

# FCC Radio Test Report

## FCC ID: TE7KC200

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

**Project No.** : 1801C053  
**Equipment** : Kasa Cam Outdoor  
**Test Model** : KC200  
**Series Model** : N/A  
**Applicant** : TP-Link Technologies Co., Ltd.  
**Address** : Building 24(floors1,3,4,5) and 28(floors1-4) Central Science and Technology Park, Shennan Rd, Nanshan, Shenzhen, China

**Date of Receipt** : Jan. 09, 2018  
**Date of Test** : Jan. 09, 2018 ~ Mar. 23, 2018  
**Issued Date** : May 08, 2018  
**Tested by** : BTL Inc.

**Testing Engineer** : Welly Zhou  
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### **Limitation**

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### REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
BTL-FCCP-1-1801C053	Original Issue.	Apr. 25, 2018
MDG1805003	Updated the KDB Version.	May 08, 2018

## 1. CERTIFICATION

Equipment : Kasa Cam Outdoor  
Brand Name : tp-link  
Test Model : KC200  
Series Model : N/A  
Applicant : TP-Link Technologies Co., Ltd.  
Manufacturer : TP-Link Technologies Co., Ltd.  
Address : Building 24(floors1,3,4,5) and 28(floors1-4) Central Science and Technology Park, Shennan Rd, Nanshan, Shenzhen, China  
Factory : TP-Link Technologies Co., Ltd.  
Address : Building 24(floors1,3,4,5) and 28(floors1-4) Central Science and Technology Park, Shennan Rd, Nanshan, Shenzhen, China  
Date of Test : Jan. 09, 2018 ~ Mar. 23, 2018  
Test Sample : Engineering Sample NO.: Conducted: D180100356, Radiated: D180100357  
Standard(s) : FCC Part15, Subpart C:(15.247) / 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-1-1801C053) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of NVLAP 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):

Applied Standard(s): FCC Part15 (15.247) , Subpart C			
Standard(s) Section	Test Item	Judgment	Remark
15.207	Conducted Emission	PASS	
15.247(d)	Antenna conducted Spurious Emission	PASS	
15.247(a)(2)	6dB Bandwidth	PASS	
15.247(b)(3)	AVG Output Power	PASS	
15.247(e)	Power Spectral Density	PASS	
15.203	Antenna Requirement	PASS	
15.247(d)/ 15.205/ 15.209	Transmitter Radiated Emissions	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: 854385

BTL's designation number for FCC: CN5020

## 2.2 MEASUREMENT UNCERTAINTY

The measurement uncertainty figures shall be calculated according the methods described in the ETSI TR 100 028 and shall correspond to an expansion factor (coverage factor)  $k=1.96$  or  $k=2$ (which provide confidence levels of respectively 90% and 95.45% in the case where the distributions characterizing the actual measurement uncertainties are normal (Gaussian)). Measurement Uncertainty for a Level of Confidence of 95 %,  $U=2xUc(y)$ .

The BTL measurement uncertainty as below table:

### A. Conducted Measurement:

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

### B. Radiated Measurement:

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

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



### 3. GENERAL INFORMATION

#### 3.1 GENERAL DESCRIPTION OF EUT

Equipment	Kasa Cam Outdoor	
Brand Name	tp-link	
Test Model	KC200	
Series Model	N/A	
Model Difference	N/A	
Product Description	Operation Frequency	2412~2462 MHz
	Modulation Technology	802.11b:DSSS 802.11g:OFDM 802.11n:OFDM
	Bit Rate of Transmitter	802.11b: 11/5.5/2/1 Mbps 802.11g: 54/48/36/24/18/12/9/6 Mbps 802.11n up to 150 Mbps
	AVG Output Power (Max.)_ANT 1	802.11b: 19.54dBm 802.11g: 19.86dBm 802.11n(20MHz): 19.73dBm 802.11n(40MHz): 19.43dBm
	AVG Output Power (Max.)_ANT 2	802.11b: 19.66dBm 802.11g: 19.68dBm 802.11n(20MHz): 19.85dBm 802.11n(40MHz): 19.55dBm
Power Source	DC Voltage supplied from AC/DC adapter. Model: DSA-5PFU1-05 FCA 050100	
Power Rating	I/P: 100-240V~50/60Hz 0.2A O/P: +5V---1A	

Note:

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

CH01 - CH11 for 802.11b, 802.11g, 802.11n(20MHz) CH03 - CH09 for 802.11n(40MHz)							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
01	2412	04	2427	07	2442	10	2457
02	2417	05	2432	08	2447	11	2462
03	2422	06	2437	09	2452		

#### 3. Table for Filed Antenna

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	N/A	N/A	PIFA	N/A	1.87
2	N/A	N/A	PIFA	N/A	2.93

Note:

Smart antenna system with two transmit/receive chains, but operating in a mode where only one transmit/receive chain is used.

### 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 B MODE CHANNEL 01/06/11
Mode 2	TX G MODE CHANNEL 01/06/11
Mode 3	TX N-20MHZ MODE CHANNEL 01/06/11
Mode 4	TX N-40MHZ MODE CHANNEL 03/06/09
Mode 5	Normal Link
Mode 6	TX B MODE CHANNEL 01//02/06/10/11
Mode 7	TX G MODE CHANNEL 01//02/06/10/11
Mode 8	TX N-20MHZ MODE CHANNEL 01//02/06/10/11
Mode 9	TX N-40MHZ MODE CHANNEL 03/04/06/08/09

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 5	Normal Link

For Radiated Test	
Final Test Mode	Description
Mode 1	TX B MODE CHANNEL 01/06/11
Mode 2	TX G MODE CHANNEL 01/06/11
Mode 3	TX N-20MHZ MODE CHANNEL 01/06/11
Mode 4	TX N-40MHZ MODE CHANNEL 03/06/09

For Band Edge Test	
Final Test Mode	Description
Mode 6	TX B MODE CHANNEL 01//02/06/10/11
Mode 7	TX G MODE CHANNEL 01//02/06/10/11
Mode 8	TX N-20MHZ MODE CHANNEL 01//02/06/10/11
Mode 9	TX N-40MHZ MODE CHANNEL 03/04/06/08/09

6dB Spectrum Bandwidth	
Final Test Mode	Description
Mode 1	TX B MODE CHANNEL 01/06/11
Mode 2	TX G MODE CHANNEL 01/06/11
Mode 3	TX N-20MHZ MODE CHANNEL 01/06/11
Mode 4	TX N-40MHZ MODE CHANNEL 03/06/09

Maximum AVG Conducted Output Power	
Final Test Mode	Description
Mode 1	TX B MODE CHANNEL 01/06/11
Mode 2	TX G MODE CHANNEL 01/06/11
Mode 3	TX N-20MHZ MODE CHANNEL 01/06/11
Mode 4	TX N-40MHZ MODE CHANNEL 03/06/09

Power Spectral Density	
Final Test Mode	Description
Mode 1	TX B MODE CHANNEL 01/06/11
Mode 2	TX G MODE CHANNEL 01/06/11
Mode 3	TX N-20MHZ MODE CHANNEL 01/06/11
Mode 4	TX N-40MHZ MODE CHANNEL 03/06/09

Note:

- (1) The measurements are performed at the high, middle, low available channels.
- (2) 802.11b mode: DBPSK (1Mbps)  
802.11g mode: OFDM (6Mbps)  
802.11n HT20 mode : BPSK (6.5Mbps)  
802.11n HT40 mode : BPSK (13.5Mbps)  
For radiated emission tests, the highest output powers were set for final test.
- (3) For radiated below 1G test, the 802.11b is found to be the worst case and recorded.
- (4) The EUT was programmed to be in continuously transmitting mode and the transmit duty cycle is not less than 98%.
- (5) For radiated, it was pre-tested on the positioned of each 2 axis. The worst case was found positioned on Normal-plane. Therefore only the test data of this Normal-plane was used for radiated emission measurement test.

### 3.3 TABLE OF PARAMETERS OF TEXT 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 power parameters of WLAN

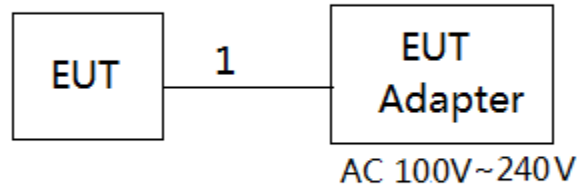
#### ANT 1

Test software version	MT76xxU		
Frequency (MHz)	2412	2437	2462
802.11b	14	14	15
802.11g	11	13	13
802.11n (20MHz)	10	13	12
Frequency (MHz)	2422	2437	2452
802.11n (40MHz)	7	15	0D

#### ANT 2

Test software version	MT76xxU		
Frequency (MHz)	2412	2437	2462
802.11b	15	15	16
802.11g	10	15	12
802.11n (20MHz)	0D	15	10
Frequency (MHz)	2422	2437	2452
802.11n (40MHz)	7	15	0A

**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.
-	-	-	-	-	-

Item	Shielded Type	Ferrite Core	Length	Note
1	NO	NO	0.8m	USB Cable

## 4. EMC EMISSION TEST

### 4.1 CONDUCTED EMISSION MEASUREMENT

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

Frequency of Emission (MHz)	Conducted Limit (dB $\mu$ V)	
	Quasi-peak	Average
0.15 -0.50	66 to 56*	56 to 46*
0.50 -5.0	56	46
5.0 -30.0	60	50

Note:

- (1) The limit of " \* " decreases with the logarithm of the frequency
- (2) The test result calculated as following:  
 Measurement Value = Reading Level + Correct Factor  
 Correct Factor = Insertion Loss + Cable Loss + Attenuator Factor(if use)  
 Margin Level = Measurement Value - Limit Value

The following table is the setting of the receiver

Receiver Parameters	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 KHz

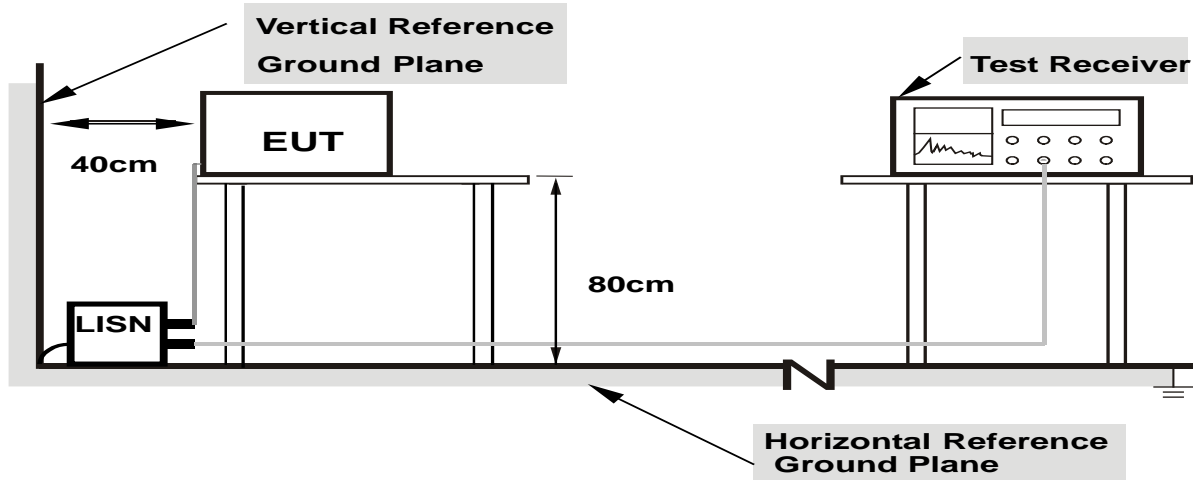
#### 4.1.2 TEST PROCEDURE

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

#### 4.1.3 DEVIATION FROM TEST STANDARD

No deviation

#### 4.1.4 TEST SETUP



- Note:**
- 1.Support units were connected to second LISN.
  - 2.Both of LISNs (AMN) are 80 cm from EUT and at least 80 from other units and other metal planes

#### 4.1.5 EUT OPERATING CONDITIONS

The EUT was placed on the test table and programmed in normal function.

#### 4.1.6 EUT TEST CONDITIONS

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

#### 4.1.7 TEST RESULTS

Please refer to the Appendix A.



## 4.2 RADIATED EMISSION MEASUREMENT

### 4.2.1 RADIATED EMISSION LIMITS

In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

#### LIMITS OF RADIATED EMISSION MEASUREMENT (9KHz-1000MHz)

Frequency (MHz)	Field Strength (microvolts/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
960~1000	500	3

#### LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000MHz)

Frequency (MHz)	(dBuV/m) (at 3 meters)	
	PEAK	AVERAGE
Above 1000	74	54

**Notes:**

- (1) The limit for radiated test was performed according to FCC PART 15C.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).
- (4) The test result calculated as following:  
 Measurement Value = Reading Level + Correct Factor  
 Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain(if use)  
 Margin Level = Measurement Value - Limit Value

Spectrum Parameter	Setting
Attenuation	Auto
Start Frequency	1000 MHz
Stop Frequency	10th carrier harmonic
RBW / VBW (Emission in restricted band)	1MHz / 3MHz for Peak, 1MHz / 1/T for Average

Receiver Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9KHz~90KHz for PK/AVG detector
Start ~ Stop Frequency	90KHz~110KHz for QP detector
Start ~ Stop Frequency	110KHz~490KHz for PK/AVG detector
Start ~ Stop Frequency	490KHz~30MHz for QP detector
Start ~ Stop Frequency	30MHz~1000MHz for QP detector

#### 4.2.2 TEST PROCEDURE

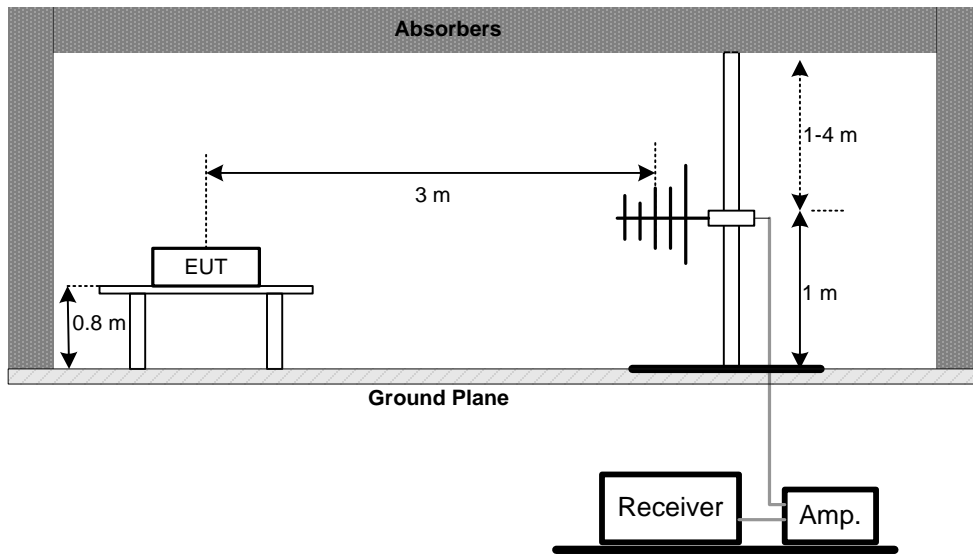
- a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
- b. The measuring distance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

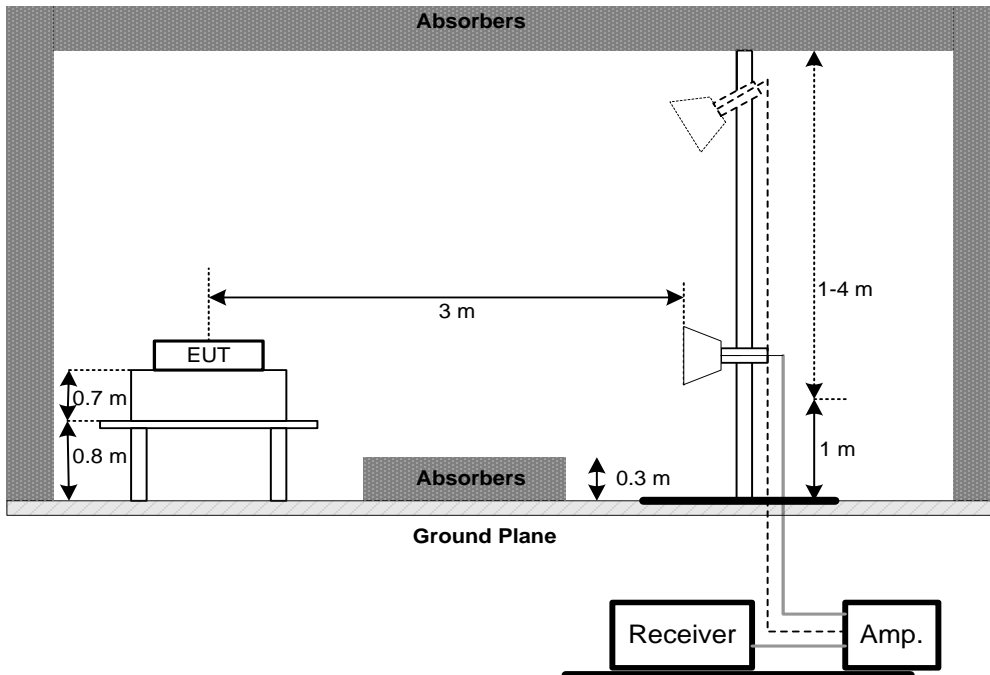
No deviation

**4.2.4 TEST SETUP**

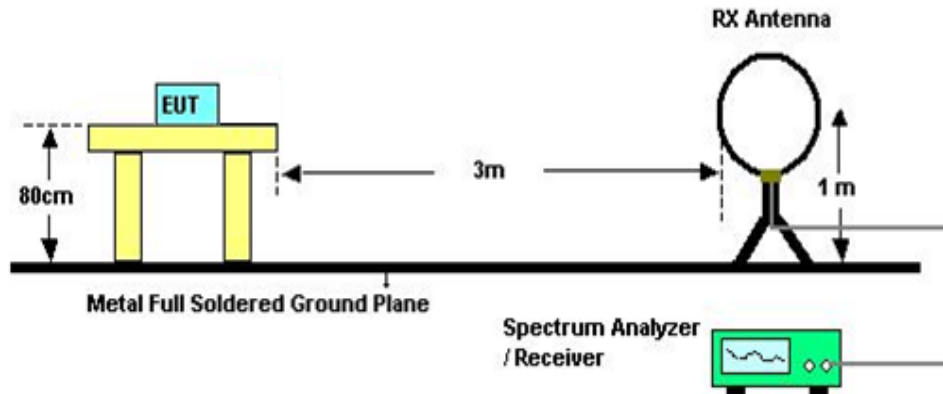
(A) Radiated Emission Test Set-Up Frequency Below 1 GHz



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



(C) For Radiated Emissions Below 30MHz



#### 4.2.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

#### 4.2.6 EUT TEST CONDITIONS

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

#### 4.2.7 TEST RESULTS (9KHZ TO 30MHZ)

Please refer to the Appendix 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 (30MHZ TO 1000MHZ)

Please refer to the Appendix C.

#### 4.2.9 TEST RESULTS (ABOVE 1000MHZ)

Please refer to the Appendix 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. BANDWIDTH TEST

### 5.1 APPLIED PROCEDURES

FCC Part15 (15.247) , Subpart C			
Section	Test Item	Frequency Range (MHz)	Result
15.247(a)(2)	Bandwidth	2400-2483.5	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 Setting: RBW= 100KHz, VBW=300KHz, Sweep time = 2.5 ms.

#### 5.1.2 DEVIATION FROM STANDARD

No deviation.

#### 5.1.3 TEST SETUP



#### 5.1.4 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

#### 5.1.5 EUT TEST CONDITIONS

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

#### 5.1.6 TEST RESULTS

Please refer to the Appendix E.

## 6. MAXIMUM AVG CONDUCTED OUTPUT POWER TEST

### 6.1 APPLIED PROCEDURES / LIMIT

FCC Part15 (15.247) , Subpart C				
Section	Test Item	Limit	Frequency Range (MHz)	Result
15.247(b)(3)	Maximum Output Power	1 Watt or 30dBm	2400-2483.5	PASS

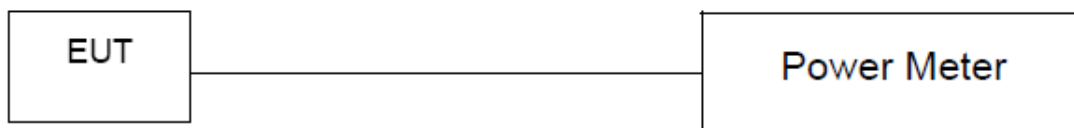
#### 6.1.1 TEST PROCEDURE

- a. The EUT was directly connected to the power meter and antenna output port as show in the block diagram below,
- b. The maximum peak conducted output power was performed in accordance with method 9.2.2.3 of FCC KDB 558074 D01 v04 DTS Meas Guidance.

#### 6.1.2 DEVIATION FROM STANDARD

No deviation.

#### 6.1.3 TEST SETUP



#### 6.1.4 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

#### 6.1.5 EUT TEST CONDITIONS

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

#### 6.1.6 TEST RESULTS

Please refer to the Appendix F.

## 7. ANTENNA CONDUCTED SPURIOUS EMISSION

### 7.1 APPLIED PROCEDURES / LIMIT

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a) (see Section 15.205(c)).

#### 7.1.1 TEST PROCEDURE

- a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
- b. Spectrum Setting: RBW= 100KHz, VBW=300KHz, Sweep time = Auto.
- c. Offset=antenna gain+cable loss

#### 7.1.2 DEVIATION FROM STANDARD

No deviation.

#### 7.1.3 TEST SETUP



#### 7.1.4 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

#### 7.1.5 EUT TEST CONDITIONS

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

#### 7.1.6 TEST RESULTS

Please refer to the Appendix G.

## 8. POWER SPECTRAL DENSITY TEST

### 8.1 APPLIED PROCEDURES / LIMIT

FCC Part15 (15.247) , Subpart C				
Section	Test Item	Limit	Frequency Range (MHz)	Result
15.247(e)	Power Spectral Density	8 dBm (in any 3KHz)	2400-2483.5	PASS

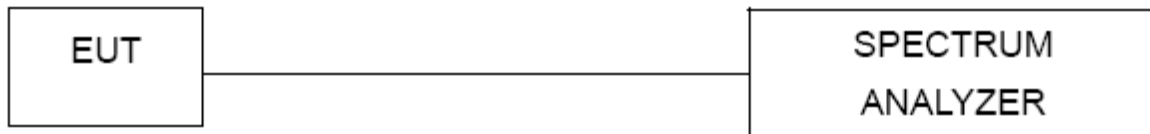
#### 8.1.1 TEST PROCEDURE

- The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
- Spectrum Setting: RBW=3KHz, VBW=10KHz, Sweep time = Auto.

#### 8.1.2 DEVIATION FROM STANDARD

No deviation.

#### 8.1.3 TEST SETUP



#### 8.1.4 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

#### 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 Appendix H.



## 9. MEASUREMENT INSTRUMENTS LIST

Conducted Emission					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	EMI Test Receiver	R&S	ESCI	100382	Mar. 11, 2019
2	LISN	EMCO	3816/2	52765	Mar. 11, 2019
3	50Ω Terminator	SHX	TF2-3G-A	8122901	Mar. 11, 2019
4	TWO-LINE V-NETWORK	R&S	ENV216	101447	Mar. 11, 2019
5	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
6	Cable	N/A	RG223	12m	Oct. 19, 2018

Radiated Emission Below 1GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Antenna	Schwarbeck	VULB9160	9160-3232	Mar. 11, 2019
2	Amplifier	HP	8447D	2944A09673	Oct. 19, 2018
3	Receiver	Agilent	N9038A	MY52130039	Aug. 20, 2018
4	Cable	emci	LMR-400(30MHz-1 GHz)(8m+5m)	N/A	Jun. 26, 2018
5	Controller	CT	SC100	N/A	N/A
6	Controller	MF	MF-7802	MF780208416	N/A
7	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
8	Antenna	EM	EM-6876-1	230	Feb. 07, 2019

Radiated Emission Above 1GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Double Ridged Guide Antenna	ETS	3115	75789	Mar. 11, 2019
2	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Jun. 08, 2018
3	Amplifier	Agilent	8449B	3008A02274	Mar. 11, 2019
4	Microwave Preamplifier With Adaptor	EMC INSTRUMENT	EMC2654045	980039 & HA01	Mar. 11, 2019
5	Receiver	Agilent	N9038A	MY52130039	Aug. 20, 2018
6	Controller	CT	SC100	N/A	N/A
7	Controller	MF	MF-7802	MF780208416	N/A
8	Cable	emci	EMC104-SM-SM-1 2000(12m)	N/A	Jun. 26, 2018
9	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

6dB Bandwidth					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100185	Aug. 20, 2018

Peak Output Power					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Power Meter	ANRITSU	ML2495A	1128009	Mar. 26, 2018
2	Pulse Power Sensor	ANRITSU	MA 2411B	1027500	Mar. 26, 2018

Antenna Conducted Spurious Emission					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100185	Aug. 20, 2018

Power Spectral Density					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100185	Aug. 20, 2018

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

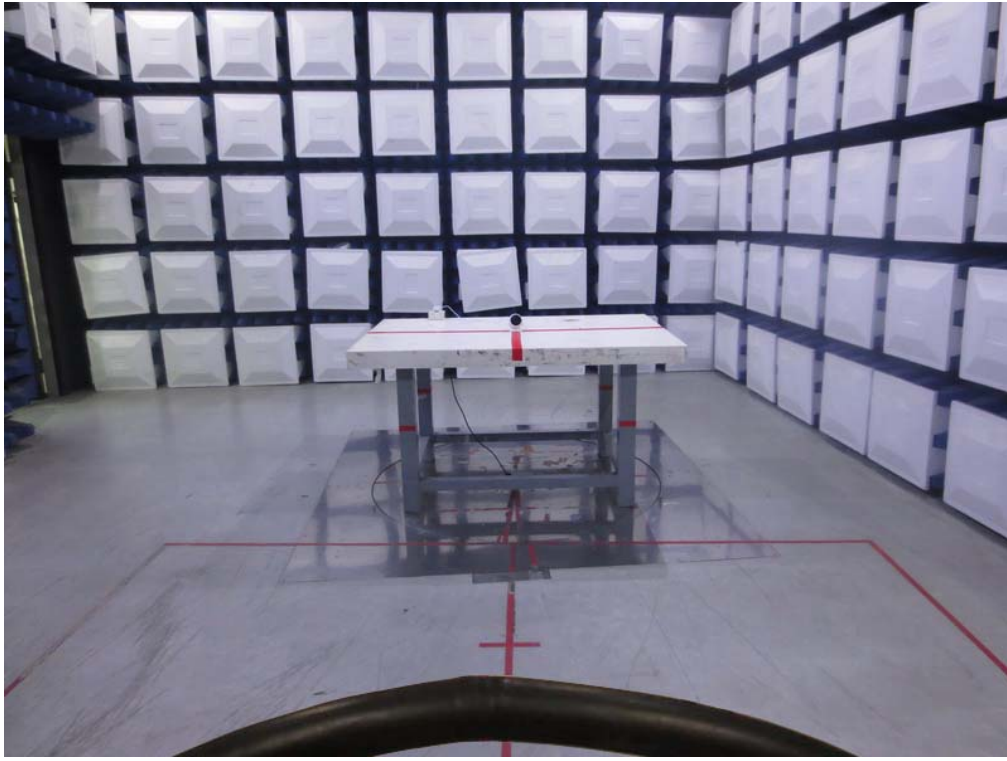
**10. EUT TEST PHOTO**

**Conducted Measurement Photos**



**Radiated Measurement Photos**

**9KHz to 30MHz**



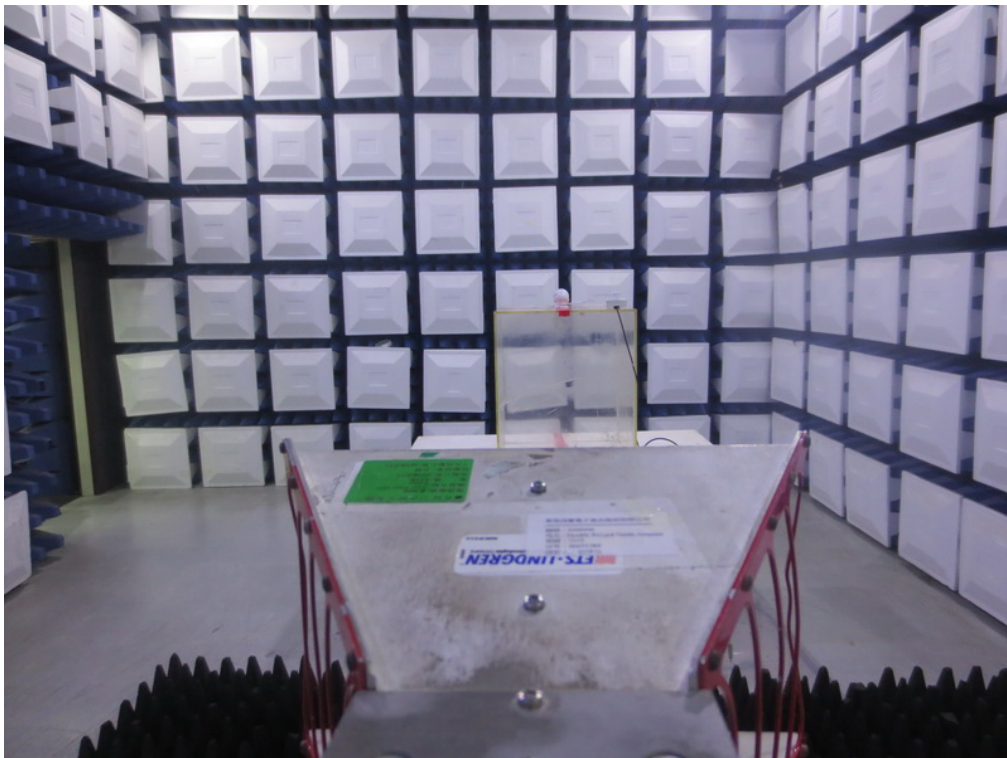
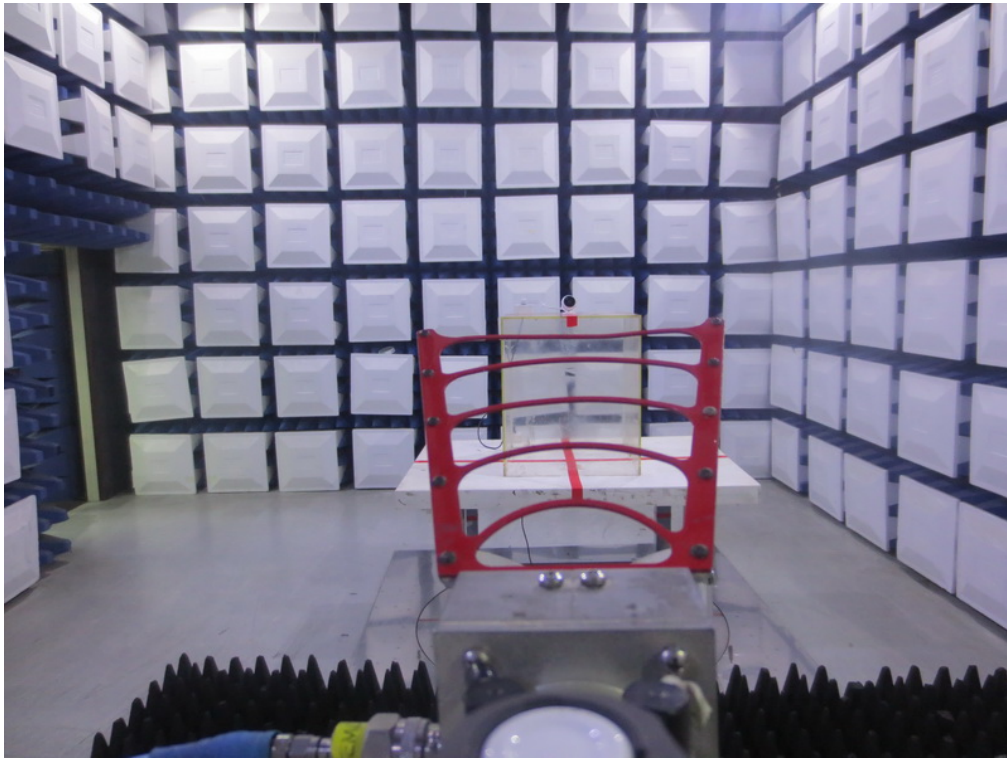
**Radiated Measurement Photos**

**30MHz to 1000MHz**



**Radiated Measurement Photos**

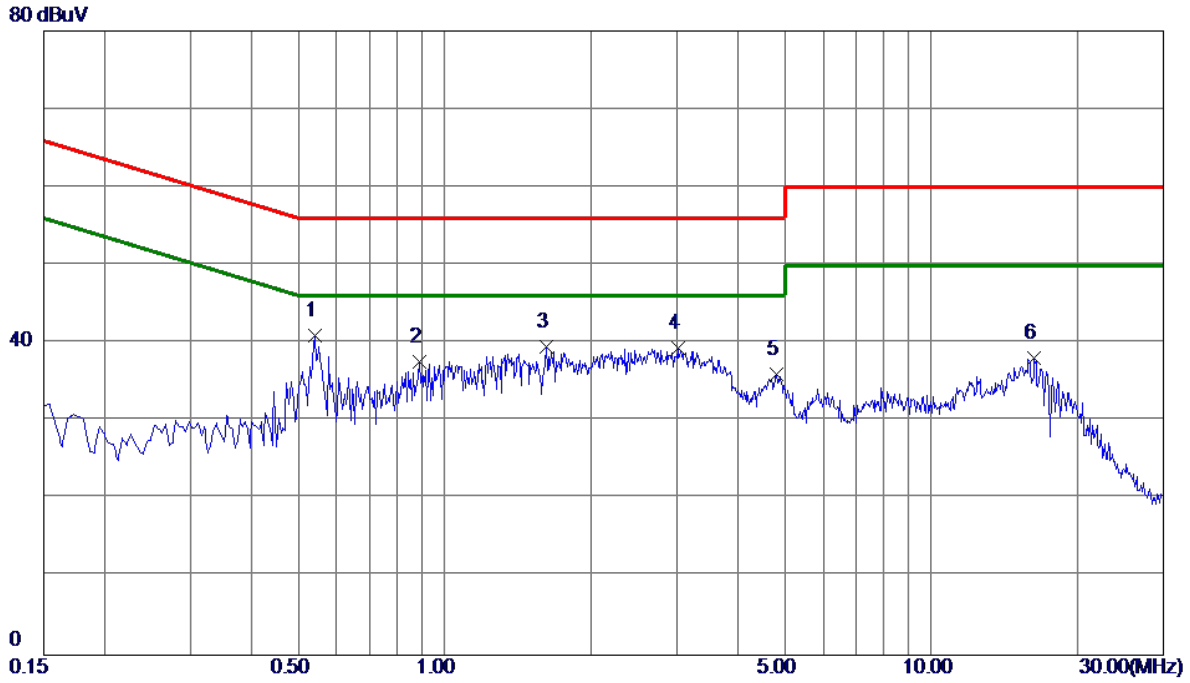
**Above 1000MHz**



## APPENDIX A - CONDUCTED EMISSION

Test Mode : Normal Link

**Line**

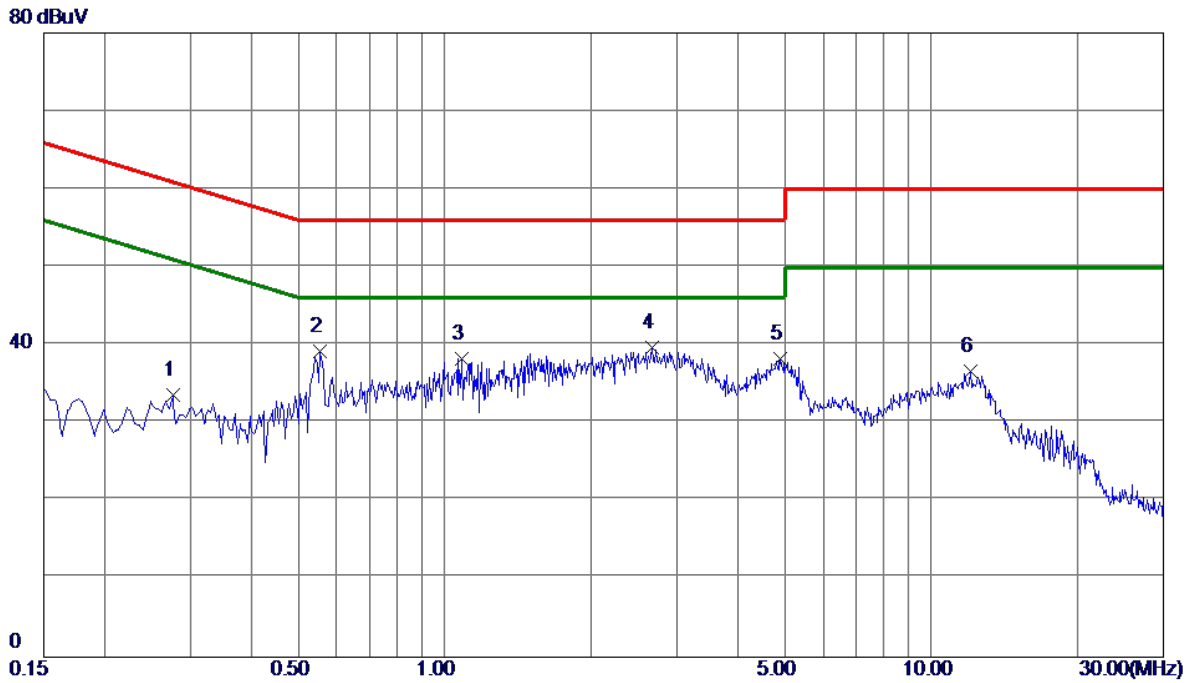


No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1 *	0.5415	31.22	9.80	41.02	56.00	-14.98	Peak	
2	0.8880	27.78	9.85	37.63	56.00	-18.37	Peak	
3	1.6170	29.58	9.91	39.49	56.00	-16.51	Peak	
4	3.0164	29.35	10.00	39.35	56.00	-16.65	Peak	
5	4.8075	25.96	10.07	36.03	56.00	-19.97	Peak	
6	16.2870	27.47	10.61	38.08	60.00	-21.92	Peak	



Test Mode : Normal Link

### Neutral

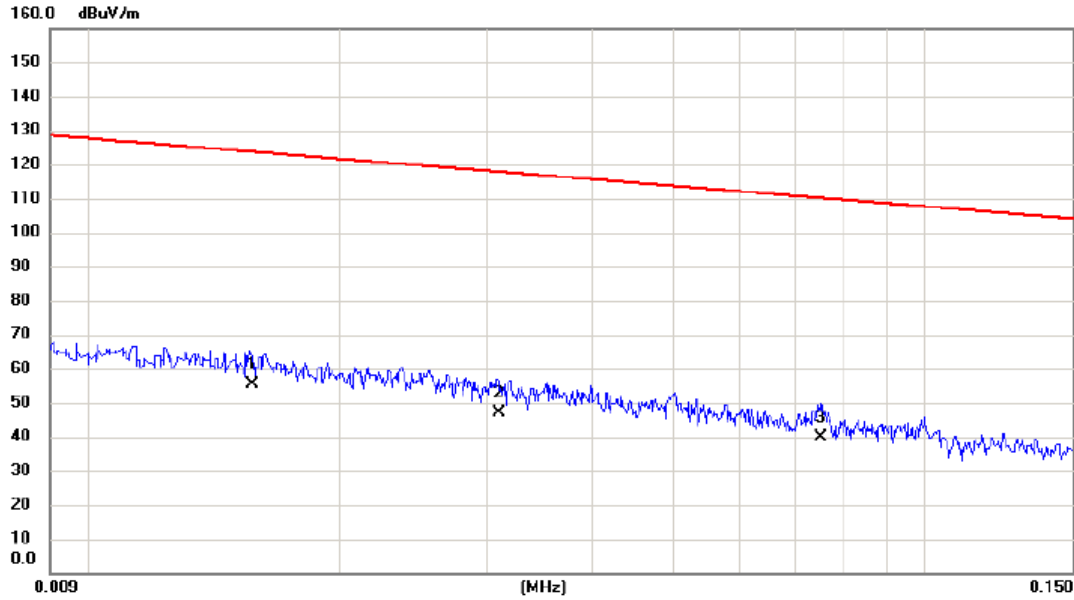


No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	0.2760	23.90	9.67	33.57	60.94	-27.37	Peak	
2	0.5550	29.46	9.71	39.17	56.00	-16.83	Peak	
3	1.0859	28.56	9.75	38.31	56.00	-17.69	Peak	
4 *	2.6745	29.79	9.88	39.67	56.00	-16.33	Peak	
5	4.9064	28.21	10.00	38.21	56.00	-17.79	Peak	
6	12.0300	26.29	10.42	36.71	60.00	-23.29	Peak	

## APPENDIX B - RADIATED EMISSION (9KHZ TO 30MHZ)

Test Mode: TX MODE

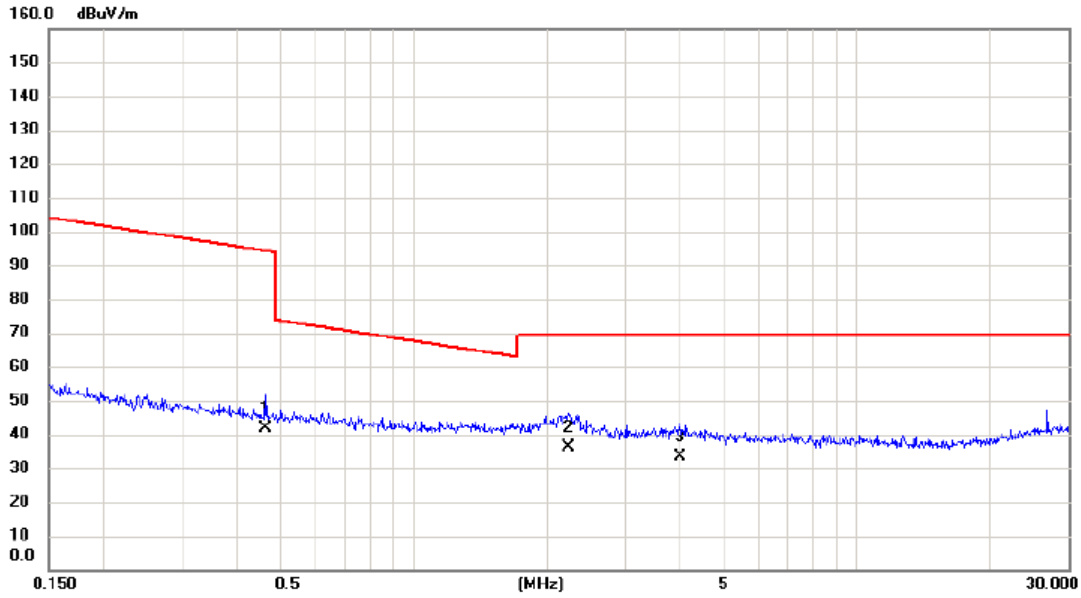
Ant 0°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	0.0157	35.21	20.18	55.39	123.69	-68.30	AVG	
2		0.0310	27.58	19.29	46.87	117.78	-70.91	AVG	
3		0.0751	21.45	18.23	39.68	110.09	-70.41	AVG	

Test Mode: TX MODE

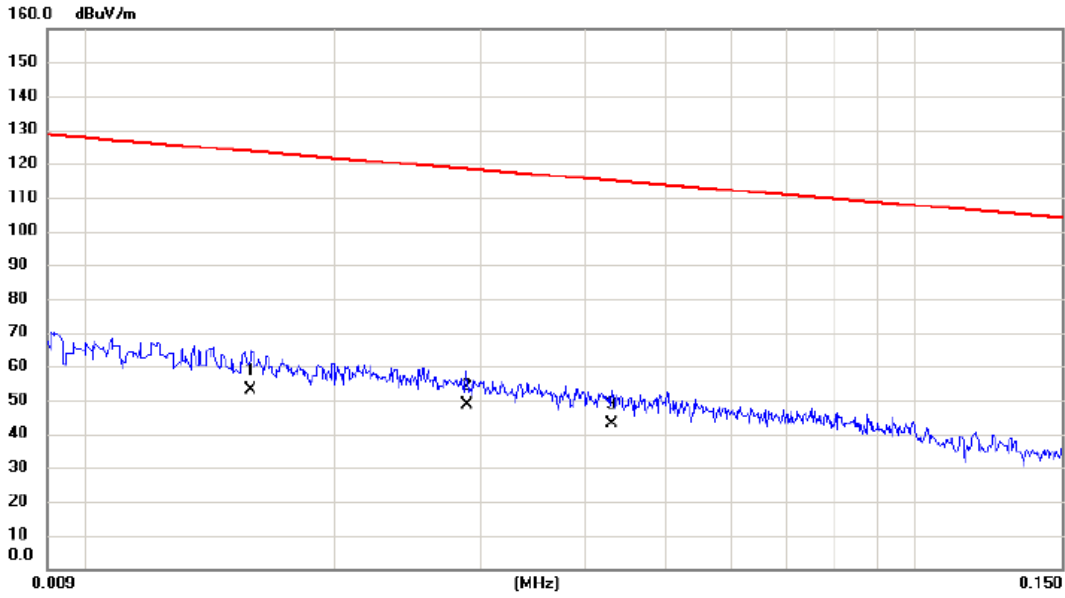
Ant 0°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.4637	25.13	16.50	41.63	94.28	-52.65	AVG	
2	*	2.2367	20.78	15.44	36.22	69.54	-33.32	QP	
3		3.9850	18.30	14.95	33.25	69.54	-36.29	QP	

