17.51	0.11	17.62	24.00	0.25
CH134	5670	15.40	0.11	15.51	24.00	0.25

**Test Mode: UNII-2C/TX AC Wave2(40 MHz) Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH102	5510	17.51	24.00	0.25
CH110	5550	20.58	24.00	0.25
CH134	5670	18.53	24.00	0.25

**Test Mode: UNII-2C/TX AC Wave2(80 MHz) Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH106	5530	13.39	0.22	13.61	24.00	0.25
CH122	5610	13.44	0.22	13.66	24.00	0.25

**Test Mode: UNII-2C/TX AC Wave2(80 MHz) Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH106	5530	13.41	0.22	13.63	24.00	0.25
CH122	5610	13.42	0.22	13.64	24.00	0.25

**Test Mode: UNII-2C/TX AC Wave2(80 MHz) Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH106	5530	16.63	24.00	0.25
CH122	5610	16.66	24.00	0.25

**Test Mode: TX AC Wave2(160 MHz) Mode / CH58( UNII-2A )+CH122 ( UNII-2C)\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH58	5290	13.28	0.13	13.41	24.00	0.25
CH122	5610	13.35	0.13	13.48	24.00	0.25

**Test Mode: TX AC Wave2(160 MHz) Mode / CH58( UNII-2A )+CH122 ( UNII-2C)\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH58	5290	13.41	0.13	13.54	24.00	0.25
CH122	5610	13.26	0.13	13.39	24.00	0.25

**Test Mode: TX AC Wave2(160 MHz) Mode / CH58( UNII-2A )+CH122 ( UNII-2C)\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH58	5290	16.49	24.00	0.25
CH122	5610	16.45	24.00	0.25



### For 3TX Non-Beamforming

**Test Mode: UNII-2A/TX A Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	18.38	0.14	18.52	24.00	0.25
CH60	5300	18.36	0.14	18.50	24.00	0.25
CH64	5320	17.41	0.14	17.55	24.00	0.25

**Test Mode: UNII-2A/TX A Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	18.41	0.14	18.55	24.00	0.25
CH60	5300	18.40	0.14	18.54	24.00	0.25
CH64	5320	17.41	0.14	17.55	24.00	0.25

**Test Mode: UNII-2A/TX A Mode\_ANT 3**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	18.42	0.14	18.56	24.00	0.25
CH60	5300	18.40	0.14	18.54	24.00	0.25
CH64	5320	17.41	0.14	17.55	24.00	0.25

**Test Mode: UNII-2A/TX A Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	23.31	24.00	0.25
CH60	5300	23.30	24.00	0.25
CH64	5320	22.32	24.00	0.25

**Test Mode: UNII-2A/TX N20 Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	18.37	0.06	18.43	24.00	0.25
CH60	5300	18.31	0.06	18.37	24.00	0.25
CH64	5320	16.34	0.06	16.40	24.00	0.25

**Test Mode: UNII-2A/TX N20 Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	18.33	0.06	18.39	24.00	0.25
CH60	5300	18.35	0.06	18.41	24.00	0.25
CH64	5320	16.22	0.06	16.28	24.00	0.25

**Test Mode: UNII-2A/TX N20 Mode\_ANT 3**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	18.43	0.06	18.49	24.00	0.25
CH60	5300	18.40	0.06	18.46	24.00	0.25
CH64	5320	16.35	0.06	16.41	24.00	0.25

**Test Mode: UNII-2A/TX N20 Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	23.21	24.00	0.25
CH60	5300	23.18	24.00	0.25
CH64	5320	21.13	24.00	0.25

**Test Mode: UNII-2A/TX N40 Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH54	5270	17.40	0.11	17.51	24.00	0.25
CH62	5310	13.38	0.11	13.49	24.00	0.25

**Test Mode: UNII-2A/TX N40 Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH54	5270	17.42	0.11	17.53	24.00	0.25
CH62	5310	13.38	0.11	13.49	24.00	0.25

**Test Mode: UNII-2A/TX N40 Mode\_ANT 3**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH54	5270	17.40	0.11	17.51	24.00	0.25
CH62	5310	13.38	0.11	13.49	24.00	0.25

**Test Mode: UNII-2A/TX N40 Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH54	5270	22.29	24.00	0.25
CH62	5310	18.26	24.00	0.25

**Test Mode: UNII-2A/TX AC Wave2(20 MHz) Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	18.40	0.06	18.46	24.00	0.25
CH60	5300	18.42	0.06	18.48	24.00	0.25
CH64	5320	16.38	0.06	16.44	24.00	0.25

**Test Mode: UNII-2A/TX AC Wave2(20 MHz) Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	18.42	0.06	18.48	24.00	0.25
CH60	5300	18.40	0.06	18.46	24.00	0.25
CH64	5320	16.38	0.06	16.44	24.00	0.25

**Test Mode: UNII-2A/TX AC Wave2(20 MHz) Mode\_ANT 3**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	18.51	0.06	18.57	24.00	0.25
CH60	5300	18.43	0.06	18.49	24.00	0.25
CH64	5320	16.39	0.06	16.45	24.00	0.25

**Test Mode: UNII-2A/TX AC Wave2(20 MHz) Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	23.27	24.00	0.25
CH60	5300	23.25	24.00	0.25
CH64	5320	21.21	24.00	0.25

**Test Mode: UNII-2A/TX AC Wave2(40 MHz) Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH54	5270	17.41	0.11	17.52	24.00	0.25
CH62	5310	13.39	0.11	13.50	24.00	0.25

**Test Mode: UNII-2A/TX AC Wave2(40 MHz) Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH54	5270	17.43	0.11	17.54	24.00	0.25
CH62	5310	13.41	0.11	13.52	24.00	0.25

**Test Mode: UNII-2A/TX AC Wave2(40 MHz) Mode\_ANT 3**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH54	5270	17.43	0.11	17.54	24.00	0.25
CH62	5310	13.36	0.11	13.47	24.00	0.25

**Test Mode: UNII-2A/TX AC Wave2(40 MHz) Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH54	5270	22.30	24.00	0.25
CH62	5310	18.27	24.00	0.25



**Test Mode: UNII-2A/TX AC Wave2(80 MHz) Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH58	5290	12.40	0.22	12.62	24.00	0.25

**Test Mode: UNII-2A/TX AC Wave2(80 MHz) Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH58	5290	12.41	0.22	12.63	24.00	0.25

**Test Mode: UNII-2A/TX AC Wave2(80 MHz) Mode\_ANT 3**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH58	5290	12.38	0.22	12.60	24.00	0.25

**Test Mode: UNII-2A/TX AC Wave2(80 MHz) Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH58	5290	17.39	24.00	0.25

**Test Mode: UNII-2C/TX A Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	17.37	0.14	17.51	24.00	0.25
CH116	5580	18.38	0.14	18.52	24.00	0.25
CH140	5700	14.51	0.14	14.65	24.00	0.25

**Test Mode: UNII-2C/TX A Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	17.38	0.14	17.52	24.00	0.25
CH116	5580	18.39	0.14	18.53	24.00	0.25
CH140	5700	14.40	0.14	14.54	24.00	0.25

**Test Mode: UNII-2C/TX A Mode\_ANT 3**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	17.40	0.14	17.54	24.00	0.25
CH116	5580	18.36	0.14	18.50	24.00	0.25
CH140	5700	14.38	0.14	14.52	24.00	0.25

**Test Mode: UNII-2C/TX A Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	22.29	24.00	0.25
CH116	5580	23.29	24.00	0.25
CH140	5700	19.34	24.00	0.25