Test Mode: TX MODE

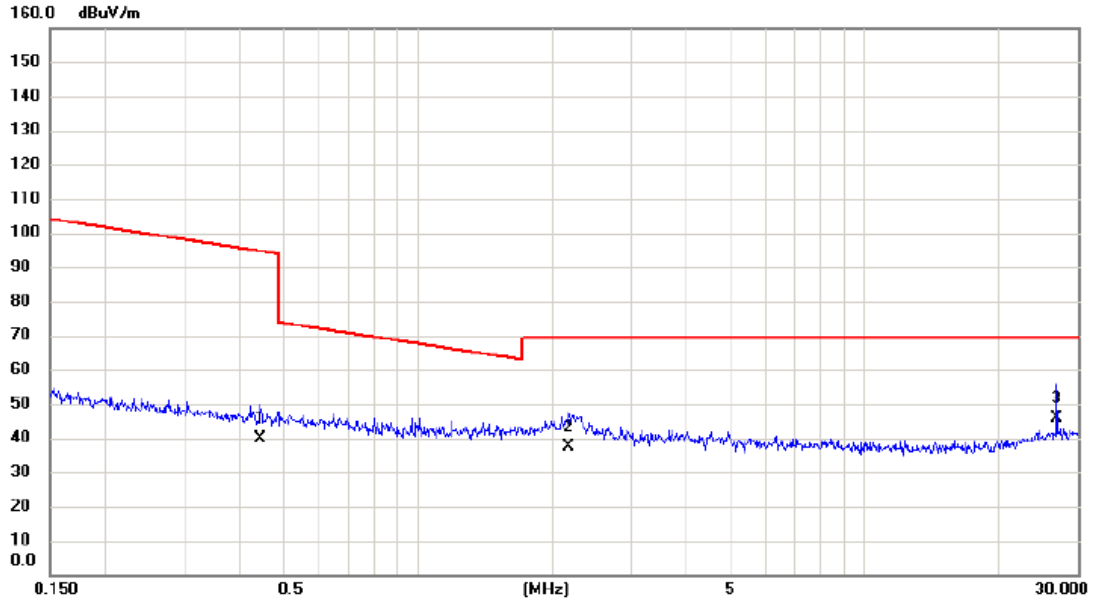
Ant 90°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.0158	33.00	20.17	53.17	123.63	-70.46	AVG	
2	*	0.0288	29.21	19.36	48.57	118.42	-69.85	AVG	
3		0.0431	24.13	18.93	43.06	114.92	-71.86	AVG	

Test Mode: TX MODE

Ant 90°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.4444	23.48	16.51	39.99	94.65	-54.66	AVG	
2		2.1783	21.78	15.46	37.24	69.54	-32.30	QP	
3	*	26.8411	25.46	20.21	45.67	69.54	-23.87	QP	

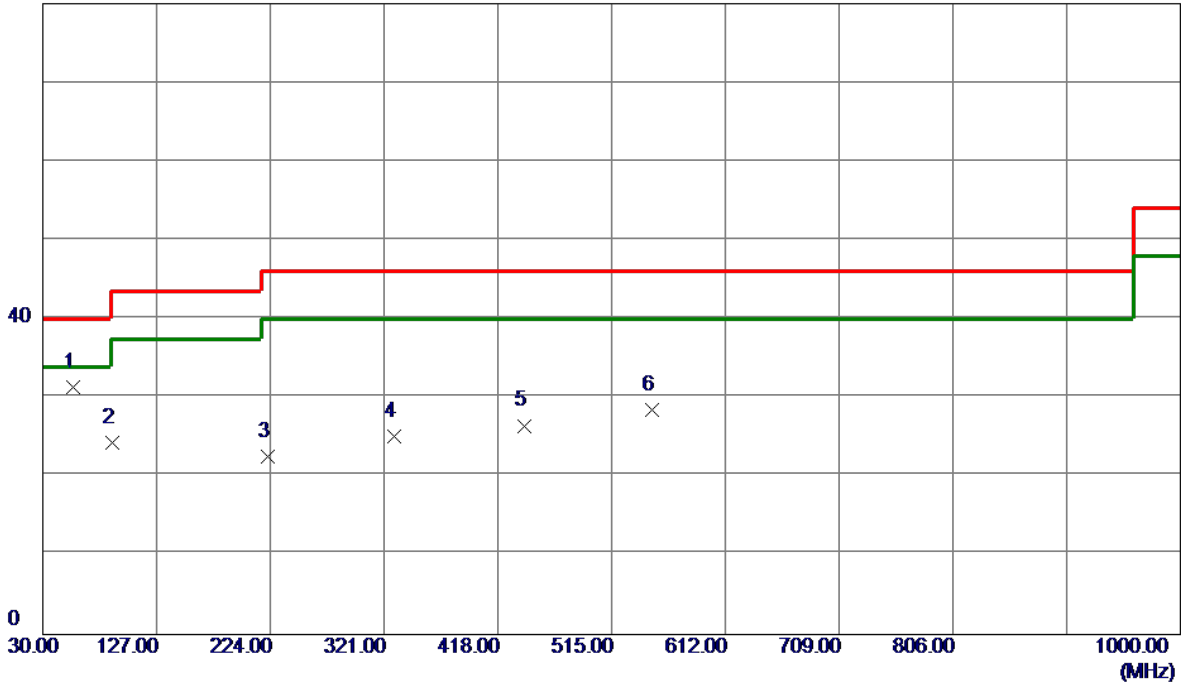
## APPENDIX C - RADIATED EMISSION (30MHZ TO 1000MHZ)

**ANT 1**

Test Mode: TX B MODE CHANNEL 01

**Vertical**

80 dBuV/m



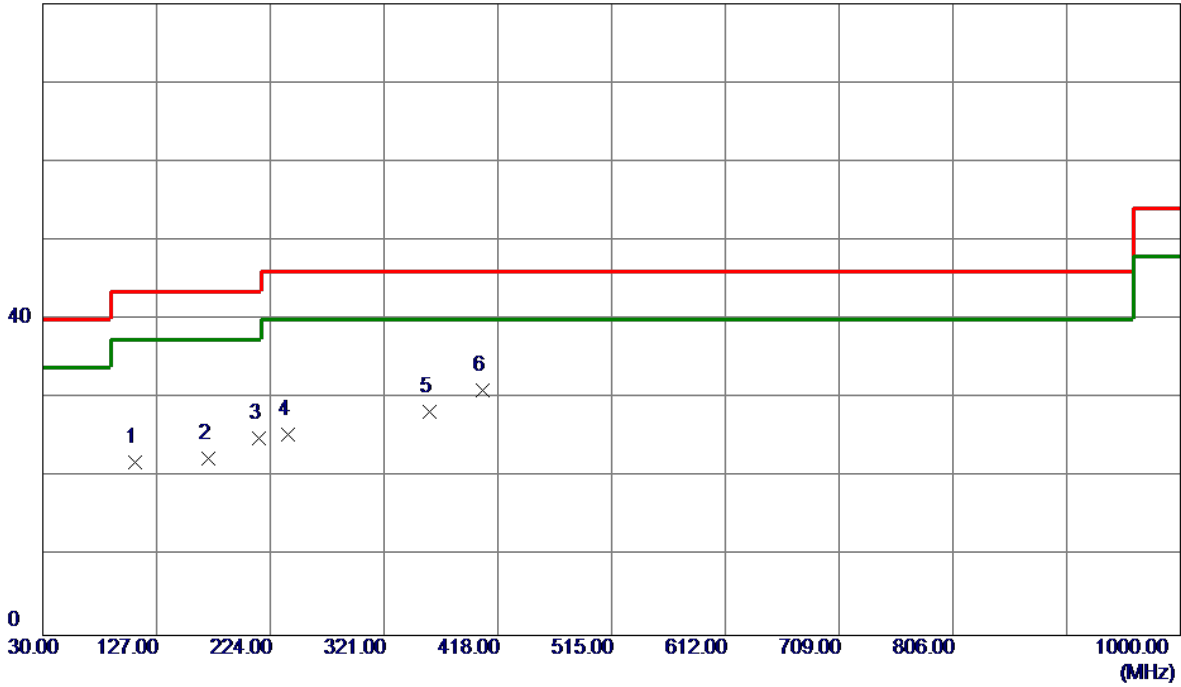
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	56.1900	43.62	-12.26	31.36	40.00	-8.64	Peak	
2	89.1700	41.50	-17.22	24.28	43.50	-19.22	Peak	
3	222.0600	36.10	-13.47	22.63	46.00	-23.37	Peak	
4	329.7300	34.96	-9.91	25.05	46.00	-20.95	Peak	
5	440.3100	33.59	-7.11	26.48	46.00	-19.52	Peak	
6	549.9200	32.88	-4.44	28.44	46.00	-17.56	Peak	



Test Mode: TX B MODE CHANNEL 01

**Horizontal**

80 dBuV/m

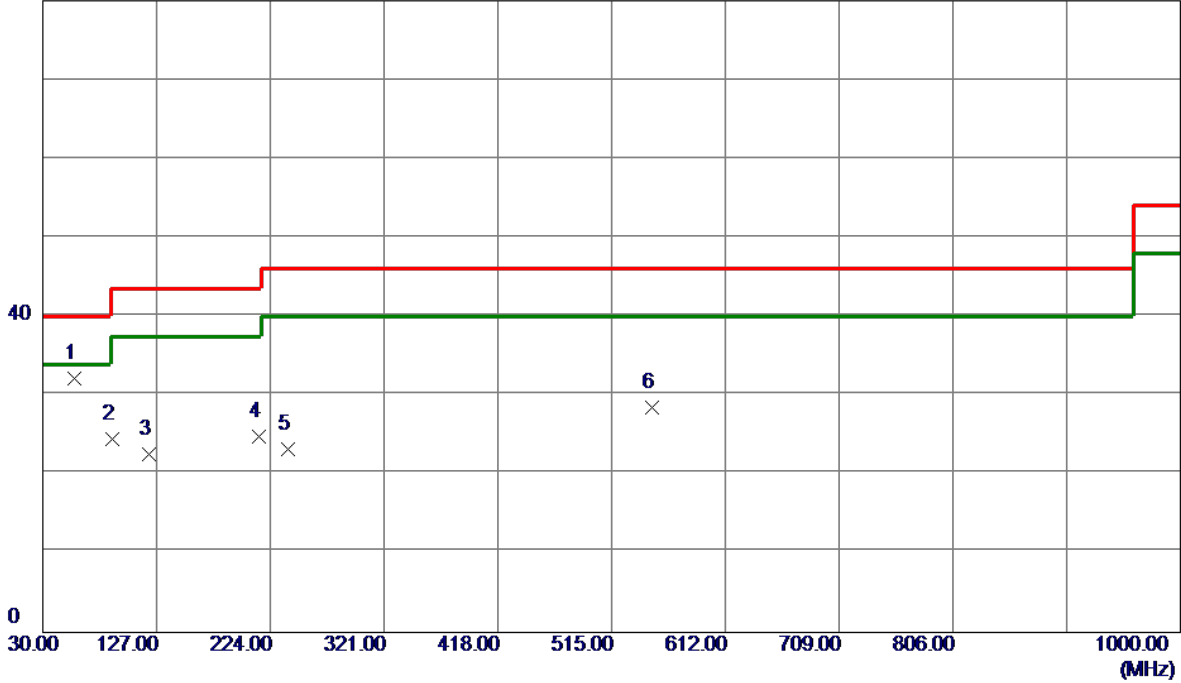


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	108.5700	37.26	-15.39	21.87	43.50	-21.63	Peak	
2	171.6200	33.49	-11.15	22.34	43.50	-21.16	Peak	
3	214.3000	38.20	-13.28	24.92	43.50	-18.58	Peak	
4	239.5200	38.80	-13.35	25.45	46.00	-20.55	Peak	
5	359.8000	37.47	-9.17	28.30	46.00	-17.70	Peak	
6 *	405.3900	38.95	-7.98	30.97	46.00	-15.03	Peak	

Test Mode: TX B MODE CHANNEL 06

**Vertical**

80 dBuV/m

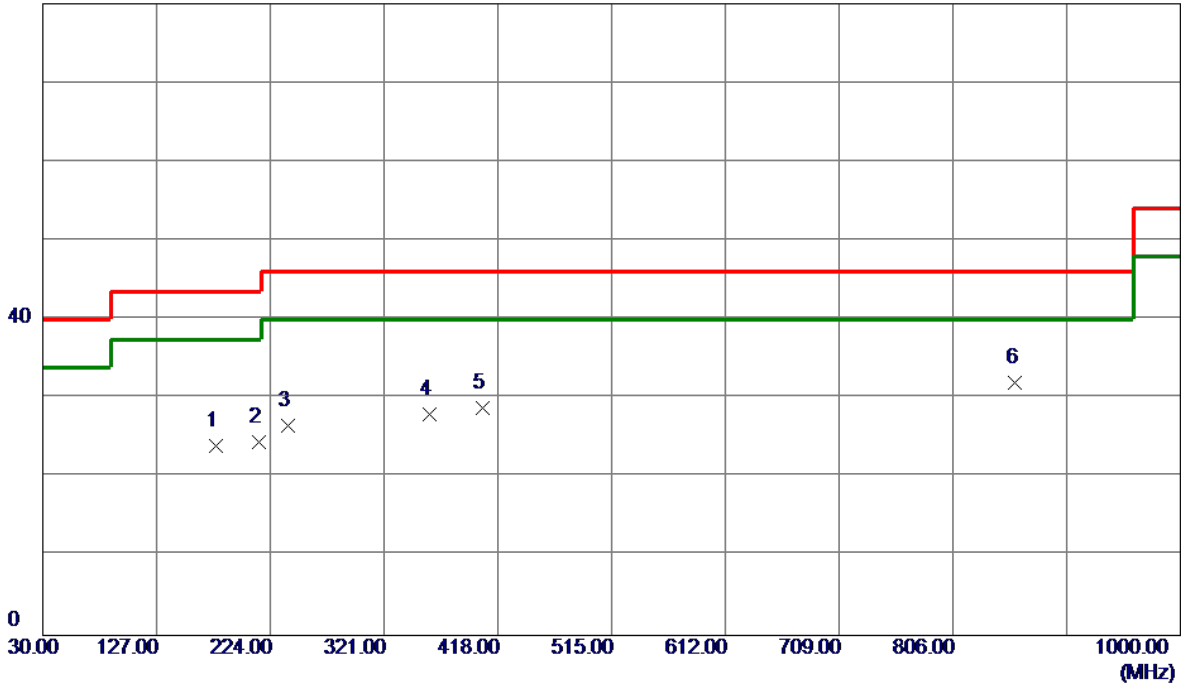


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	57.1600	44.77	-12.54	32.23	40.00	-7.77	Peak	
2	89.1700	41.72	-17.22	24.50	43.50	-19.00	Peak	
3	120.2100	36.29	-13.66	22.63	43.50	-20.87	Peak	
4	214.3000	38.08	-13.28	24.80	43.50	-18.70	Peak	
5	239.5200	36.56	-13.35	23.21	46.00	-22.79	Peak	
6	549.9200	32.95	-4.44	28.51	46.00	-17.49	Peak	

Test Mode: TX B MODE CHANNEL 06

**Horizontal**

80 dBuV/m

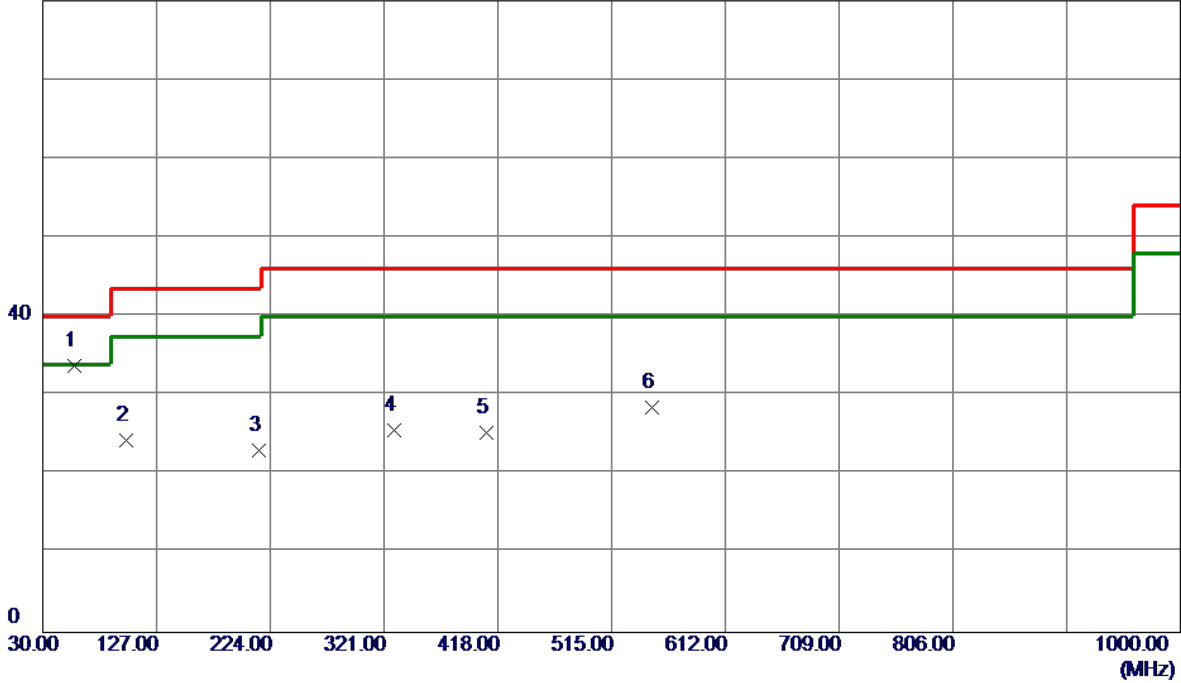


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	177.4400	35.33	-11.35	23.98	43.50	-19.52	Peak	
2	214.3000	37.77	-13.28	24.49	43.50	-19.01	Peak	
3	239.5200	39.87	-13.35	26.52	46.00	-19.48	Peak	
4	359.8000	37.17	-9.17	28.00	46.00	-18.00	Peak	
5	405.3900	36.71	-7.98	28.73	46.00	-17.27	Peak	
6 *	859.3500	29.83	2.13	31.96	46.00	-14.04	Peak	

Test Mode: TX B MODE CHANNEL 11

**Vertical**

80 dBuV/m

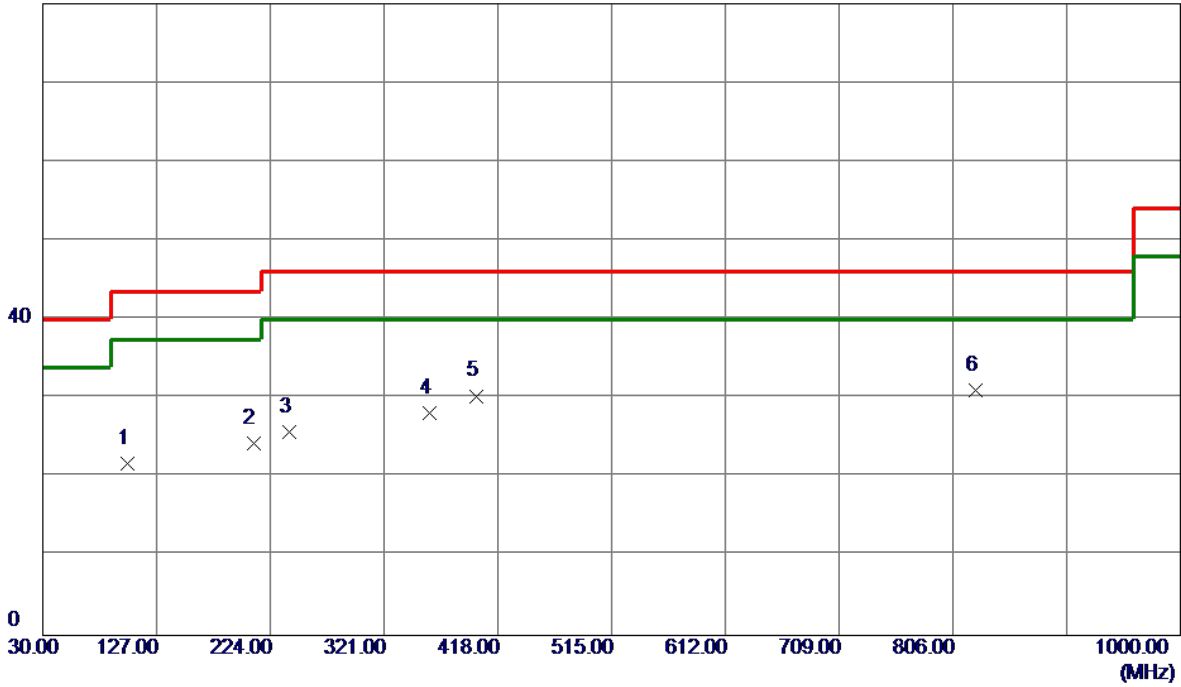


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	57.1600	46.29	-12.54	33.75	40.00	-6.25	Peak	
2	100.8100	41.12	-16.75	24.37	43.50	-19.13	Peak	
3	214.3000	36.33	-13.28	23.05	43.50	-20.45	Peak	
4	329.7300	35.51	-9.91	25.60	46.00	-20.40	Peak	
5	408.3000	33.20	-7.91	25.29	46.00	-20.71	Peak	
6	549.9200	32.97	-4.44	28.53	46.00	-17.47	Peak	

Test Mode: TX B MODE CHANNEL 11

**Horizontal**

80 dBuV/m



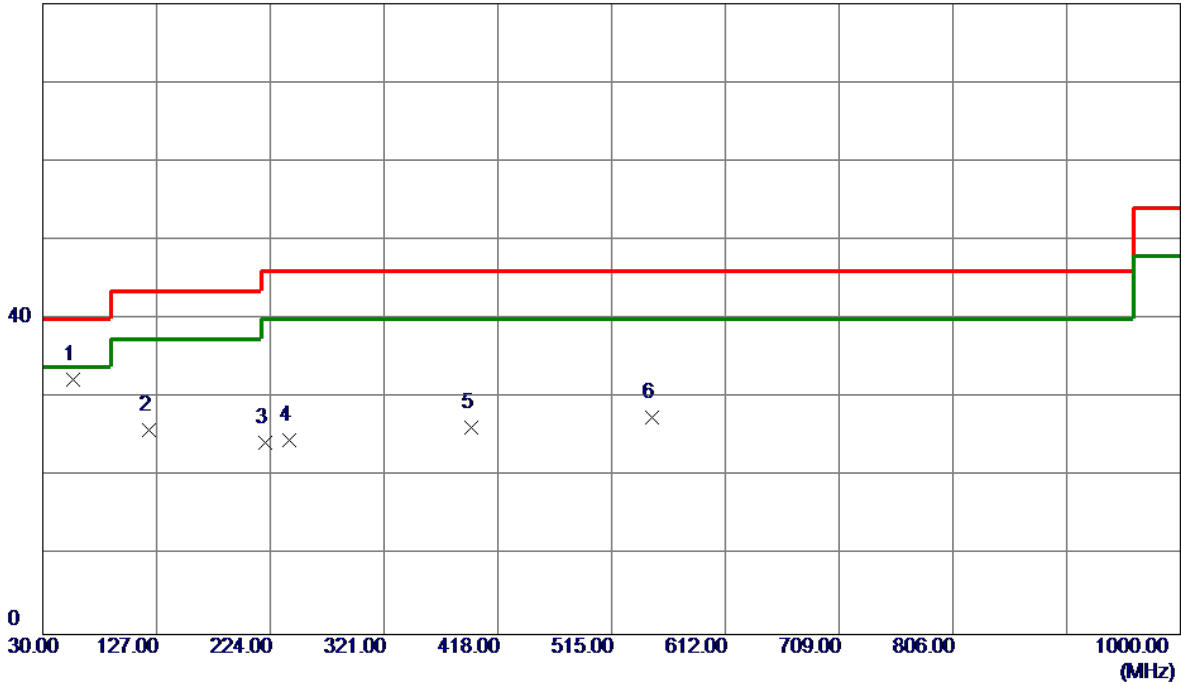
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	101.7800	38.41	-16.58	21.83	43.50	-21.67	Peak	
2	209.4500	37.41	-13.03	24.38	43.50	-19.12	Peak	
3	240.4900	39.09	-13.35	25.74	46.00	-20.26	Peak	
4	359.8000	37.32	-9.17	28.15	46.00	-17.85	Peak	
5	399.5700	38.44	-8.12	30.32	46.00	-15.68	Peak	
6 *	825.4000	29.56	1.42	30.98	46.00	-15.02	Peak	

**ANT 2**

Test Mode: TX B MODE CHANNEL 01

**Vertical**

80 dBuV/m

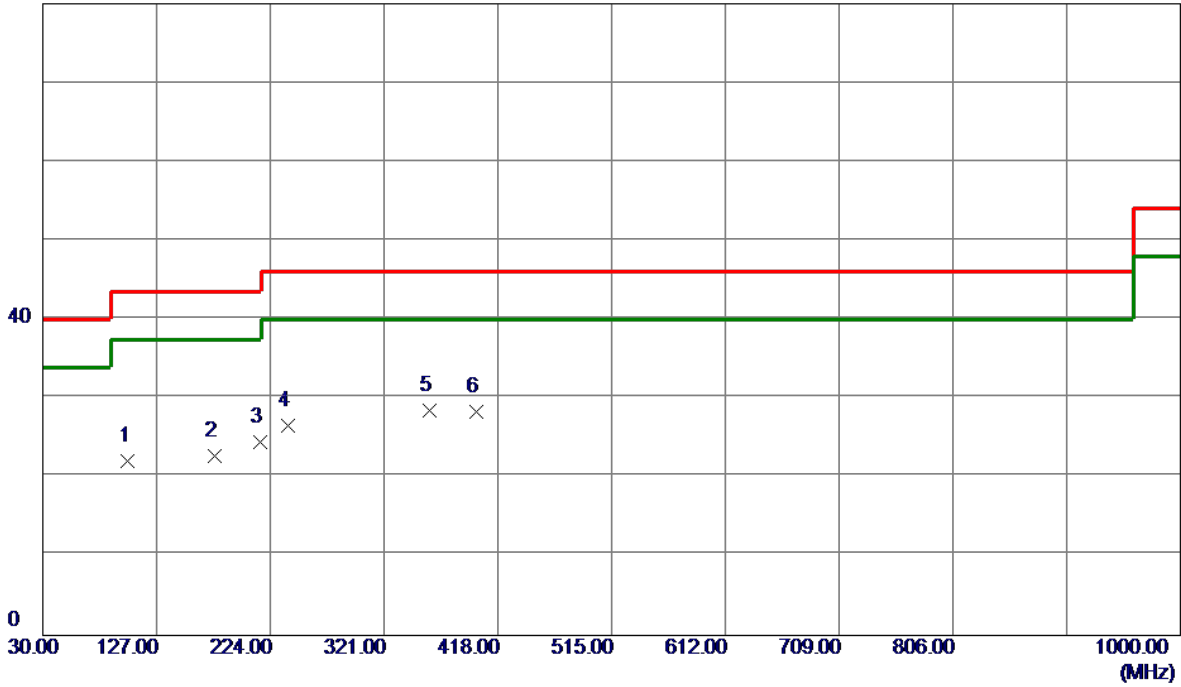


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	56.1900	44.55	-12.26	32.29	40.00	-7.71	Peak	
2	120.2100	39.56	-13.66	25.90	43.50	-17.60	Peak	
3	220.1200	37.78	-13.53	24.25	46.00	-21.75	Peak	
4	240.4900	38.03	-13.35	24.68	46.00	-21.32	Peak	
5	395.6900	34.46	-8.22	26.24	46.00	-19.76	Peak	
6	549.9200	31.92	-4.44	27.48	46.00	-18.52	Peak	

Test Mode: TX B MODE CHANNEL 01

**Horizontal**

80 dBuV/m

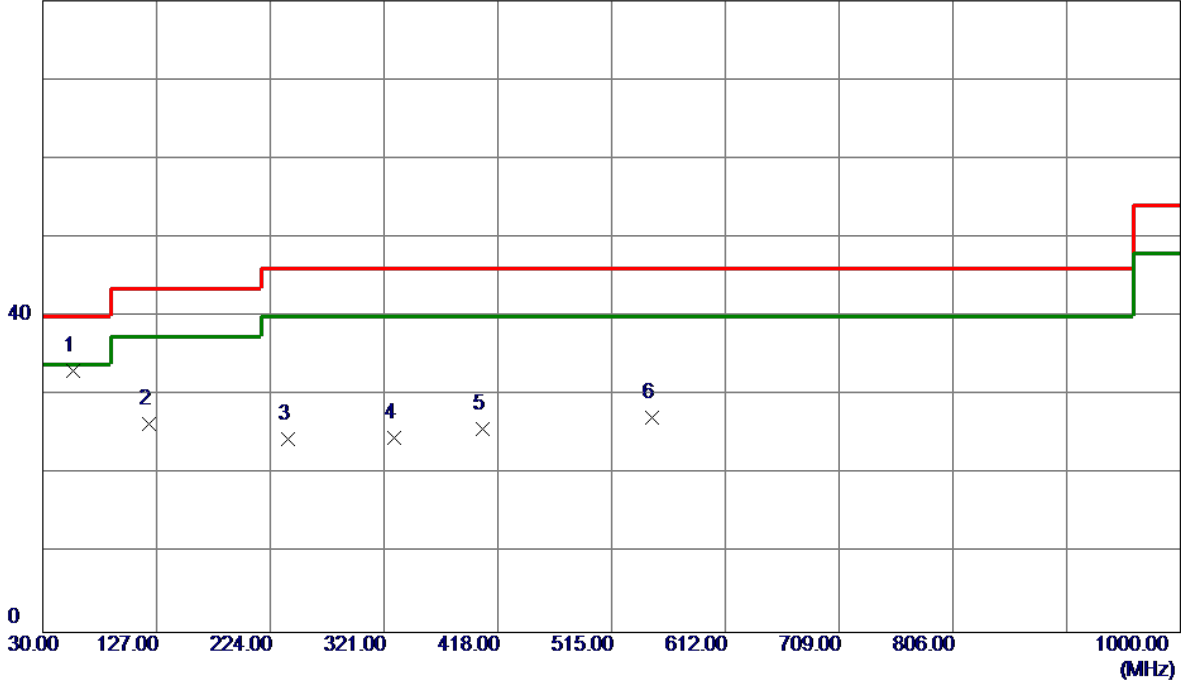


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	102.7500	38.55	-16.41	22.14	43.50	-21.36	Peak	
2	176.4700	33.99	-11.32	22.67	43.50	-20.83	Peak	
3	215.2700	37.76	-13.32	24.44	43.50	-19.06	Peak	
4	239.5200	39.93	-13.35	26.58	46.00	-19.42	Peak	
5 *	359.8000	37.69	-9.17	28.52	46.00	-17.48	Peak	
6	399.5700	36.46	-8.12	28.34	46.00	-17.66	Peak	

Test Mode: TX B MODE CHANNEL 06

**Vertical**

80 dBuV/m



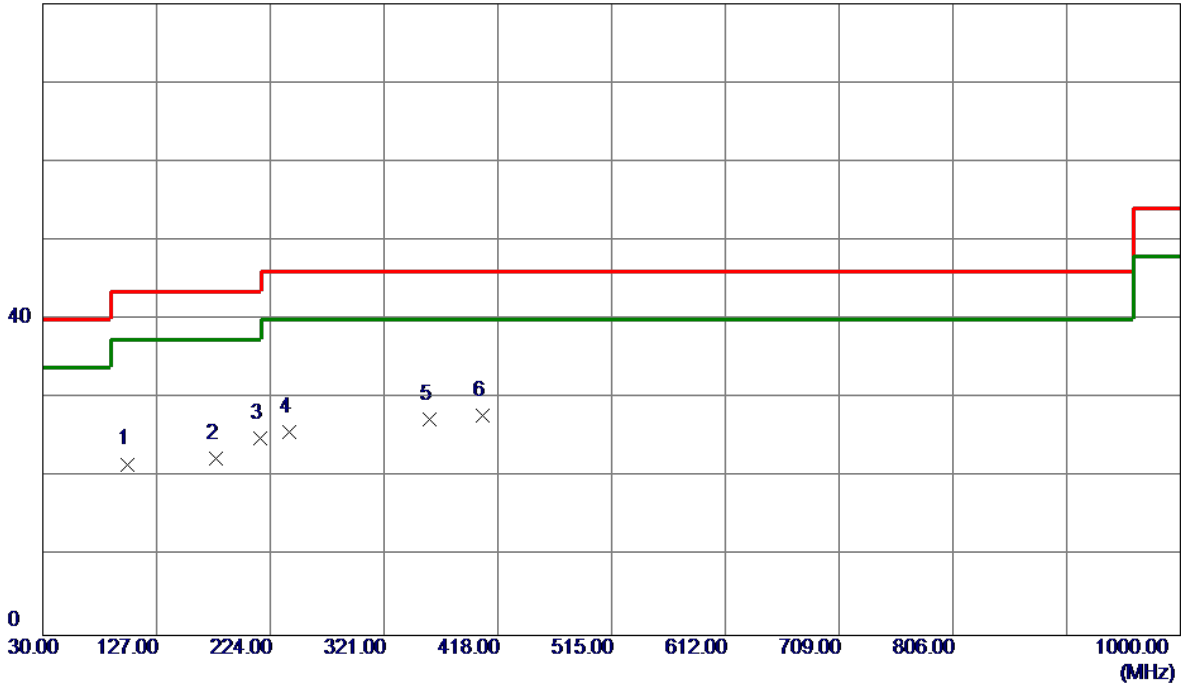
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	56.1900	45.39	-12.26	33.13	40.00	-6.87	Peak	
2	120.2100	40.02	-13.66	26.36	43.50	-17.14	Peak	
3	239.5200	37.85	-13.35	24.50	46.00	-21.50	Peak	
4	329.7300	34.56	-9.91	24.65	46.00	-21.35	Peak	
5	405.3900	33.75	-7.98	25.77	46.00	-20.23	Peak	
6	549.9200	31.65	-4.44	27.21	46.00	-18.79	Peak	



Test Mode: TX B MODE CHANNEL 06

**Horizontal**

80 dBuV/m

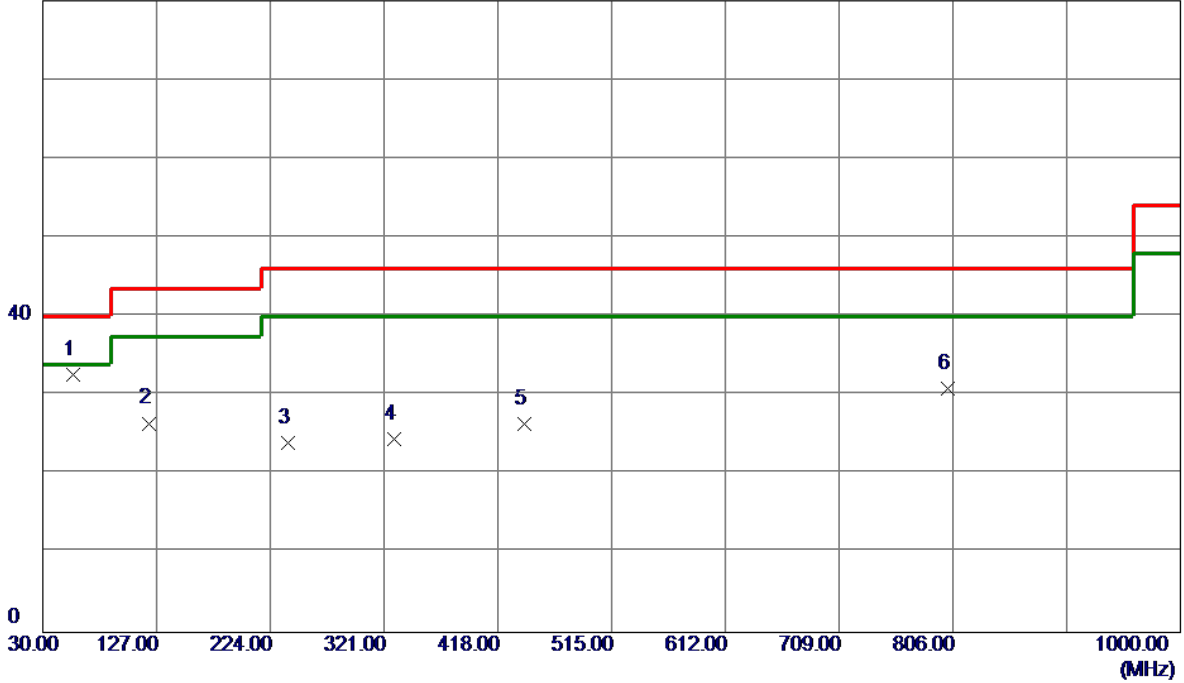


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	101.7800	38.26	-16.58	21.68	43.50	-21.82	Peak	
2	177.4400	33.77	-11.35	22.42	43.50	-21.08	Peak	
3	215.2700	38.35	-13.32	25.03	43.50	-18.47	Peak	
4	240.4900	39.16	-13.35	25.81	46.00	-20.19	Peak	
5	359.8000	36.53	-9.17	27.36	46.00	-18.64	Peak	
6 *	405.3900	35.83	-7.98	27.85	46.00	-18.15	Peak	

Test Mode: TX B MODE CHANNEL 11

**Vertical**

80 dBuV/m

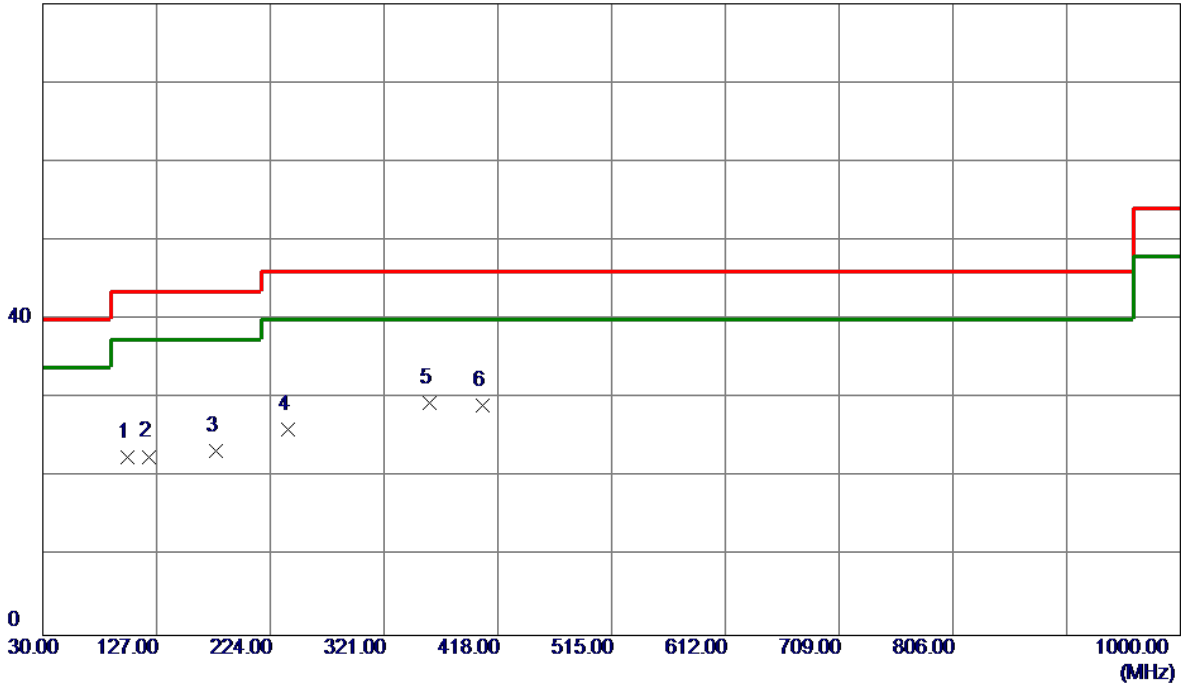


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	56.1900	44.93	-12.26	32.67	40.00	-7.33	Peak	
2	120.2100	40.14	-13.66	26.48	43.50	-17.02	Peak	
3	239.5200	37.34	-13.35	23.99	46.00	-22.01	Peak	
4	329.7300	34.40	-9.91	24.49	46.00	-21.51	Peak	
5	440.3100	33.52	-7.11	26.41	46.00	-19.59	Peak	
6	802.1200	29.98	0.92	30.90	46.00	-15.10	Peak	

Test Mode: TX B MODE CHANNEL 11

**Horizontal**

80 dBuV/m



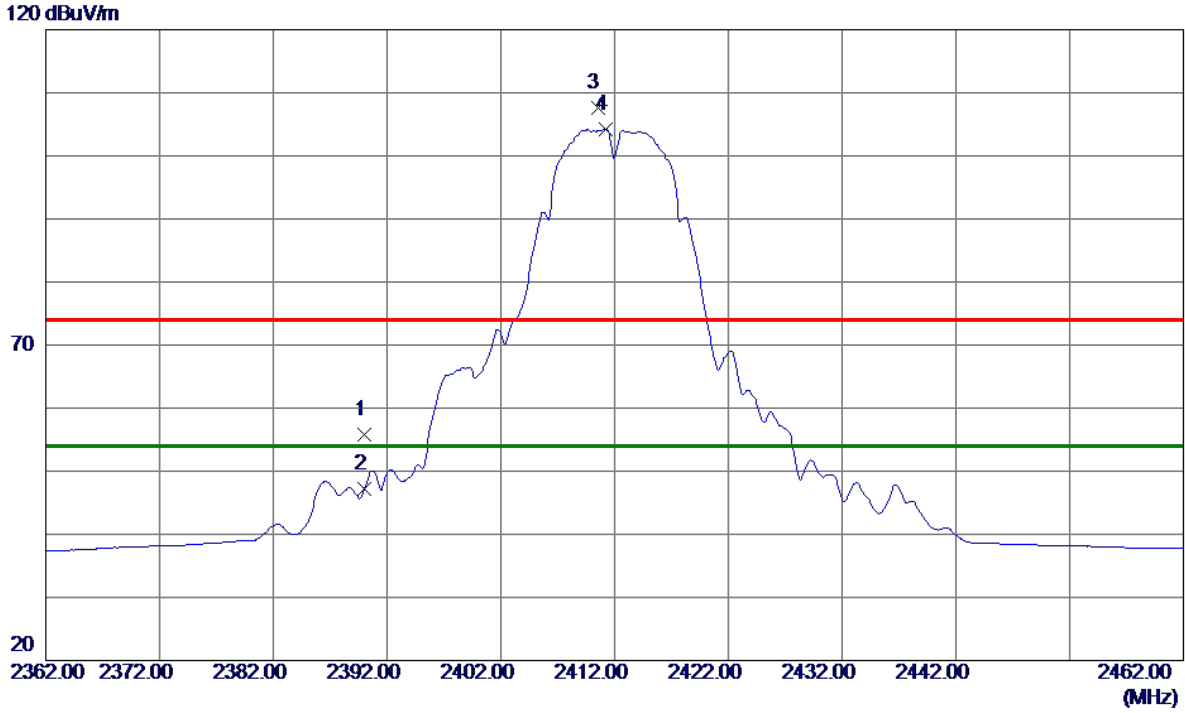
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	101.7800	39.16	-16.58	22.58	43.50	-20.92	Peak	
2	120.2100	36.30	-13.66	22.64	43.50	-20.86	Peak	
3	177.4400	34.76	-11.35	23.41	43.50	-20.09	Peak	
4	239.5200	39.48	-13.35	26.13	46.00	-19.87	Peak	
5 *	359.8000	38.66	-9.17	29.49	46.00	-16.51	Peak	
6	405.3900	37.17	-7.98	29.19	46.00	-16.81	Peak	