**Test Mode: UNII-2C/TX N20 Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	16.32	0.06	16.38	24.00	0.25
CH116	5580	18.37	0.06	18.43	24.00	0.25
CH140	5700	14.36	0.06	14.42	24.00	0.25

**Test Mode: UNII-2C/TX N20 Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	16.29	0.06	16.35	24.00	0.25
CH116	5580	18.31	0.06	18.37	24.00	0.25
CH140	5700	14.33	0.06	14.39	24.00	0.25

**Test Mode: UNII-2C/TX N20 Mode\_ANT 3**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	16.32	0.06	16.38	24.00	0.25
CH116	5580	18.34	0.06	18.40	24.00	0.25
CH140	5700	14.32	0.06	14.38	24.00	0.25

**Test Mode: UNII-2C/TX N20 Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	21.14	24.00	0.25
CH116	5580	23.17	24.00	0.25
CH140	5700	19.17	24.00	0.25

**Test Mode: UNII-2C/TX N40 Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH102	5510	13.40	0.11	13.51	24.00	0.25
CH110	5550	17.37	0.11	17.48	24.00	0.25
CH134	5670	13.40	0.11	13.51	24.00	0.25

**Test Mode: UNII-2C/TX N40 Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH102	5510	13.40	0.11	13.51	24.00	0.25
CH110	5550	17.41	0.11	17.52	24.00	0.25
CH134	5670	13.37	0.11	13.48	24.00	0.25

**Test Mode: UNII-2C/TX N40 Mode\_ANT 3**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH102	5510	13.41	0.11	13.52	24.00	0.25
CH110	5550	17.50	0.11	17.61	24.00	0.25
CH134	5670	13.46	0.11	13.57	24.00	0.25

**Test Mode: UNII-2C/TX N40 Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH102	5510	18.28	24.00	0.25
CH110	5550	22.31	24.00	0.25
CH134	5670	18.29	24.00	0.25

**Test Mode: UNII-2C/TX AC Wave2(20 MHz) Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	16.40	0.06	16.46	24.00	0.25
CH116	5580	18.41	0.06	18.47	24.00	0.25
CH140	5700	14.39	0.06	14.45	24.00	0.25

**Test Mode: UNII-2C/TX AC Wave2(20 MHz) Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	16.39	0.06	16.45	24.00	0.25
CH116	5580	18.40	0.06	18.46	24.00	0.25
CH140	5700	14.36	0.06	14.42	24.00	0.25

**Test Mode: UNII-2C/TX AC Wave2(20 MHz) Mode\_ANT 3**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	16.38	0.06	16.44	24.00	0.25
CH116	5580	18.40	0.06	18.46	24.00	0.25
CH140	5700	14.42	0.06	14.48	24.00	0.25

**Test Mode: UNII-2C/TX AC Wave2(20 MHz) Mode\_Total**



Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	21.22	24.00	0.25
CH116	5580	23.23	24.00	0.25
CH140	5700	19.22	24.00	0.25

**Test Mode: UNII-2C/TX AC Wave2(40 MHz) Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH102	5510	13.38	0.11	13.49	24.00	0.25
CH110	5550	17.40	0.11	17.51	24.00	0.25
CH134	5670	13.41	0.11	13.52	24.00	0.25

**Test Mode: UNII-2C/TX AC Wave2(40 MHz) Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH102	5510	13.40	0.11	13.51	24.00	0.25
CH110	5550	17.39	0.11	17.50	24.00	0.25
CH134	5670	13.41	0.11	13.52	24.00	0.25

**Test Mode: UNII-2C/TX AC Wave2(40 MHz) Mode\_ANT 3**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH102	5510	13.39	0.11	13.50	24.00	0.25
CH110	5550	17.40	0.11	17.51	24.00	0.25
CH134	5670	13.37	0.11	13.48	24.00	0.25

**Test Mode: UNII-2C/TX AC Wave2(40 MHz) Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH102	5510	18.27	24.00	0.25
CH110	5550	22.28	24.00	0.25
CH134	5670	18.28	24.00	0.25

**Test Mode: UNII-2C/TX AC Wave2(80 MHz) Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH106	5530	12.38	0.22	12.60	24.00	0.25
CH122	5610	12.36	0.22	12.58	24.00	0.25

**Test Mode: UNII-2C/TX AC Wave2(80 MHz) Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH106	5530	12.38	0.22	12.60	24.00	0.25
CH122	5610	12.43	0.22	12.65	24.00	0.25

**Test Mode: UNII-2C/TX AC Wave2(80 MHz) Mode\_ANT 3**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH106	5530	12.40	0.22	12.62	24.00	0.25
CH122	5610	12.42	0.22	12.64	24.00	0.25

**Test Mode: UNII-2C/TX AC Wave2(80 MHz) Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH106	5530	17.38	24.00	0.25
CH122	5610	17.39	24.00	0.25

### For 4TX Non-Beamforming

**Test Mode: UNII-2A/TX A Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	17.41	0.14	17.55	24.00	0.25
CH60	5300	15.35	0.14	15.49	24.00	0.25
CH64	5320	15.26	0.14	15.40	24.00	0.25

**Test Mode: UNII-2A/TX A Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	17.36	0.14	17.50	24.00	0.25
CH60	5300	15.42	0.14	15.56	24.00	0.25
CH64	5320	15.27	0.14	15.41	24.00	0.25

**Test Mode: UNII-2A/TX A Mode\_ANT 3**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	17.36	0.14	17.50	24.00	0.25
CH60	5300	15.24	0.14	15.38	24.00	0.25
CH64	5320	15.31	0.14	15.45	24.00	0.25

**Test Mode: UNII-2A/TX A Mode\_ANT 4**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	17.45	0.14	17.59	24.00	0.25
CH60	5300	15.39	0.14	15.53	24.00	0.25
CH64	5320	15.40	0.14	15.54	24.00	0.25

**Test Mode: UNII-2A/TX A Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	23.56	24.00	0.25
CH60	5300	21.52	24.00	0.25
CH64	5320	21.48	24.00	0.25

**Test Mode: UNII-2A/TX N20 Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	17.22	0.06	17.28	24.00	0.25
CH60	5300	15.30	0.06	15.36	24.00	0.25
CH64	5320	15.37	0.06	15.43	24.00	0.25

**Test Mode: UNII-2A/TX N20 Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	17.31	0.06	17.37	24.00	0.25
CH60	5300	15.26	0.06	15.32	24.00	0.25
CH64	5320	15.34	0.06	15.40	24.00	0.25

**Test Mode: UNII-2A/TX N20 Mode\_ANT 3**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	17.40	0.06	17.46	24.00	0.25
CH60	5300	15.26	0.06	15.32	24.00	0.25
CH64	5320	15.42	0.06	15.48	24.00	0.25

**Test Mode: UNII-2A/TX N20 Mode\_ANT 4**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	17.36	0.06	17.42	24.00	0.25
CH60	5300	15.40	0.06	15.46	24.00	0.25
CH64	5320	15.43	0.06	15.43	24.00	0.25

**Test Mode: UNII-2A/TX N20 Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	23.40	24.00	0.25
CH60	5300	21.39	24.00	0.25
CH64	5320	21.46	24.00	0.25



**Test Mode: UNII-2A/TX N40 Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH54	5270	17.40	0.14	17.51	24.00	0.25
CH62	5310	12.35	0.14	12.46	24.00	0.25

**Test Mode: UNII-2A/TX N40 Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH54	5270	17.29	0.14	17.40	24.00	0.25
CH62	5310	12.40	0.14	12.51	24.00	0.25

**Test Mode: UNII-2A/TX N40 Mode\_ANT 3**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH54	5270	17.31	0.14	17.42	24.00	0.25
CH62	5310	12.22	0.14	12.33	24.00	0.25

**Test Mode: UNII-2A/TX N40 Mode\_ANT 4**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH54	5270	17.42	0.14	17.53	24.00	0.25
CH62	5310	12.36	0.14	12.47	24.00	0.25

**Test Mode: UNII-2A/TX N40 Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH54	5270	23.48	24.00	0.25
CH62	5310	18.46	24.00	0.25

**Test Mode: UNII-2A/TX AC Wave2(20 MHz) Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	17.25	0.06	17.31	24.00	0.25
CH60	5300	14.36	0.06	14.42	24.00	0.25
CH64	5320	14.42	0.06	14.48	24.00	0.25

**Test Mode: UNII-2A/TX AC Wave2(20 MHz) Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	17.40	0.06	17.46	24.00	0.25
CH60	5300	14.42	0.06	14.48	24.00	0.25
CH64	5320	14.36	0.06	14.42	24.00	0.25

**Test Mode: UNII-2A/TX AC Wave2(20 MHz) Mode\_ANT 3**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	17.42	0.06	17.48	24.00	0.25
CH60	5300	14.35	0.06	14.41	24.00	0.25
CH64	5320	14.30	0.06	14.36	24.00	0.25

**Test Mode: UNII-2A/TX AC Wave2(20 MHz) Mode\_ANT 4**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	17.22	0.06	17.28	24.00	0.25
CH60	5300	14.31	0.06	14.37	24.00	0.25
CH64	5320	14.26	0.06	14.32	24.00	0.25

**Test Mode: UNII-2A/TX AC Wave2(20 MHz) Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	23.40	24.00	0.25
CH60	5300	20.44	24.00	0.25
CH64	5320	20.42	24.00	0.25

**Test Mode: UNII-2A/TX AC Wave2(40 MHz) Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH54	5270	17.41	0.14	17.52	24.00	0.25
CH62	5310	12.36	0.14	12.47	24.00	0.25

**Test Mode: UNII-2A/TX AC Wave2(40 MHz) Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH54	5270	17.38	0.14	17.49	24.00	0.25
CH62	5310	12.22	0.14	12.33	24.00	0.25

**Test Mode: UNII-2A/TX AC Wave2(40 MHz) Mode\_ANT 3**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH54	5270	17.27	0.14	17.38	24.00	0.25
CH62	5310	12.34	0.14	12.45	24.00	0.25

**Test Mode: UNII-2A/TX AC Wave2(40 MHz) Mode\_ANT 4**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH54	5270	17.36	0.14	17.47	24.00	0.25
CH62	5310	12.19	0.14	12.30	24.00	0.25

**Test Mode: UNII-2A/TX AC Wave2(40 MHz) Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH54	5270	22.23	24.00	0.25
CH62	5310	17.18	24.00	0.25

**Test Mode: UNII-2A/TX AC Wave2(80 MHz) Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH58	5290	11.26	0.22	11.48	24.00	0.25

**Test Mode: UNII-2A/TX AC Wave2(80 MHz) Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH58	5290	11.41	0.22	11.63	24.00	0.25

**Test Mode: UNII-2A/TX AC Wave2(80 MHz) Mode\_ANT 3**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH58	5290	11.40	0.22	11.62	24.00	0.25

**Test Mode: UNII-2A/TX AC Wave2(80 MHz) Mode\_ANT 4**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH58	5290	11.35	0.22	11.57	24.00	0.25

**Test Mode: UNII-2A/TX AC Wave2(80 MHz) Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH58	5290	17.60	24.00	0.25



**Test Mode: UNII-2C/TX A Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	17.40	0.14	17.54	24.00	0.25
CH116	5580	17.22	0.14	17.36	24.00	0.25
CH140	5700	13.24	0.14	13.38	24.00	0.25

**Test Mode: UNII-2C/TX A Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	17.35	0.14	17.49	24.00	0.25
CH116	5580	17.24	0.14	17.38	24.00	0.25
CH140	5700	13.29	0.14	13.43	24.00	0.25

**Test Mode: UNII-2C/TX A Mode\_ANT 3**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	17.39	0.14	17.53	24.00	0.25
CH116	5580	17.40	0.14	17.54	24.00	0.25
CH140	5700	13.42	0.14	13.56	24.00	0.25

**Test Mode: UNII-2C/TX A Mode\_ANT 4**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	17.28	0.14	17.42	24.00	0.25
CH116	5580	17.34	0.14	17.48	24.00	0.25
CH140	5700	13.38	0.14	13.52	24.00	0.25

**Test Mode: UNII-2C/TX A Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	23.52	24.00	0.25
CH116	5580	23.47	24.00	0.25
CH140	5700	19.50	24.00	0.25

**Test Mode: UNII-2C/TX N20 Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	17.21	0.06	17.27	24.00	0.25
CH116	5580	17.37	0.06	17.43	24.00	0.25
CH140	5700	13.28	0.06	13.34	24.00	0.25

**Test Mode: UNII-2C/TX N20 Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	17.28	0.06	17.34	24.00	0.25
CH116	5580	17.40	0.06	17.46	24.00	0.25
CH140	5700	13.35	0.06	13.41	24.00	0.25

**Test Mode: UNII-2C/TX N20 Mode\_ANT 3**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	17.38	0.06	17.44	24.00	0.25
CH116	5580	17.43	0.06	17.49	24.00	0.25
CH140	5700	13.24	0.06	13.30	24.00	0.25

**Test Mode: UNII-2C/TX N20 Mode\_ANT 4**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	17.44	0.06	17.50	24.00	0.25
CH116	5580	17.38	0.06	17.44	24.00	0.25
CH140	5700	13.40	0.06	13.46	24.00	0.25

**Test Mode: UNII-2C/TX N20 Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	23.41	24.00	0.25
CH116	5580	23.48	24.00	0.25
CH140	5700	19.40	24.00	0.25

**Test Mode: UNII-2C/TX N40 Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH102	5510	12.28	0.14	12.39	24.00	0.25
CH110	5550	17.37	0.14	17.48	24.00	0.25
CH134	5670	12.30	0.14	12.41	24.00	0.25

**Test Mode: UNII-2C/TX N40 Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH102	5510	12.37	0.14	12.48	24.00	0.25
CH110	5550	17.42	0.14	17.53	24.00	0.25
CH134	5670	12.35	0.14	12.46	24.00	0.25

**Test Mode: UNII-2C/TX N40 Mode\_ANT 3**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH102	5510	12.35	0.14	12.46	24.00	0.25
CH110	5550	17.40	0.14	17.51	24.00	0.25
CH134	5670	12.28	0.14	12.39	24.00	0.25

**Test Mode: UNII-2C/TX N40 Mode\_ANT 4**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH102	5510	12.40	0.14	12.51	24.00	0.25
CH110	5550	17.35	0.14	17.46	24.00	0.25
CH134	5670	12.39	0.14	12.50	24.00	0.25

**Test Mode: UNII-2C/TX N40 Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH102	5510	18.48	24.00	0.25
CH110	5550	23.51	24.00	0.25
CH134	5670	18.46	24.00	0.25