## APPENDIX D - RADIATED EMISSION (ABOVE 1000MHZ)

### ANT 1

Orthogonal Axis :	X
Test Mode :	TX B MODE 2412MHz

#### Vertical

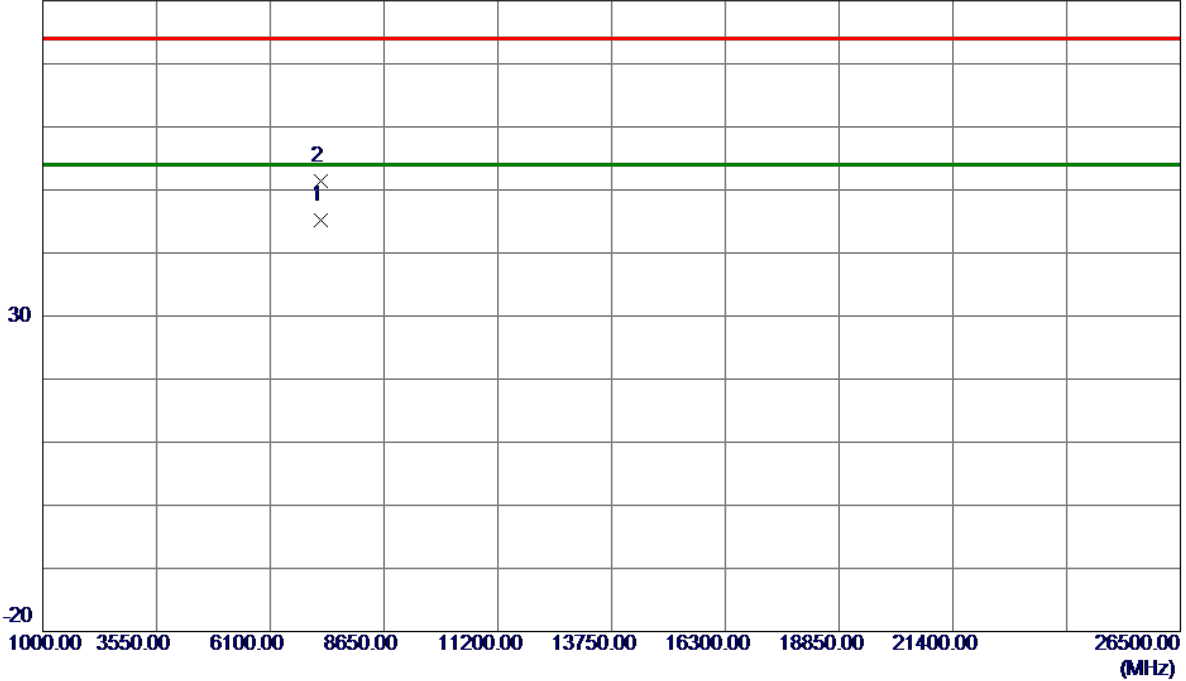


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	46.79	8.99	55.78	74.00	-18.22	Peak	
2	2390.0000	38.19	8.99	47.18	54.00	-6.82	AVG	
3 *	2410.5000	98.46	9.09	107.55	74.00	33.55	Peak	No Limit
4	2411.2000	95.19	9.09	104.28	74.00	30.28	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	TX B MODE 2412MHz

**Vertical**

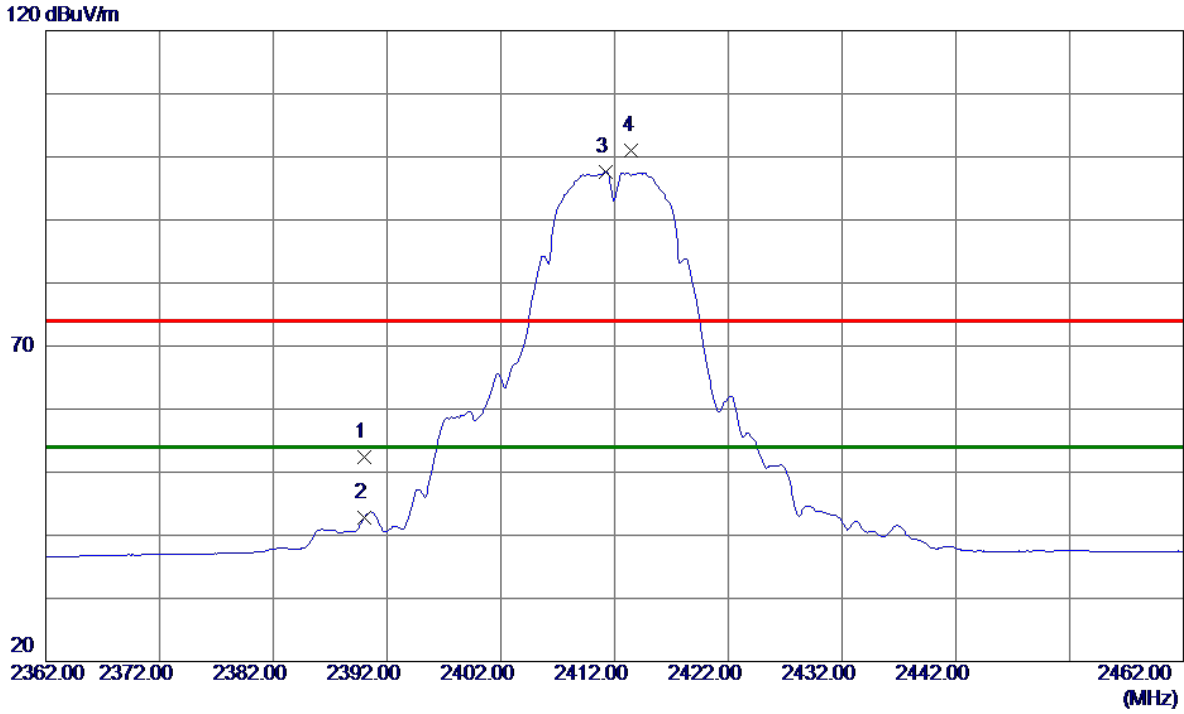
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7235.2000	34.90	10.34	45.24	54.00	-8.76	AVG	
2	7235.9000	41.00	10.34	51.34	74.00	-22.66	Peak	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2412MHz

### Horizontal

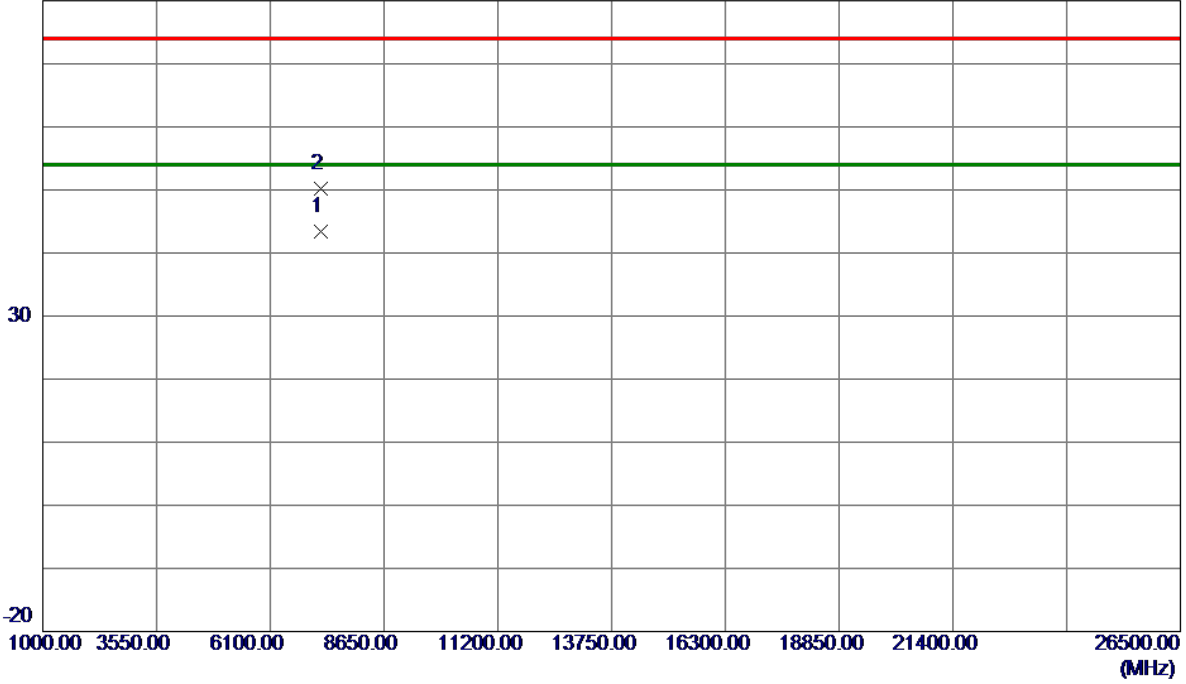


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	43.43	8.99	52.42	74.00	-21.58	Peak	
2	2390.0000	33.86	8.99	42.85	54.00	-11.15	AVG	
3 *	2411.2000	88.46	9.09	97.55	54.00	43.55	AVG	No Limit
4	2413.5000	91.97	9.11	101.08	74.00	27.08	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	TX B MODE 2412MHz

**Horizontal**

80 dBuV/m

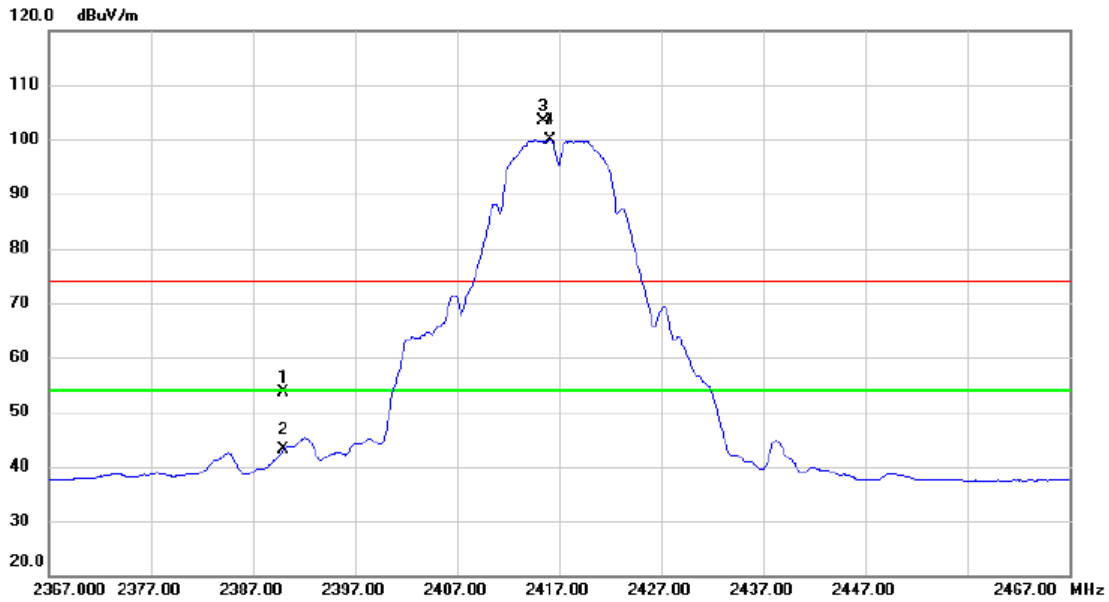


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7235.1500	33.08	10.34	43.42	54.00	-10.58	AVG	
2	7235.7000	39.81	10.34	50.15	74.00	-23.85	Peak	



Orthogonal Axis :	X
Test Mode :	TX B MODE 2417MHz

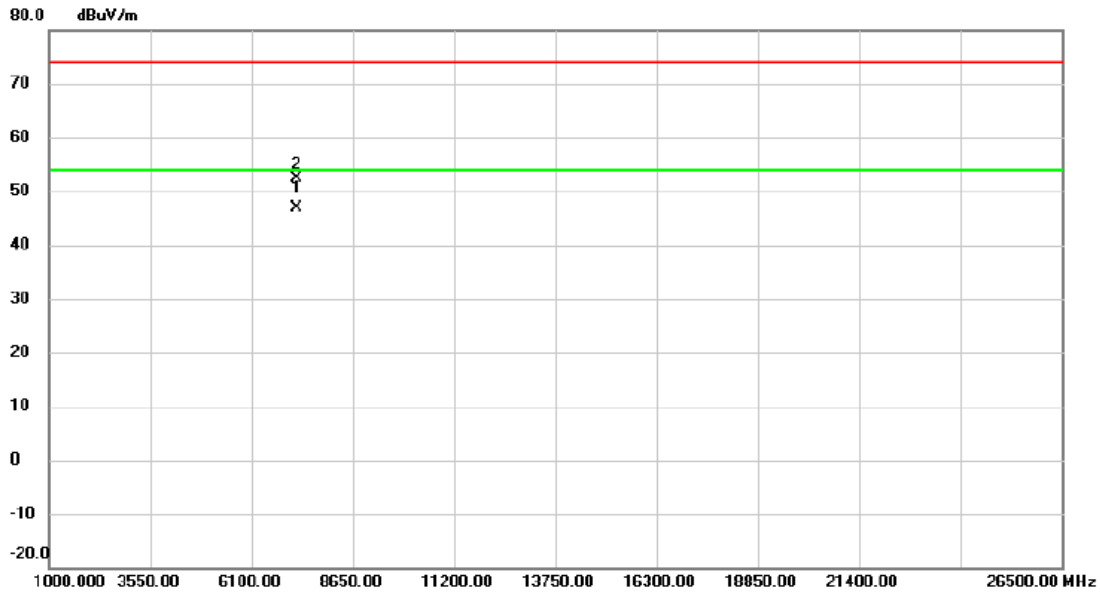
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2390.000	44.57	8.99	53.56	74.00	-20.44	peak	
2		2390.000	34.19	8.99	43.18	54.00	-10.82	AVG	
3	X	2415.400	94.39	9.11	103.50	74.00	29.50	peak	No Limit
4	*	2416.200	90.78	9.11	99.89	54.00	45.89	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	TX B MODE 2417MHz

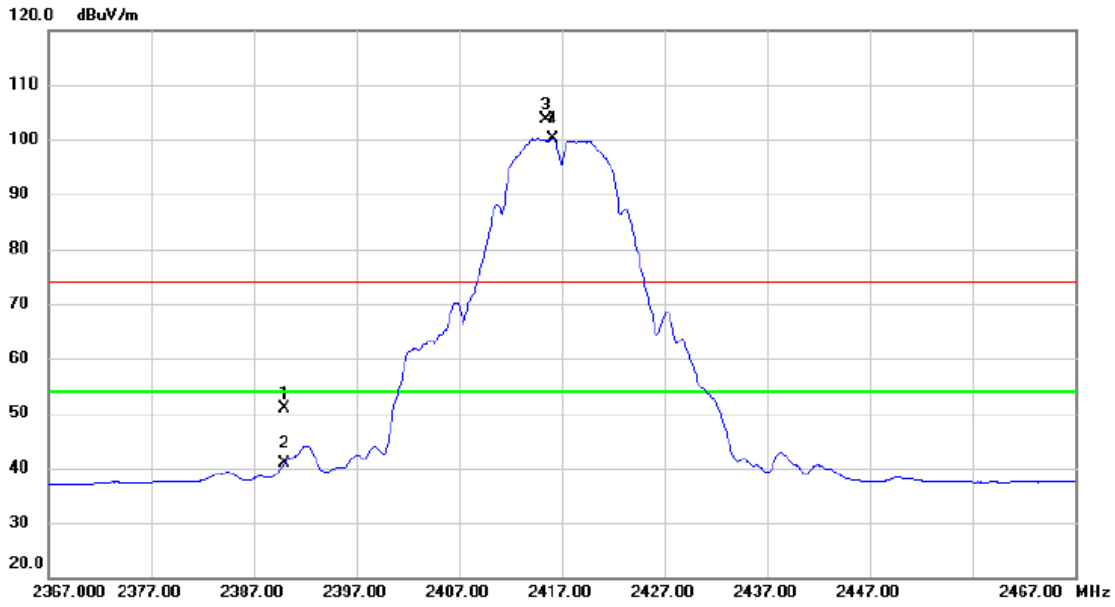
### Vertical



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7250.150	36.59	10.37	46.96	54.00	-7.04	AVG	
2	7252.250	41.90	10.38	52.28	74.00	-21.72	peak	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2417MHz

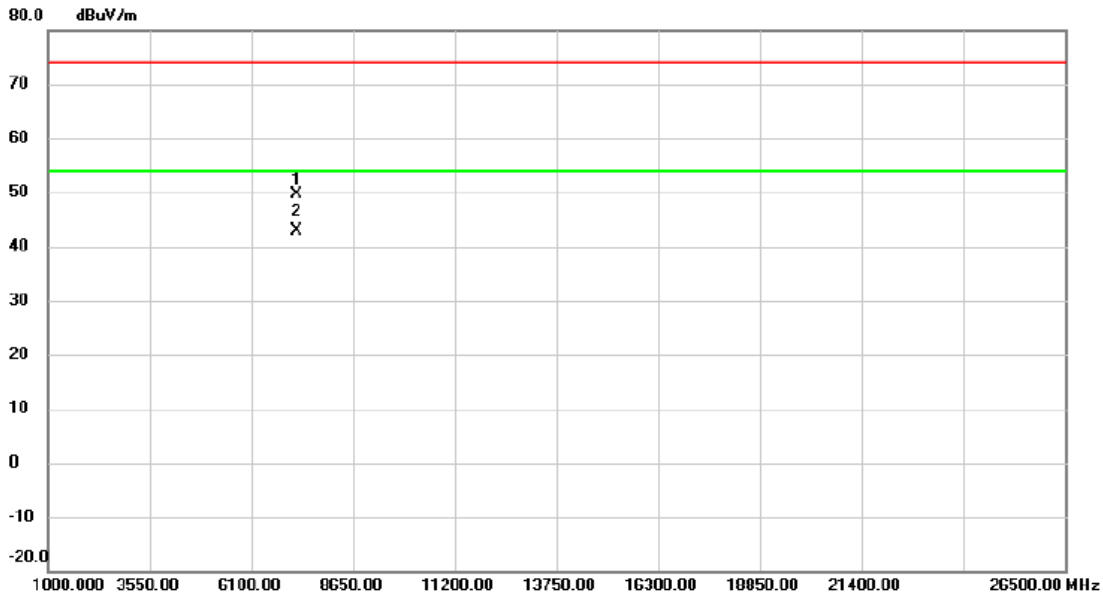
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2390.000	41.97	8.99	50.96	74.00	-23.04	peak	
2		2390.000	31.96	8.99	40.95	54.00	-13.05	AVG	
3	X	2415.500	94.62	9.11	103.73	74.00	29.73	peak	No Limit
4	*	2416.200	91.01	9.11	100.12	54.00	46.12	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	TX B MODE 2417MHz

### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		7249.100	39.37	10.37	49.74	74.00	-24.26	peak	
2	*	7250.300	32.45	10.37	42.82	54.00	-11.18	AVG	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2437MHz

**Vertical**

120 dBuV/m

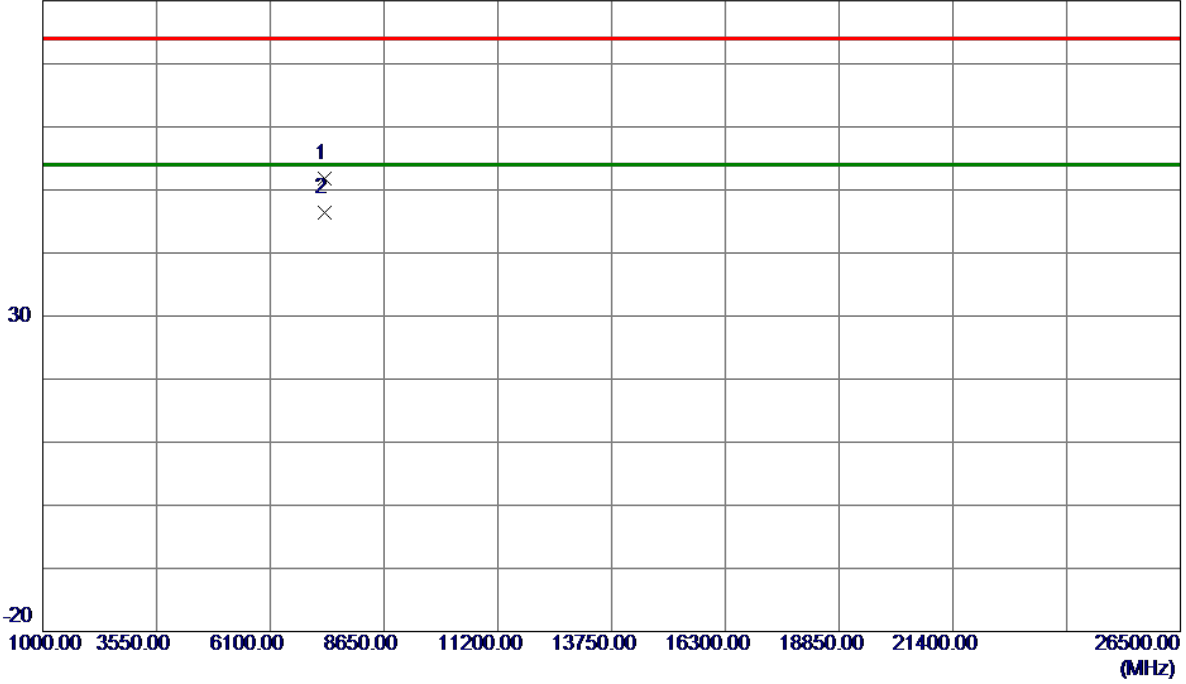


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2435.6000	97.38	9.22	106.60	74.00	32.60	Peak	No Limit
2 *	2436.3000	93.90	9.22	103.12	54.00	49.12	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	TX B MODE 2437MHz

**Vertical**

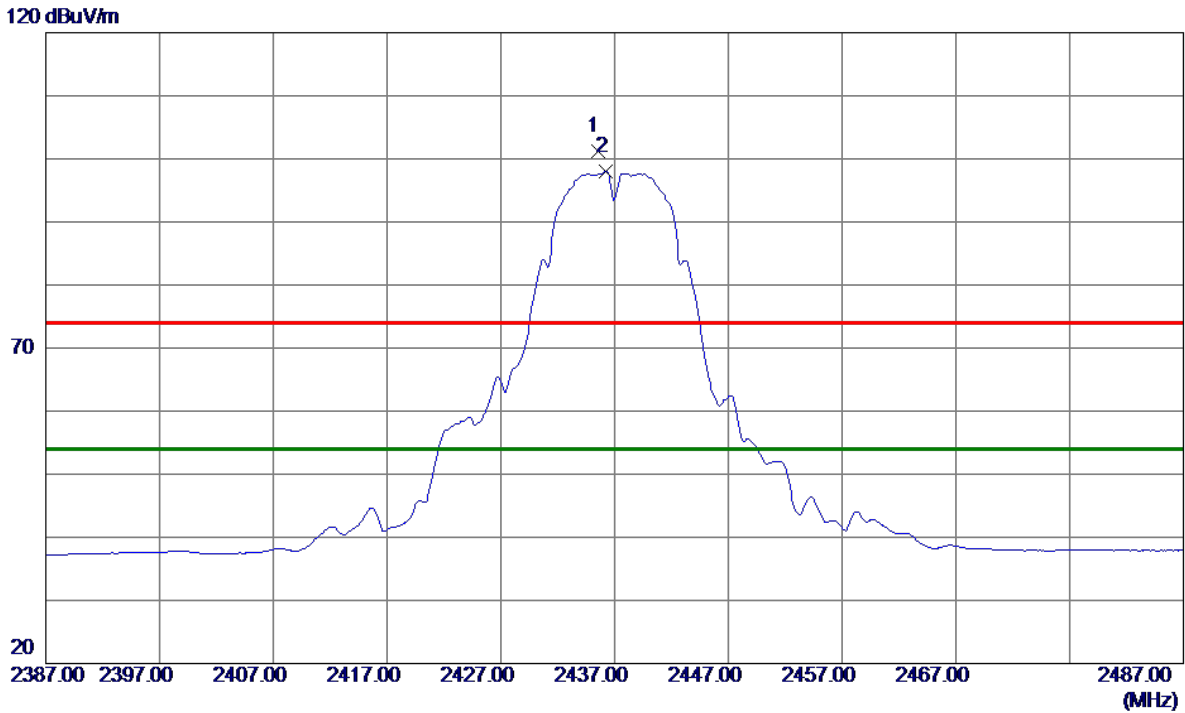
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7310.9700	41.30	10.48	51.78	74.00	-22.22	Peak	
2 *	7311.6900	35.82	10.49	46.31	54.00	-7.69	AVG	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2437MHz

### Horizontal

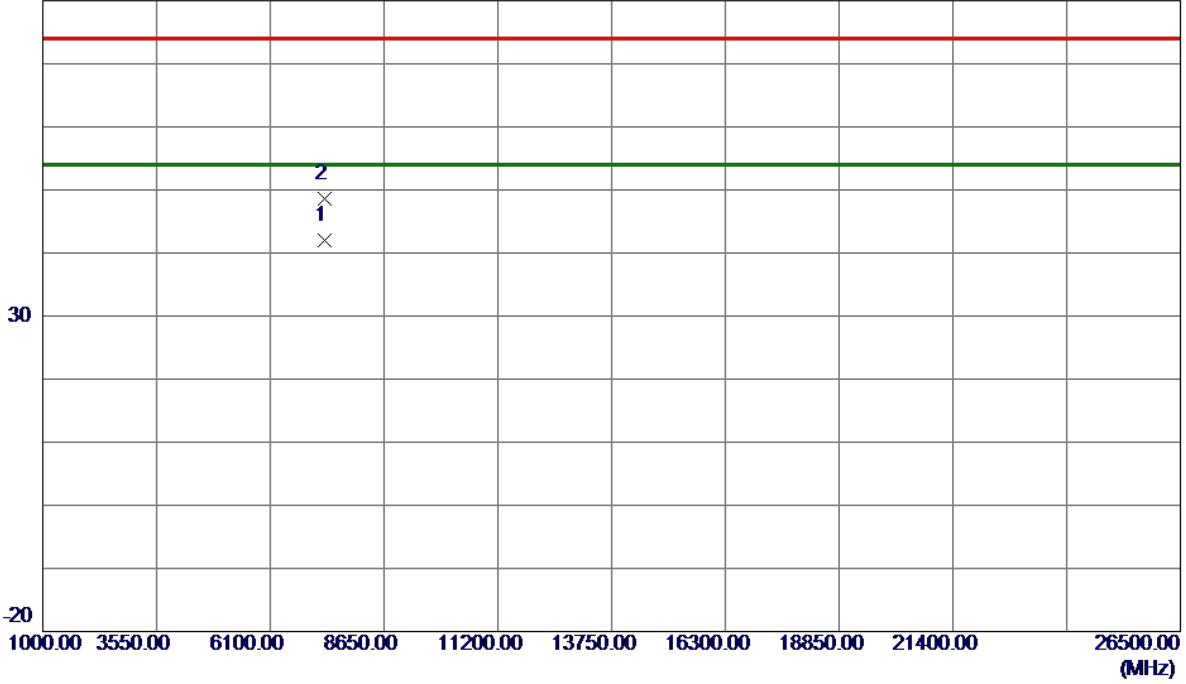


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2435.5000	92.01	9.22	101.23	74.00	27.23	Peak	No Limit
2 *	2436.2000	88.71	9.22	97.93	54.00	43.93	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	TX B MODE 2437MHz

**Horizontal**

80 dBuV/m

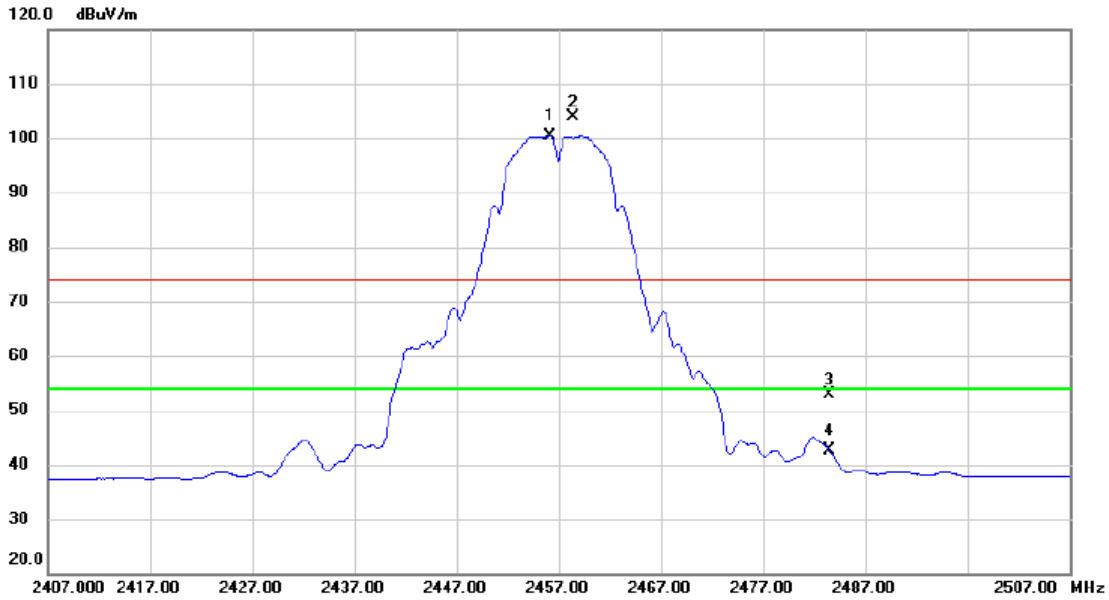


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7311.7000	31.60	10.49	42.09	54.00	-11.91	AVG	
2	7313.3000	38.17	10.49	48.66	74.00	-25.34	Peak	



Orthogonal Axis :	X
Test Mode :	TX B MODE 2457MHz

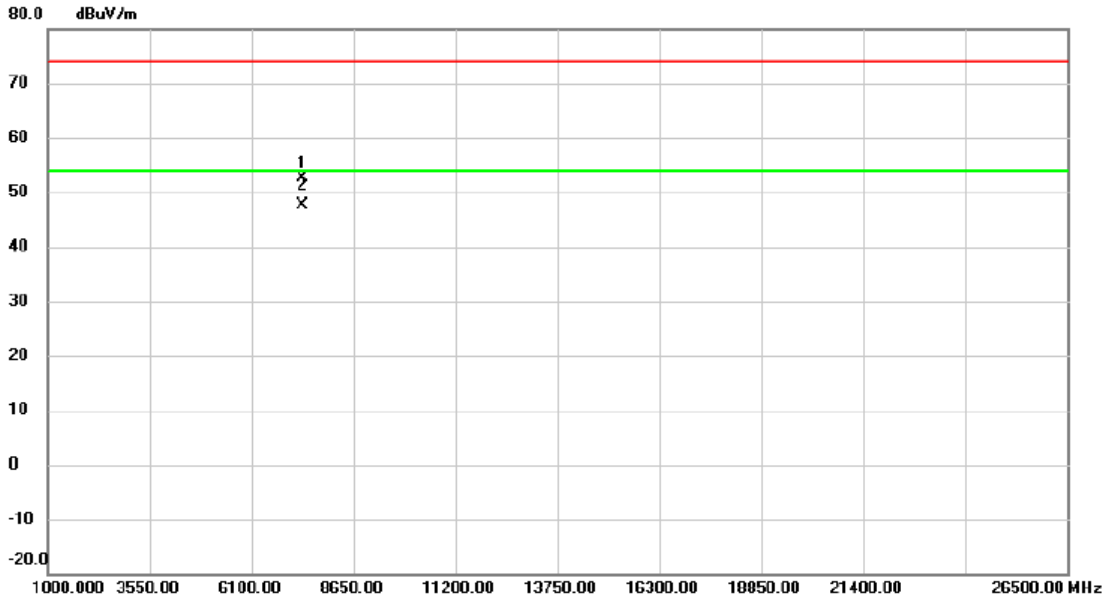
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	2456.200	91.15	9.32	100.47	54.00	46.47	AVG	No Limit
2	X	2458.400	94.59	9.33	103.92	74.00	29.92	peak	No Limit
3		2483.500	43.41	9.45	52.86	74.00	-21.14	peak	
4		2483.500	33.25	9.45	42.70	54.00	-11.30	AVG	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2457MHz

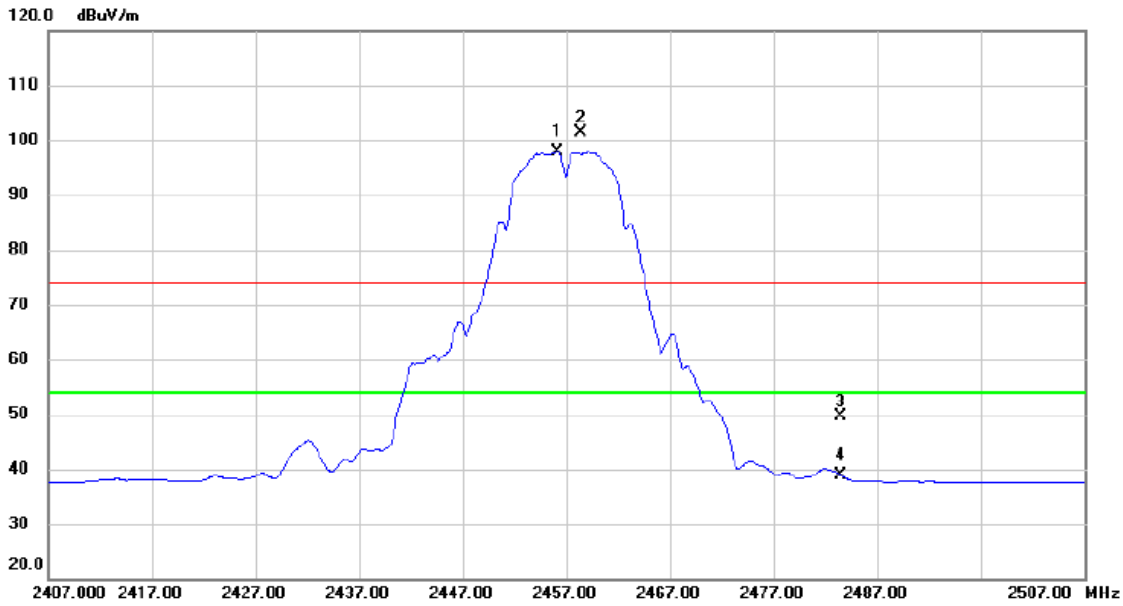
**Vertical**



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		7369.650	42.03	10.60	52.63	74.00	-21.37	peak	
2	*	7370.150	36.91	10.60	47.51	54.00	-6.49	AVG	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2457MHz

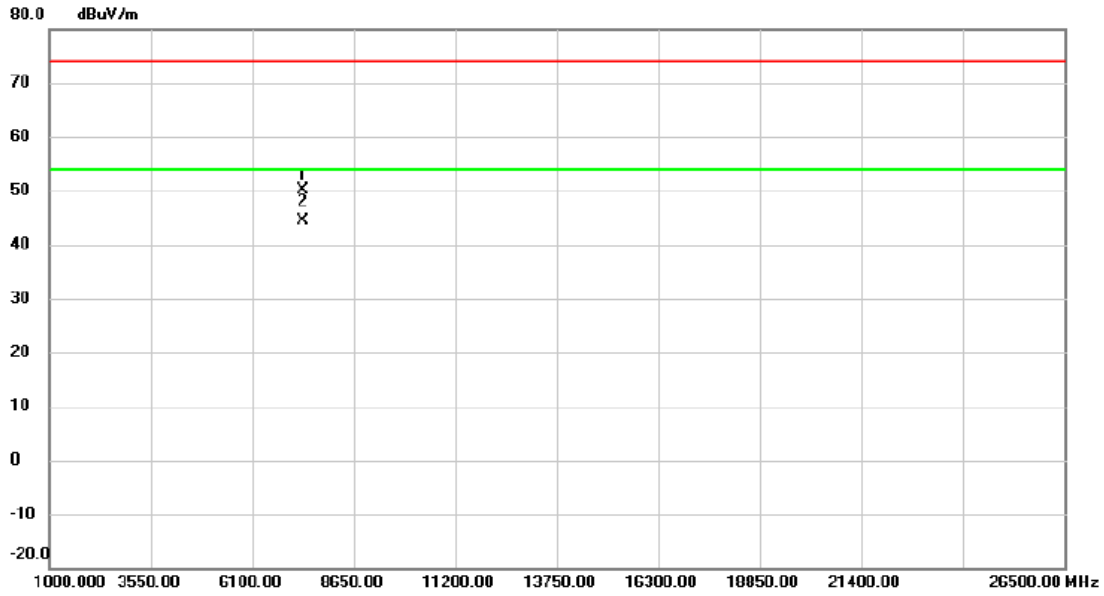
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	2456.200	88.56	9.32	97.88	54.00	43.88	AVG	No Limit
2	X	2458.400	92.03	9.33	101.36	74.00	27.36	peak	No Limit
3		2483.500	40.18	9.45	49.63	74.00	-24.37	peak	
4		2483.500	29.45	9.45	38.90	54.00	-15.10	AVG	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2457MHz

### Horizontal

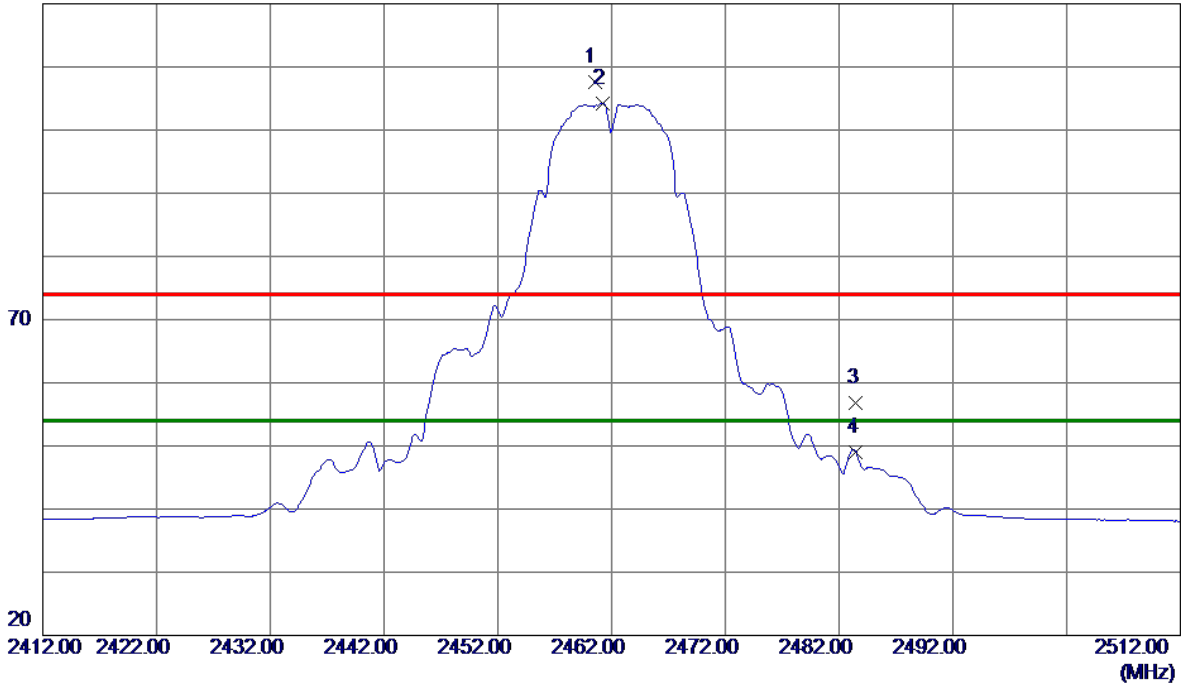


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		7370.950	39.64	10.59	50.23	74.00	-23.77	peak	
2	*	7371.700	33.88	10.59	44.47	54.00	-9.53	AVG	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2462MHz

**Vertical**

120 dBuV/m

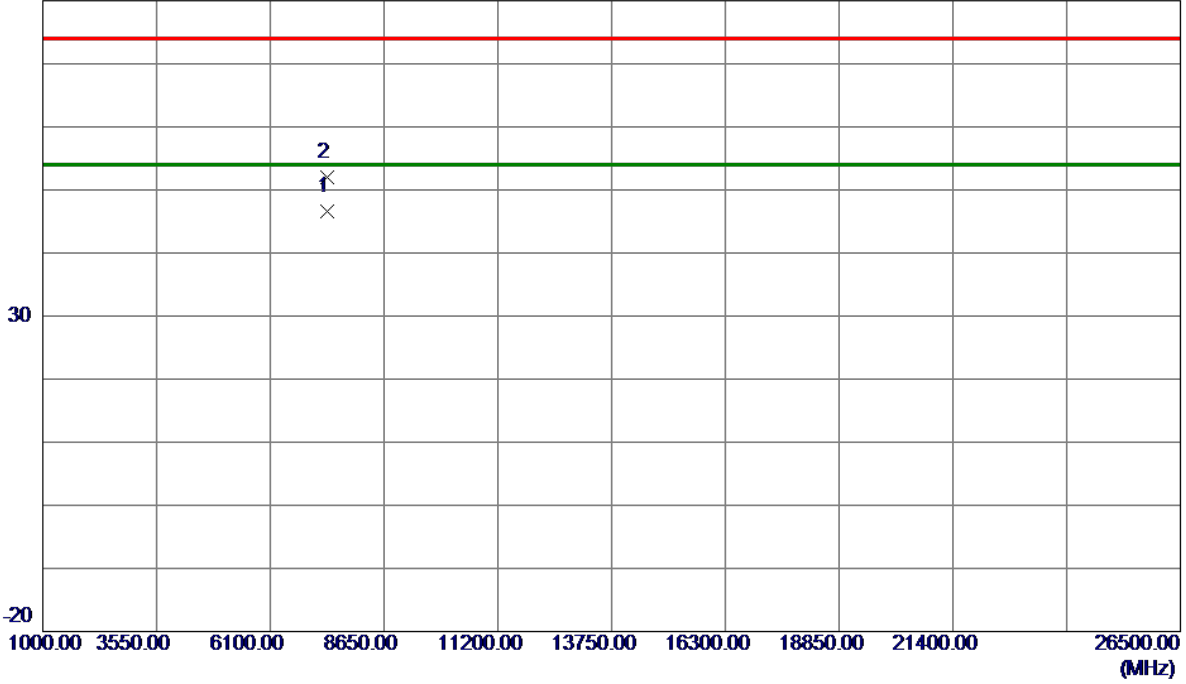


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2460.5000	98.18	9.34	107.52	74.00	33.52	Peak	No Limit
2 *	2461.2000	94.90	9.35	104.25	54.00	50.25	AVG	No Limit
3	2483.5000	47.25	9.46	56.71	74.00	-17.29	Peak	
4	2483.5000	39.51	9.46	48.97	54.00	-5.03	AVG	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2462MHz

**Vertical**

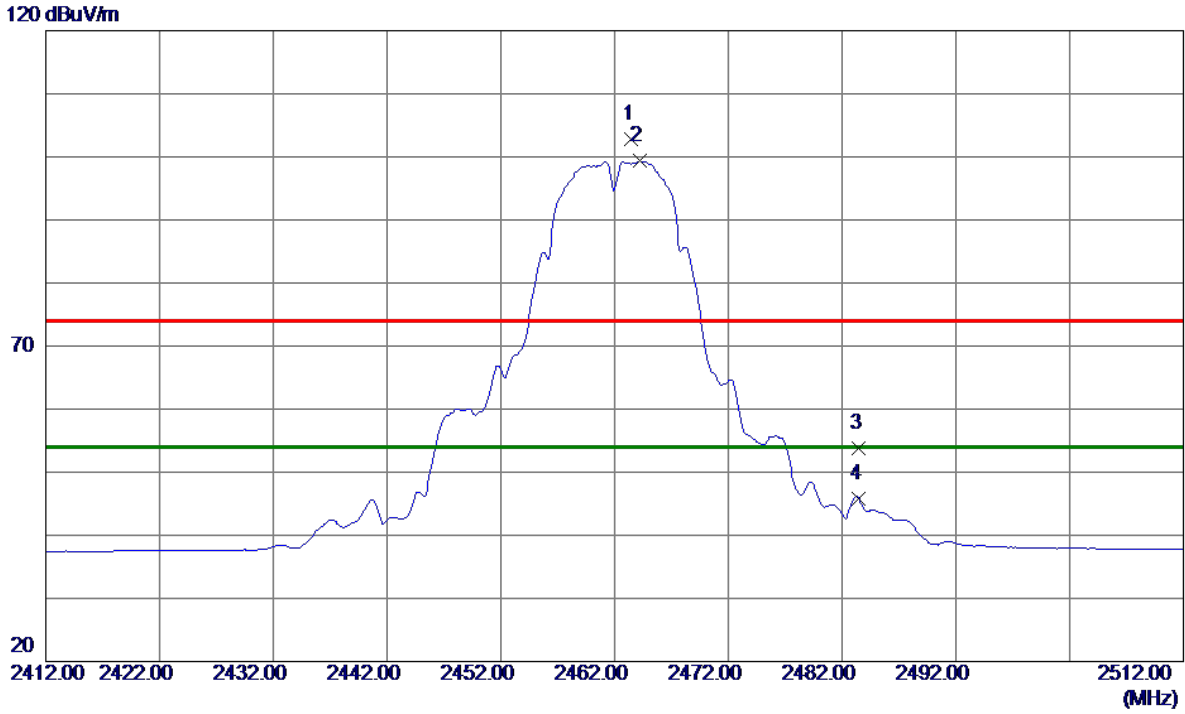
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7386.6500	35.89	10.63	46.52	54.00	-7.48	AVG	
2	7387.0500	41.30	10.63	51.93	74.00	-22.07	Peak	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2462MHz