**Test Mode: UNII-2C/TX AC Wave2(20 MHz) Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	14.35	0.06	14.41	24.00	0.25
CH116	5580	17.33	0.06	17.39	24.00	0.25
CH140	5700	13.28	0.06	13.34	24.00	0.25

**Test Mode: UNII-2C/TX AC Wave2(20 MHz) Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	14.23	0.06	14.29	24.00	0.25
CH116	5580	17.41	0.06	17.47	24.00	0.25
CH140	5700	13.30	0.06	13.36	24.00	0.25

**Test Mode: UNII-2C/TX AC Wave2(20 MHz) Mode\_ANT 3**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	14.47	0.06	14.53	24.00	0.25
CH116	5580	17.34	0.06	17.40	24.00	0.25
CH140	5700	13.46	0.06	13.52	24.00	0.25

**Test Mode: UNII-2C/TX AC Wave2(20 MHz) Mode\_ANT 4**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	14.36	0.06	14.42	24.00	0.25
CH116	5580	17.35	0.06	17.41	24.00	0.25
CH140	5700	13.24	0.06	13.30	24.00	0.25

**Test Mode: UNII-2C/TX AC Wave2(20 MHz) Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	20.43	24.00	0.25
CH116	5580	23.44	24.00	0.25
CH140	5700	19.40	24.00	0.25



**Test Mode: UNII-2C/TX AC Wave2(40 MHz) Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH102	5510	12.25	0.14	12.36	24.00	0.25
CH110	5550	17.40	0.14	17.54	24.00	0.25
CH134	5670	12.24	0.14	12.35	24.00	0.25

**Test Mode: UNII-2C/TX AC Wave2(40 MHz) Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH102	5510	12.31	0.14	12.42	24.00	0.25
CH110	5550	17.32	0.14	17.46	24.00	0.25
CH134	5670	12.33	0.14	12.44	24.00	0.25

**Test Mode: UNII-2C/TX AC Wave2(40 MHz) Mode\_ANT 3**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH102	5510	12.29	0.14	12.40	24.00	0.25
CH110	5550	17.37	0.14	17.51	24.00	0.25
CH134	5670	13.24	0.14	13.35	24.00	0.25

**Test Mode: UNII-2C/TX AC Wave2(40 MHz) Mode\_ANT 4**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH102	5510	12.25	0.14	12.36	24.00	0.25
CH110	5550	17.42	0.14	17.56	24.00	0.25
CH134	5670	12.43	0.14	12.54	24.00	0.25

**Test Mode: UNII-2C/TX AC Wave2(40 MHz) Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH102	5510	17.16	24.00	0.25
CH110	5550	23.54	24.00	0.25
CH134	5670	17.50	24.00	0.25

**Test Mode: UNII-2C/TX AC Wave2(80 MHz) Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH106	5530	11.35	0.22	11.57	24.00	0.25
CH122	5610	11.28	0.22	11.50	24.00	0.25

**Test Mode: UNII-2C/TX AC Wave2(80 MHz) Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH106	5530	11.25	0.22	11.47	24.00	0.25
CH122	5610	11.36	0.22	11.58	24.00	0.25

**Test Mode: UNII-2C/TX AC Wave2(80 MHz) Mode\_ANT 3**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH106	5530	11.28	0.22	11.50	24.00	0.25
CH122	5610	11.47	0.22	11.69	24.00	0.25

**Test Mode: UNII-2C/TX AC Wave2(80 MHz) Mode\_ANT 4**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH106	5530	11.24	0.22	11.46	24.00	0.25
CH122	5610	11.20	0.22	11.42	24.00	0.25

**Test Mode: UNII-2C/TX AC Wave2(80 MHz) Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH106	5530	17.52	24.00	0.25
CH122	5610	17.57	24.00	0.25

### For 2TX Beamforming

**Test Mode: UNII-2A/TX N20 Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	15.44	0.06	15.50	22.18	0.17
CH60	5300	15.41	0.06	15.47	22.18	0.17
CH64	5320	14.45	0.06	14.51	22.18	0.17

**Test Mode: UNII-2A/TX N20 Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	15.44	0.06	15.50	22.18	0.17
CH60	5300	15.42	0.06	15.48	22.18	0.17
CH64	5320	14.40	0.06	14.46	22.18	0.17

**Test Mode: UNII-2A/TX N20 Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	18.51	22.18	0.17
CH60	5300	18.49	22.18	0.17
CH64	5320	17.50	22.18	0.17

**Test Mode: UNII-2A/TX N40 Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH54	5270	15.39	0.11	15.50	22.18	0.17
CH62	5310	11.45	0.11	11.56	22.18	0.17

**Test Mode: UNII-2A/TX N40 Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH54	5270	15.43	0.11	15.54	22.18	0.17
CH62	5310	11.40	0.11	11.51	22.18	0.17

**Test Mode: UNII-2A/TX N40 Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH54	5270	18.53	22.18	0.17
CH62	5310	14.55	22.18	0.17

**Test Mode: UNII-2A/TX AC Wave2(20 MHz) Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	15.46	0.06	15.52	22.18	0.17
CH60	5300	15.39	0.06	15.45	22.18	0.17
CH64	5320	14.51	0.06	14.57	22.18	0.17

**Test Mode: UNII-2A/TX AC Wave2(20 MHz) Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	15.46	0.06	15.52	22.18	0.17
CH60	5300	15.37	0.06	15.43	22.18	0.17
CH64	5320	14.46	0.06	14.52	22.18	0.17

**Test Mode: UNII-2A/TX AC Wave2(20 MHz) Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	18.53	22.18	0.17
CH60	5300	18.45	22.18	0.17
CH64	5320	17.56	22.18	0.17

**Test Mode: UNII-2A/TX AC Wave2(40 MHz) Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH54	5270	15.42	0.11	15.53	22.18	0.17
CH62	5310	11.38	0.11	11.49	22.18	0.17

**Test Mode: UNII-2A/TX AC Wave2(40 MHz) Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH54	5270	15.40	0.11	15.51	22.18	0.17
CH62	5310	11.41	0.11	11.52	22.18	0.17

**Test Mode: UNII-2A/TX AC Wave2(40 MHz) Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH54	5270	18.53	22.18	0.17
CH62	5310	14.52	22.18	0.17



**Test Mode: UNII-2A/TX AC Wave2(80 MHz) Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH58	5290	10.44	0.22	10.66	22.18	0.17

**Test Mode: UNII-2A/TX AC Wave2(80 MHz) Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH58	5290	10.38	0.22	10.60	22.18	0.17

**Test Mode: UNII-2A/TX AC Wave2(80 MHz) Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH58	5290	13.64	22.18	0.17

**Test Mode: UNII-2C/TX N20 Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	14.40	0.06	14.46	22.18	0.17
CH116	5580	15.48	0.06	15.54	22.18	0.17
CH140	5700	13.53	0.06	13.59	22.18	0.17

**Test Mode: UNII-2C/TX N20 Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	14.39	0.06	14.45	22.18	0.17
CH116	5580	15.47	0.06	15.53	22.18	0.17
CH140	5700	13.50	0.06	13.56	22.18	0.17

**Test Mode: UNII-2C/TX N20 Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	17.47	22.18	0.17
CH116	5580	18.55	22.18	0.17
CH140	5700	16.59	22.18	0.17

**Test Mode: UNII-2C/TX N40 Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH102	5510	11.43	0.11	11.54	22.18	0.17
CH110	5550	15.44	0.11	15.55	22.18	0.17
CH134	5670	12.41	0.11	12.52	22.18	0.17

**Test Mode: UNII-2C/TX N40 Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH102	5510	11.42	0.11	11.53	22.18	0.17
CH110	5550	15.39	0.11	15.50	22.18	0.17
CH134	5670	12.44	0.11	12.55	22.18	0.17

**Test Mode: UNII-2C/TX N40 Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH102	5510	14.55	22.18	0.17
CH110	5550	18.54	22.18	0.17
CH134	5670	15.55	22.18	0.17

**Test Mode: UNII-2C/TX AC Wave2(20 MHz) Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	13.41	0.06	13.47	22.18	0.17
CH116	5580	15.40	0.06	15.46	22.18	0.17
CH140	5700	13.39	0.06	13.45	22.18	0.17

**Test Mode: UNII-2C/TX AC Wave2(20 MHz) Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	13.38	0.06	13.44	22.18	0.17
CH116	5580	15.41	0.06	15.47	22.18	0.17
CH140	5700	13.50	0.06	13.56	22.18	0.17

**Test Mode: UNII-2C/TX AC Wave2(20 MHz) Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	16.47	22.18	0.17
CH116	5580	18.48	22.18	0.17
CH140	5700	16.52	22.18	0.17

**Test Mode: UNII-2C/TX AC Wave2(40 MHz) Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH102	5510	11.40	0.11	11.51	22.18	0.17
CH110	5550	15.38	0.11	15.49	22.18	0.17
CH134	5670	12.43	0.11	12.54	22.18	0.17

**Test Mode: UNII-2C/TX AC Wave2(40 MHz) Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH102	5510	11.39	0.11	11.50	22.18	0.17
CH110	5550	15.44	0.11	15.55	22.18	0.17
CH134	5670	12.40	0.11	12.51	22.18	0.17

**Test Mode: UNII-2C/TX AC Wave2(40 MHz) Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH102	5510	14.52	22.18	0.17
CH110	5550	18.53	22.18	0.17
CH134	5670	15.54	22.18	0.17

**Test Mode: UNII-2C/TX AC Wave2(80 MHz) Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH106	5530	10.42	0.22	10.64	22.18	0.17
CH122	5610	10.41	0.22	10.63	22.18	0.17

**Test Mode: UNII-2C/TX AC Wave2(80 MHz) Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH106	5530	10.40	0.22	10.62	22.18	0.17
CH122	5610	10.39	0.22	10.61	22.18	0.17

**Test Mode: UNII-2C/TX AC Wave2(80 MHz) Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH106	5530	13.64	22.18	0.17
CH122	5610	13.63	22.18	0.17

**Test Mode: TX AC Wave2(160 MHz) Mode / CH58( UNII-2A )+CH122 ( UNII-2C)\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH58	5290	10.23	0.13	10.36	22.18	0.17
CH122	5610	10.34	0.13	10.47	22.18	0.17

**Test Mode: TX AC Wave2(160 MHz) Mode / CH58( UNII-2A )+CH122 ( UNII-2C)\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH58	5290	10.26	0.13	10.39	22.18	0.17
CH122	5610	10.38	0.13	10.51	22.18	0.17

**Test Mode: TX AC Wave2(160 MHz) Mode / CH58( UNII-2A )+CH122 ( UNII-2C)\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH58	5290	13.39	22.18	0.17
CH122	5610	13.51	22.18	0.17

### For 3TX Beamforming

#### Test Mode: UNII-2A/TX N20 Mode\_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	13.43	0.06	13.49	20.41	0.11
CH60	5300	13.52	0.06	13.58	20.41	0.11
CH64	5320	11.40	0.06	11.46	20.41	0.11

#### Test Mode: UNII-2A/TX N20 Mode\_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	13.42	0.06	13.48	20.41	0.11
CH60	5300	13.45	0.06	13.51	20.41	0.11
CH64	5320	11.38	0.06	11.44	20.41	0.11

#### Test Mode: UNII-2A/TX N20 Mode\_ANT 3

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	13.47	0.06	13.53	20.41	0.11
CH60	5300	13.52	0.06	13.58	20.41	0.11
CH64	5320	11.46	0.06	11.52	20.41	0.11

#### Test Mode: UNII-2A/TX N20 Mode\_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	18.27	20.41	0.11
CH60	5300	18.33	20.41	0.11
CH64	5320	16.24	20.41	0.11



**Test Mode: UNII-2A/TX N40 Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH54	5270	13.45	0.11	13.56	20.41	0.11
CH62	5310	8.46	0.11	8.57	20.41	0.11

**Test Mode: UNII-2A/TX N40 Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH54	5270	13.39	0.11	13.50	20.41	0.11
CH62	5310	8.46	0.11	8.57	20.41	0.11

**Test Mode: UNII-2A/TX N40 Mode\_ANT 3**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH54	5270	13.41	0.11	13.52	20.41	0.11
CH62	5310	8.39	0.11	8.50	20.41	0.11

**Test Mode: UNII-2A/TX N40 Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH54	5270	18.30	20.41	0.11
CH62	5310	13.32	20.41	0.11

**Test Mode: UNII-2A/TX AC Wave2(20 MHz) Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	13.41	0.06	13.47	20.41	0.11
CH60	5300	13.43	0.06	13.49	20.41	0.11
CH64	5320	11.52	0.06	11.58	20.41	0.11

**Test Mode: UNII-2A/TX AC Wave2(20 MHz) Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	13.44	0.06	13.50	20.41	0.11
CH60	5300	13.49	0.06	13.55	20.41	0.11
CH64	5320	11.41	0.06	11.47	20.41	0.11

**Test Mode: UNII-2A/TX AC Wave2(20 MHz) Mode\_ANT 3**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	13.45	0.06	13.51	20.41	0.11
CH60	5300	13.38	0.06	13.44	20.41	0.11
CH64	5320	11.40	0.06	11.46	20.41	0.11

**Test Mode: UNII-2A/TX AC Wave2(20 MHz) Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	18.26	20.41	0.11
CH60	5300	18.26	20.41	0.11
CH64	5320	16.27	20.41	0.11

**Test Mode: UNII-2A/TX AC Wave2(40 MHz) Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH54	5270	13.41	0.11	13.52	20.41	0.11
CH62	5310	8.37	0.11	8.48	20.41	0.11

**Test Mode: UNII-2A/TX AC Wave2(40 MHz) Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH54	5270	13.41	0.11	13.52	20.41	0.11
CH62	5310	8.42	0.11	8.53	20.41	0.11

**Test Mode: UNII-2A/TX AC Wave2(40 MHz) Mode\_ANT 3**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH54	5270	13.42	0.11	13.53	20.41	0.11
CH62	5310	8.43	0.11	8.54	20.41	0.11

**Test Mode: UNII-2A/TX AC Wave2(40 MHz) Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH54	5270	18.29	20.41	0.11
CH62	5310	13.29	20.41	0.11

**Test Mode: UNII-2A/TX AC Wave2(80 MHz) Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH58	5290	7.43	0.22	7.65	20.41	0.11

**Test Mode: UNII-2A/TX AC Wave2(80 MHz) Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH58	5290	7.49	0.22	7.71	20.41	0.11

**Test Mode: UNII-2A/TX AC Wave2(80 MHz) Mode\_ANT 3**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH58	5290	7.38	0.22	7.60	20.41	0.11