### Horizontal

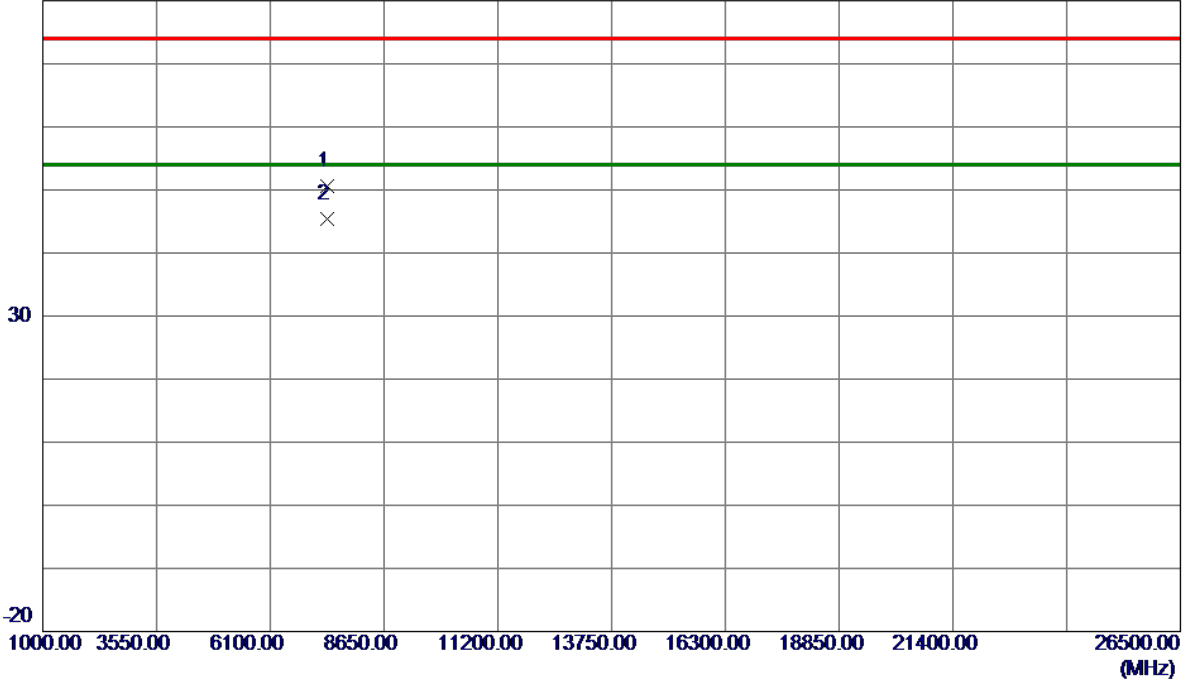


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2463.5000	93.41	9.36	102.77	74.00	28.77	Peak	No Limit
2 *	2464.2000	89.95	9.36	99.31	54.00	45.31	AVG	No Limit
3	2483.5000	44.39	9.46	53.85	74.00	-20.15	Peak	
4	2483.5000	36.33	9.46	45.79	54.00	-8.21	AVG	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2462MHz

**Horizontal**

80 dBuV/m



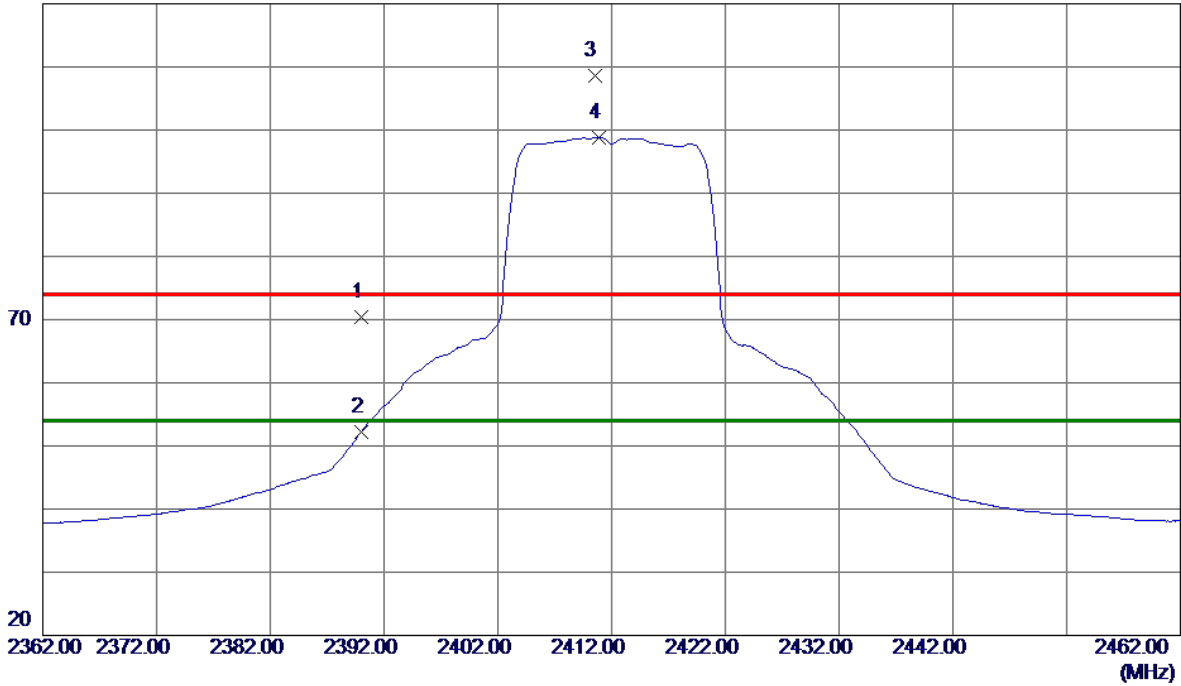
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7384.8500	39.91	10.62	50.53	74.00	-23.47	Peak	
2 *	7386.6000	34.70	10.63	45.33	54.00	-8.67	AVG	



Orthogonal Axis :	X
Test Mode :	TX G MODE 2412MHz

**Vertical**

120 dBuV/m

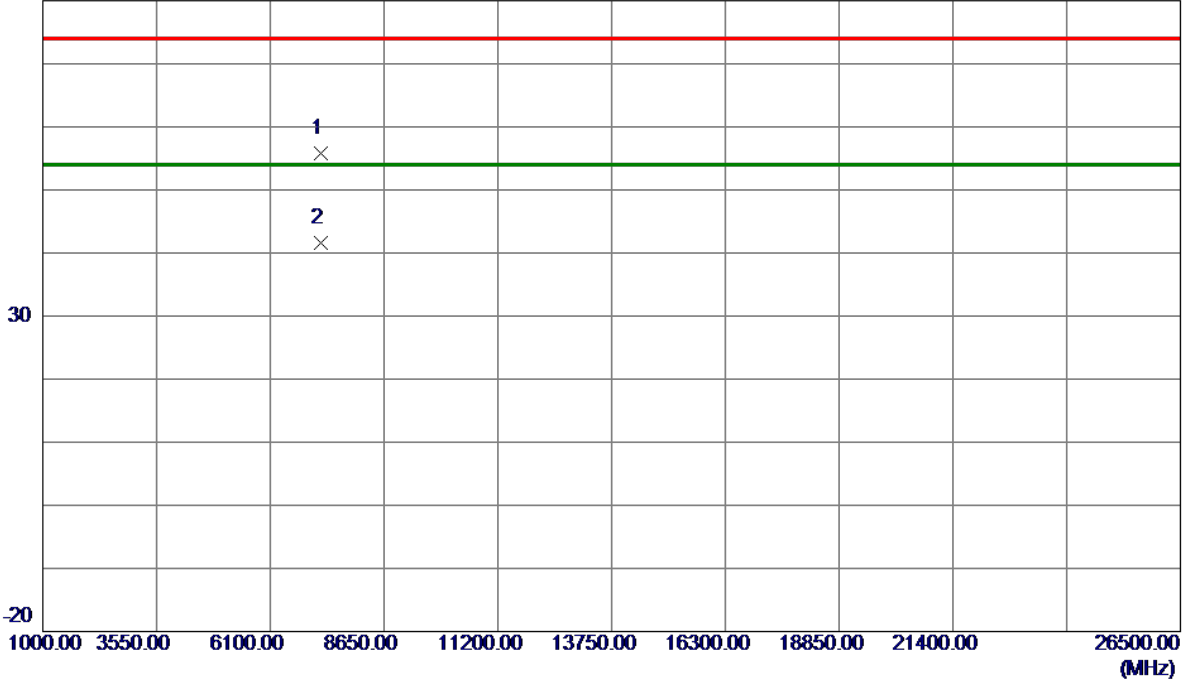


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	61.35	8.99	70.34	74.00	-3.66	Peak	
2	2390.0000	43.29	8.99	52.28	54.00	-1.72	AVG	
3	2410.5000	99.48	9.09	108.57	74.00	34.57	Peak	No Limit
4 *	2410.9000	89.75	9.09	98.84	54.00	44.84	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	TX G MODE 2412MHz

**Vertical**

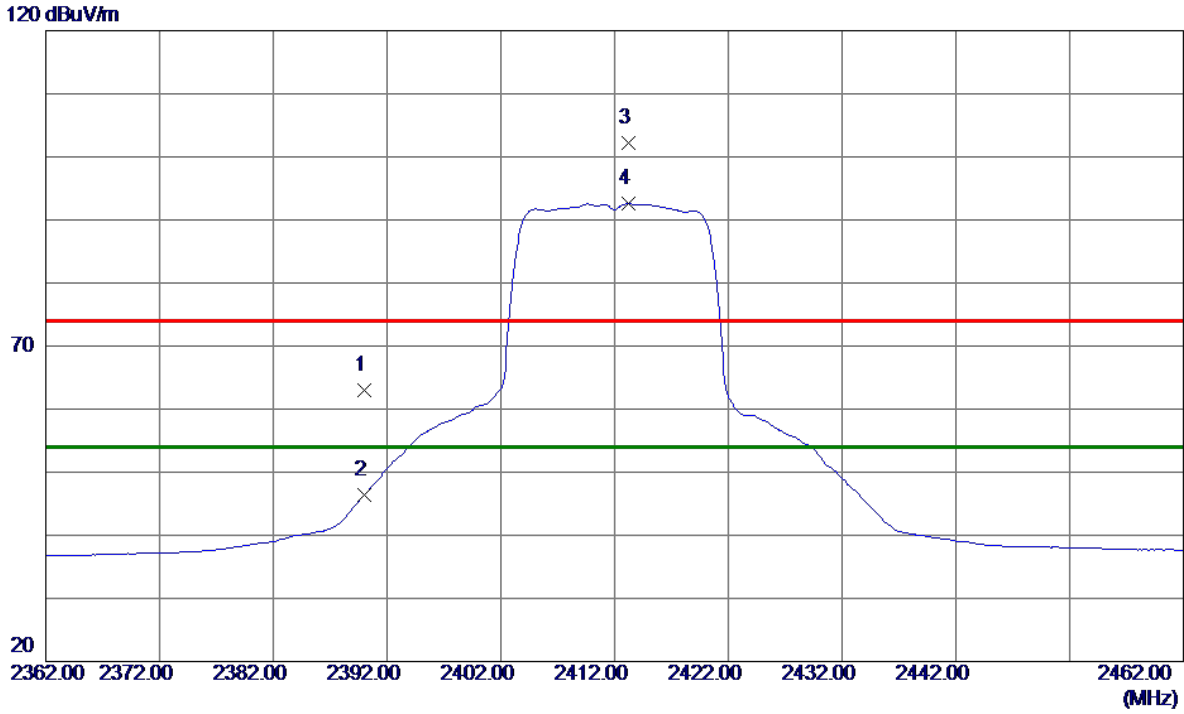
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7227.6500	45.56	10.33	55.89	74.00	-18.11	Peak	
2 *	7233.2000	31.18	10.34	41.52	54.00	-12.48	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2412MHz

### Horizontal

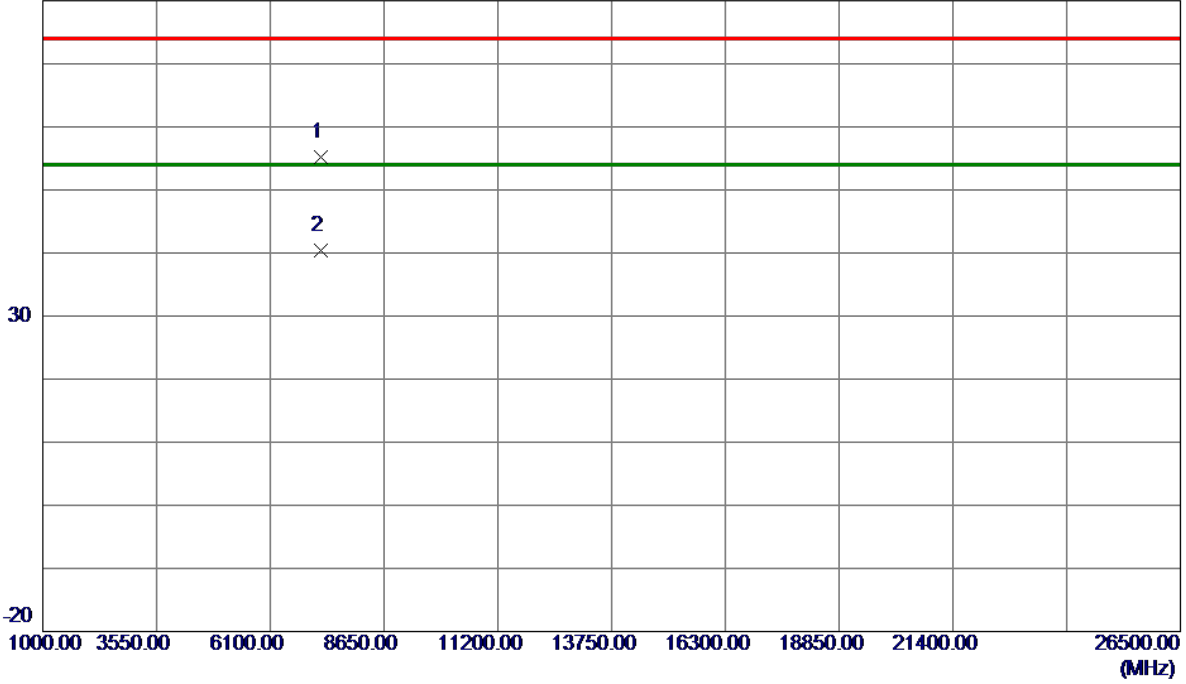


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	54.04	8.99	63.03	74.00	-10.97	Peak	
2	2390.0000	37.41	8.99	46.40	54.00	-7.60	AVG	
3	2413.2000	93.11	9.10	102.21	74.00	28.21	Peak	No Limit
4 *	2413.2000	83.44	9.10	92.54	54.00	38.54	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	TX G MODE 2412MHz

### Horizontal

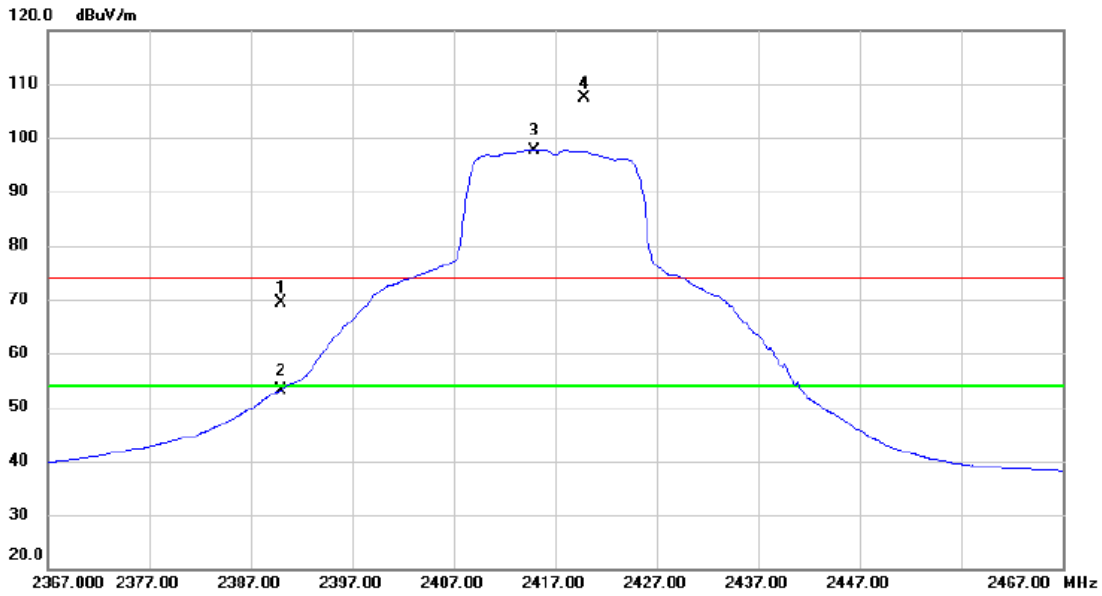
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7227.3500	44.88	10.33	55.21	74.00	-18.79	Peak	
2 *	7233.2500	30.01	10.34	40.35	54.00	-13.65	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2417MHz

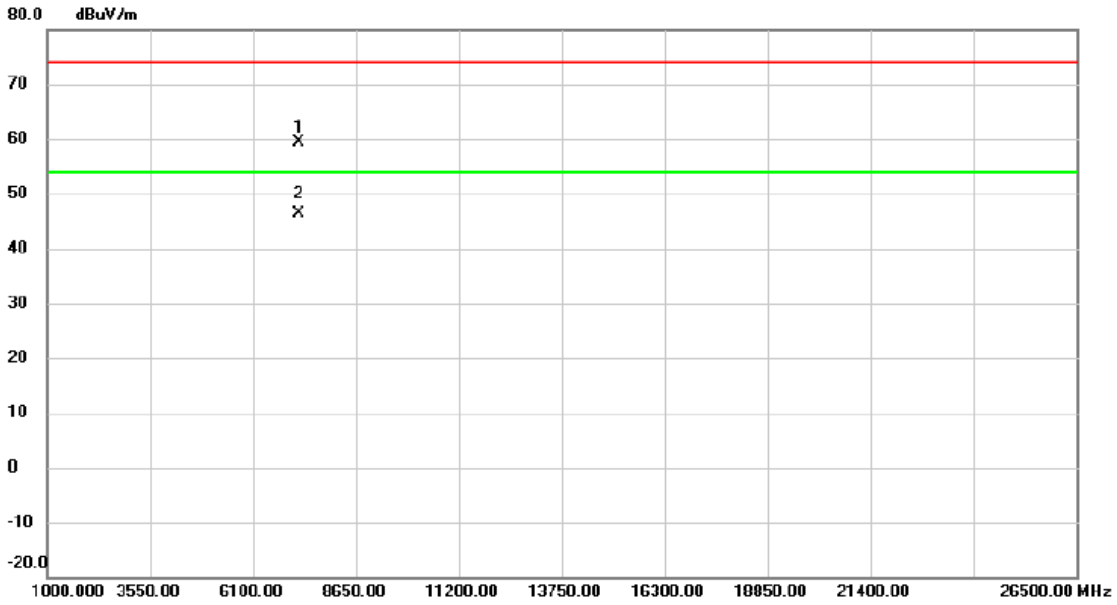
### Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		2390.000	60.41	8.99	69.40	74.00	-4.60	peak	
2		2390.000	44.23	8.99	53.22	54.00	-0.78	AVG	
3	*	2414.900	88.61	9.11	97.72	54.00	43.72	AVG	No Limit
4	X	2419.900	98.21	9.14	107.35	74.00	33.35	peak	No Limit

Orthogonal Axis :	X
Test Mode :	TX G MODE 2417MHz

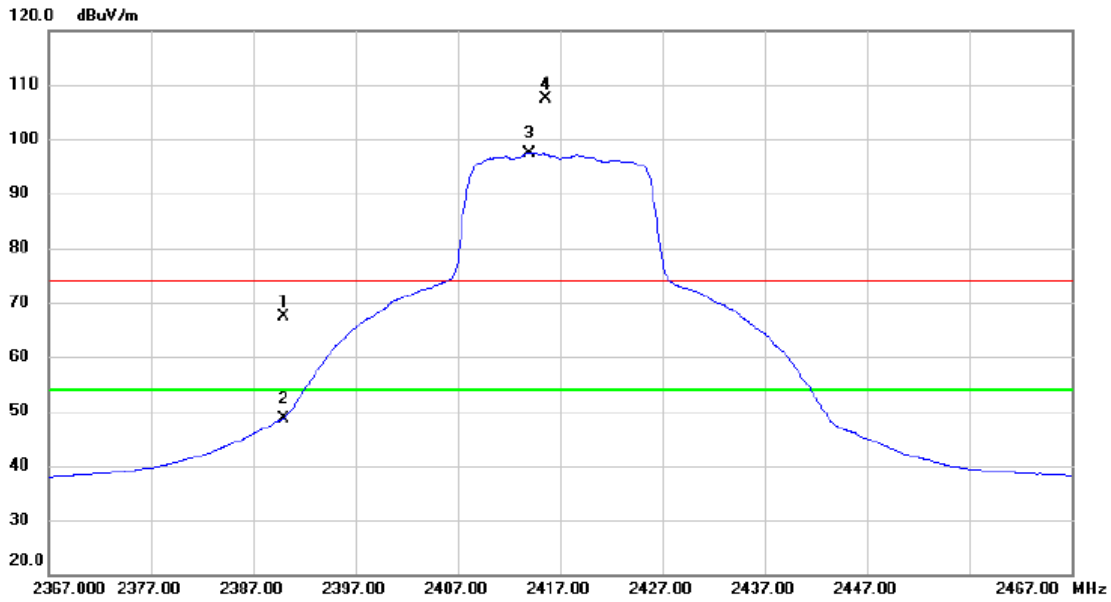
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		7247.800	49.09	10.36	59.45	74.00	-14.55	peak	
2	*	7250.250	36.04	10.37	46.41	54.00	-7.59	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2417MHz

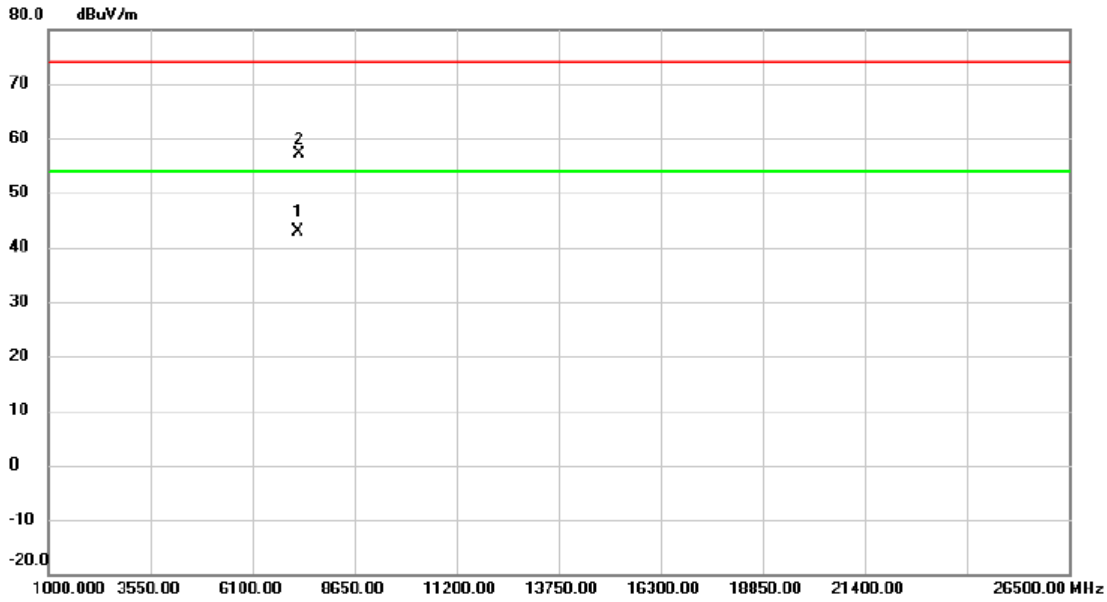
**Horizontal**



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2390.000	58.41	8.99	67.40	74.00	-6.60	peak	
2		2390.000	39.75	8.99	48.74	54.00	-5.26	AVG	
3	*	2414.000	88.21	9.11	97.32	54.00	43.32	AVG	No Limit
4	X	2415.600	98.21	9.11	107.32	74.00	33.32	peak	No Limit

Orthogonal Axis :	X
Test Mode :	TX G MODE 2417MHz

### Horizontal

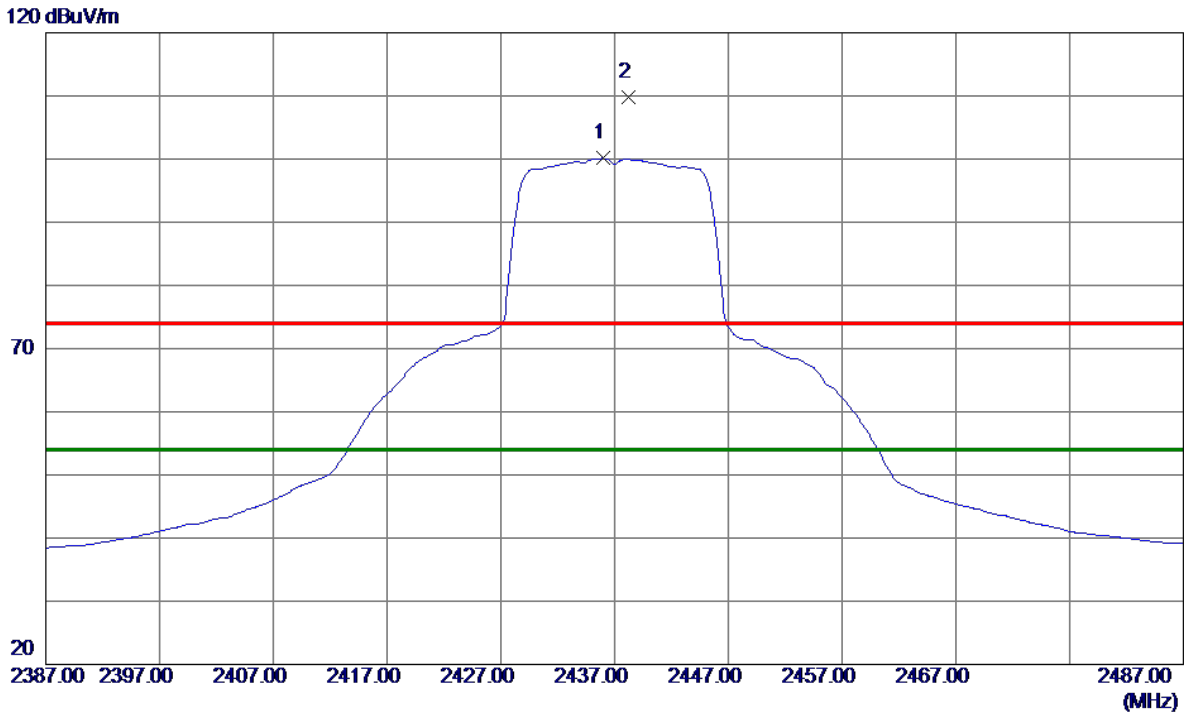


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	7252.900	32.40	10.38	42.78	54.00	-11.22	AVG	
2		7257.300	46.68	10.38	57.06	74.00	-16.94	peak	



Orthogonal Axis :	X
Test Mode :	TX G MODE 2437MHz

**Vertical**

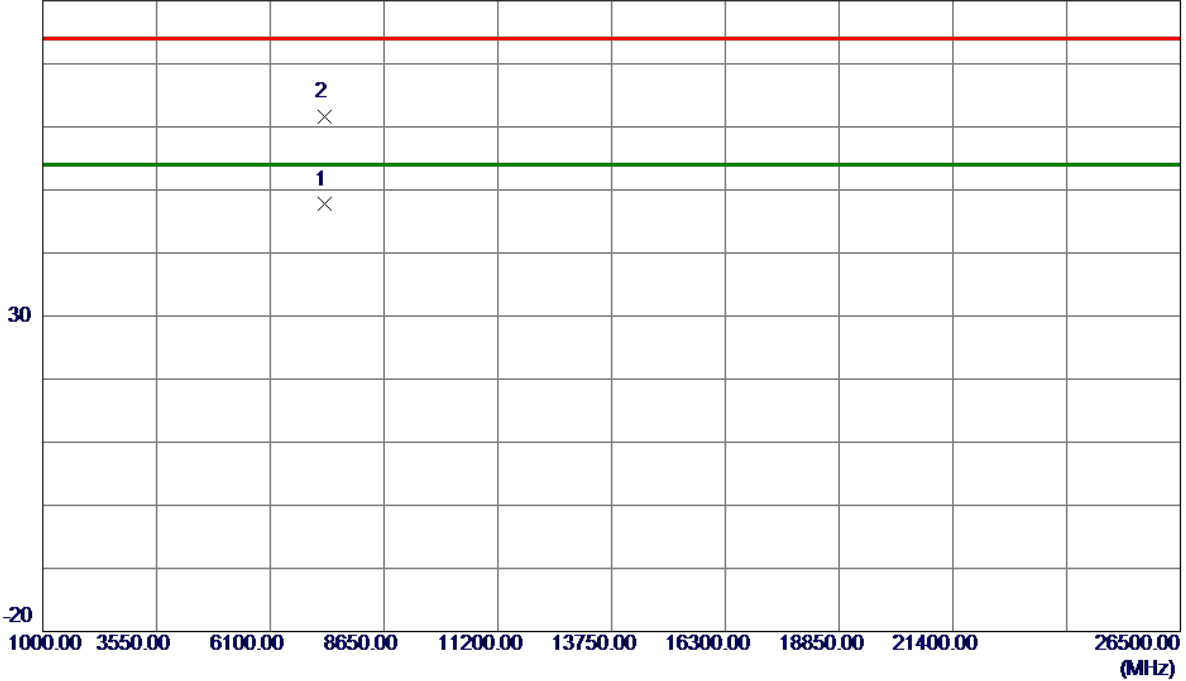


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2436.0000	90.89	9.22	100.11	54.00	46.11	AVG	No Limit
2	2438.2000	100.50	9.23	109.73	74.00	35.73	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	TX G MODE 2437MHz

**Vertical**

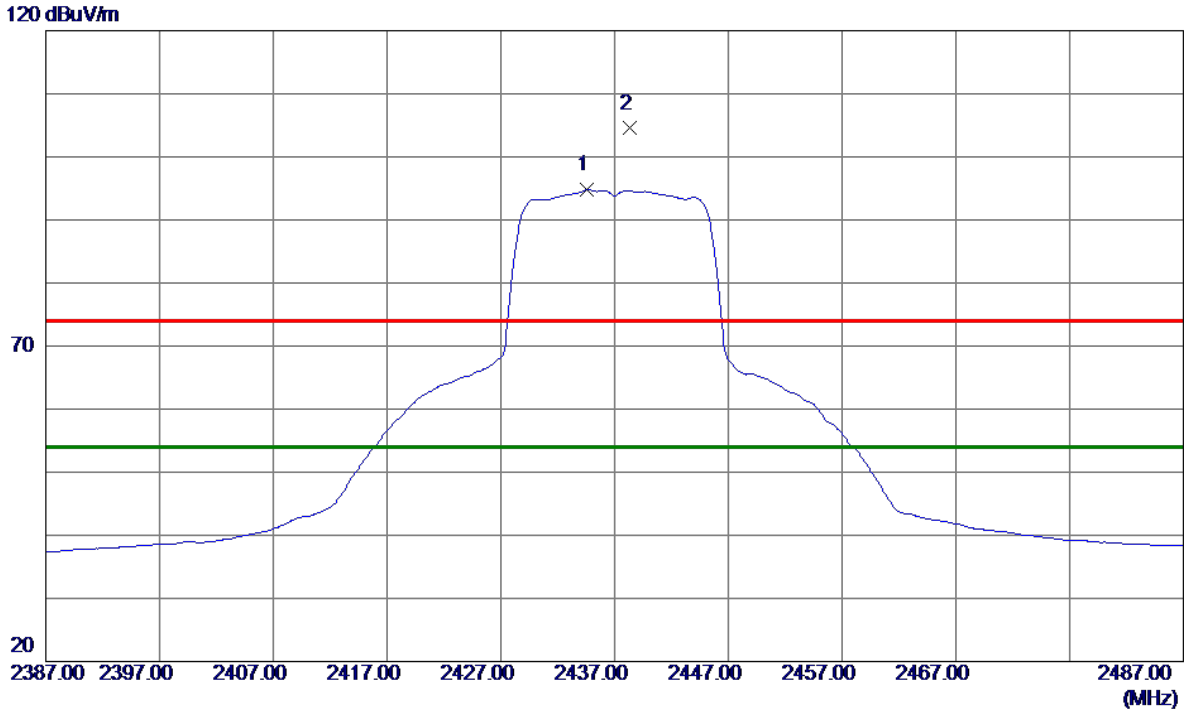
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7310.2500	37.22	10.48	47.70	54.00	-6.30	AVG	
2	7317.4100	51.09	10.50	61.59	74.00	-12.41	Peak	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2437MHz

### Horizontal

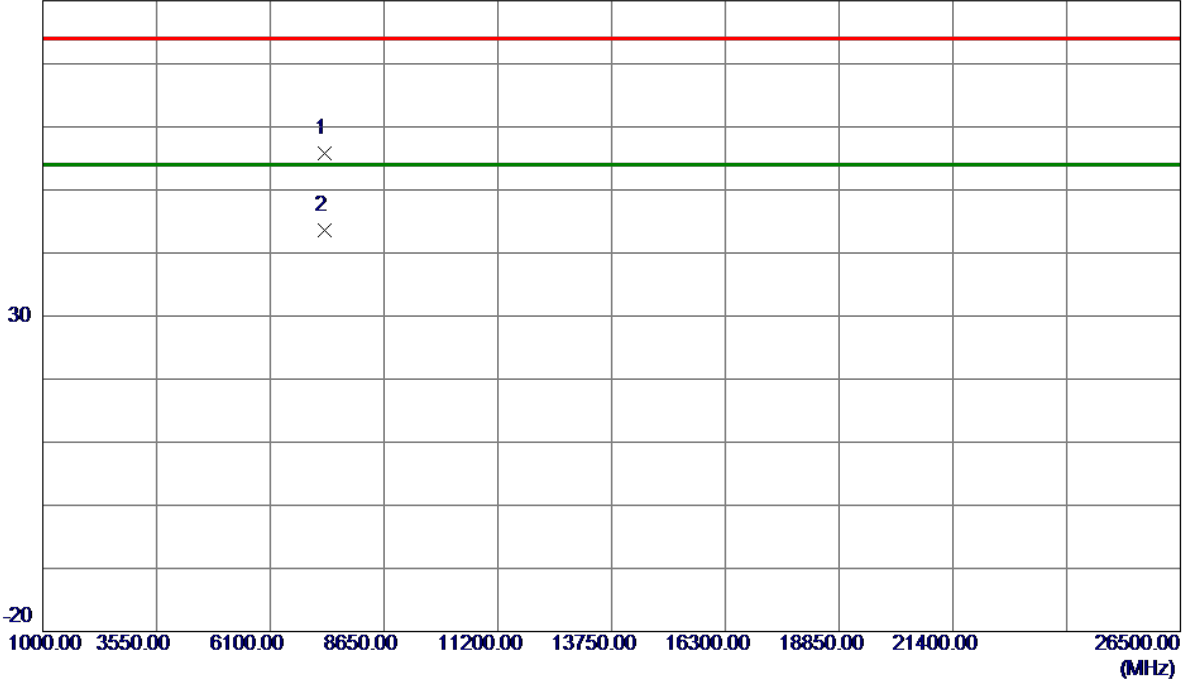


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2434.6000	85.57	9.21	94.78	54.00	40.78	AVG	No Limit
2	2438.3000	95.27	9.23	104.50	74.00	30.50	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	TX G MODE 2437MHz

### Horizontal

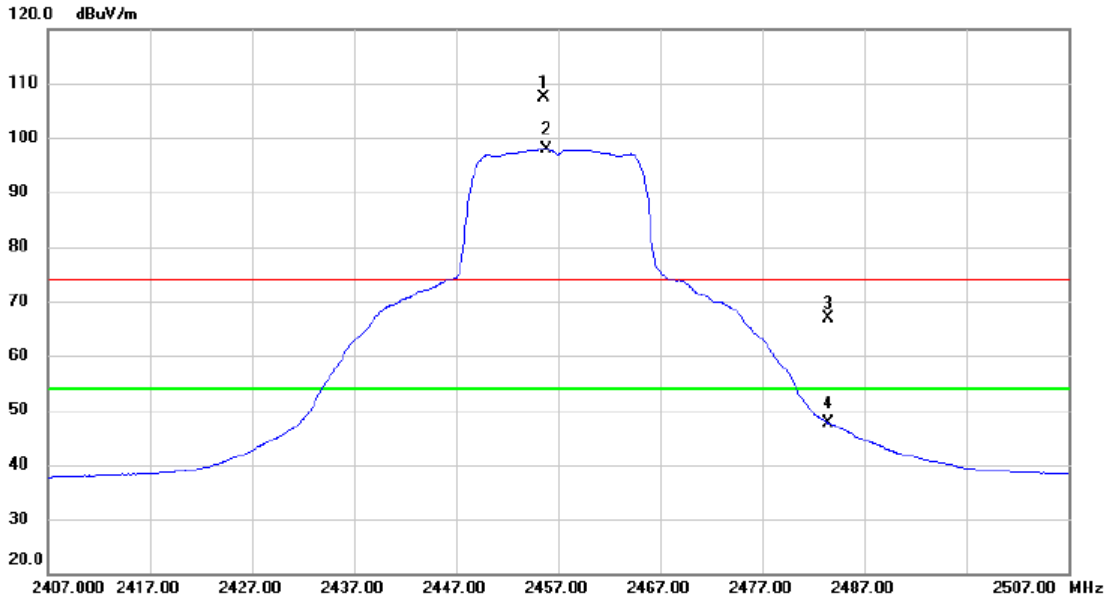
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7310.1000	45.24	10.48	55.72	74.00	-18.28	Peak	
2 *	7310.5000	33.13	10.48	43.61	54.00	-10.39	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2457MHz

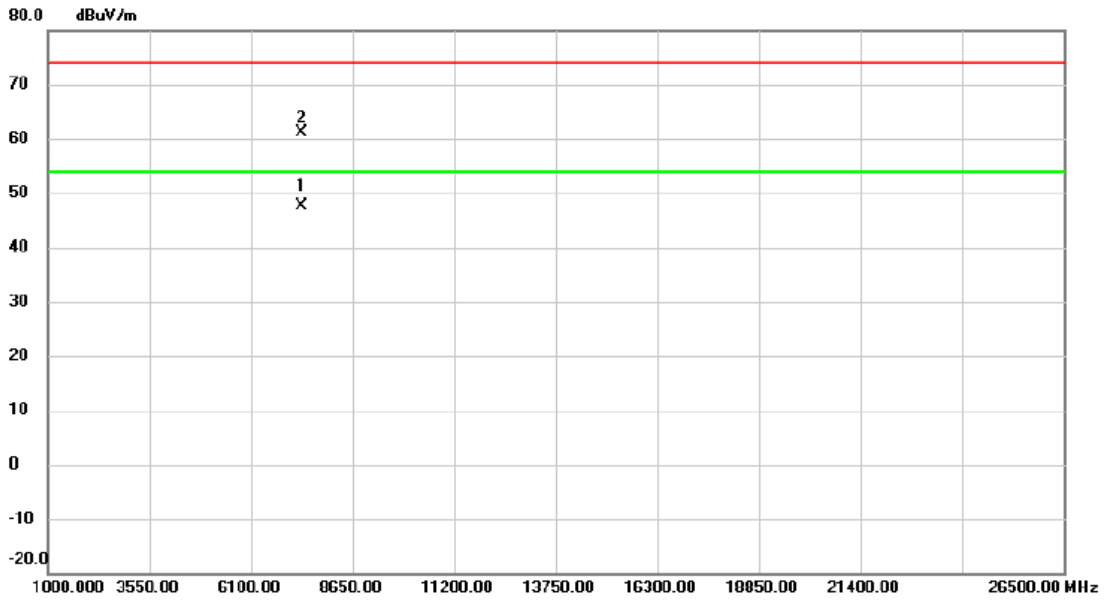
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	2455.600	98.14	9.31	107.45	74.00	33.45	peak	No Limit
2	*	2455.900	88.53	9.32	97.85	54.00	43.85	AVG	No Limit
3		2483.500	57.44	9.45	66.89	74.00	-7.11	peak	
4		2483.500	38.25	9.45	47.70	54.00	-6.30	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2457MHz

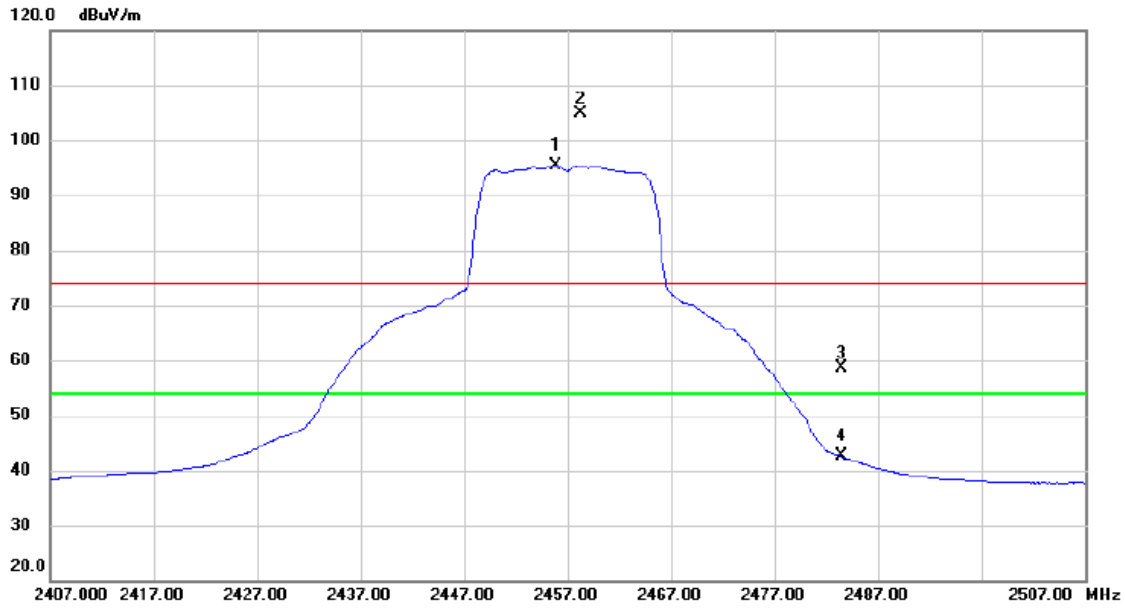
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	7369.950	37.06	10.60	47.66	54.00	-6.34	AVG	
2		7376.950	50.54	10.61	61.15	74.00	-12.85	peak	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2457MHz