**Test Mode: UNII-2A/TX AC Wave2(80 MHz) Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH58	5290	12.42	20.41	0.11

**Test Mode: UNII-2C/TX N20 Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	11.47	0.06	11.53	20.41	0.11
CH116	5580	13.50	0.06	13.56	20.41	0.11
CH140	5700	9.52	0.06	9.58	20.41	0.11

**Test Mode: UNII-2C/TX N20 Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	11.40	0.06	11.46	20.41	0.11
CH116	5580	9.47	0.06	9.53	20.41	0.11
CH140	5700	9.56	0.06	9.62	20.41	0.11

**Test Mode: UNII-2C/TX N20 Mode\_ANT 3**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	11.50	0.06	11.56	20.41	0.11
CH116	5580	13.51	0.06	13.57	20.41	0.11
CH140	5700	9.42	0.06	9.48	20.41	0.11

**Test Mode: UNII-2C/TX N20 Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	16.29	20.41	0.11
CH116	5580	17.36	20.41	0.11
CH140	5700	14.33	20.41	0.11

**Test Mode: UNII-2C/TX N40 Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH102	5510	8.44	0.11	8.55	20.41	0.11
CH110	5550	13.40	0.11	13.51	20.41	0.11
CH134	5670	8.42	0.11	8.53	20.41	0.11

**Test Mode: UNII-2C/TX N40 Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH102	5510	8.40	0.11	8.51	20.41	0.11
CH110	5550	13.45	0.11	13.56	20.41	0.11
CH134	5670	12.90	0.11	13.01	20.41	0.11

**Test Mode: UNII-2C/TX N40 Mode\_ANT 3**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH102	5510	8.47	0.11	8.58	20.41	0.11
CH110	5550	13.40	0.11	13.51	20.41	0.11
CH134	5670	8.41	0.11	8.52	20.41	0.11

**Test Mode: UNII-2C/TX N40 Mode\_Total**



Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH102	5510	13.32	20.41	0.11
CH110	5550	18.30	20.41	0.11
CH134	5670	15.35	20.41	0.11

**Test Mode: UNII-2C/TX AC Wave2(20 MHz) Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	11.40	0.06	11.46	20.41	0.11
CH116	5580	13.46	0.06	13.52	20.41	0.11
CH140	5700	9.55	0.06	9.61	20.41	0.11

**Test Mode: UNII-2C/TX AC Wave2(20 MHz) Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	11.50	0.06	11.56	20.41	0.11
CH116	5580	13.37	0.06	13.43	20.41	0.11
CH140	5700	9.43	0.06	9.49	20.41	0.11

**Test Mode: UNII-2C/TX AC Wave2(20 MHz) Mode\_ANT 3**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	11.38	0.06	11.44	20.41	0.11
CH116	5580	13.46	0.06	13.52	20.41	0.11
CH140	5700	9.50	0.06	9.56	20.41	0.11

**Test Mode: UNII-2C/TX AC Wave2(20 MHz) Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	16.26	20.41	0.11
CH116	5580	18.26	20.41	0.11
CH140	5700	14.32	20.41	0.11

**Test Mode: UNII-2C/TX AC Wave2(40 MHz) Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH102	5510	8.41	0.11	8.52	20.41	0.11
CH110	5550	13.50	0.11	13.61	20.41	0.11
CH134	5670	8.46	0.11	8.57	20.41	0.11

**Test Mode: UNII-2C/TX AC Wave2(40 MHz) Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH102	5510	8.39	0.11	8.50	20.41	0.11
CH110	5550	13.44	0.11	13.55	20.41	0.11
CH134	5670	8.40	0.11	8.51	20.41	0.11

**Test Mode: UNII-2C/TX AC Wave2(40 MHz) Mode\_ANT 3**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH102	5510	8.40	0.11	8.51	20.41	0.11
CH110	5550	13.52	0.11	13.63	20.41	0.11
CH134	5670	8.40	0.11	8.51	20.41	0.11

**Test Mode: UNII-2C/TX AC Wave2(40 MHz) Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH102	5510	13.28	20.41	0.11
CH110	5550	18.37	20.41	0.11
CH134	5670	13.30	20.41	0.11

**Test Mode: UNII-2C/TX AC Wave2(80 MHz) Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH106	5530	7.44	0.22	7.66	20.41	0.11
CH122	5610	7.42	0.22	7.64	20.41	0.11

**Test Mode: UNII-2C/TX AC Wave2(80 MHz) Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH106	5530	7.51	0.22	7.73	20.41	0.11
CH122	5610	7.50	0.22	7.72	20.41	0.11

**Test Mode: UNII-2C/TX AC Wave2(80 MHz) Mode\_ANT 3**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH106	5530	7.40	0.22	7.62	20.41	0.11
CH122	5610	7.43	0.22	7.65	20.41	0.11

**Test Mode: UNII-2C/TX AC Wave2(80 MHz) Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH106	5530	12.44	20.41	0.11
CH122	5610	12.44	20.41	0.11

### For 4TX Beamforming

**Test Mode: UNII-2A/TX N20 Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	11.38	0.06	11.44	19.18	0.08
CH60	5300	9.41	0.06	9.47	19.18	0.08
CH64	5320	9.36	0.06	9.42	19.18	0.08

**Test Mode: UNII-2A/TX N20 Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	11.29	0.06	11.35	19.18	0.08
CH60	5300	9.30	0.06	9.36	19.18	0.08
CH64	5320	9.25	0.06	9.31	19.18	0.08

**Test Mode: UNII-2A/TX N20 Mode\_ANT 3**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	11.24	0.06	11.30	19.18	0.08
CH60	5300	9.40	0.06	9.46	19.18	0.08
CH64	5320	9.36	0.06	9.42	19.18	0.08

**Test Mode: UNII-2A/TX N20 Mode\_ANT 4**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	11.32	0.06	11.38	19.18	0.08
CH60	5300	9.41	0.06	9.47	19.18	0.08
CH64	5320	9.38	0.06	9.38	19.18	0.08

**Test Mode: UNII-2A/TX N20 Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	17.39	19.18	0.08
CH60	5300	15.46	19.18	0.08
CH64	5320	15.40	19.18	0.08



**Test Mode: UNII-2A/TX N40 Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH54	5270	11.40	0.11	11.51	19.18	0.08
CH62	5310	6.38	0.11	6.49	19.18	0.08

**Test Mode: UNII-2A/TX N40 Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH54	5270	11.38	0.11	11.49	19.18	0.08
CH62	5310	6.42	0.11	6.53	19.18	0.08

**Test Mode: UNII-2A/TX N40 Mode\_ANT 3**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH54	5270	11.43	0.11	11.54	19.18	0.08
CH62	5310	6.51	0.11	6.62	19.18	0.08

**Test Mode: UNII-2A/TX N40 Mode\_ANT 4**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH54	5270	11.36	0.11	11.47	19.18	0.08
CH62	5310	6.44	0.11	6.55	19.18	0.08

**Test Mode: UNII-2A/TX N40 Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH54	5270	17.52	19.18	0.08
CH62	5310	12.56	19.18	0.08

**Test Mode: UNII-2A/TX AC Wave2(20 MHz) Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	11.41	0.06	11.47	19.18	0.08
CH60	5300	8.36	0.06	8.42	19.18	0.08
CH64	5320	8.42	0.06	8.48	19.18	0.08

**Test Mode: UNII-2A/TX AC Wave2(20 MHz) Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	11.36	0.06	11.42	19.18	0.08
CH60	5300	8.34	0.06	8.40	19.18	0.08
CH64	5320	8.27	0.06	8.33	19.18	0.08