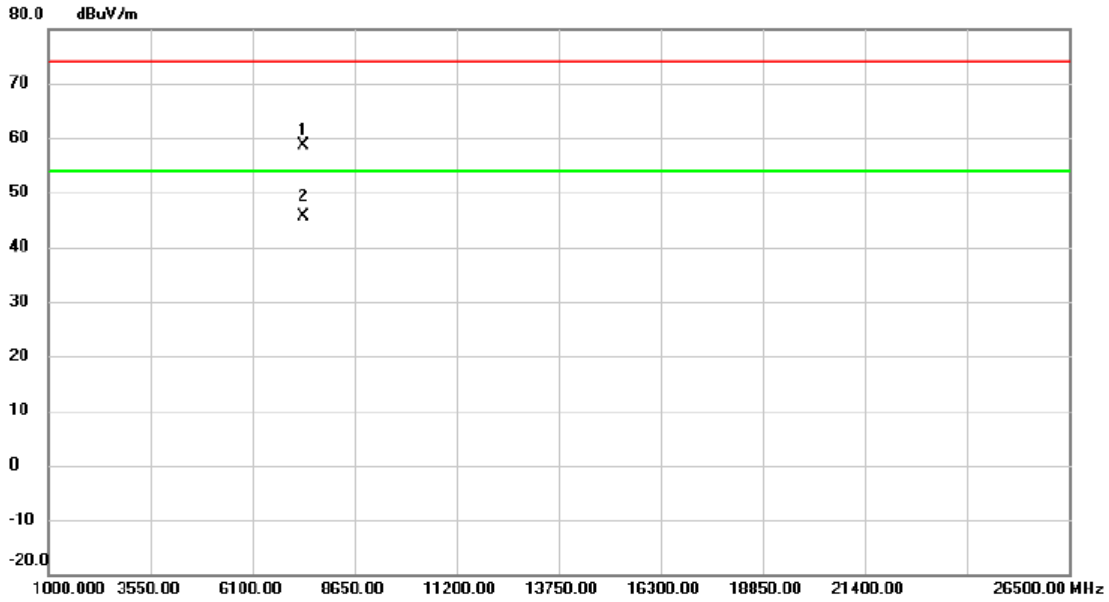
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	2455.900	86.01	9.32	95.33	54.00	41.33	AVG	No Limit
2	X	2458.300	95.67	9.33	105.00	74.00	31.00	peak	No Limit
3		2483.500	49.17	9.45	58.62	74.00	-15.38	peak	
4		2483.500	33.08	9.45	42.53	54.00	-11.47	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2457MHz

### Horizontal



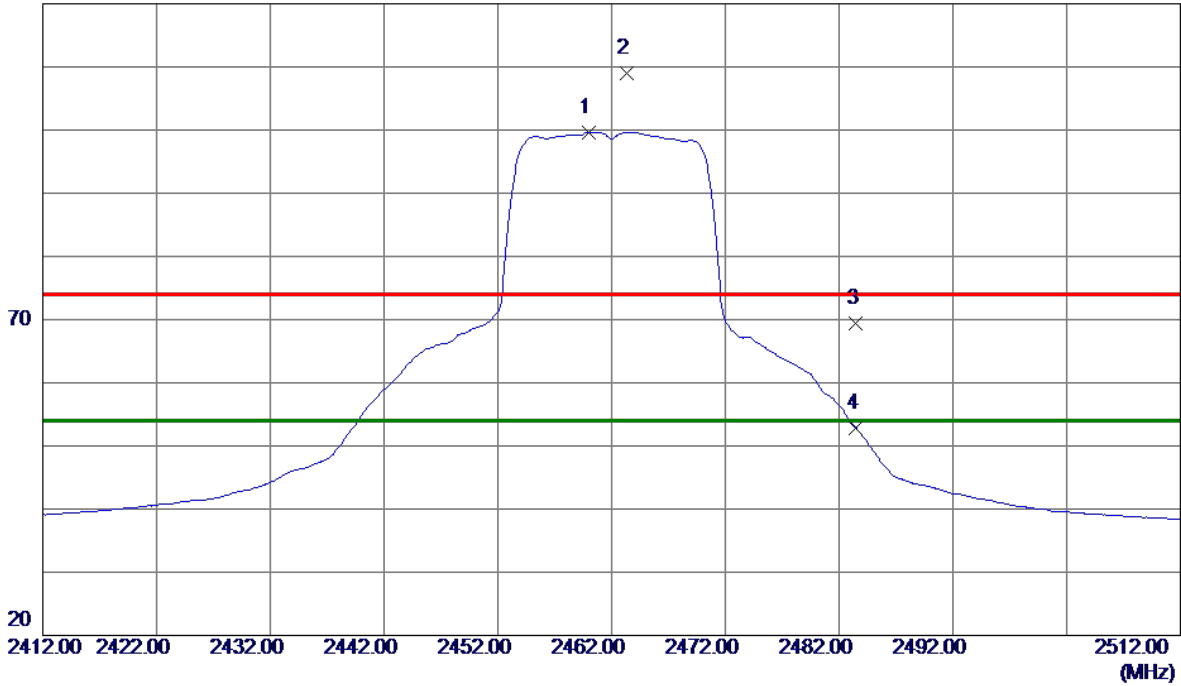
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		7367.500	47.98	10.59	58.57	74.00	-15.43	peak	
2	*	7373.000	34.96	10.60	45.56	54.00	-8.44	AVG	



Orthogonal Axis :	X
Test Mode :	TX G MODE 2462MHz

**Vertical**

120 dBuV/m

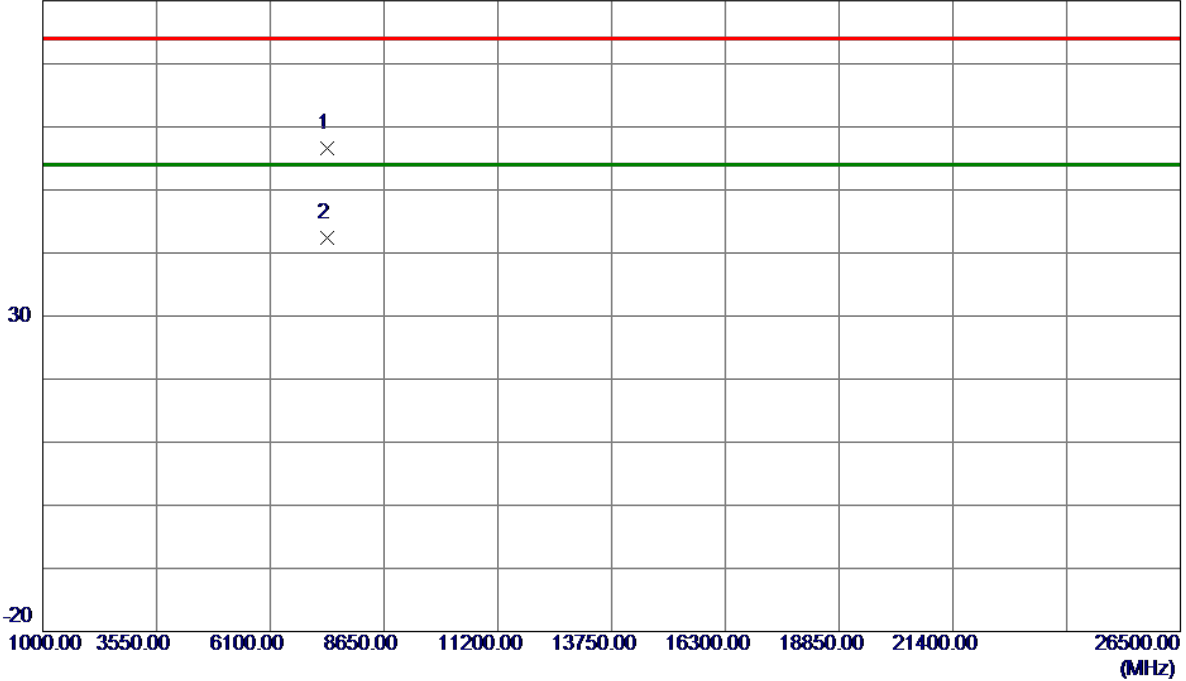


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2460.0000	90.30	9.34	99.64	54.00	45.64	AVG	No Limit
2	2463.3000	99.72	9.36	109.08	74.00	35.08	Peak	No Limit
3	2483.5000	59.94	9.46	69.40	74.00	-4.60	Peak	
4	2483.5000	43.37	9.46	52.83	54.00	-1.17	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2462MHz

**Vertical**

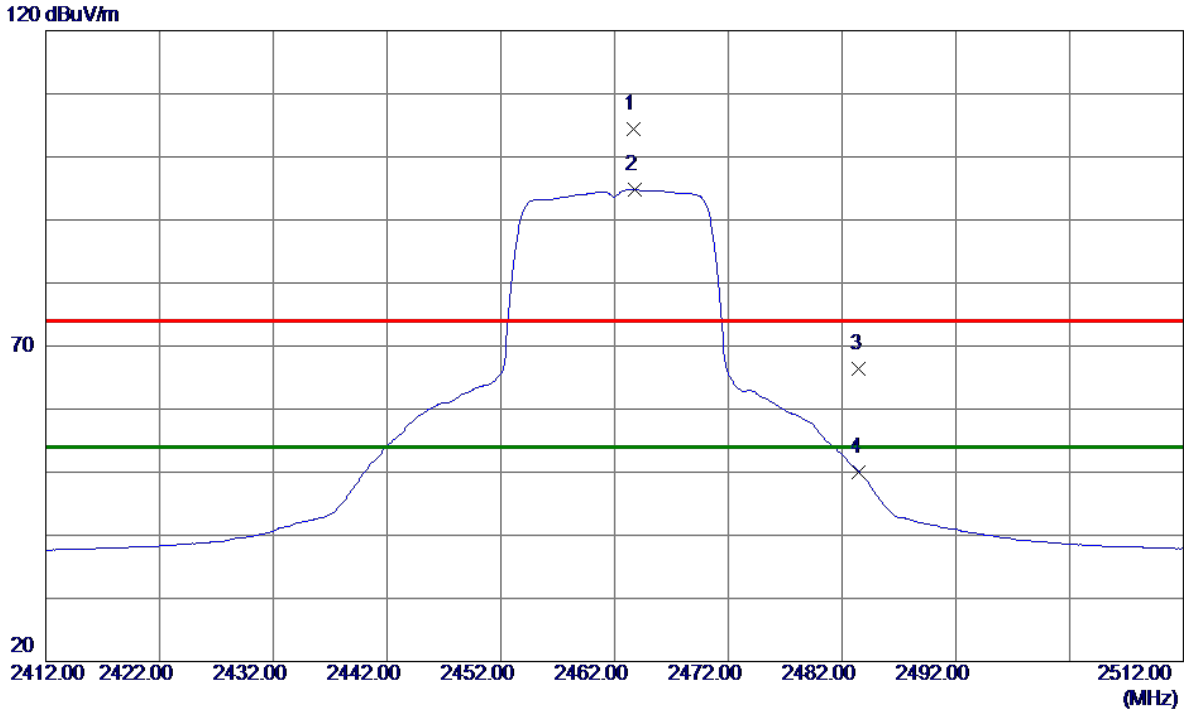
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7382.7500	46.01	10.62	56.63	74.00	-17.37	Peak	
2 *	7383.5500	31.70	10.62	42.32	54.00	-11.68	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2462MHz

**Horizontal**

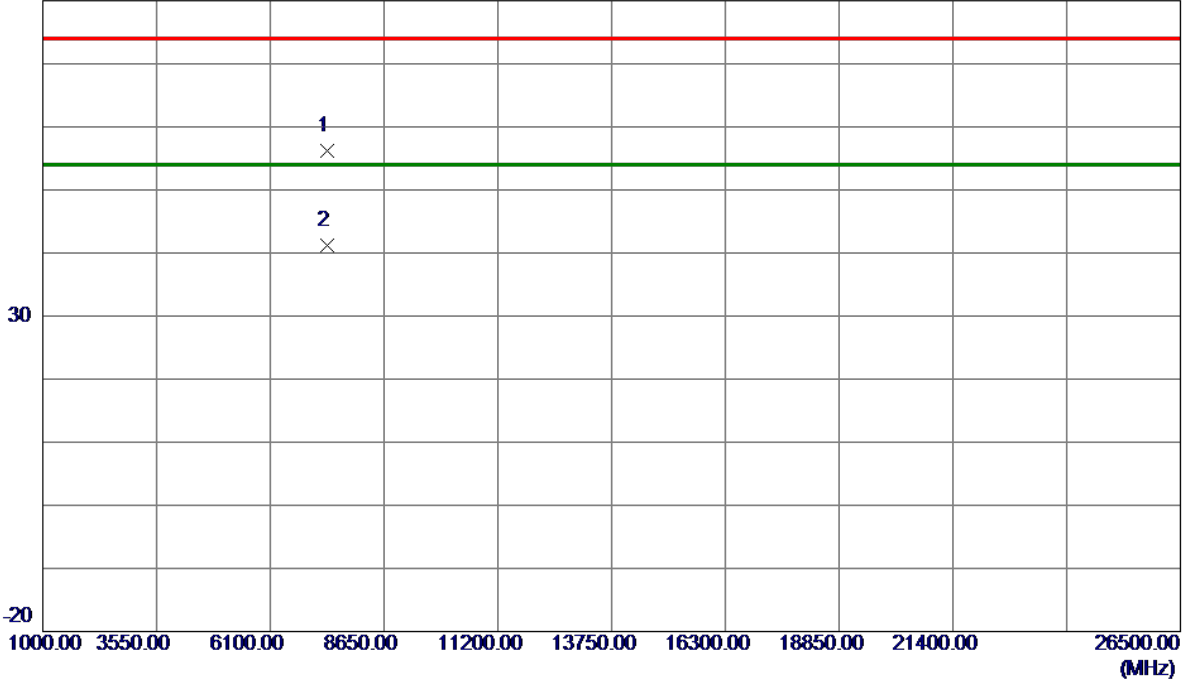


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2463.7000	95.08	9.36	104.44	74.00	30.44	Peak	No Limit
2 *	2463.8000	85.44	9.36	94.80	54.00	40.80	AVG	No Limit
3	2483.5000	56.90	9.46	66.36	74.00	-7.64	Peak	
4	2483.5000	40.56	9.46	50.02	54.00	-3.98	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2462MHz

**Horizontal**

80 dBuV/m

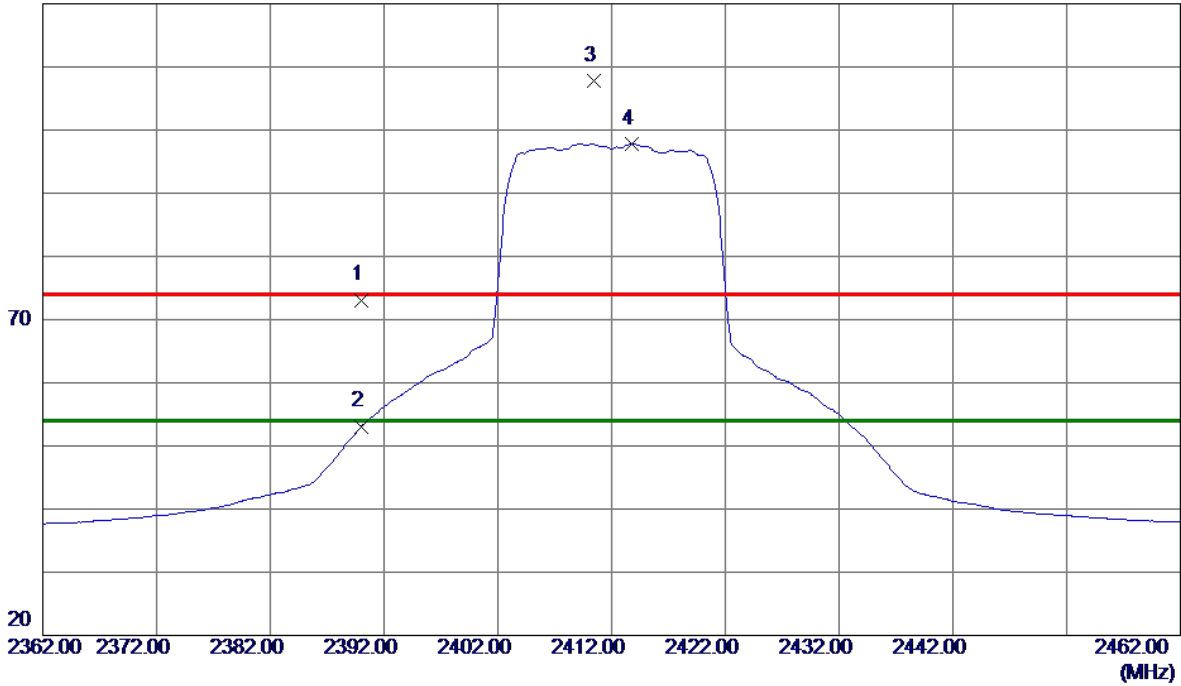


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7382.4500	45.61	10.62	56.23	74.00	-17.77	Peak	
2 *	7385.2000	30.52	10.62	41.14	54.00	-12.86	AVG	

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2412MHz

**Vertical**

120 dBuV/m

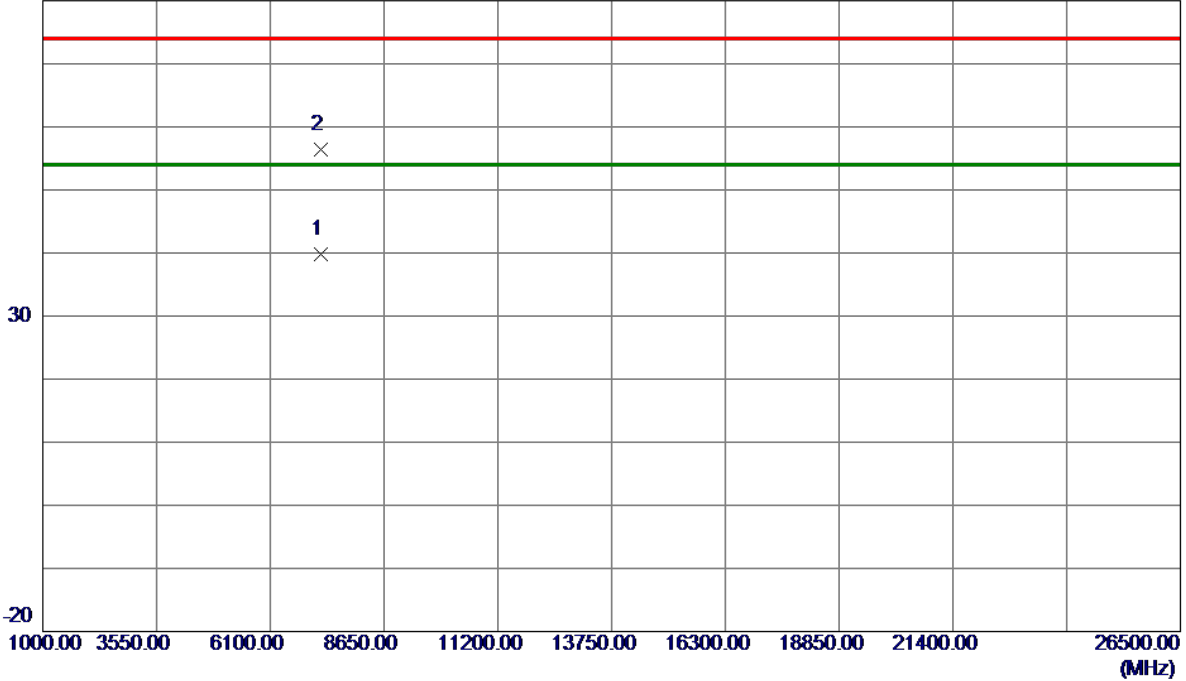


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	64.11	8.99	73.10	74.00	-0.90	Peak	
2	2390.0000	44.11	8.99	53.10	54.00	-0.90	AVG	
3	2410.4000	98.72	9.09	107.81	74.00	33.81	Peak	No Limit
4 *	2413.8000	88.68	9.11	97.79	54.00	43.79	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2412MHz

**Vertical**

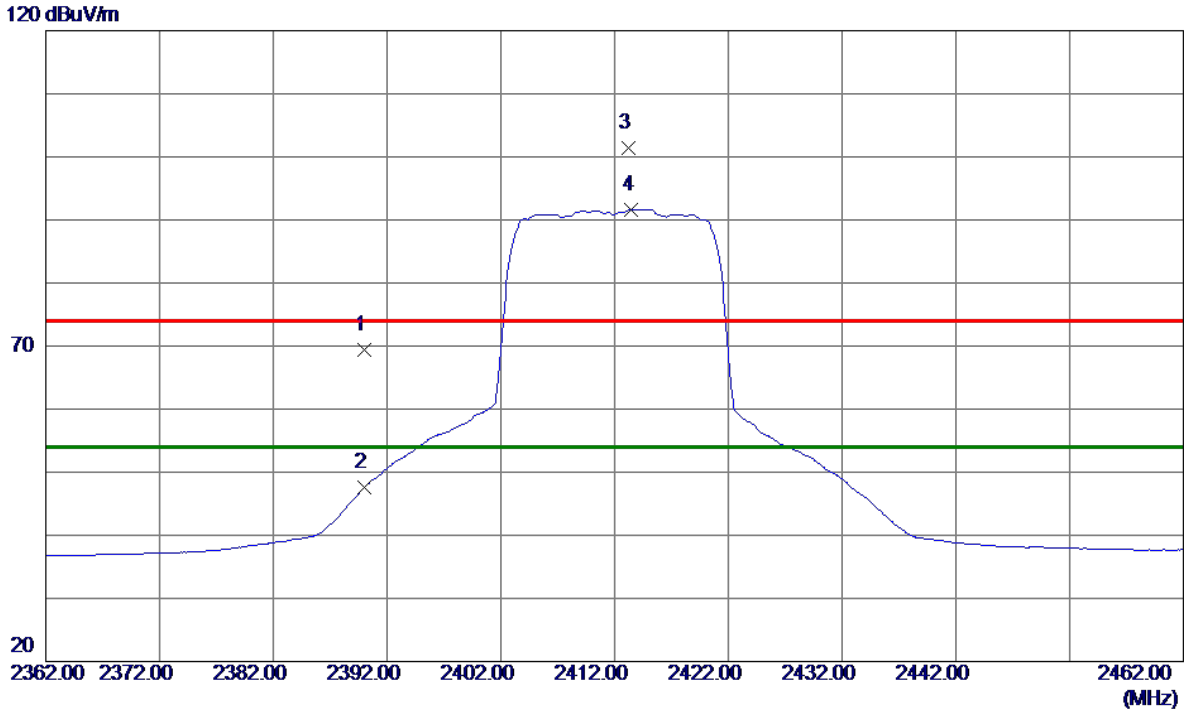
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7232.1000	29.52	10.34	39.86	54.00	-14.14	AVG	
2	7237.2000	46.08	10.35	56.43	74.00	-17.57	Peak	

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2412MHz

**Horizontal**

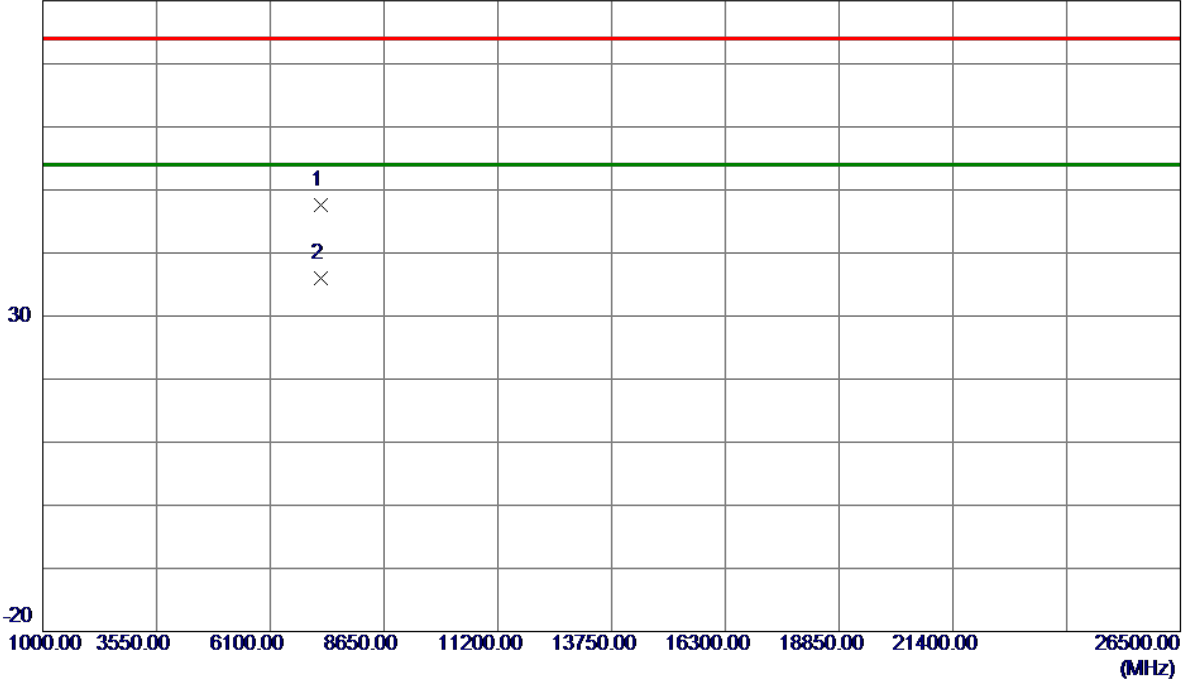


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	60.49	8.99	69.48	74.00	-4.52	Peak	
2	2390.0000	38.62	8.99	47.61	54.00	-6.39	AVG	
3	2413.2000	92.30	9.10	101.40	74.00	27.40	Peak	No Limit
4 *	2413.5000	82.55	9.11	91.66	54.00	37.66	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2412MHz

**Horizontal**

80 dBuV/m

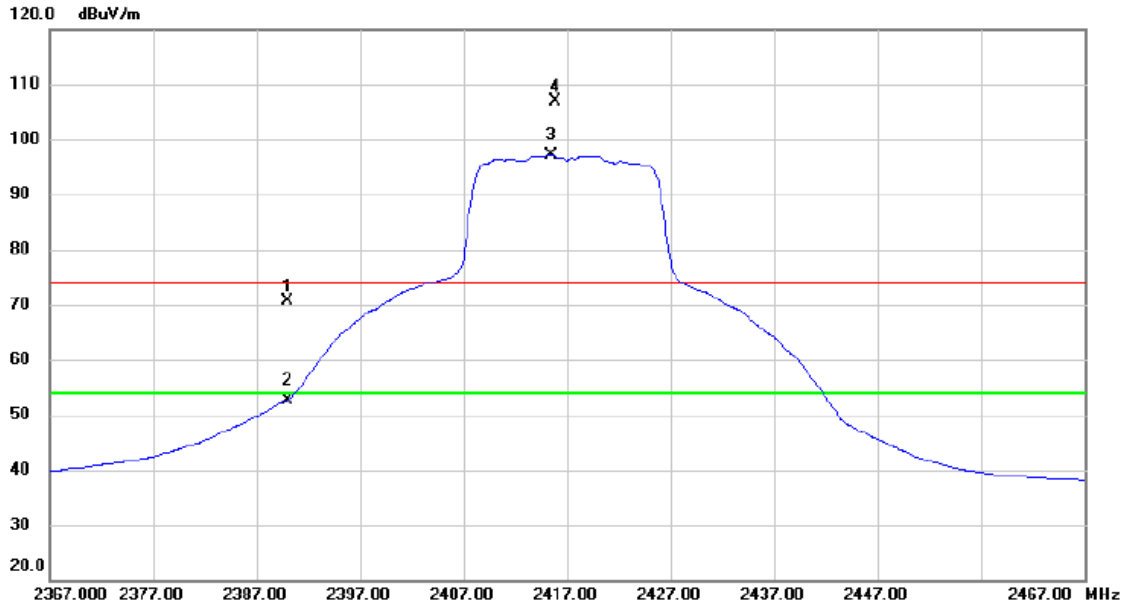


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7224.3000	37.35	10.32	47.67	74.00	-26.33	Peak	
2 *	7239.9000	25.56	10.35	35.91	54.00	-18.09	AVG	



Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2417MHz

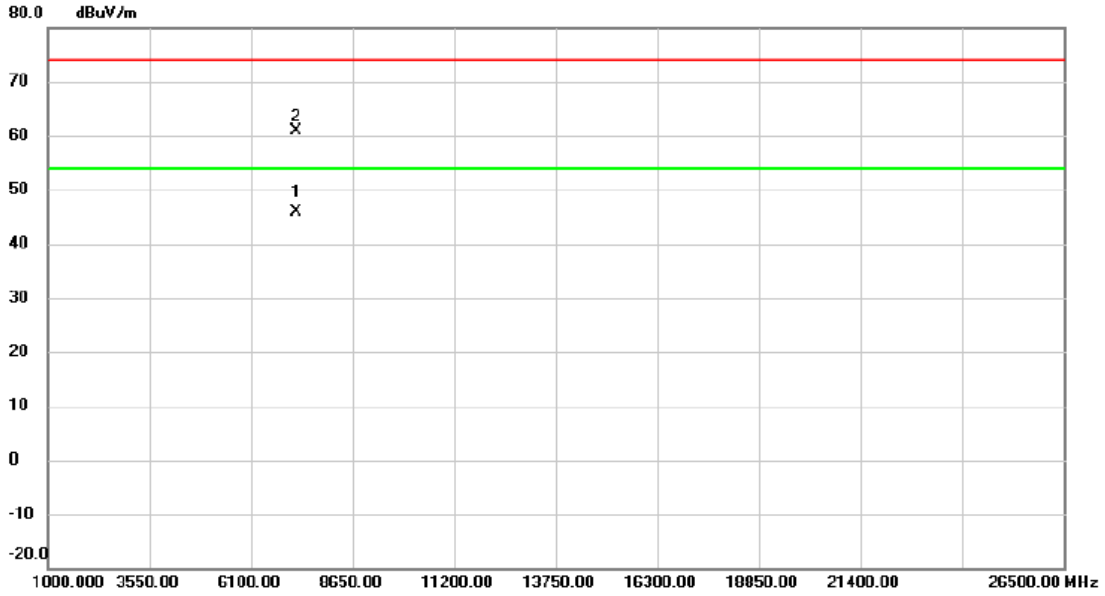
### Vertical



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.000	61.72	8.99	70.71	74.00	-3.29	peak	
2	2390.000	43.62	8.99	52.61	54.00	-1.39	AVG	
3 *	2415.400	88.05	9.11	97.16	54.00	43.16	AVG	No Limit
4 X	2415.800	97.86	9.11	106.97	74.00	32.97	peak	No Limit

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2417MHz

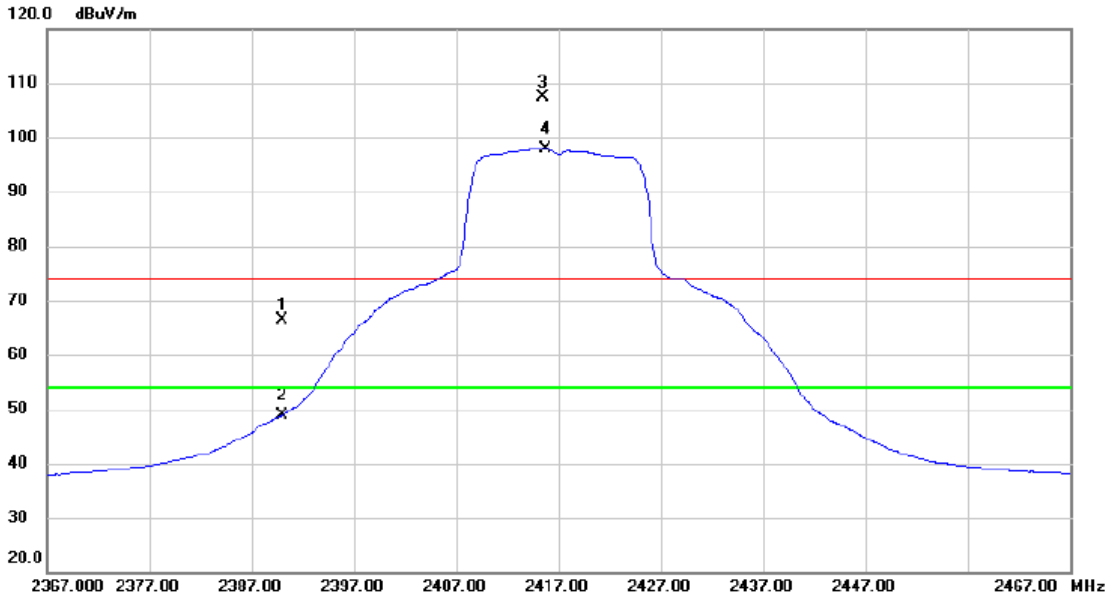
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	7246.700	35.54	10.36	45.90	54.00	-8.10	AVG	
2		7252.300	50.52	10.38	60.90	74.00	-13.10	peak	

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2417MHz

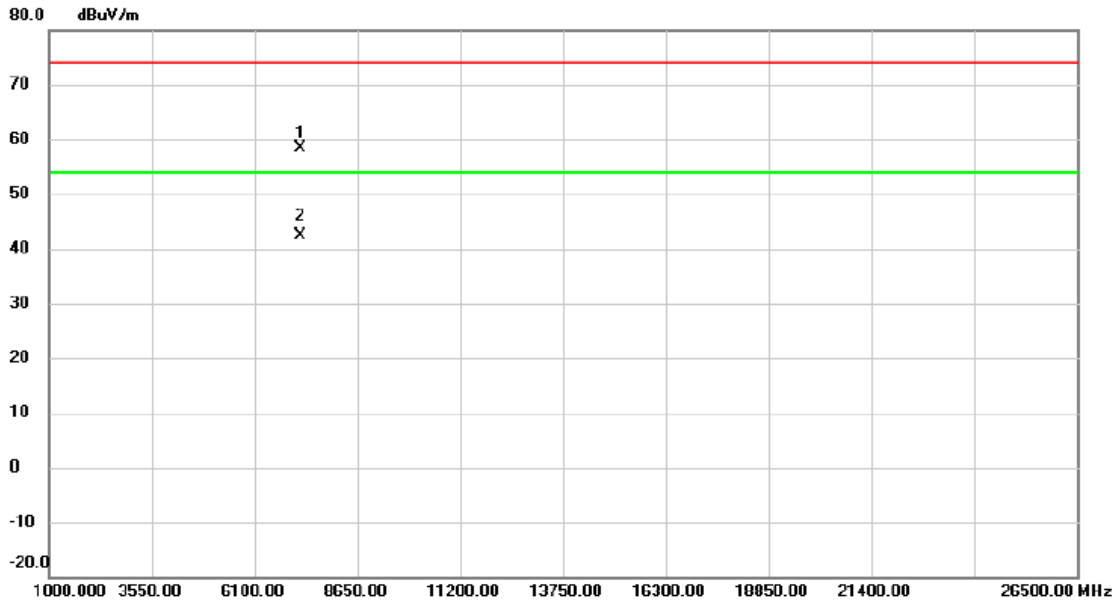
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2390.000	57.28	8.99	66.27	74.00	-7.73	peak	
2		2390.000	39.92	8.99	48.91	54.00	-5.09	AVG	
3	X	2415.400	98.34	9.11	107.45	74.00	33.45	peak	No Limit
4	*	2415.700	88.84	9.11	97.95	54.00	43.95	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2417MHz

### Horizontal

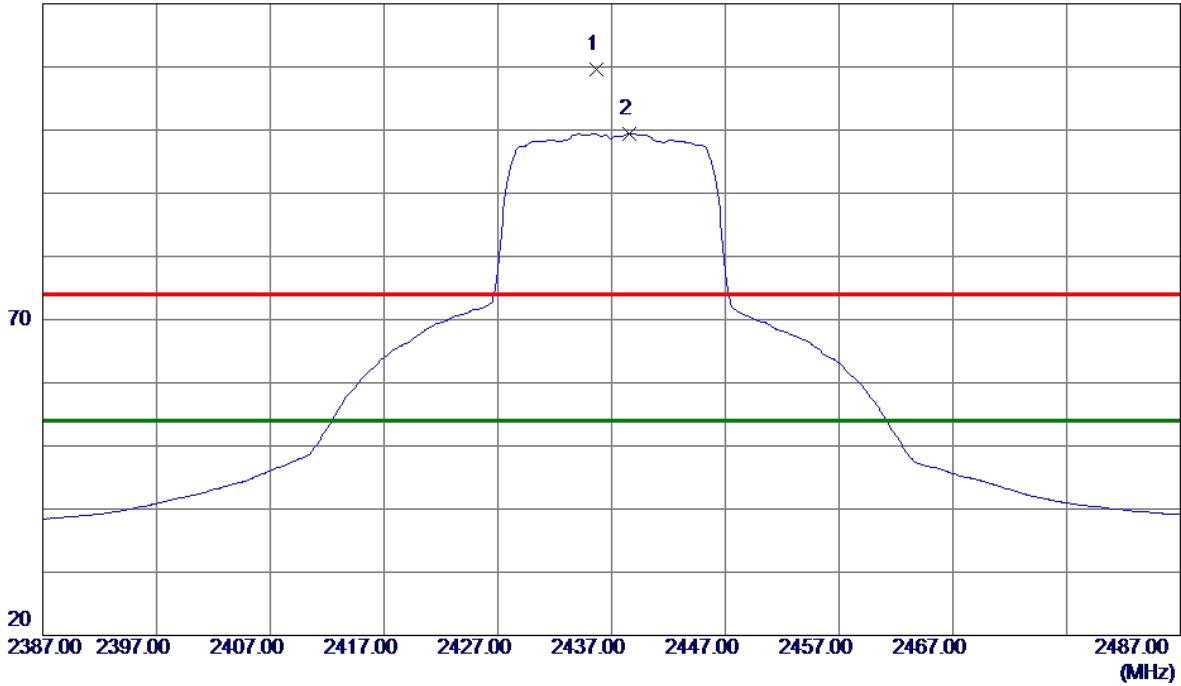


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		7247.700	47.98	10.36	58.34	74.00	-15.66	peak	
2	*	7249.900	32.09	10.37	42.46	54.00	-11.54	AVG	

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2437MHz

**Vertical**

120 dBuV/m

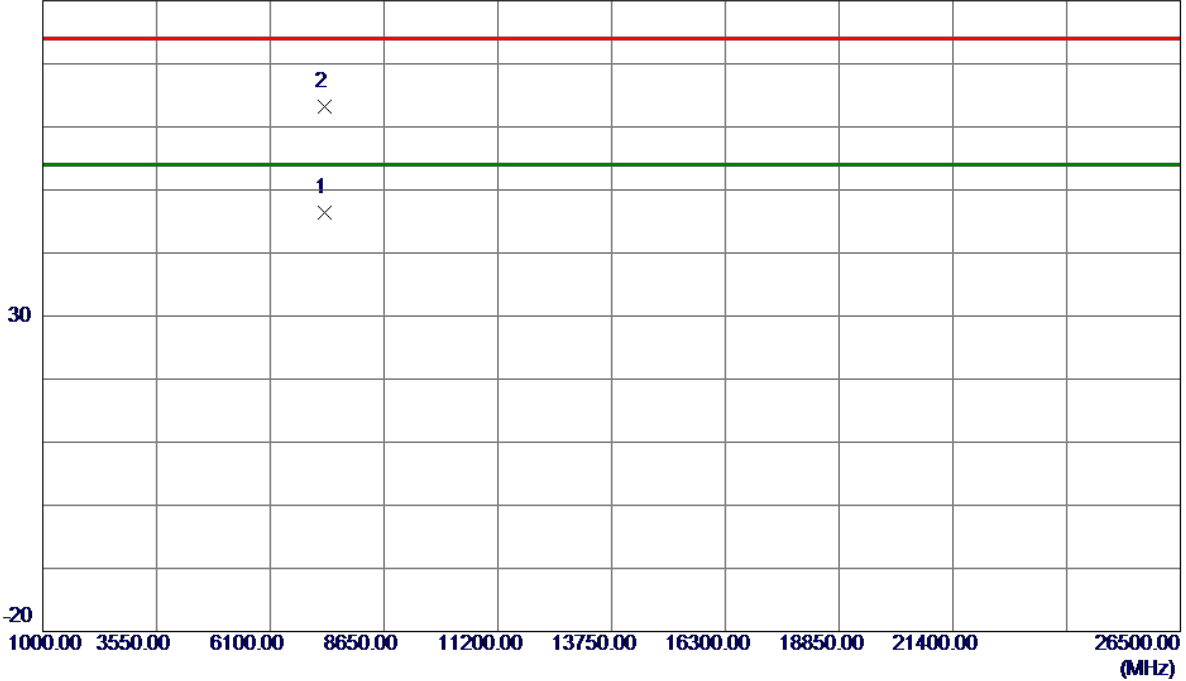


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2435.7000	100.37	9.22	109.59	74.00	35.59	Peak	No Limit
2 *	2438.6000	90.22	9.23	99.45	54.00	45.45	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2437MHz

**Vertical**

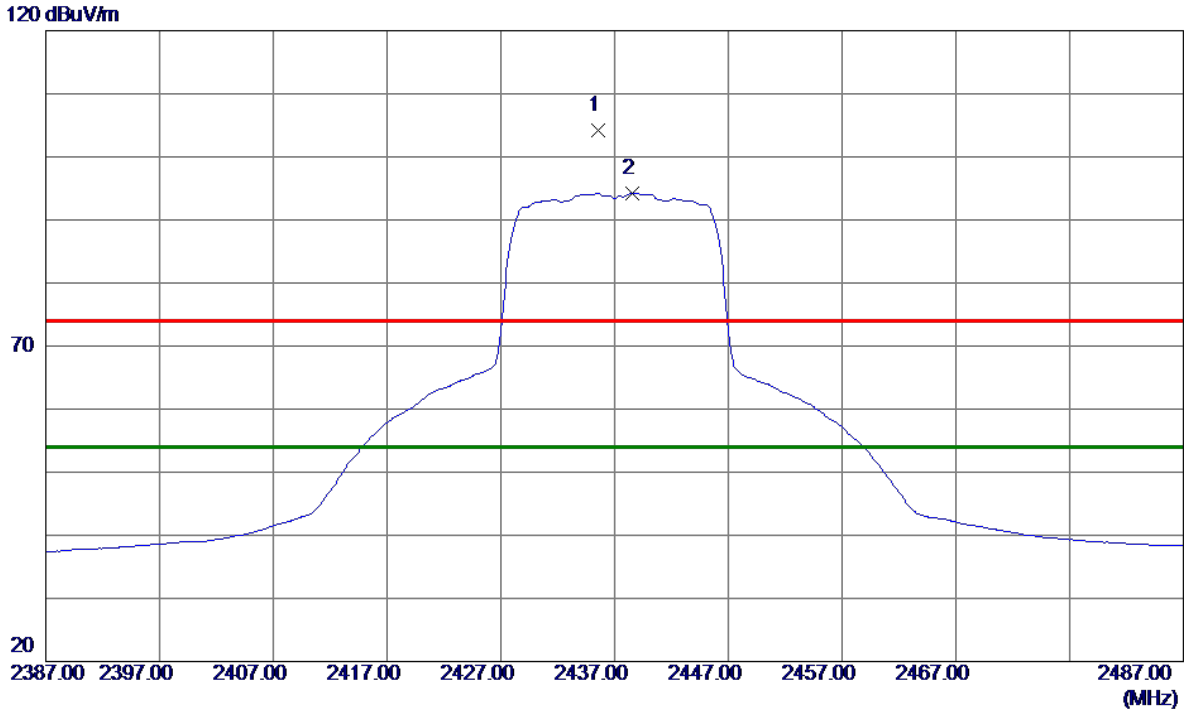
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7314.8700	35.93	10.49	46.42	54.00	-7.58	AVG	
2	7317.5900	52.61	10.50	63.11	74.00	-10.89	Peak	

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2437MHz

### Horizontal

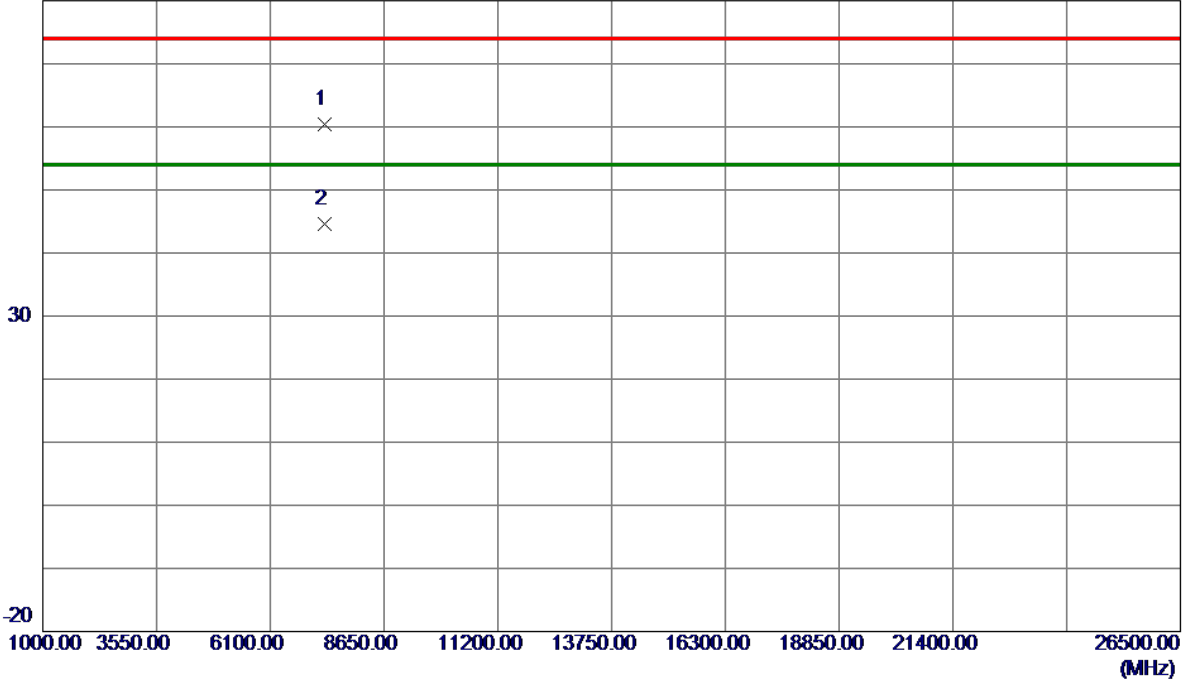


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2435.6000	94.95	9.22	104.17	74.00	30.17	Peak	No Limit
2 *	2438.6000	85.05	9.23	94.28	54.00	40.28	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2437MHz

### Horizontal

80 dBuV/m

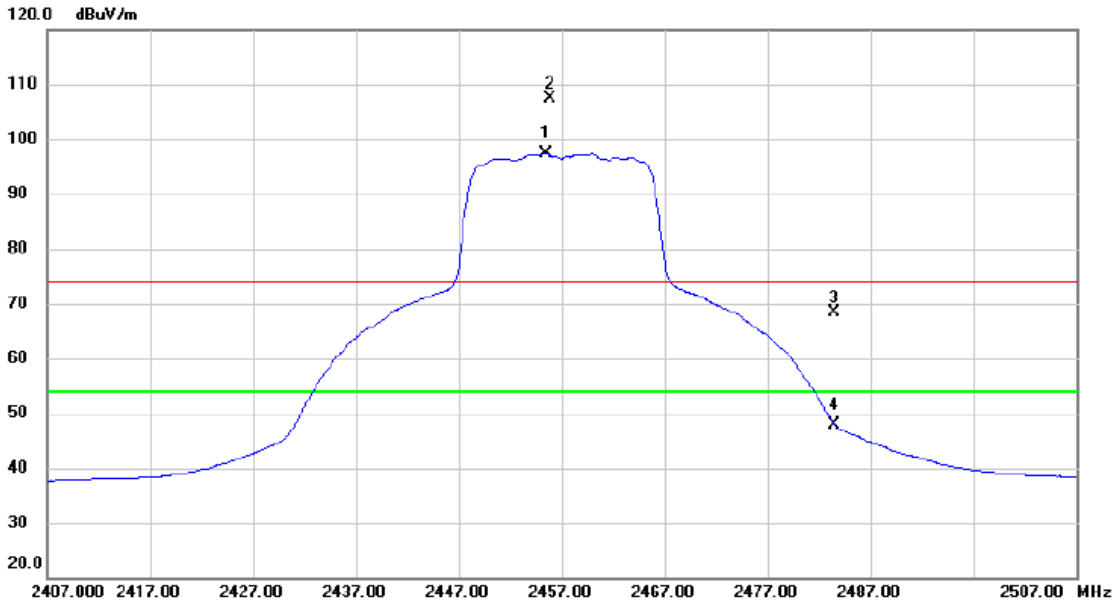


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7308.9000	49.89	10.48	60.37	74.00	-13.63	Peak	
2 *	7309.3000	34.18	10.48	44.66	54.00	-9.34	AVG	



Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2457MHz

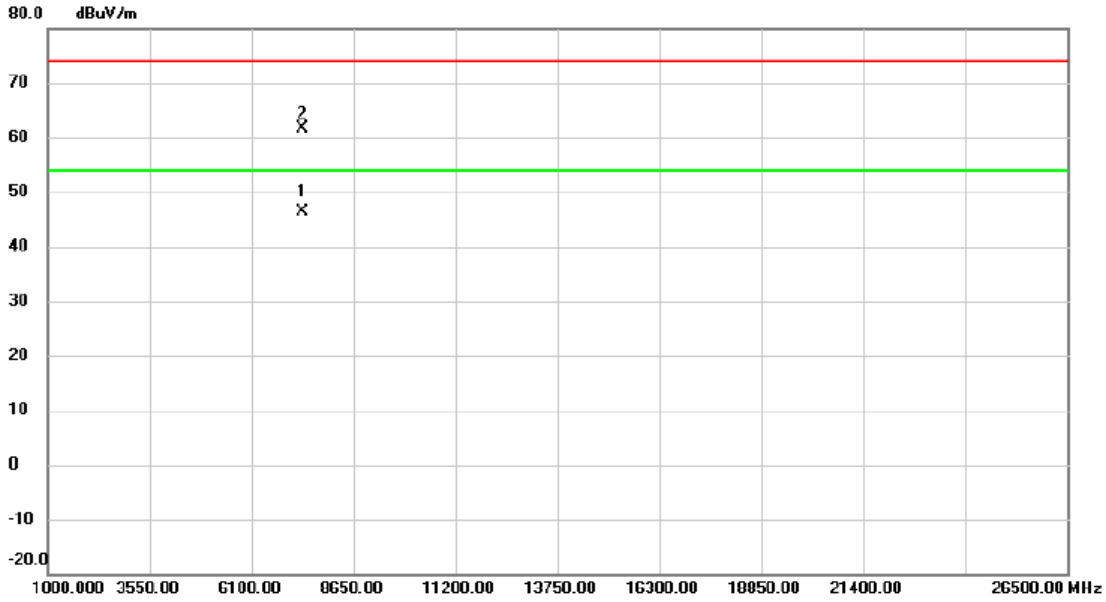
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	2455.400	88.03	9.31	97.34	54.00	43.34	AVG	No Limit
2	X	2455.800	98.09	9.31	107.40	74.00	33.40	peak	No Limit
3		2483.500	58.91	9.45	68.36	74.00	-5.64	peak	
4		2483.500	38.55	9.45	48.00	54.00	-6.00	AVG	

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2457MHz

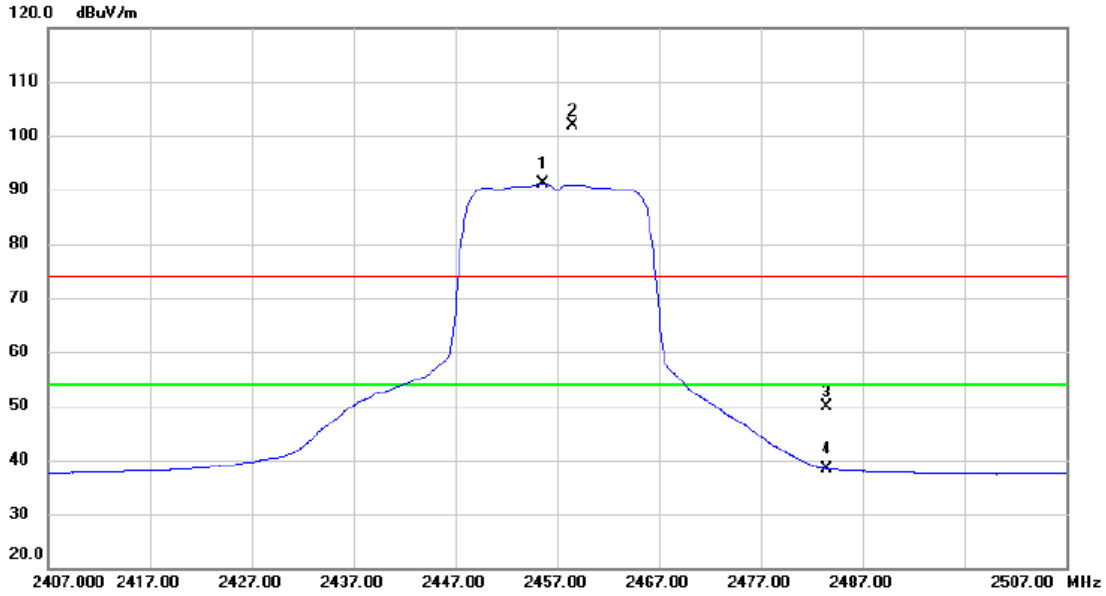
**Vertical**



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	7368.950	35.90	10.60	46.50	54.00	-7.50	AVG	
2		7370.350	50.96	10.60	61.56	74.00	-12.44	peak	

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2457MHz

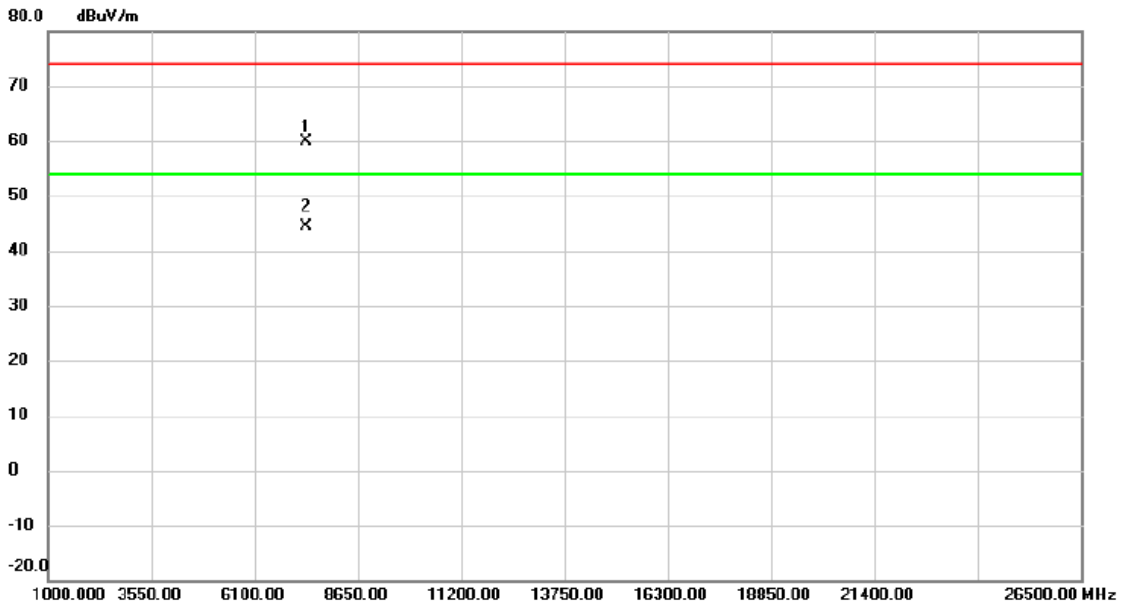
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	2455.600	81.93	9.31	91.24	54.00	37.24	AVG	No Limit
2	X	2458.600	92.56	9.33	101.89	74.00	27.89	peak	No Limit
3		2483.500	40.31	9.45	49.76	74.00	-24.24	peak	
4		2483.500	29.05	9.45	38.50	54.00	-15.50	AVG	

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2457MHz

### Horizontal

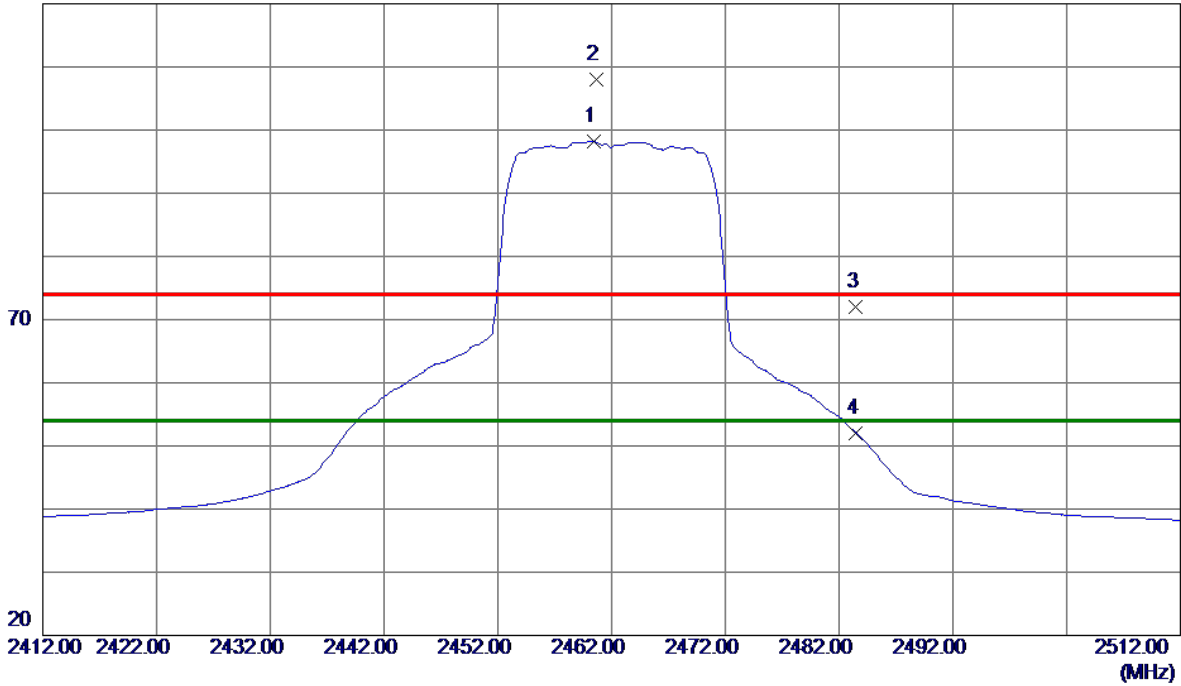


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		7371.950	49.25	10.59	59.84	74.00	-14.16	peak	
2	*	7372.000	33.75	10.59	44.34	54.00	-9.66	AVG	

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2462MHz

**Vertical**

120 dBuV/m

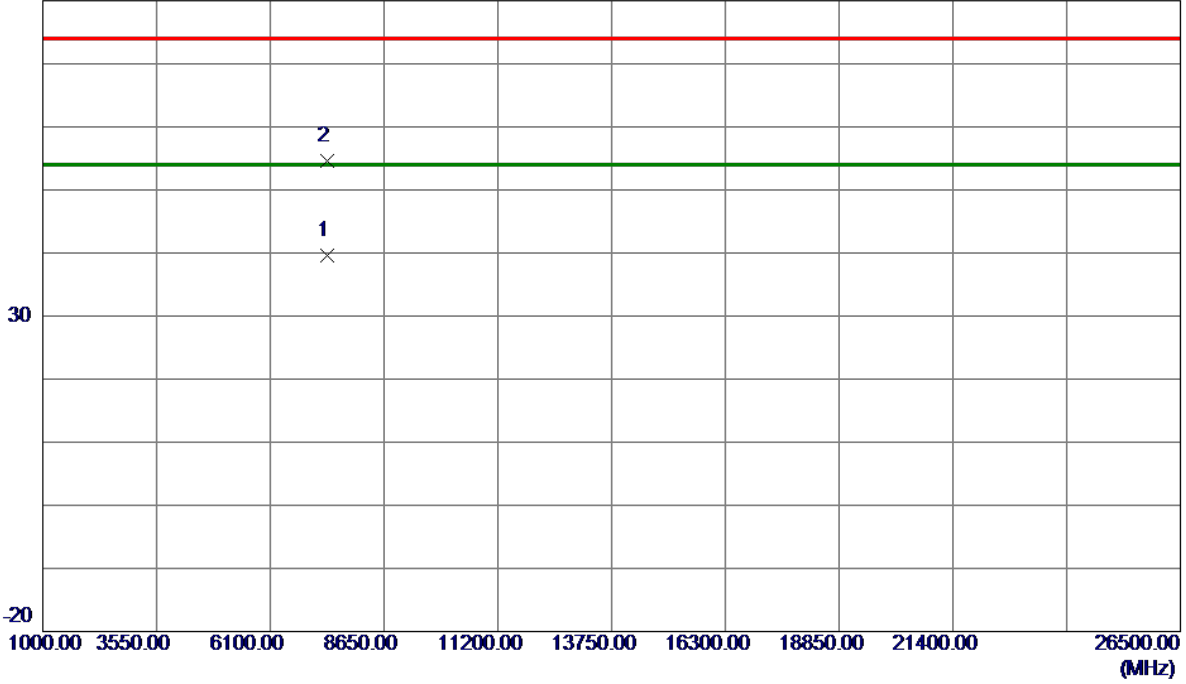


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2460.4000	88.84	9.34	98.18	54.00	44.18	AVG	No Limit
2	2460.7000	98.64	9.34	107.98	74.00	33.98	Peak	No Limit
3	2483.5000	62.57	9.46	72.03	74.00	-1.97	Peak	
4	2483.5000	42.60	9.46	52.06	54.00	-1.94	AVG	

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2462MHz

**Vertical**

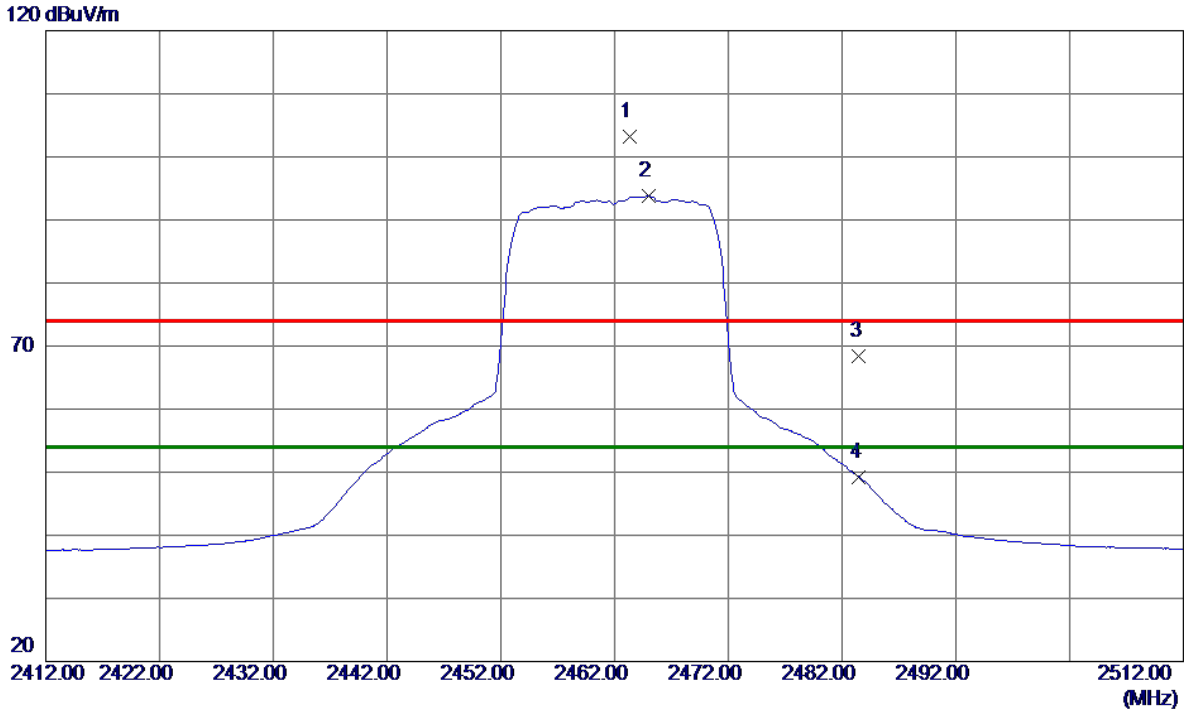
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7381.7500	28.92	10.62	39.54	54.00	-14.46	AVG	
2	7384.2500	43.91	10.62	54.53	74.00	-19.47	Peak	

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2462MHz

**Horizontal**

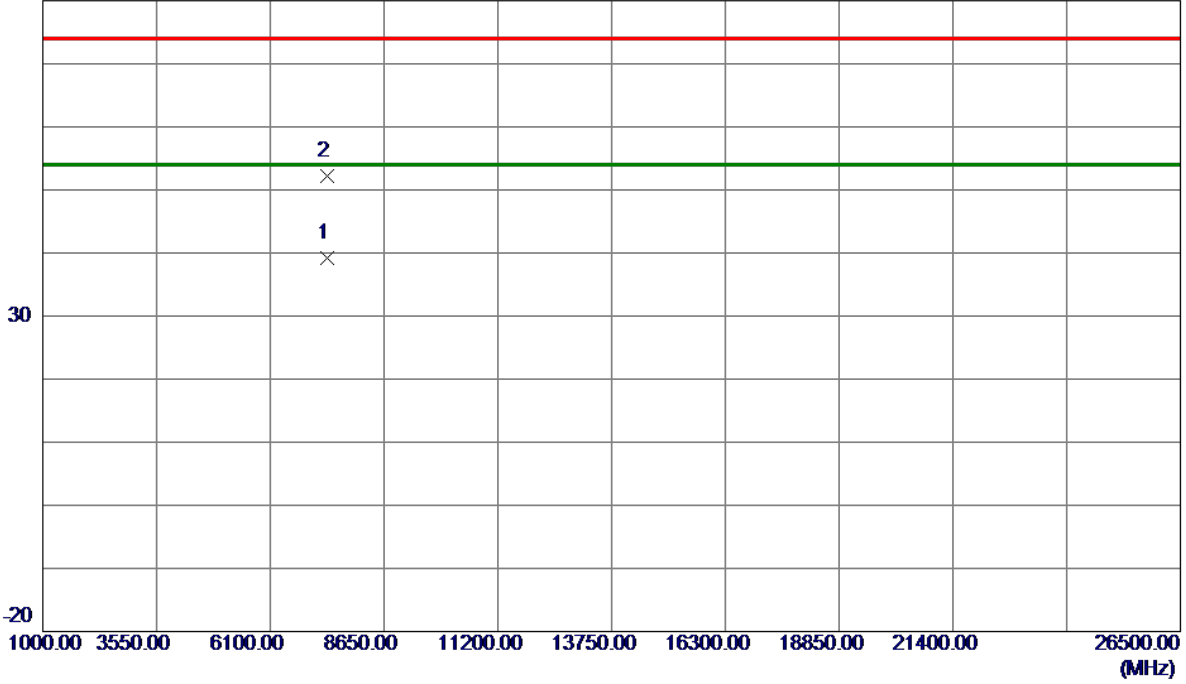


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2463.3000	93.87	9.36	103.23	74.00	29.23	Peak	No Limit
2 *	2465.0000	84.36	9.36	93.72	54.00	39.72	AVG	No Limit
3	2483.5000	58.92	9.46	68.38	74.00	-5.62	Peak	
4	2483.5000	39.76	9.46	49.22	54.00	-4.78	AVG	

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2462MHz

### Horizontal

80 dBuV/m



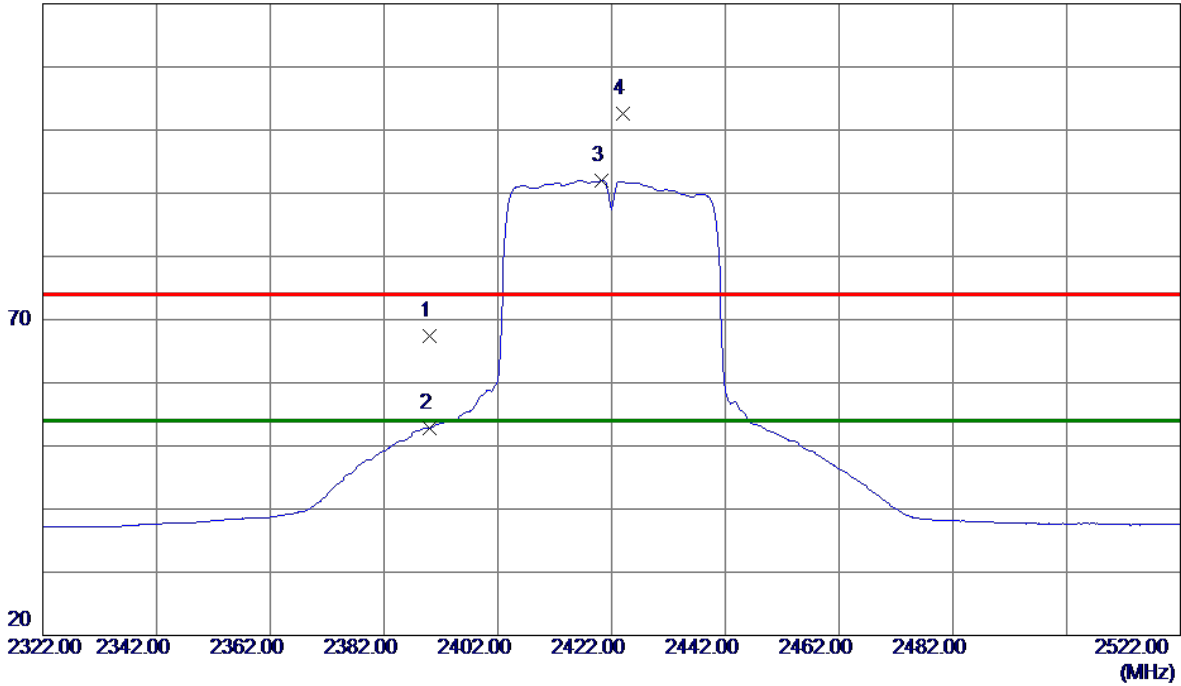
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7386.5500	28.56	10.63	39.19	54.00	-14.81	AVG	
2	7379.2000	41.60	10.61	52.21	74.00	-21.79	Peak	



Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2422MHz

**Vertical**

120 dBuV/m

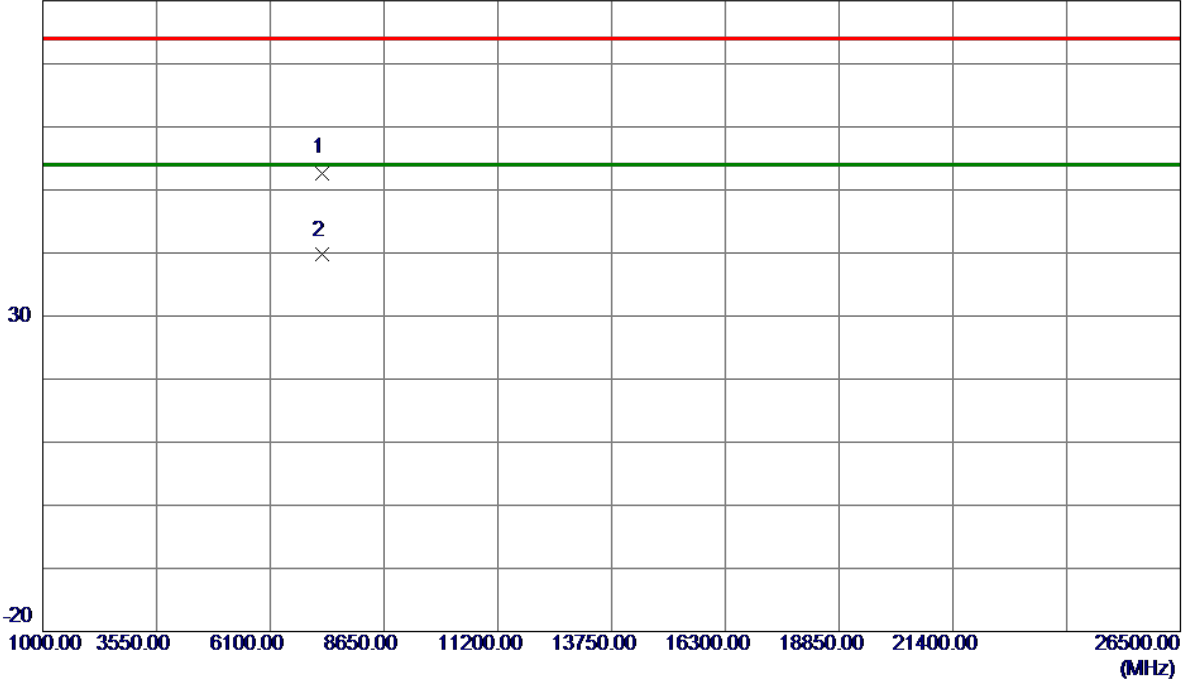


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	58.39	8.99	67.38	74.00	-6.62	Peak	
2	2390.0000	43.84	8.99	52.83	54.00	-1.17	AVG	
3 *	2420.2000	82.84	9.14	91.98	54.00	37.98	AVG	No Limit
4	2424.0000	93.45	9.16	102.61	74.00	28.61	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2422MHz

**Vertical**

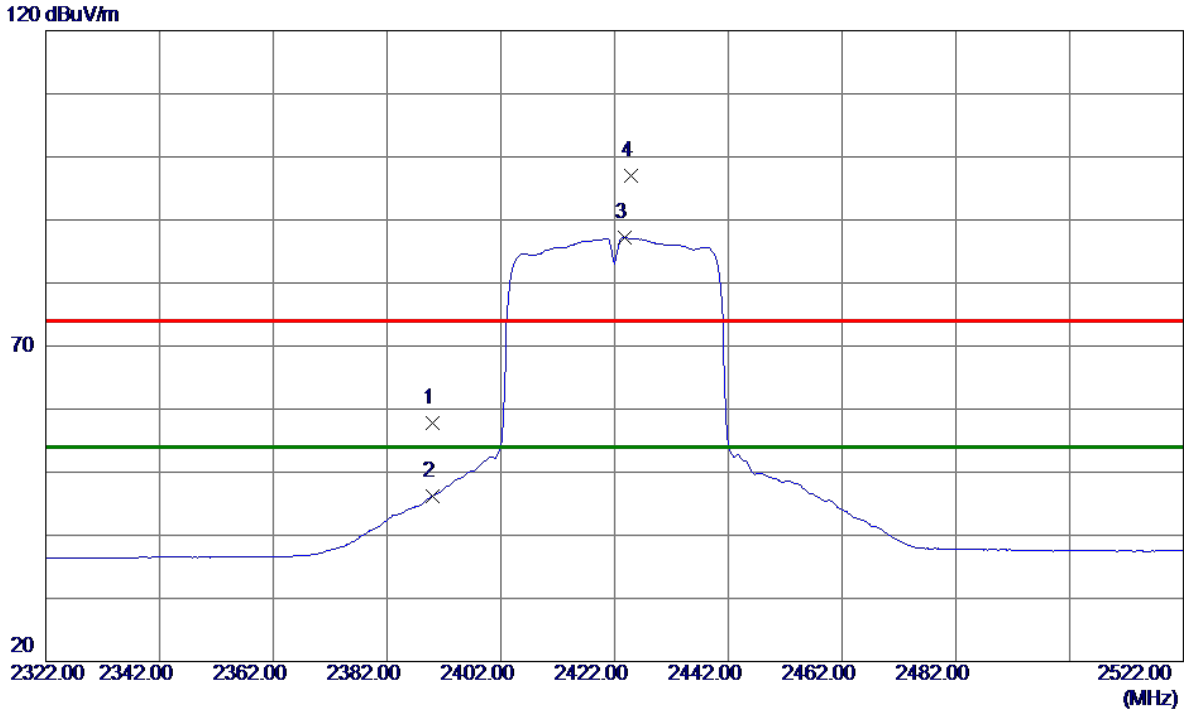
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7266.0950	42.30	10.40	52.70	74.00	-21.30	Peak	
2 *	7267.1000	29.30	10.40	39.70	54.00	-14.30	AVG	

Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2422MHz

### Horizontal

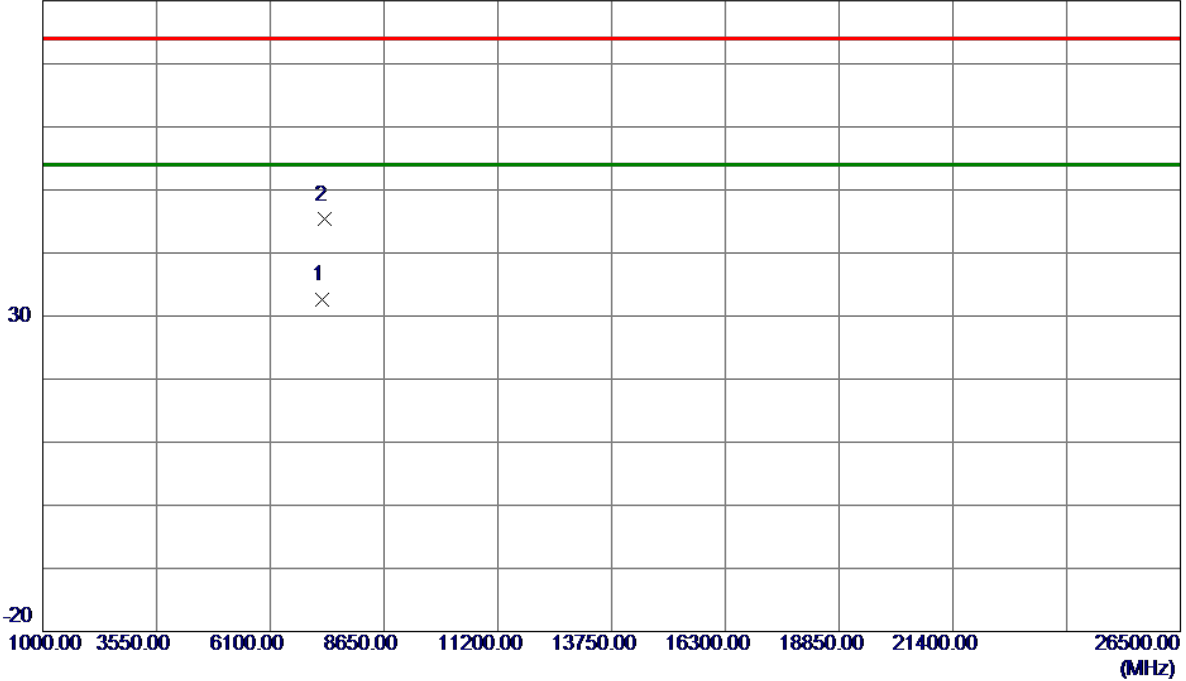


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	48.89	8.99	57.88	74.00	-16.12	Peak	
2	2390.0000	37.26	8.99	46.25	54.00	-7.75	AVG	
3 *	2423.8000	77.99	9.16	87.15	54.00	33.15	AVG	No Limit
4	2424.8000	87.91	9.16	97.07	74.00	23.07	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2422MHz

**Horizontal**

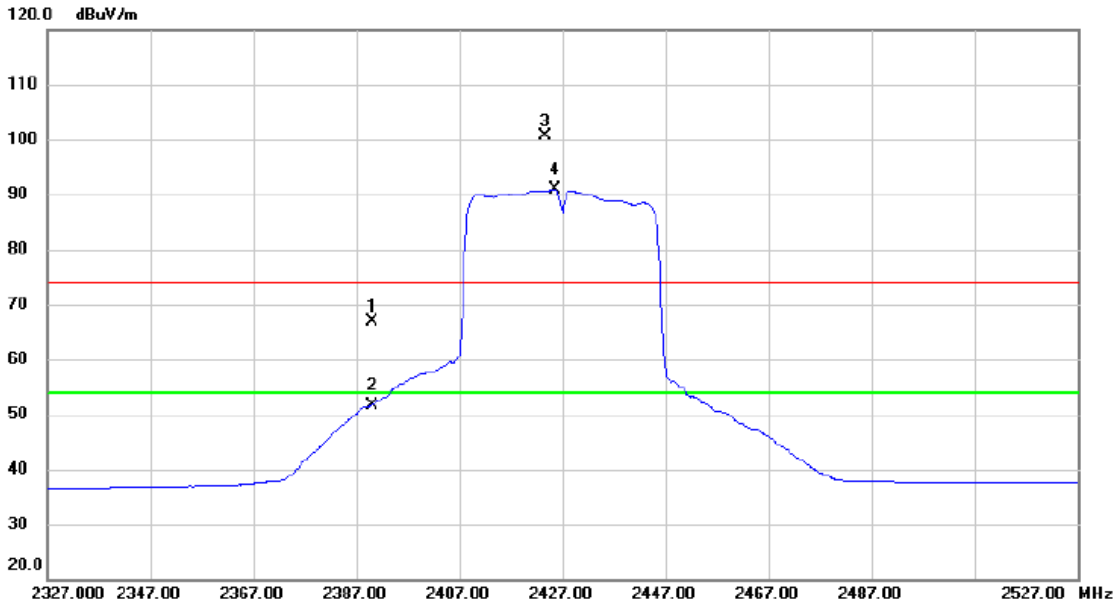
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7263.7000	22.26	10.40	32.66	54.00	-21.34	AVG	
2	7310.4000	34.82	10.48	45.30	74.00	-28.70	Peak	

Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2427MHz

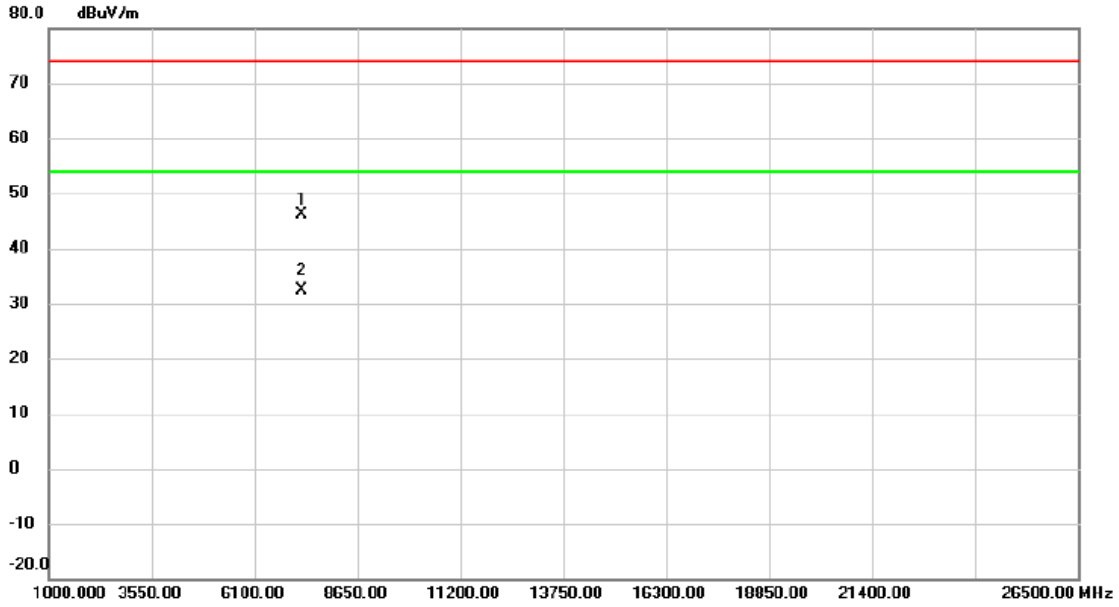
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2390.000	57.90	8.99	66.89	74.00	-7.11	peak	
2		2390.000	42.67	8.99	51.66	54.00	-2.34	AVG	
3	X	2423.600	91.56	9.15	100.71	74.00	26.71	peak	No Limit
4	*	2425.400	81.77	9.16	90.93	54.00	36.93	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2427MHz

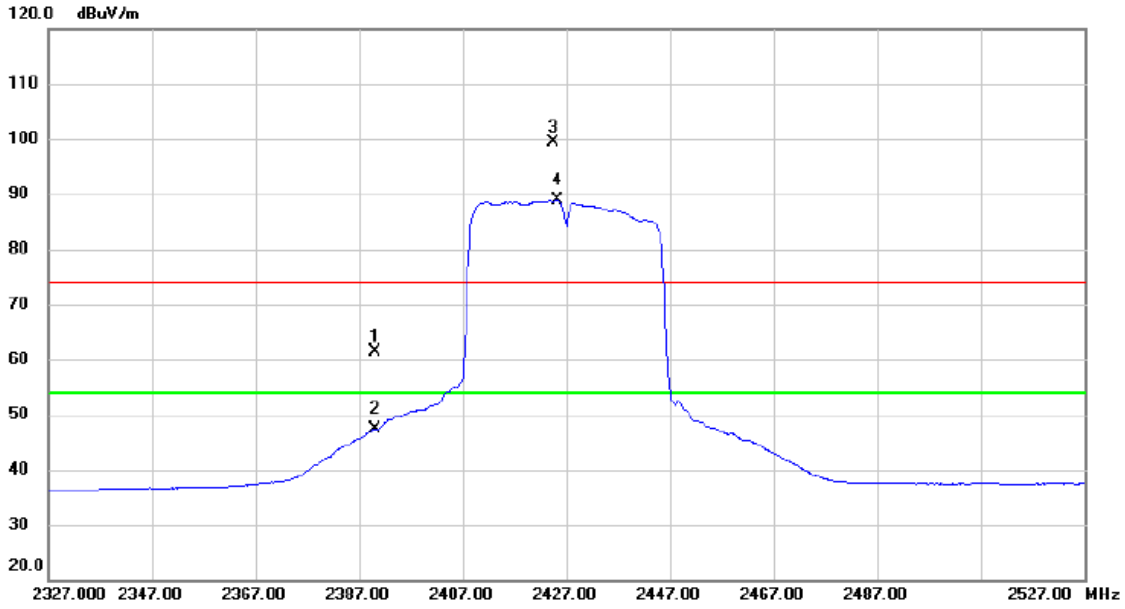
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		7280.380	35.65	10.42	46.07	74.00	-27.93	peak	
2	*	7281.085	21.93	10.42	32.35	54.00	-21.65	AVG	

Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2427MHz

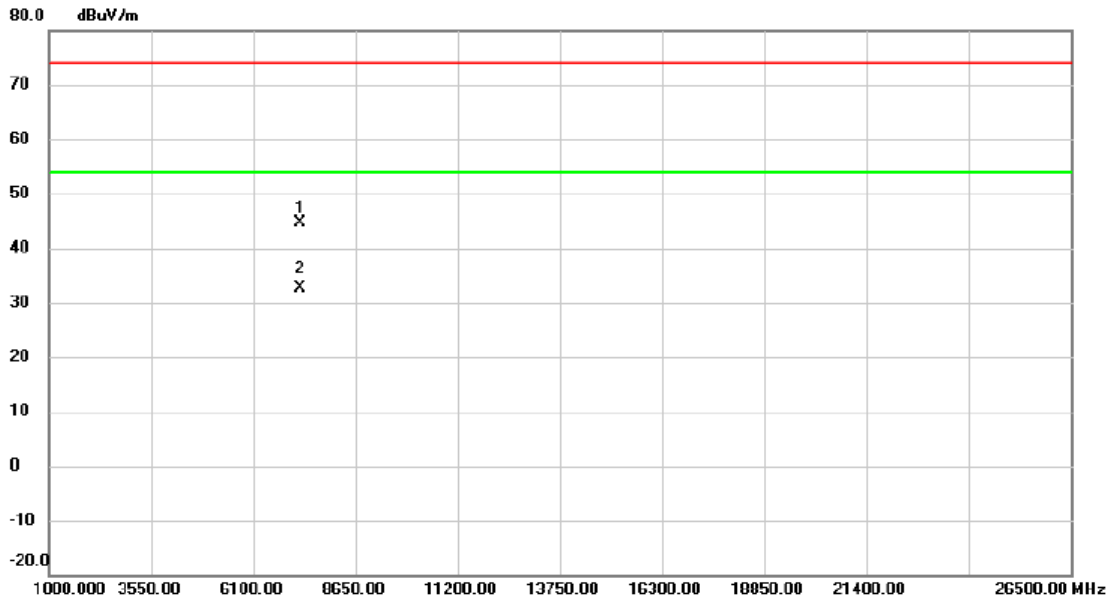
**Horizontal**



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2390.000	52.38	8.99	61.37	74.00	-12.63	peak	
2		2390.000	38.39	8.99	47.38	54.00	-6.62	AVG	
3	X	2424.600	90.26	9.16	99.42	74.00	25.42	peak	No Limit
4	*	2425.200	79.69	9.16	88.85	54.00	34.85	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2427MHz