**Test Mode: UNII-2A/TX AC Wave2(20 MHz) Mode\_ANT 3**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	11.47	0.06	11.53	19.18	0.08
CH60	5300	8.43	0.06	8.49	19.18	0.08
CH64	5320	8.34	0.06	8.40	19.18	0.08

**Test Mode: UNII-2A/TX AC Wave2(20 MHz) Mode\_ANT 4**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	11.40	0.06	11.46	19.18	0.08
CH60	5300	8.39	0.06	8.45	19.18	0.08
CH64	5320	8.31	0.06	8.37	19.18	0.08

**Test Mode: UNII-2A/TX AC Wave2(20 MHz) Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH52	5260	17.49	19.18	0.08
CH60	5300	14.46	19.18	0.08
CH64	5320	14.42	19.18	0.08

**Test Mode: UNII-2A/TX AC Wave2(40 MHz) Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH54	5270	11.38	0.11	11.49	19.18	0.08
CH62	5310	6.37	0.11	6.48	19.18	0.08

**Test Mode: UNII-2A/TX AC Wave2(40 MHz) Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH54	5270	11.41	0.11	11.52	19.18	0.08
CH62	5310	6.42	0.11	6.53	19.18	0.08

**Test Mode: UNII-2A/TX AC Wave2(40 MHz) Mode\_ANT 3**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH54	5270	11.47	0.11	11.58	19.18	0.08
CH62	5310	6.38	0.11	6.49	19.18	0.08

**Test Mode: UNII-2A/TX AC Wave2(40 MHz) Mode\_ANT 4**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH54	5270	11.46	0.11	11.57	19.18	0.08
CH62	5310	6.38	0.11	6.49	19.18	0.08

**Test Mode: UNII-2A/TX AC Wave2(40 MHz) Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH54	5270	16.30	19.18	0.08
CH62	5310	11.27	19.18	0.08

**Test Mode: UNII-2A/TX AC Wave2(80 MHz) Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH58	5290	5.41	0.22	5.63	19.18	0.08

**Test Mode: UNII-2A/TX AC Wave2(80 MHz) Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH58	5290	5.38	0.22	5.60	19.18	0.08

**Test Mode: UNII-2A/TX AC Wave2(80 MHz) Mode\_ANT 3**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH58	5290	5.45	0.22	5.67	19.18	0.08

**Test Mode: UNII-2A/TX AC Wave2(80 MHz) Mode\_ANT 4**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH58	5290	5.25	0.22	5.47	19.18	0.08

**Test Mode: UNII-2A/TX AC Wave2(80 MHz) Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH58	5290	11.61	19.18	0.08



**Test Mode: UNII-2C/TX N20 Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	11.35	0.06	11.41	19.18	0.08
CH116	5580	11.40	0.06	11.46	19.18	0.08
CH140	5700	7.42	0.06	7.48	19.18	0.08

**Test Mode: UNII-2C/TX N20 Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	11.37	0.06	11.43	19.18	0.08
CH116	5580	11.30	0.06	11.36	19.18	0.08
CH140	5700	7.38	0.06	7.44	19.18	0.08

**Test Mode: UNII-2C/TX N20 Mode\_ANT 3**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	11.42	0.06	11.48	19.18	0.08
CH116	5580	11.35	0.06	11.41	19.18	0.08
CH140	5700	7.45	0.06	7.51	19.18	0.08

**Test Mode: UNII-2C/TX N20 Mode\_ANT 4**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	11.40	0.06	11.46	19.18	0.08
CH116	5580	11.37	0.06	11.43	19.18	0.08
CH140	5700	7.47	0.06	7.53	19.18	0.08

**Test Mode: UNII-2C/TX N20 Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	17.47	19.18	0.08
CH116	5580	17.44	19.18	0.08
CH140	5700	13.51	19.18	0.08

**Test Mode: UNII-2C/TX N40 Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH102	5510	6.25	0.11	6.36	19.18	0.08
CH110	5550	11.37	0.11	11.48	19.18	0.08
CH134	5670	6.40	0.11	6.51	19.18	0.08

**Test Mode: UNII-2C/TX N40 Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH102	5510	6.34	0.11	6.45	19.18	0.08
CH110	5550	11.39	0.11	11.50	19.18	0.08
CH134	5670	6.35	0.11	6.46	19.18	0.08

**Test Mode: UNII-2C/TX N40 Mode\_ANT 3**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH102	5510	6.47	0.11	6.58	19.18	0.08
CH110	5550	11.40	0.11	11.51	19.18	0.08
CH134	5670	6.45	0.11	6.56	19.18	0.08

**Test Mode: UNII-2C/TX N40 Mode\_ANT 4**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH102	5510	6.32	0.11	6.43	19.18	0.08
CH110	5550	11.47	0.11	11.58	19.18	0.08
CH134	5670	6.51	0.11	6.62	19.18	0.08

**Test Mode: UNII-2C/TX N40 Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH102	5510	12.47	19.18	0.08
CH110	5550	17.53	19.18	0.08
CH134	5670	12.55	19.18	0.08

**Test Mode: UNII-2C/TX AC Wave2(20 MHz) Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	11.45	0.06	11.51	19.18	0.08
CH116	5580	11.37	0.06	11.43	19.18	0.08
CH140	5700	7.42	0.06	7.48	19.18	0.08

**Test Mode: UNII-2C/TX AC Wave2(20 MHz) Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	11.32	0.06	11.38	19.18	0.08
CH116	5580	11.26	0.06	11.32	19.18	0.08
CH140	5700	7.48	0.06	7.54	19.18	0.08

**Test Mode: UNII-2C/TX AC Wave2(20 MHz) Mode\_ANT 3**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	11.46	0.06	11.52	19.18	0.08
CH116	5580	11.29	0.06	11.35	19.18	0.08
CH140	5700	7.31	0.06	7.37	19.18	0.08

**Test Mode: UNII-2C/TX AC Wave2(20 MHz) Mode\_ANT 4**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	11.25	0.06	11.31	19.18	0.08
CH116	5580	11.31	0.06	11.37	19.18	0.08
CH140	5700	7.48	0.06	7.54	19.18	0.08

**Test Mode: UNII-2C/TX AC Wave2(20 MHz) Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH100	5500	17.45	19.18	0.08
CH116	5580	17.39	19.18	0.08
CH140	5700	13.50	19.18	0.08

**Test Mode: UNII-2C/TX AC Wave2(40 MHz) Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH102	5510	6.41	0.11	6.52	19.18	0.08
CH110	5550	11.39	0.11	11.50	19.18	0.08
CH134	5670	6.38	0.11	6.49	19.18	0.08

**Test Mode: UNII-2C/TX AC Wave2(40 MHz) Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH102	5510	6.47	0.11	6.58	19.18	0.08
CH110	5550	11.29	0.11	11.40	19.18	0.08
CH134	5670	6.38	0.11	6.49	19.18	0.08

**Test Mode: UNII-2C/TX AC Wave2(40 MHz) Mode\_ANT 3**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH102	5510	6.51	0.11	6.62	19.18	0.08
CH110	5550	11.34	0.11	11.45	19.18	0.08
CH134	5670	6.40	0.11	6.51	19.18	0.08

**Test Mode: UNII-2C/TX AC Wave2(40 MHz) Mode\_ANT 4**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH102	5510	6.42	0.11	6.53	19.18	0.08
CH110	5550	11.36	0.11	11.47	19.18	0.08
CH134	5670	6.39	0.11	6.50	19.18	0.08