### Horizontal



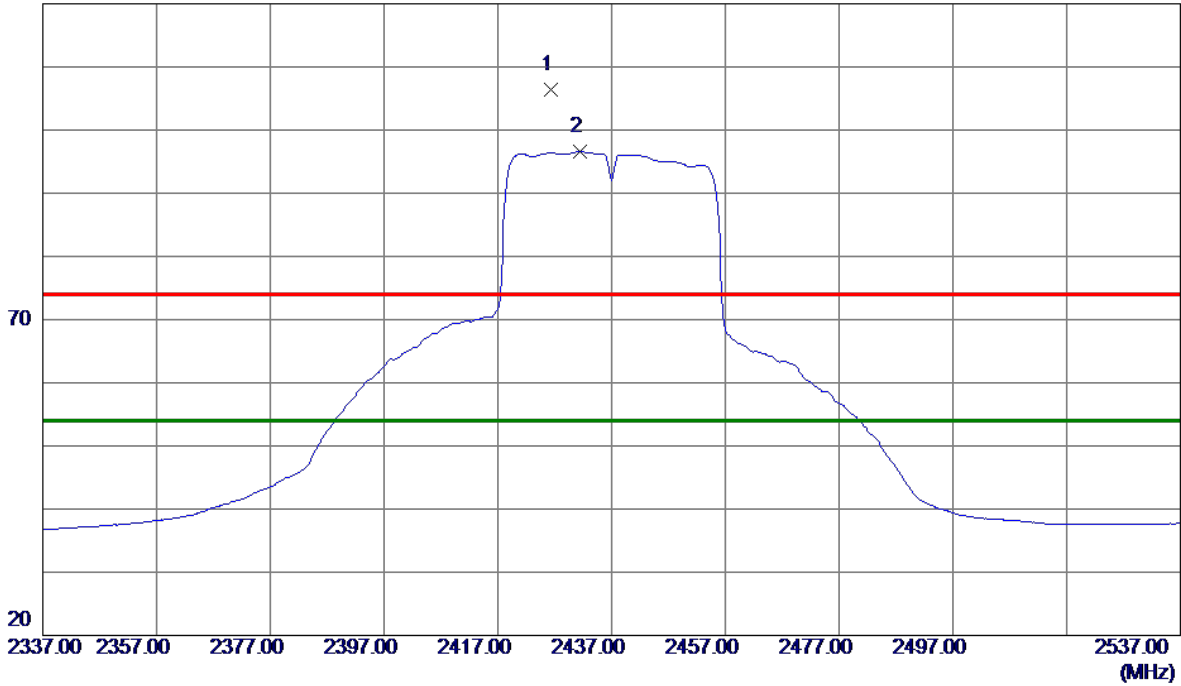
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		7283.300	34.25	10.43	44.68	74.00	-29.32	peak	
2	*	7284.600	22.27	10.43	32.70	54.00	-21.30	AVG	



Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2437MHz

**Vertical**

120 dBuV/m

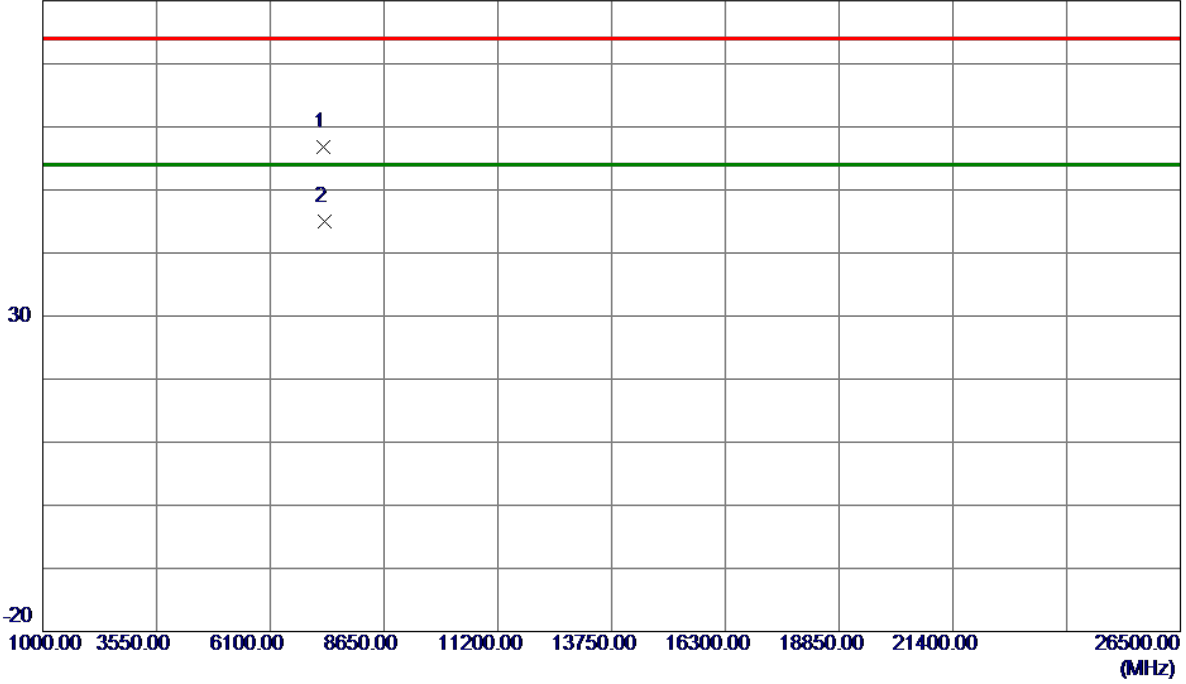


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2426.4000	97.22	9.17	106.39	74.00	32.39	Peak	No Limit
2 *	2431.4000	87.41	9.20	96.61	54.00	42.61	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2437MHz

**Vertical**

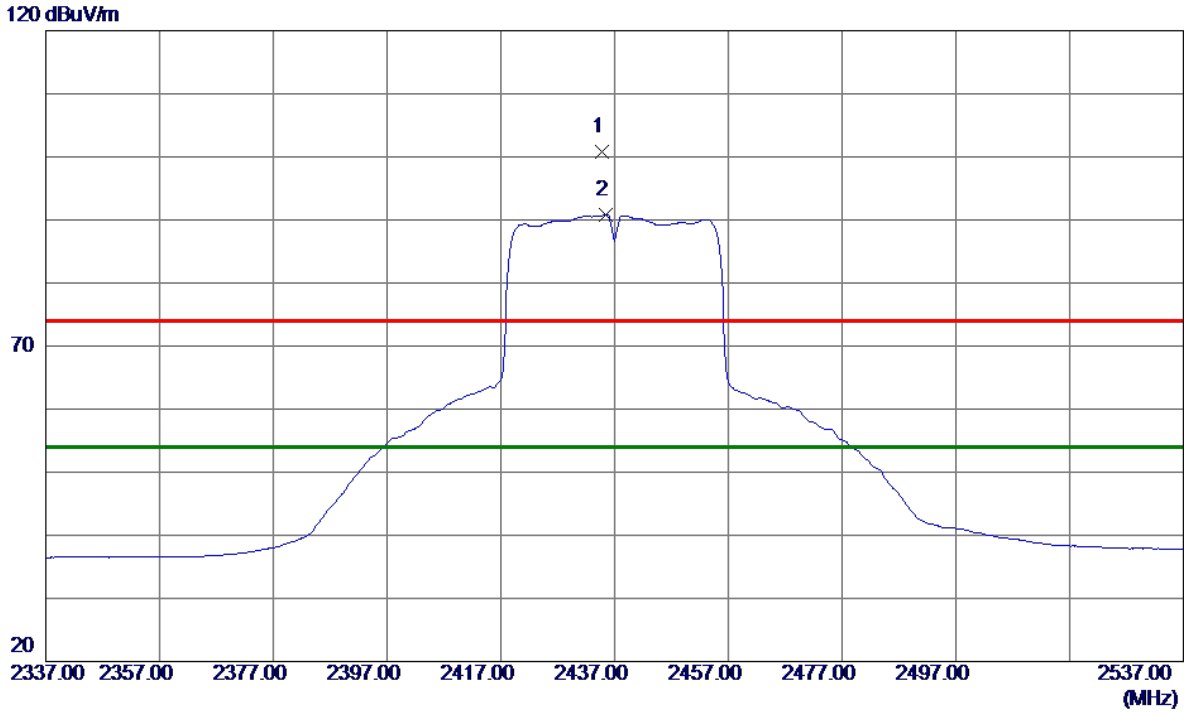
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7302.6500	46.25	10.47	56.72	74.00	-17.28	Peak	
2 *	7314.5000	34.42	10.49	44.91	54.00	-9.09	AVG	

Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2437MHz

**Horizontal**

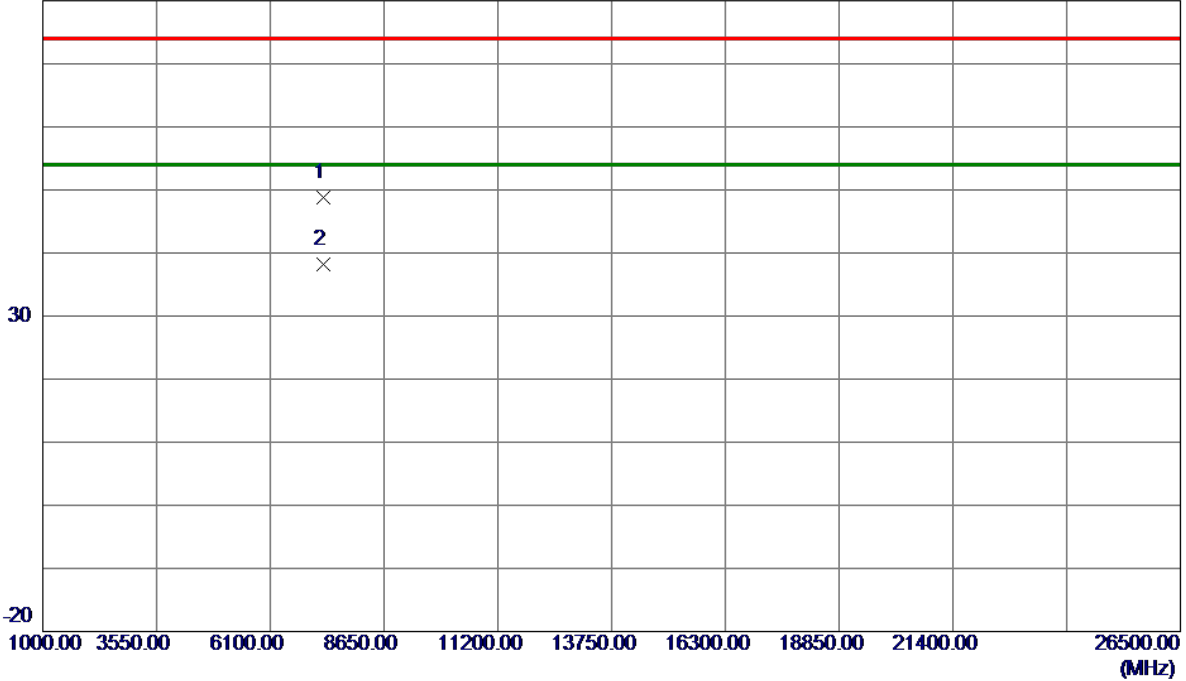


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2434.8000	91.62	9.21	100.83	74.00	26.83	Peak	No Limit
2 *	2435.4000	81.57	9.22	90.79	54.00	36.79	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2437MHz

**Horizontal**

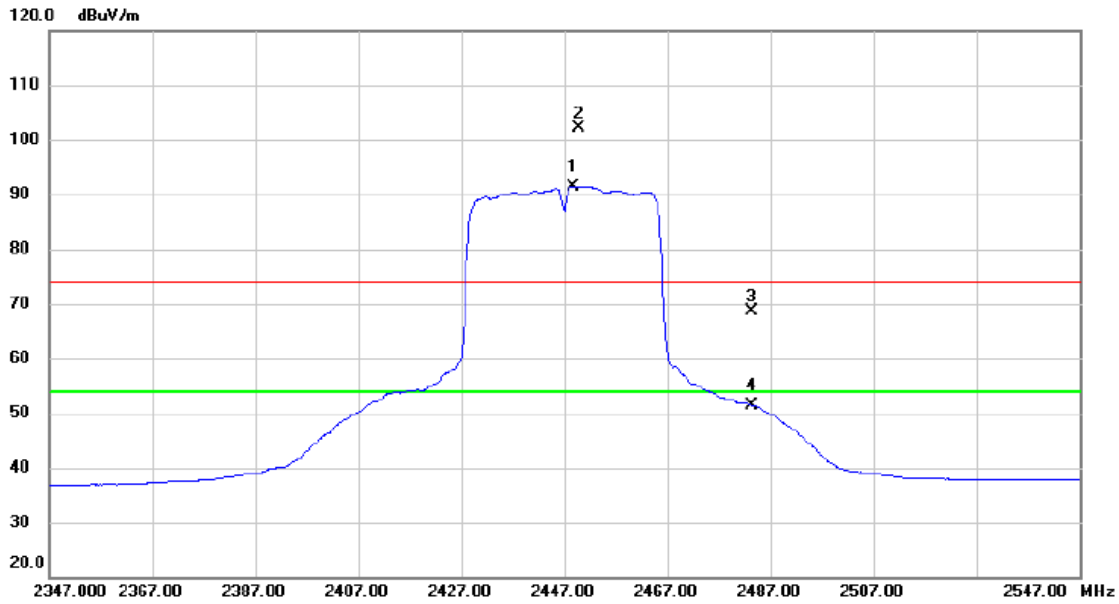
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7298.6000	38.39	10.46	48.85	74.00	-25.15	Peak	
2 *	7301.6000	27.65	10.47	38.12	54.00	-15.88	AVG	

Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2447MHz

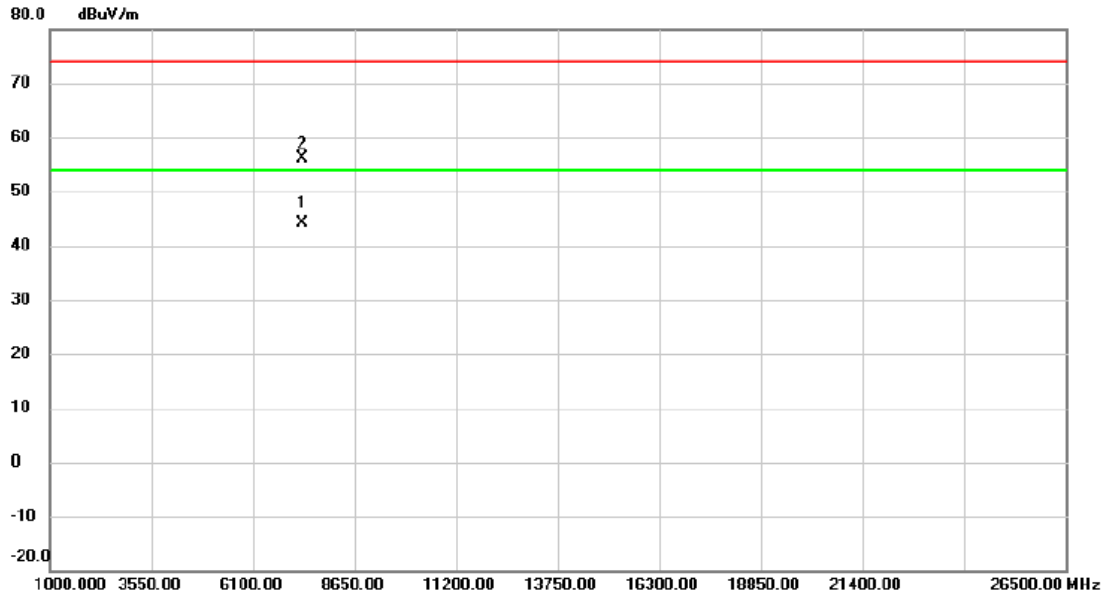
### Vertical



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2448.800	82.14	9.29	91.43	54.00	37.43	AVG	No Limit
2 X	2449.800	92.72	9.29	102.01	74.00	28.01	peak	No Limit
3	2483.500	59.17	9.45	68.62	74.00	-5.38	peak	
4	2483.500	42.02	9.45	51.47	54.00	-2.53	AVG	

Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2447MHz

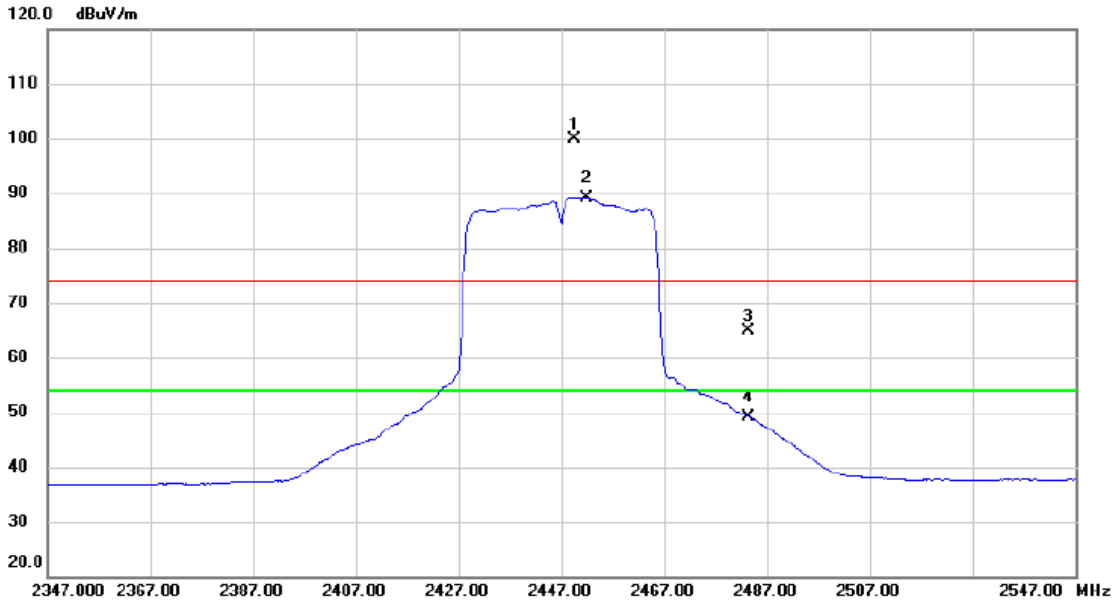
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	7344.600	33.60	10.55	44.15	54.00	-9.85	AVG	
2		7348.000	45.59	10.56	56.15	74.00	-17.85	peak	

Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2447MHz

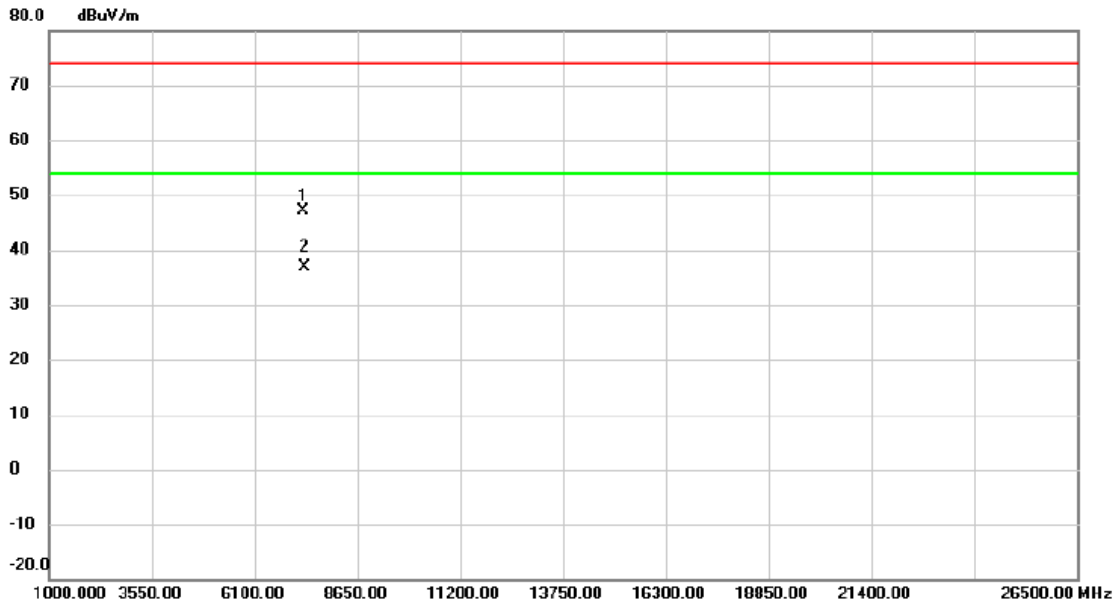
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	2449.600	90.65	9.29	99.94	74.00	25.94	peak	No Limit
2	*	2451.800	79.89	9.30	89.19	54.00	35.19	AVG	No Limit
3		2483.500	55.48	9.45	64.93	74.00	-9.07	peak	
4		2483.500	39.74	9.45	49.19	54.00	-4.81	AVG	

Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2447MHz

### Horizontal



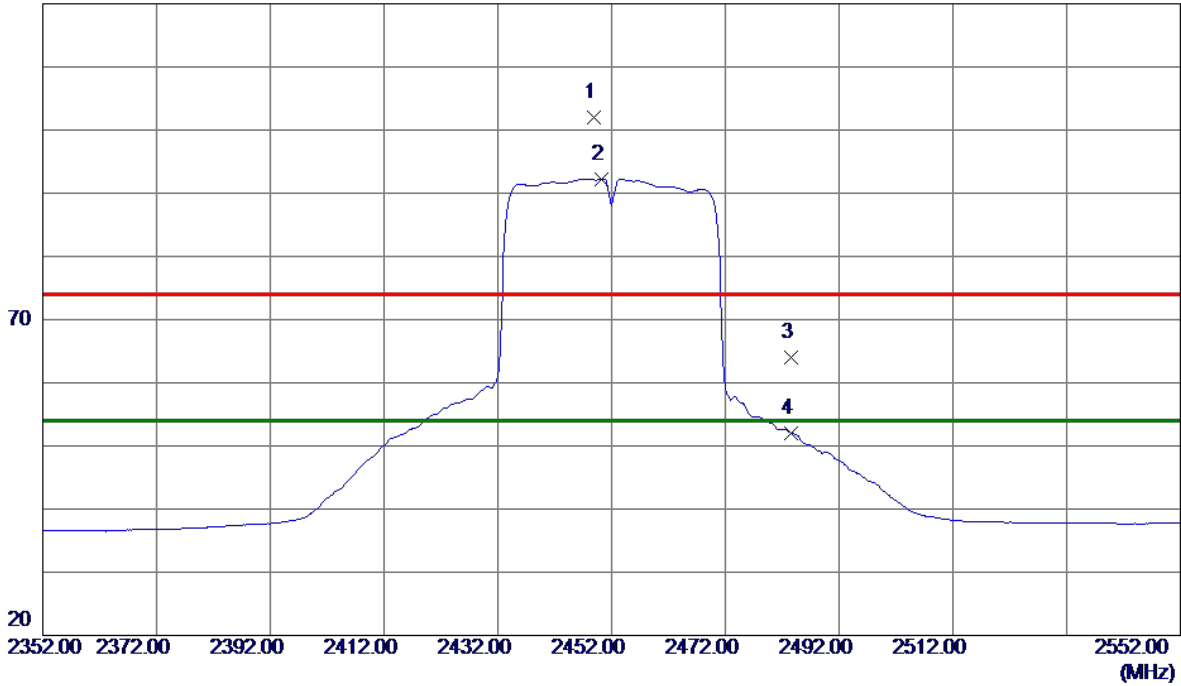
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		7323.000	36.69	10.51	47.20	74.00	-26.80	peak	
2	*	7342.900	26.25	10.54	36.79	54.00	-17.21	AVG	



Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2452MHz

**Vertical**

120 dBuV/m

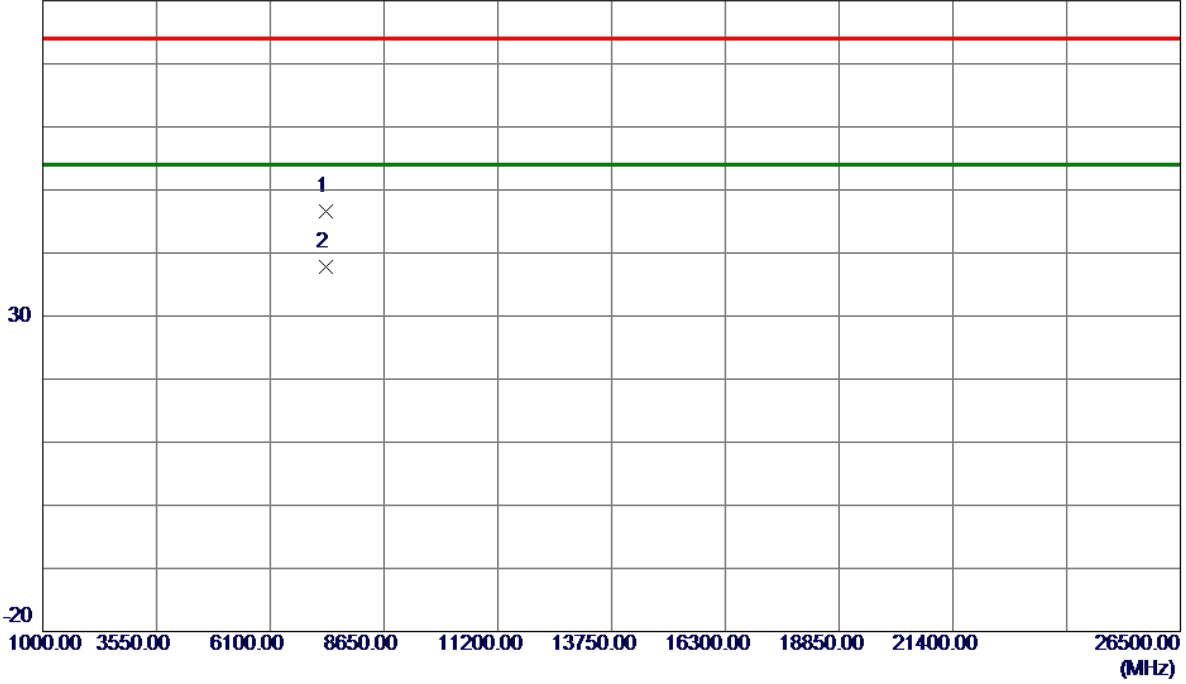


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2448.8000	92.74	9.28	102.02	74.00	28.02	Peak	No Limit
2 *	2450.2000	82.96	9.29	92.25	54.00	38.25	AVG	No Limit
3	2483.5000	54.49	9.46	63.95	74.00	-10.05	Peak	
4	2483.5000	42.62	9.46	52.08	54.00	-1.92	AVG	

Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2452MHz

**Vertical**

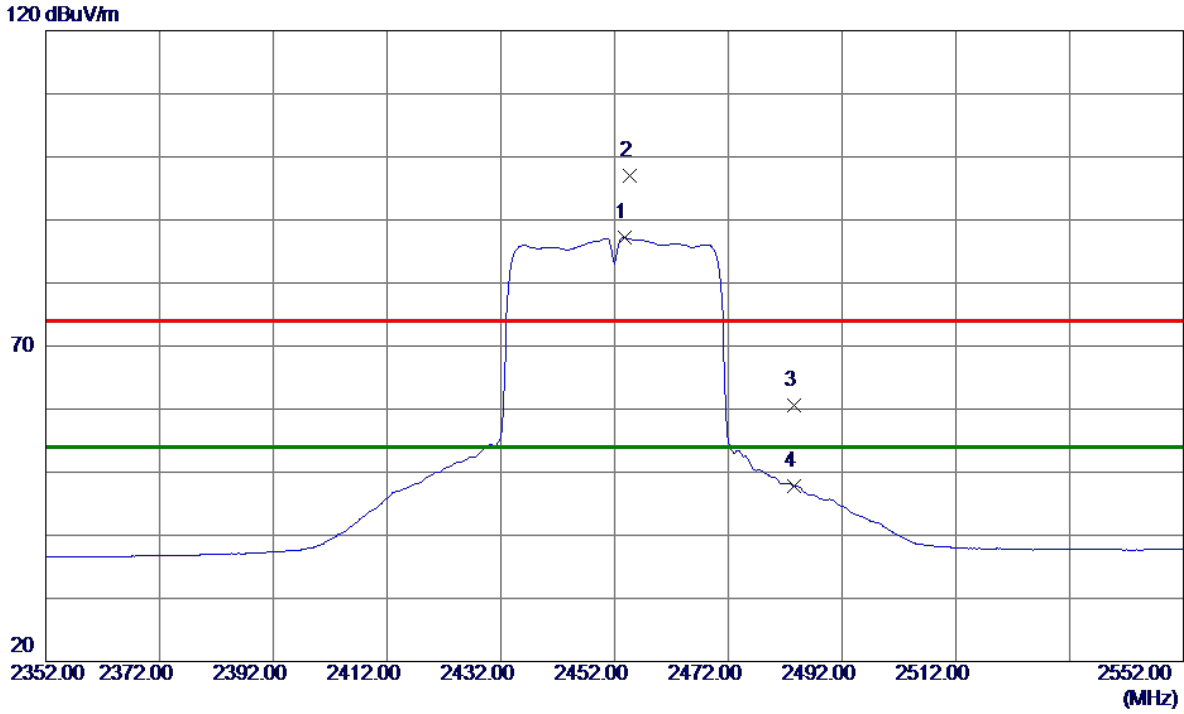
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7337.7000	36.00	10.53	46.53	74.00	-27.47	Peak	
2 *	7359.0000	27.30	10.57	37.87	54.00	-16.13	AVG	

Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2452MHz

**Horizontal**

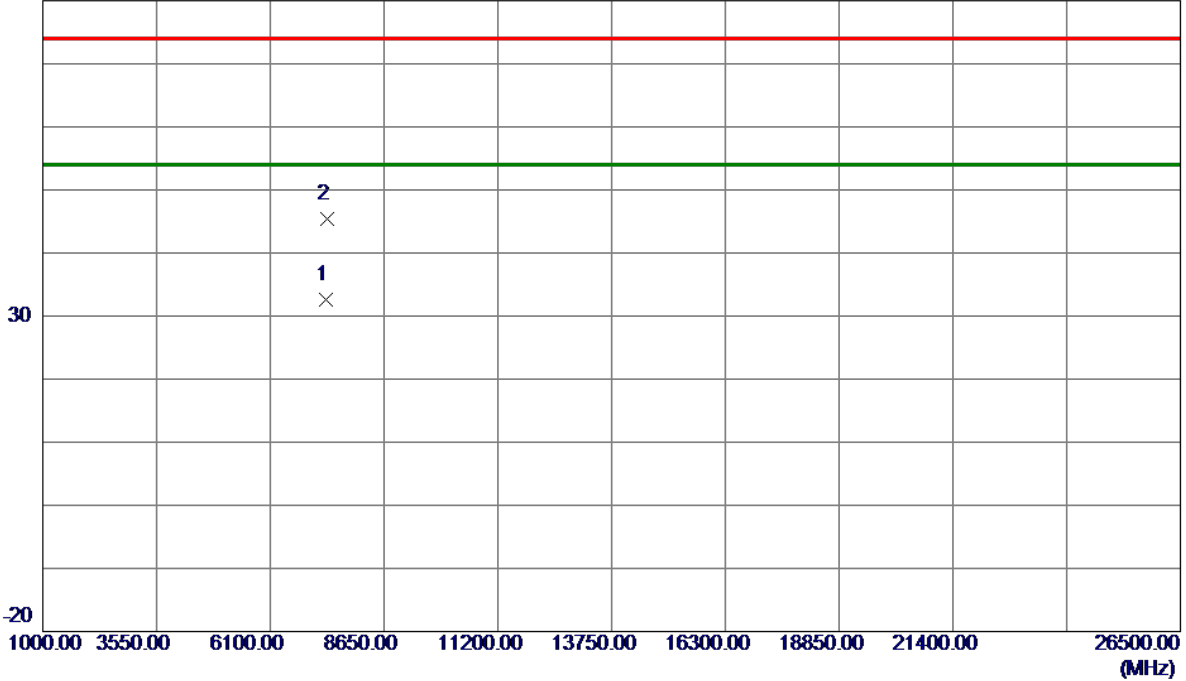


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2453.8000	77.86	9.31	87.17	54.00	33.17	AVG	No Limit
2	2454.6000	87.72	9.31	97.03	74.00	23.03	Peak	No Limit
3	2483.5000	51.13	9.46	60.59	74.00	-13.41	Peak	
4	2483.5000	38.39	9.46	47.85	54.00	-6.15	AVG	

Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2452MHz

**Horizontal**

80 dBuV/m

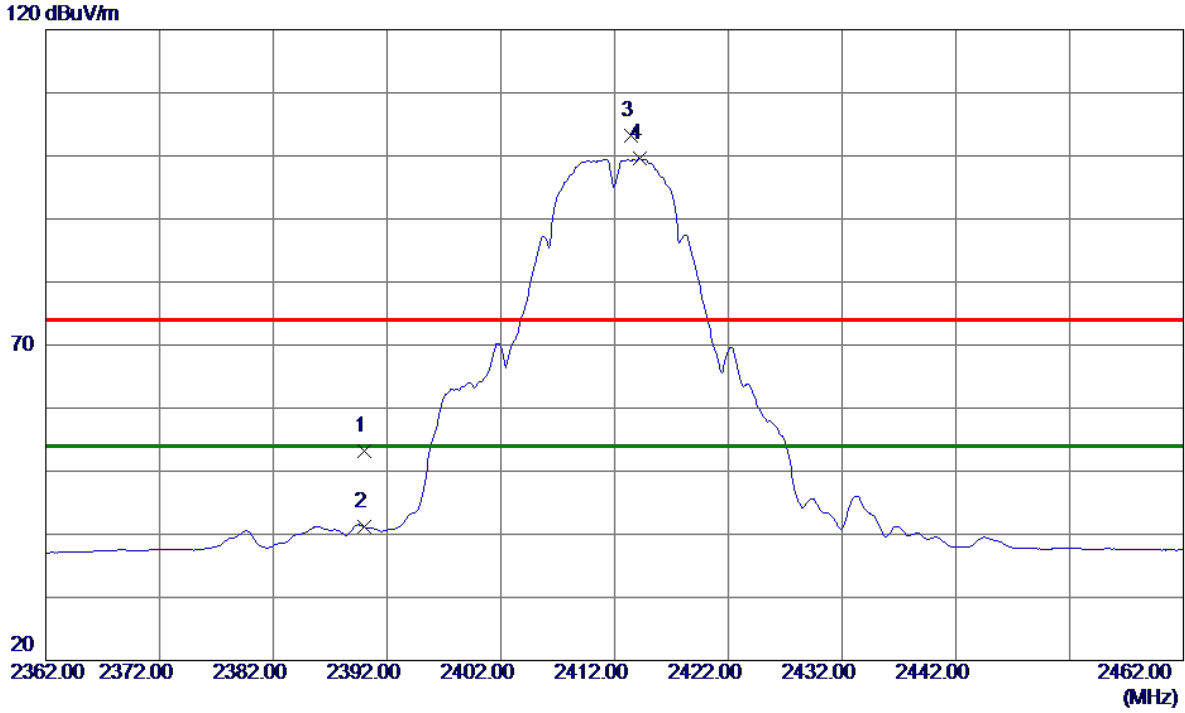


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7360.3000	22.01	10.58	32.59	54.00	-21.41	AVG	
2	7364.5000	34.78	10.59	45.37	74.00	-28.63	Peak	

**ANT 2**

Orthogonal Axis :	X
Test Mode :	TX B MODE 2412MHz

**Vertical**

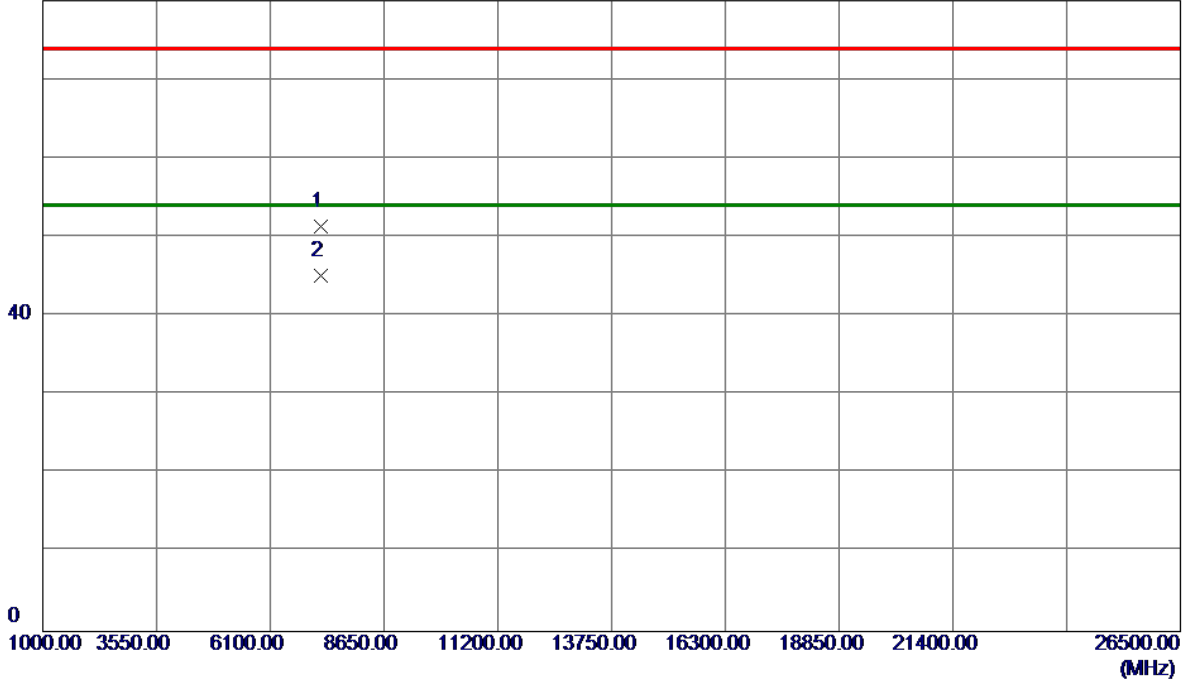


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	44.01	9.15	53.16	74.00	-20.84	Peak	
2	2390.0000	32.00	9.15	41.15	54.00	-12.85	AVG	
3	2413.4000	93.93	9.27	103.20	74.00	29.20	Peak	No Limit
4 *	2414.2000	90.25	9.27	99.52	54.00	45.52	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	TX B MODE 2412MHz

**Vertical**

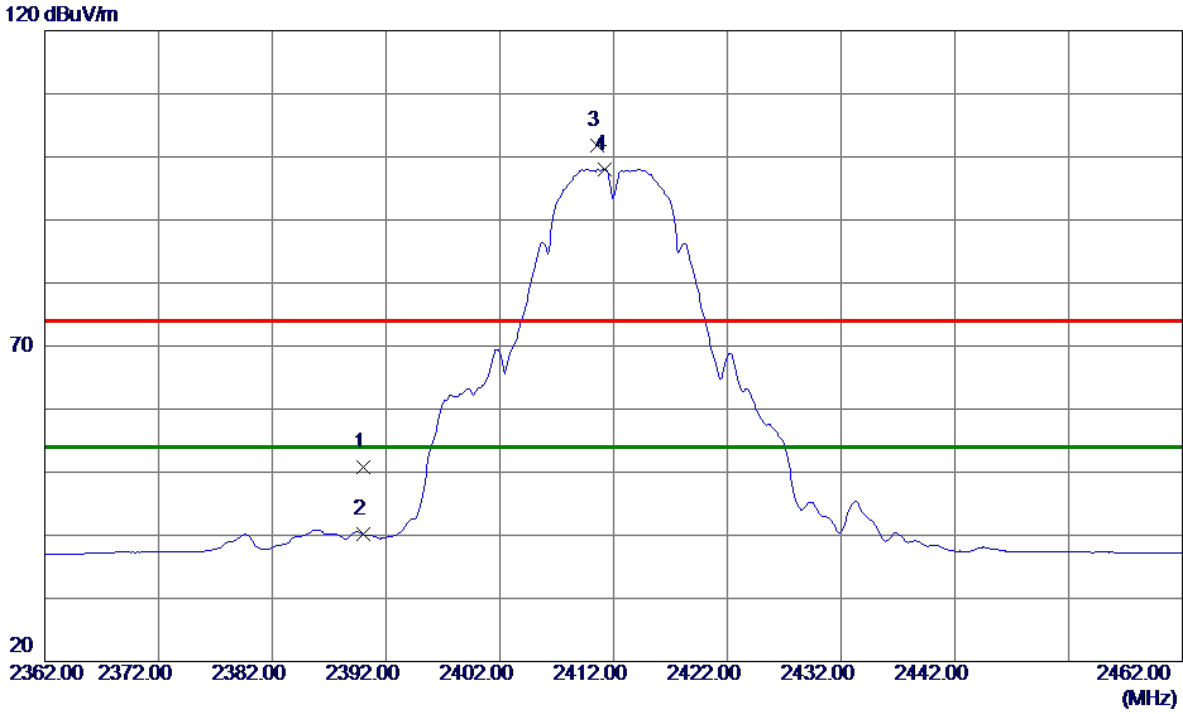
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7235.8000	40.99	10.34	51.33	74.00	-22.67	Peak	
2 *	7236.7000	34.80	10.35	45.15	54.00	-8.85	AVG	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2412MHz

**Horizontal**

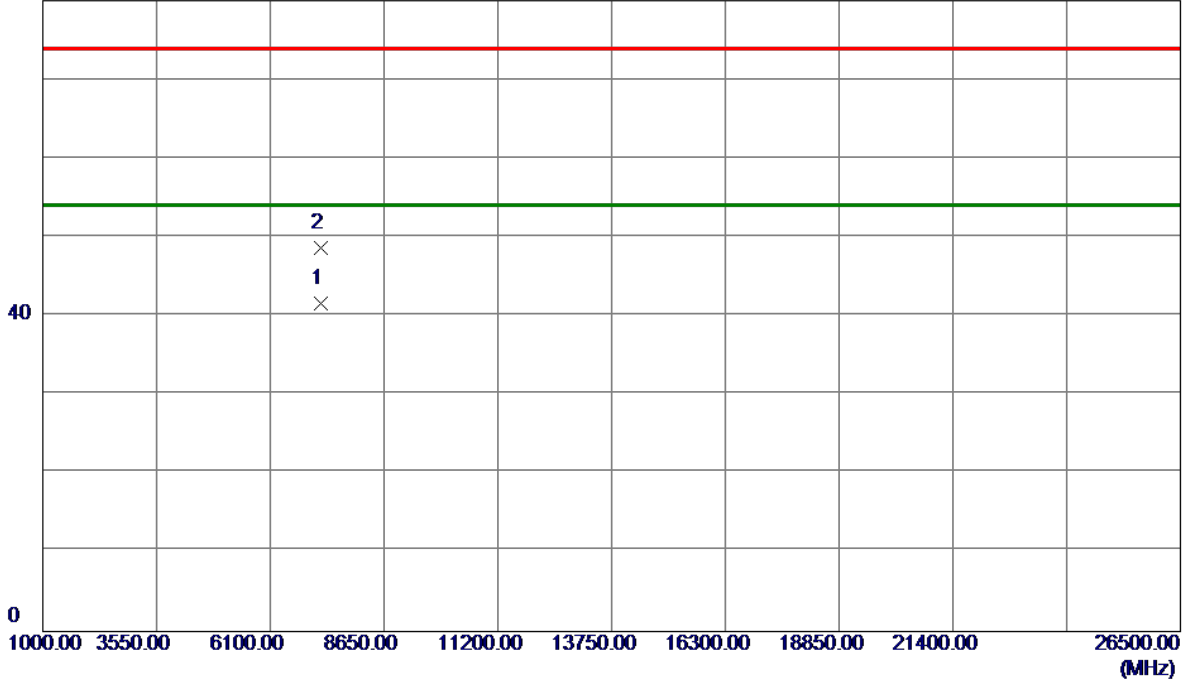


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	41.70	9.15	50.85	74.00	-23.15	Peak	
2	2390.0000	31.04	9.15	40.19	54.00	-13.81	AVG	
3	2410.6000	92.47	9.25	101.72	74.00	27.72	Peak	No Limit
4 *	2411.2000	88.81	9.26	98.07	54.00	44.07	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	TX B MODE 2412MHz