**Test Mode: UNII-2C/TX AC Wave2(40 MHz) Mode\_Total**

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH102	5510	11.34	19.18	0.08
CH110	5550	16.22	19.18	0.08
CH134	5670	11.26	19.18	0.08



**Test Mode: UNII-2C/TX AC Wave2(80 MHz) Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH106	5530	5.63	0.22	5.85	19.18	0.08
CH122	5610	5.40	0.22	5.62	19.18	0.08

**Test Mode: UNII-2C/TX AC Wave2(80 MHz) Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH106	5530	5.42	0.22	5.64	19.18	0.08
CH122	5610	5.39	0.22	5.61	19.18	0.08

**Test Mode: UNII-2C/TX AC Wave2(80 MHz) Mode\_ANT 3**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH106	5530	5.32	0.22	5.54	19.18	0.08
CH122	5610	5.37	0.22	5.59	19.18	0.08

**Test Mode: UNII-2C/TX AC Wave2(80 MHz) Mode\_ANT 4**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH106	5530	5.27	0.22	5.49	19.18	0.08
CH122	5610	5.45	0.22	5.67	19.18	0.08

**Test Mode: UNII-2C/TX AC Wave2(80 MHz) Mode\_Total**

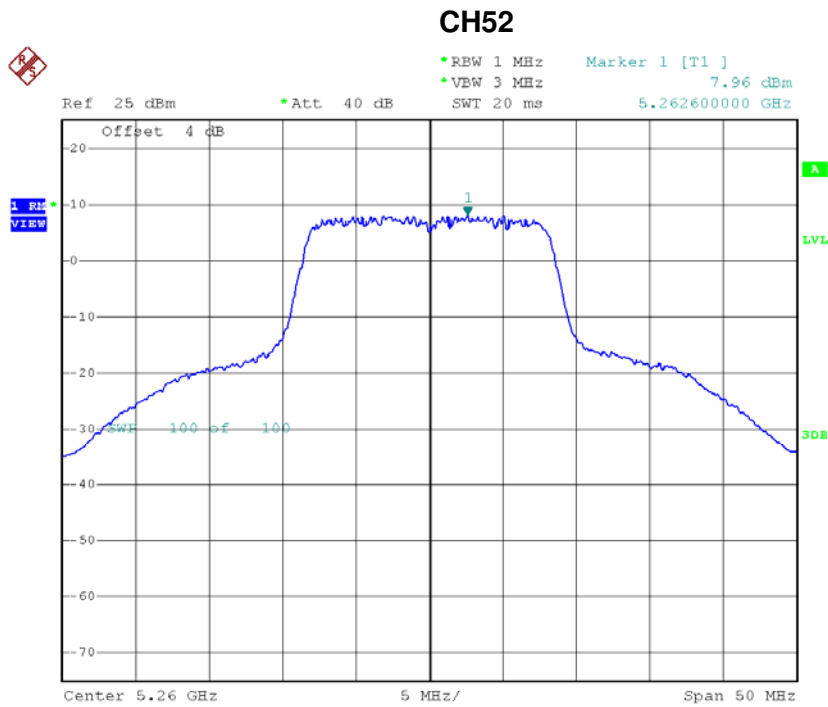
Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH106	5530	11.65	19.18	0.08
CH122	5610	11.64	19.18	0.08

## ATTACHMENTG - POWER SPECTRAL DENSITY

## For 1TX Non-Beamforming

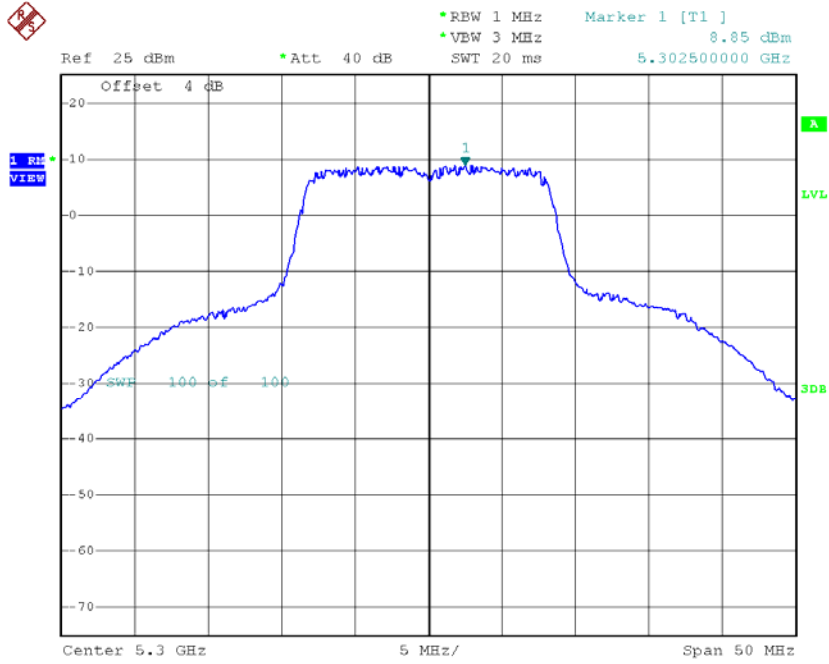
**Test Mode: UNII-2A/ TX A Mode\_CH52/CH60/CH64**

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density+Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH52	5260	7.96	0.14	8.10	11.00
CH60	5300	8.85	0.14	8.99	11.00
CH64	5320	9.22	0.14	9.36	11.00



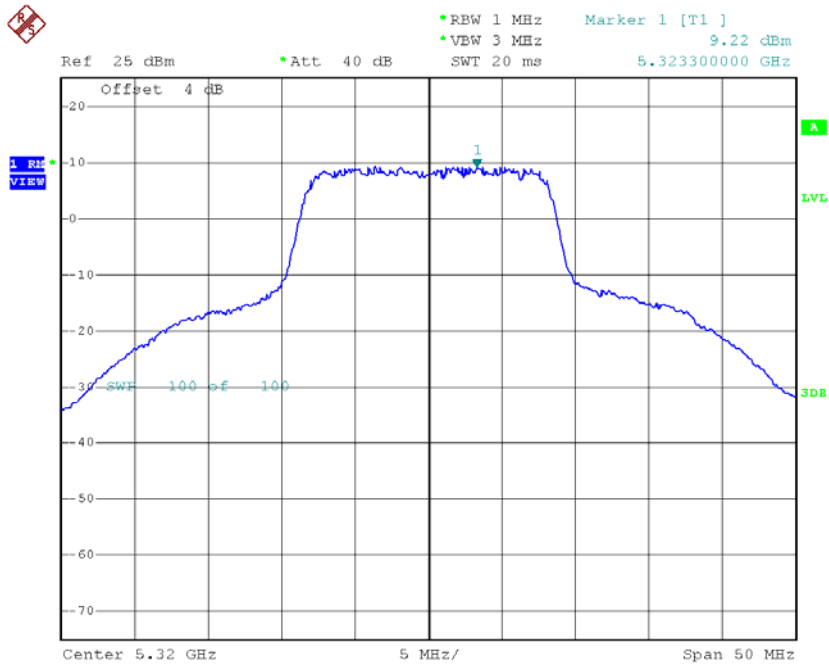
Date: 21.SEP.2016 21:43:36

### CH60



Date: 21.SEP.2016 21:46:28

### CH64



Date: 21.SEP.2016 21:47:01