**Horizontal**

80 dBuV/m

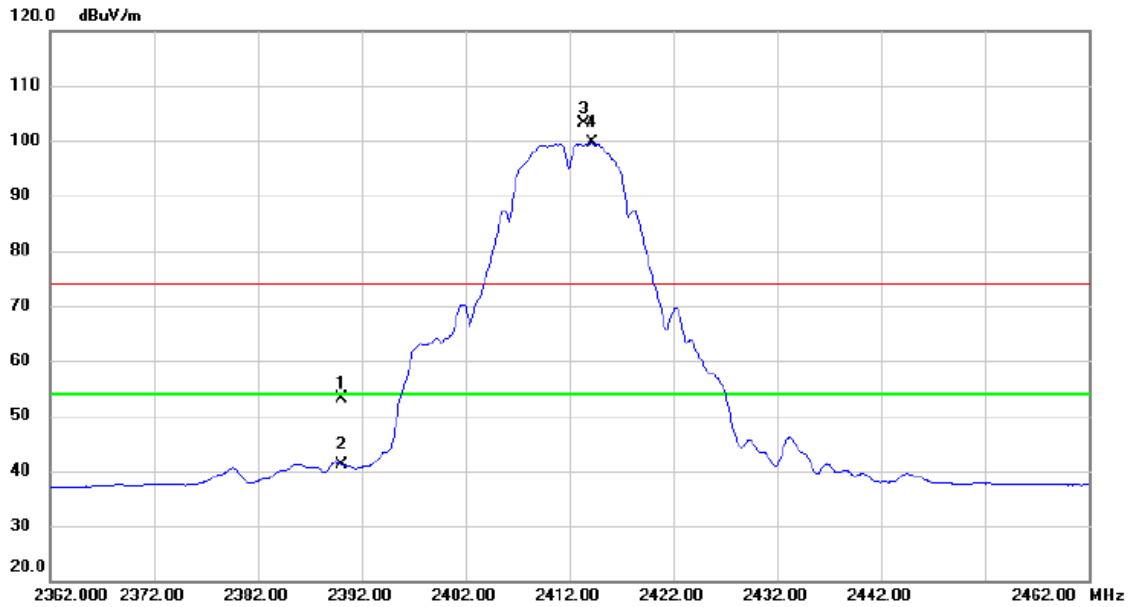


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7235.2000	31.22	10.34	41.56	54.00	-12.44	AVG	
2	7235.6000	38.36	10.34	48.70	74.00	-25.30	Peak	



Orthogonal Axis :	X
Test Mode :	TX B MODE 2417MHz

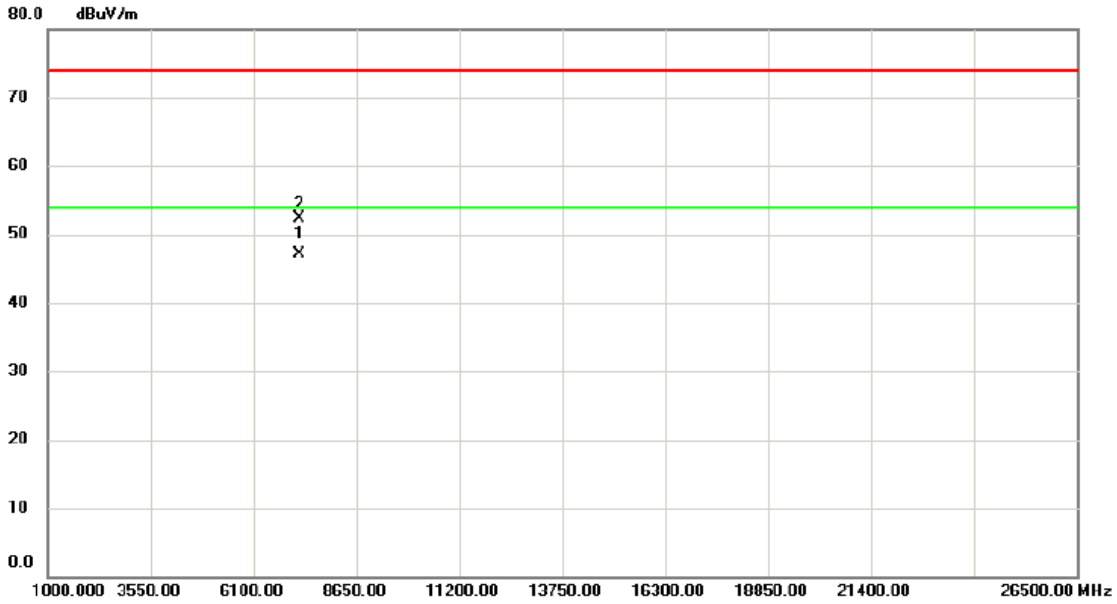
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2390.000	44.01	9.15	53.16	74.00	-20.84	peak	
2		2390.000	32.00	9.15	41.15	54.00	-12.85	AVG	
3	X	2413.400	93.94	9.26	103.20	74.00	29.20	peak	No Limit
4	*	2414.200	90.24	9.28	99.52	54.00	45.52	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	TX B MODE 2417MHz

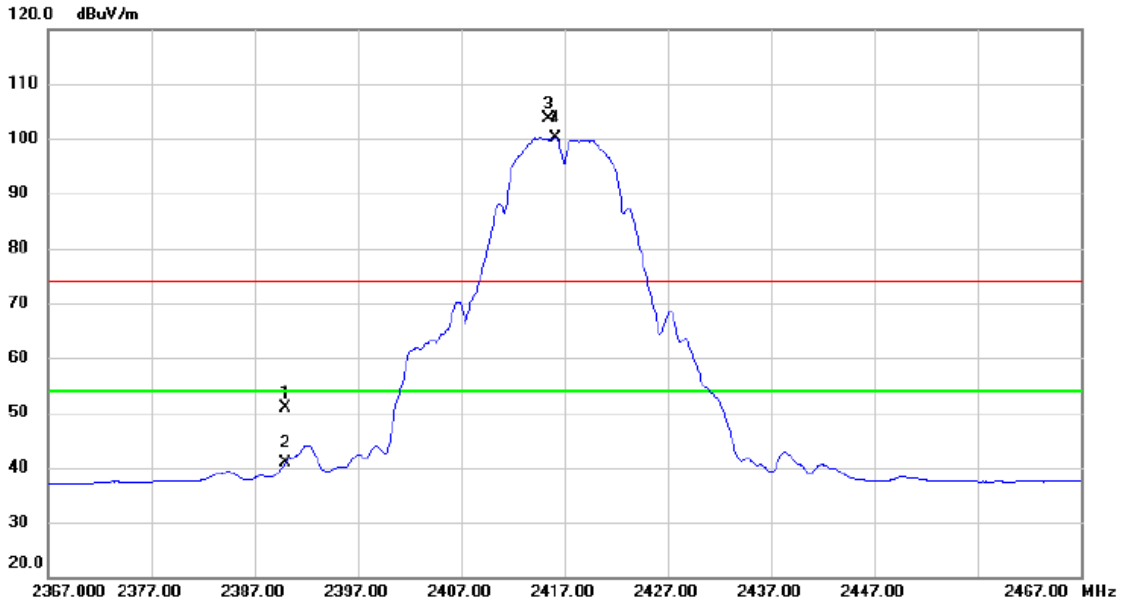
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	7250.200	36.77	10.37	47.14	54.00	-6.86	AVG	
2		7250.400	41.94	10.37	52.31	74.00	-21.69	peak	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2417MHz

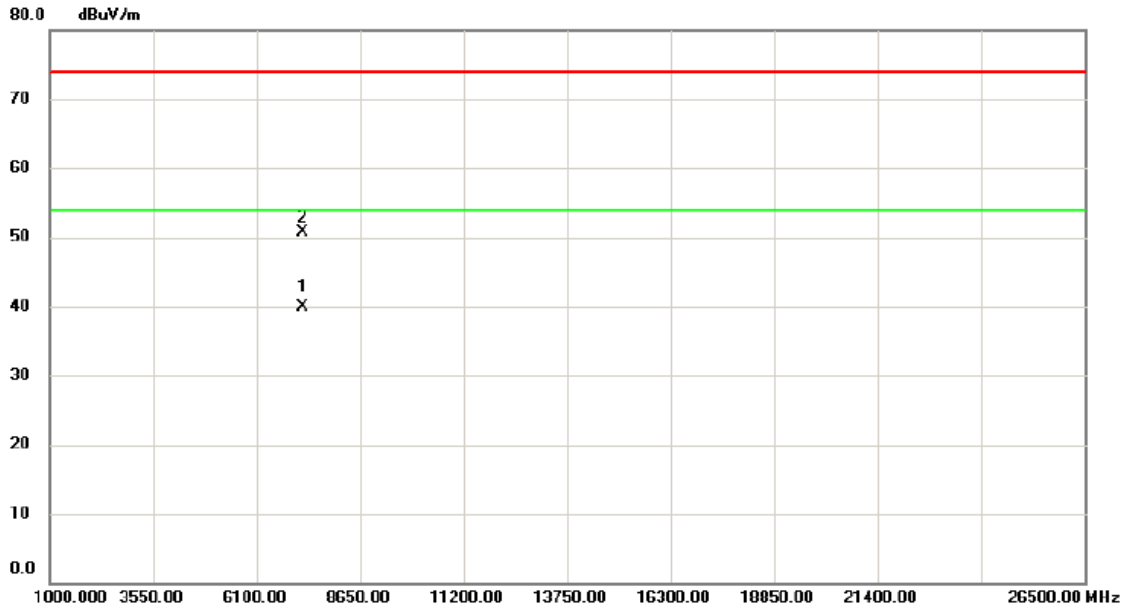
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2390.000	41.97	8.99	50.96	74.00	-23.04	peak	
2		2390.000	31.96	8.99	40.95	54.00	-13.05	AVG	
3	X	2415.500	94.62	9.11	103.73	74.00	29.73	peak	No Limit
4	*	2416.200	91.01	9.11	100.12	54.00	46.12	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	TX B MODE 2417MHz

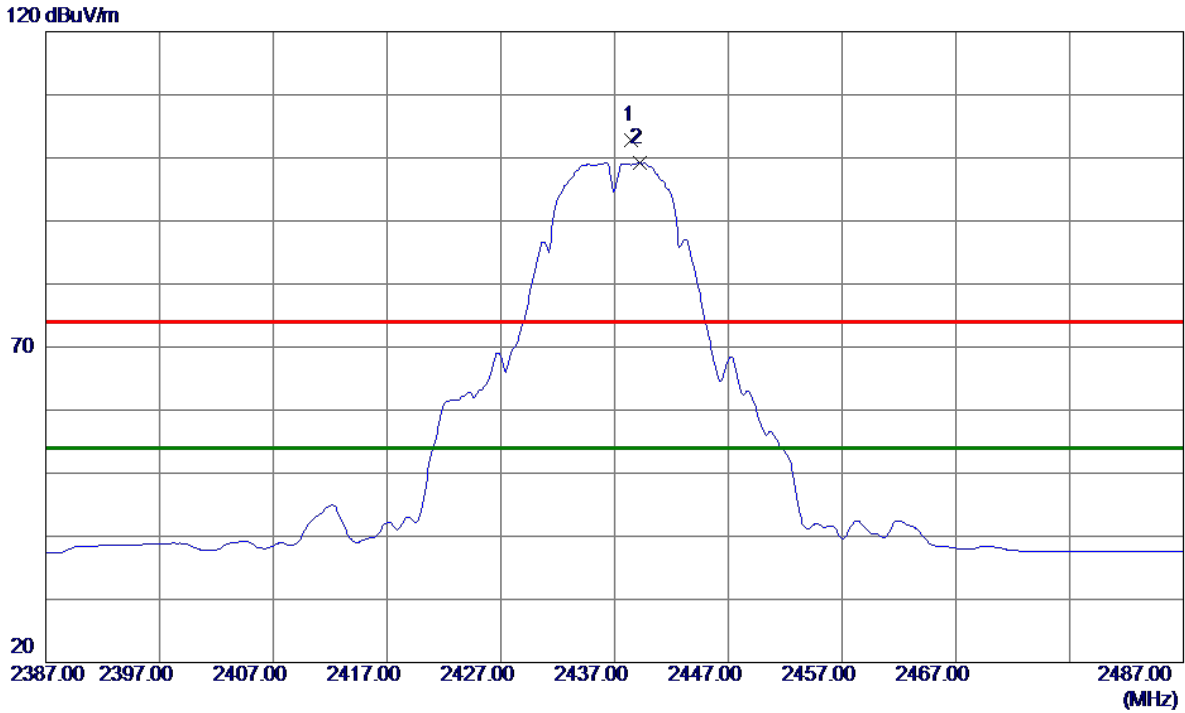
### Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1	*	7247.800	29.63	10.36	39.99	54.00	-14.01	AVG	
2		7252.400	40.28	10.38	50.66	74.00	-23.34	peak	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2437MHz

**Vertical**

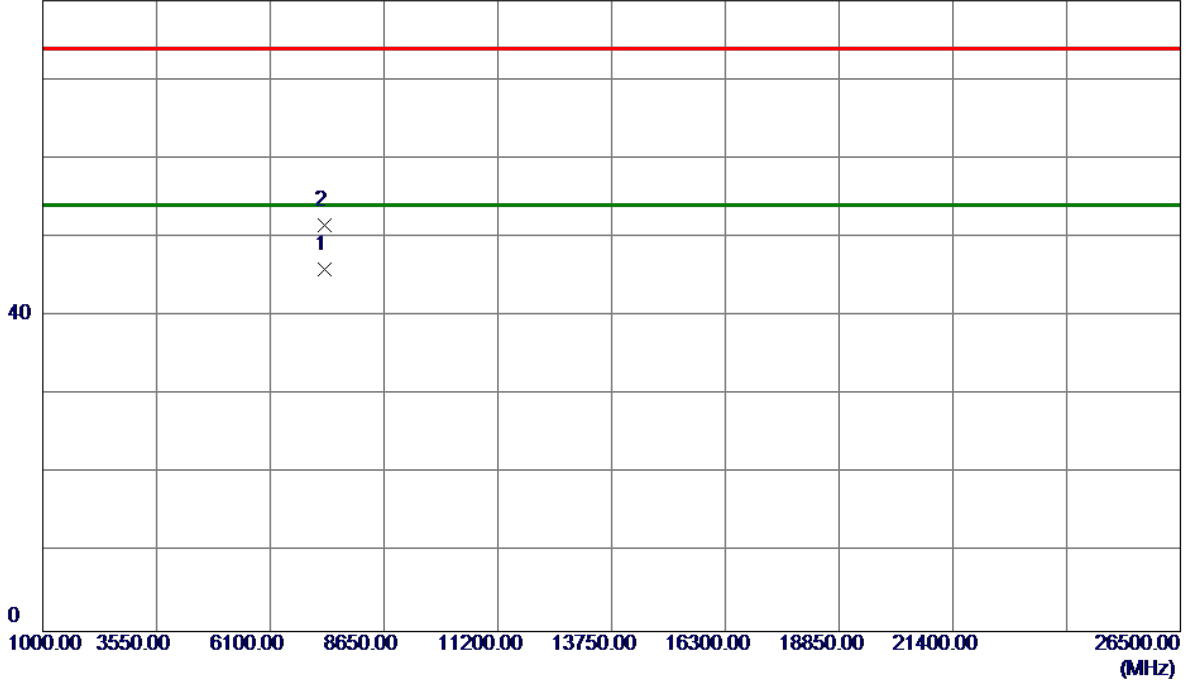


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2438.5000	93.36	9.40	102.76	74.00	28.76	Peak	No Limit
2 *	2439.2000	89.82	9.40	99.22	54.00	45.22	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	TX B MODE 2437MHz

**Vertical**

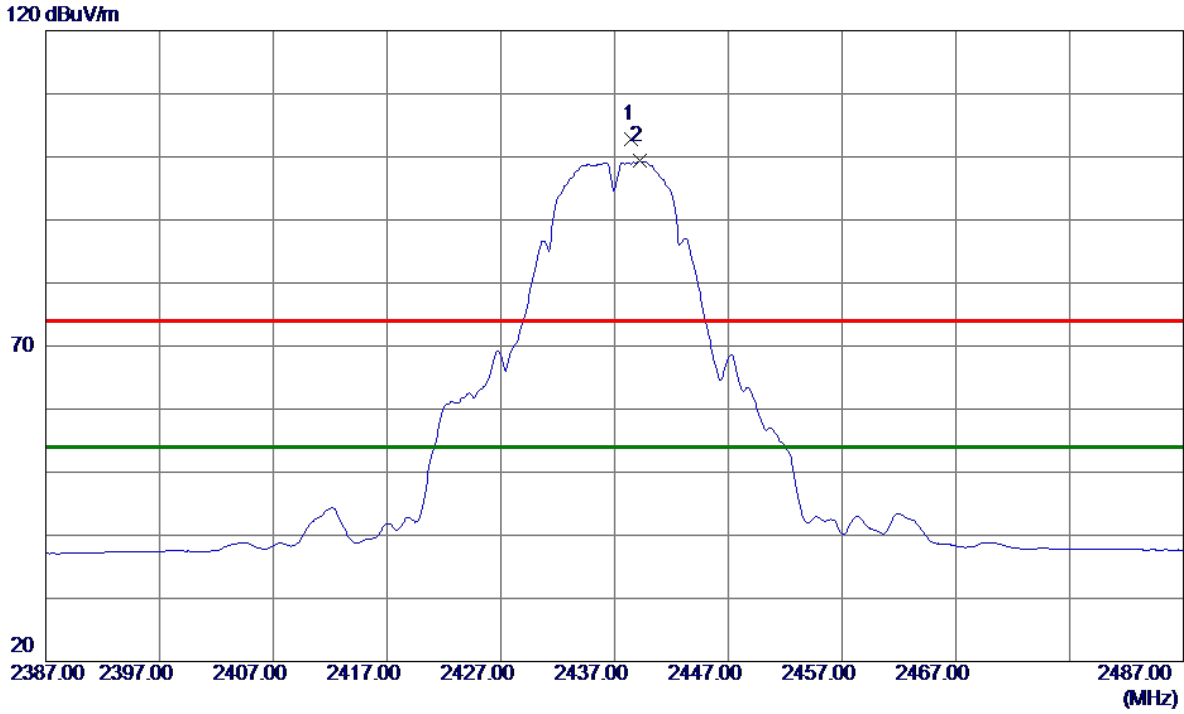
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7310.2000	35.49	10.48	45.97	54.00	-8.03	AVG	
2	7312.4000	41.02	10.49	51.51	74.00	-22.49	Peak	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2437MHz

**Horizontal**

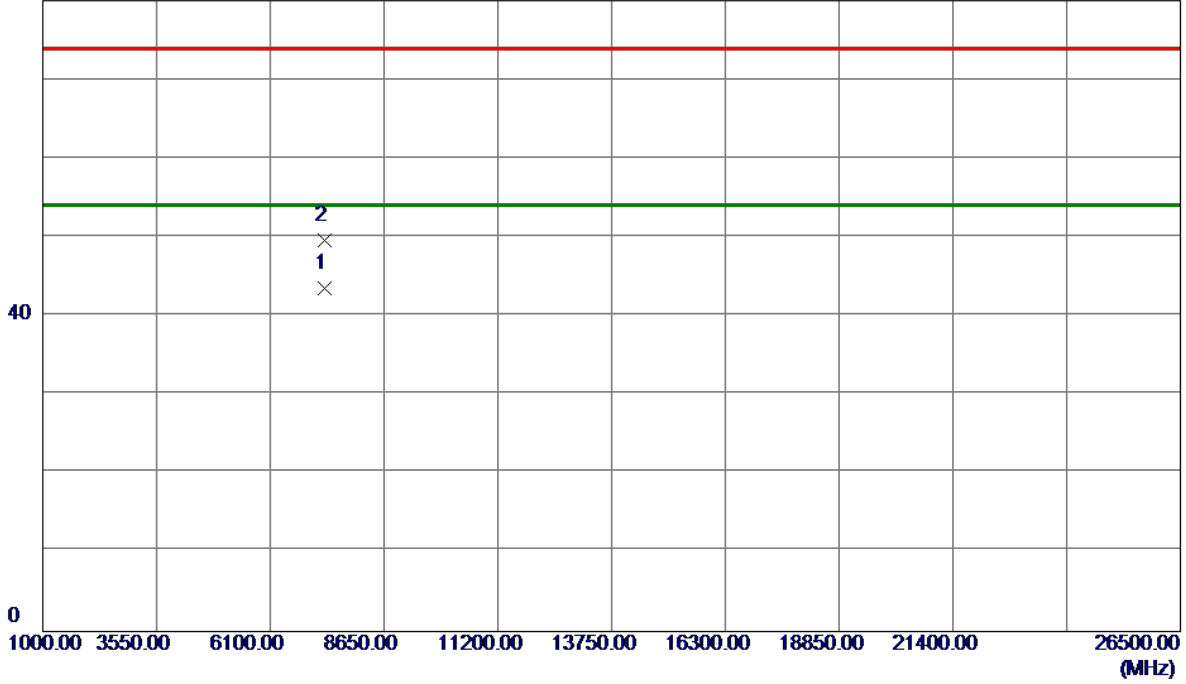


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2438.5000	93.44	9.40	102.84	74.00	28.84	Peak	No Limit
2 *	2439.2000	89.91	9.40	99.31	54.00	45.31	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	TX B MODE 2437MHz

### Horizontal

80 dBuV/m

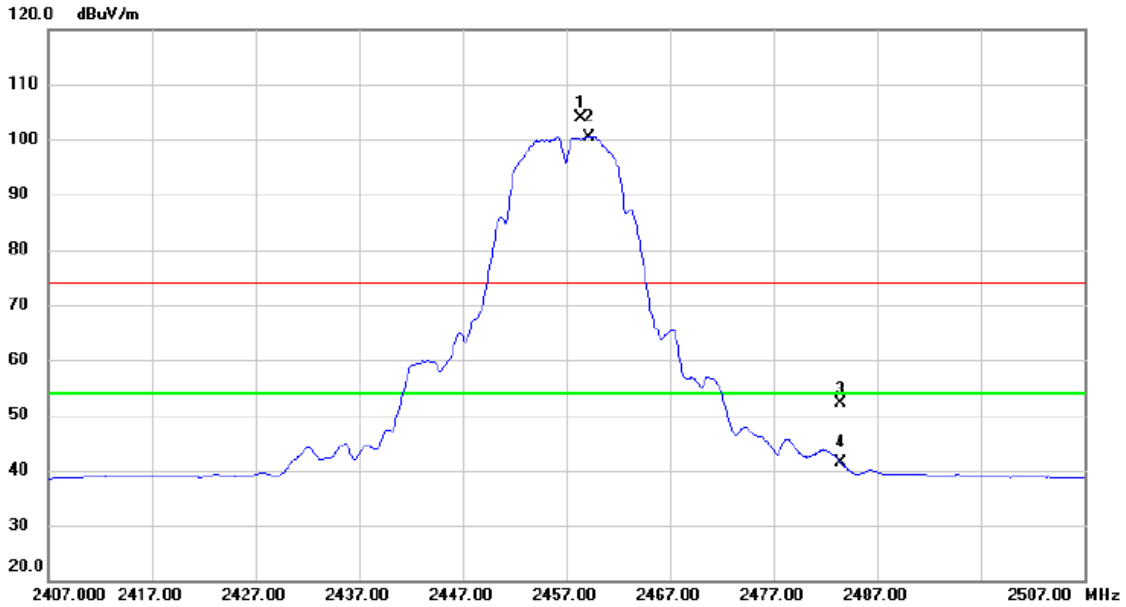


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7310.2000	32.98	10.48	43.46	54.00	-10.54	AVG	
2	7310.8000	39.11	10.48	49.59	74.00	-24.41	Peak	



Orthogonal Axis :	X
Test Mode :	TX B MODE 2457MHz

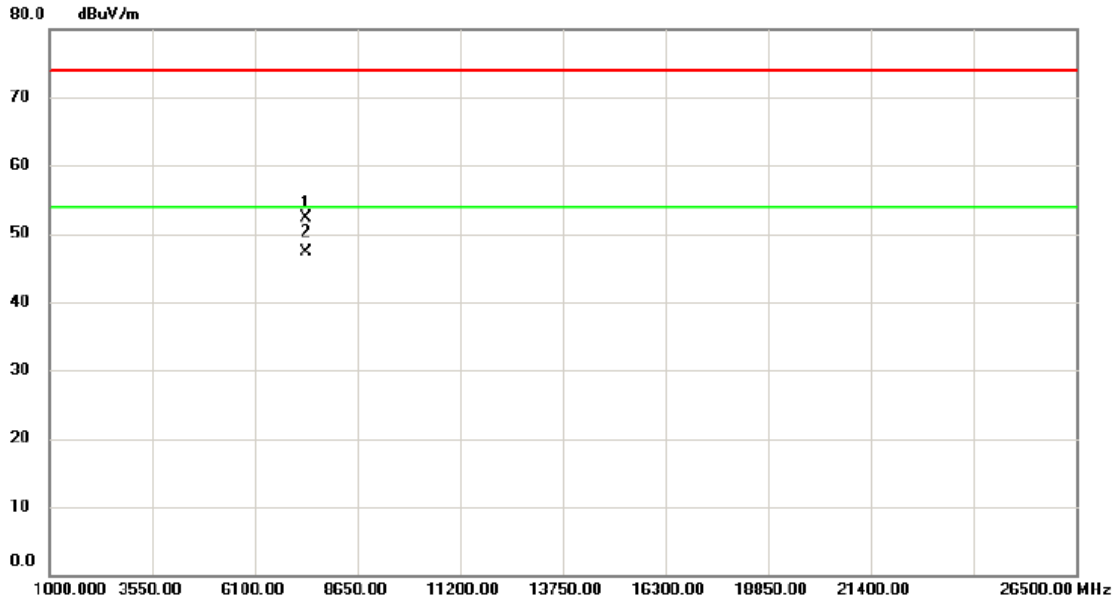
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	2458.400	94.46	9.33	103.79	74.00	29.79	peak	No Limit
2	*	2459.200	91.04	9.34	100.38	54.00	46.38	AVG	No Limit
3		2483.500	42.56	9.45	52.01	74.00	-21.99	peak	
4		2483.500	31.97	9.45	41.42	54.00	-12.58	AVG	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2457MHz

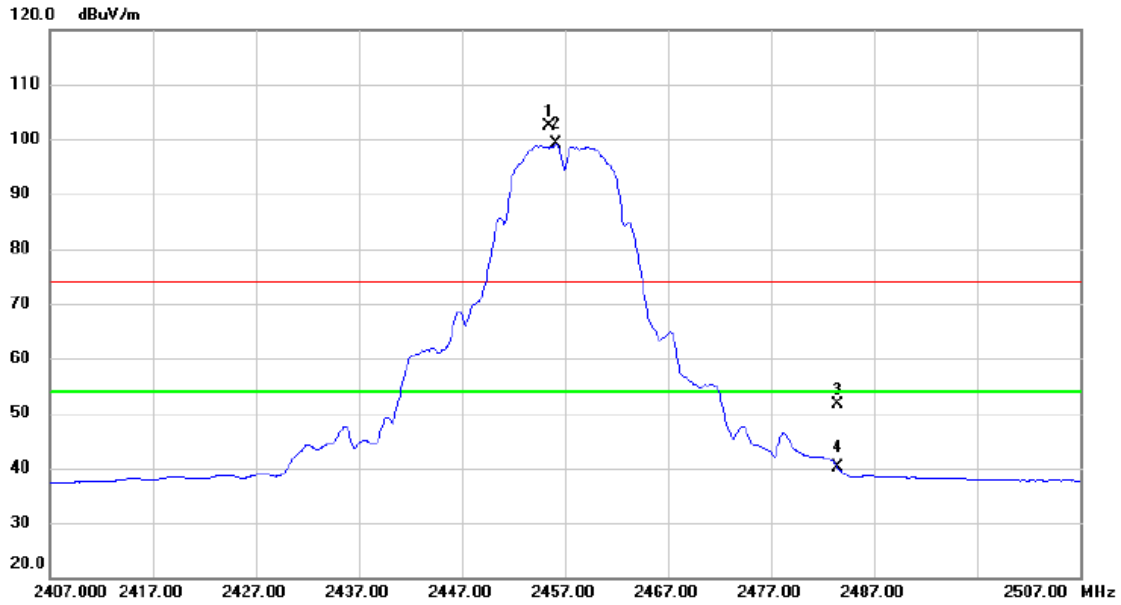
**Vertical**



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		7369.600	41.68	10.60	52.28	74.00	-21.72	peak	
2	*	7371.600	36.72	10.59	47.31	54.00	-6.69	AVG	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2457MHz

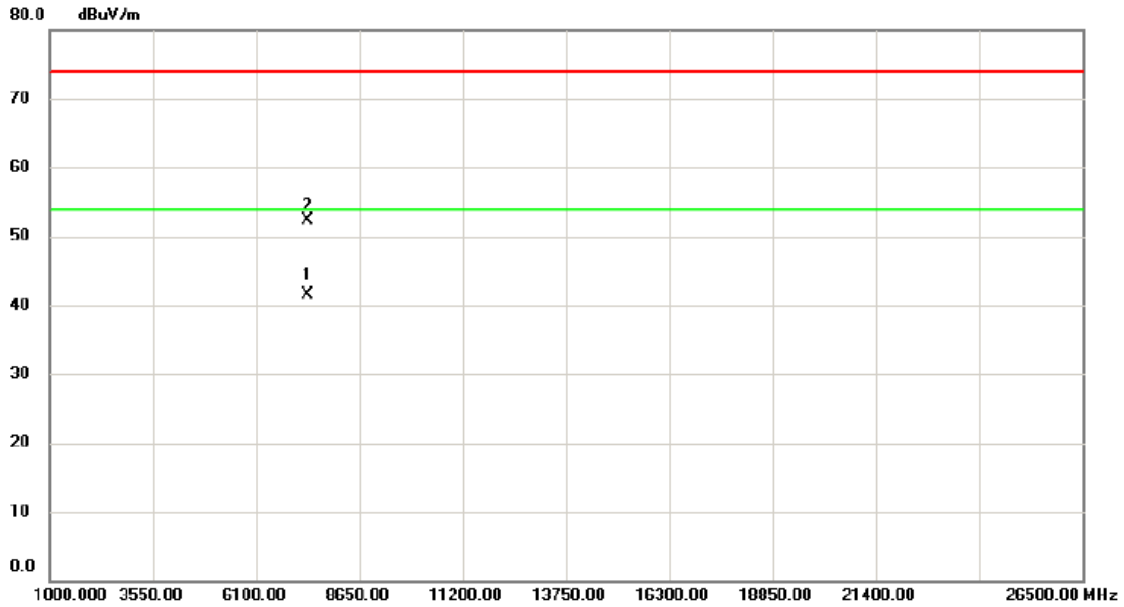
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	2455.500	93.02	9.31	102.33	74.00	28.33	peak	No Limit
2	*	2456.200	89.73	9.32	99.05	54.00	45.05	AVG	No Limit
3		2483.500	42.08	9.45	51.53	74.00	-22.47	peak	
4		2483.500	30.63	9.45	40.08	54.00	-13.92	AVG	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2457MHz

### Horizontal

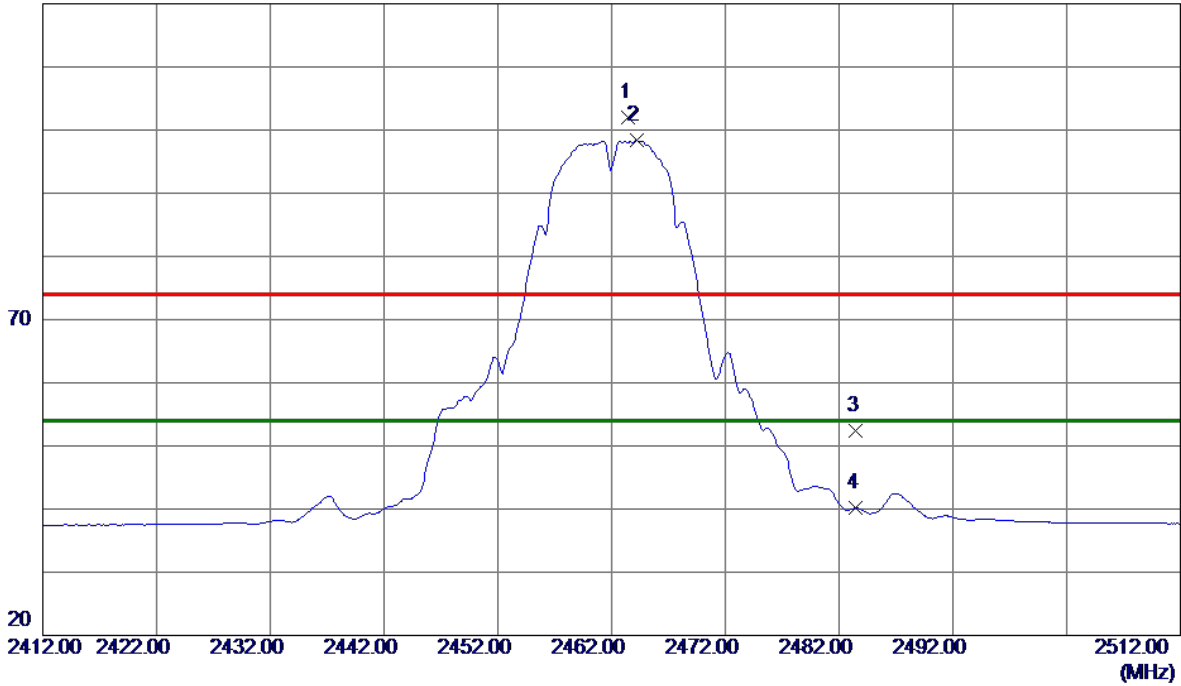


No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7367.700	30.92	10.59	41.51	54.00	-12.49	AVG	
2	7371.400	41.67	10.59	52.26	74.00	-21.74	peak	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2462MHz

**Vertical**

120 dBuV/m

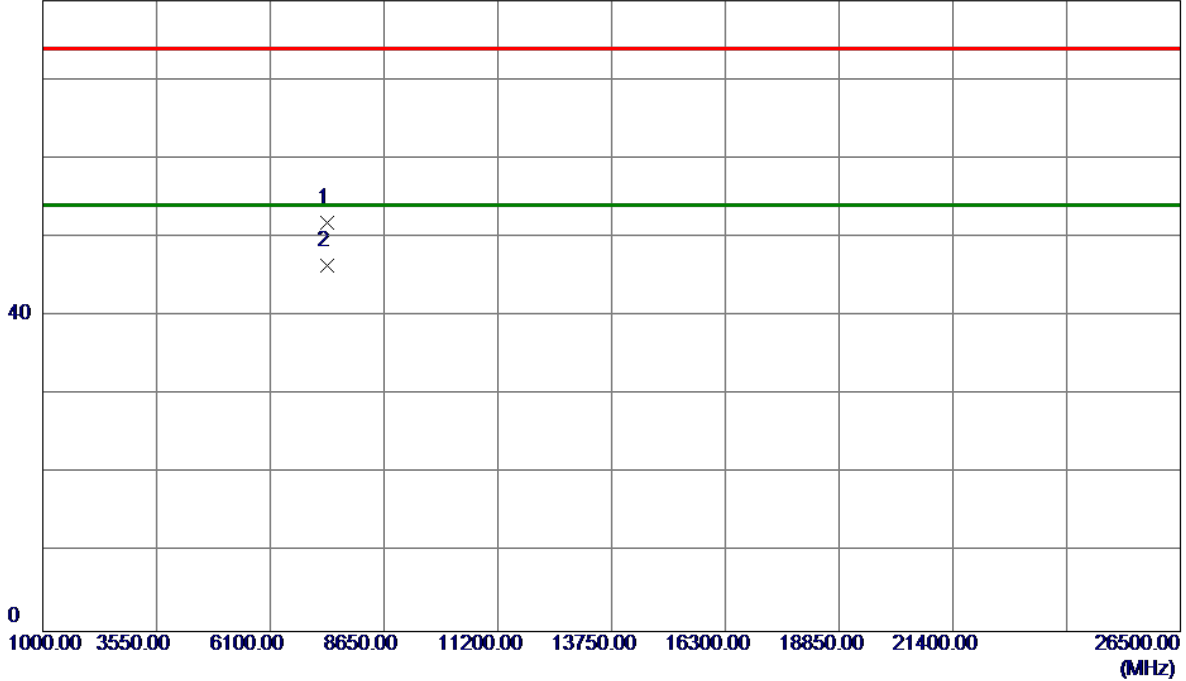


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2463.5000	92.38	9.52	101.90	74.00	27.90	Peak	No Limit
2 *	2464.2000	88.78	9.53	98.31	54.00	44.31	AVG	No Limit
3	2483.5000	42.75	9.63	52.38	74.00	-21.62	Peak	
4	2483.5000	30.55	9.63	40.18	54.00	-13.82	AVG	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2462MHz

**Vertical**

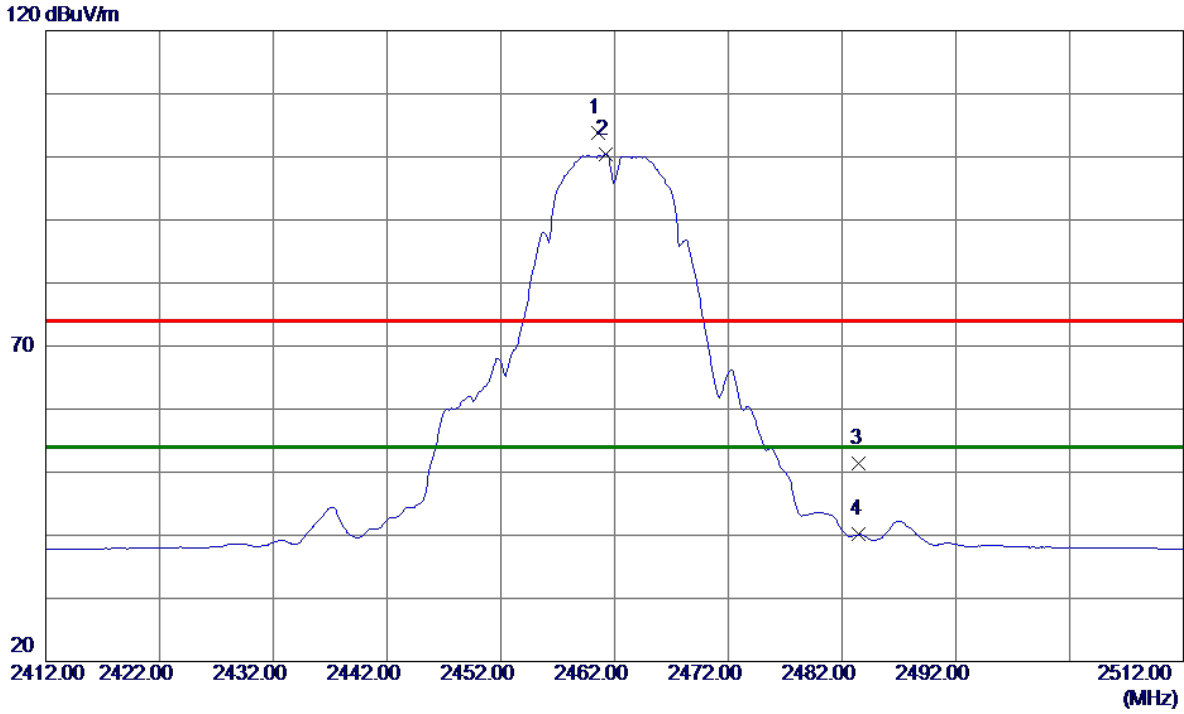
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7384.8000	41.29	10.62	51.91	74.00	-22.09	Peak	
2 *	7385.2000	35.80	10.62	46.42	54.00	-7.58	AVG	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2462MHz

**Horizontal**

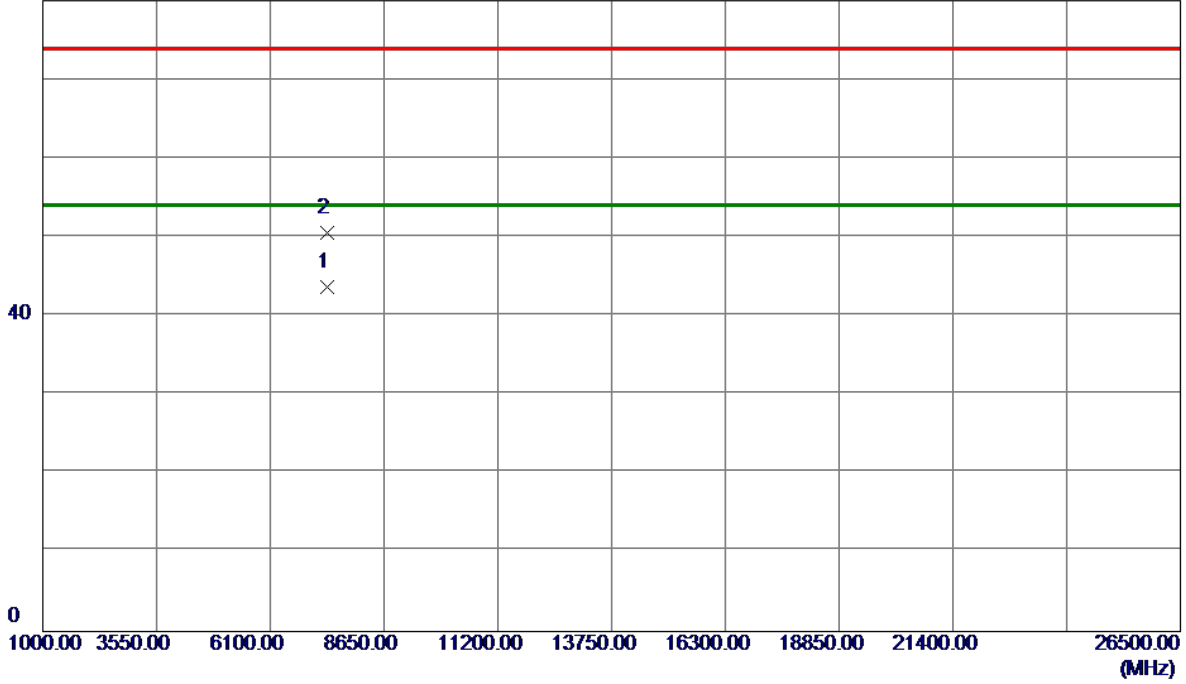


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2460.6000	94.35	9.51	103.86	74.00	29.86	Peak	No Limit
2 *	2461.2000	90.87	9.51	100.38	54.00	46.38	AVG	No Limit
3	2483.5000	41.77	9.63	51.40	74.00	-22.60	Peak	
4	2483.5000	30.51	9.63	40.14	54.00	-13.86	AVG	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2462MHz

### Horizontal

80 dBuV/m



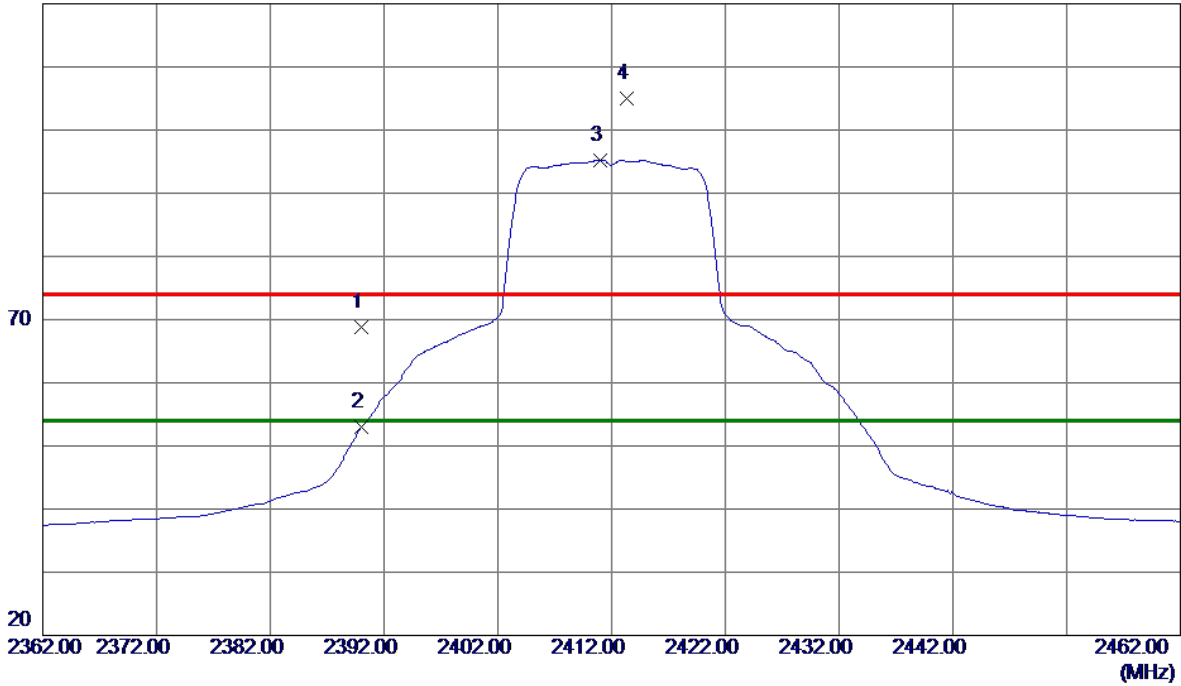
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7385.2000	33.10	10.62	43.72	54.00	-10.28	AVG	
2	7387.4000	39.96	10.63	50.59	74.00	-23.41	Peak	



Orthogonal Axis :	X
Test Mode :	TX G MODE 2412MHz

### Vertical

120 dBuV/m

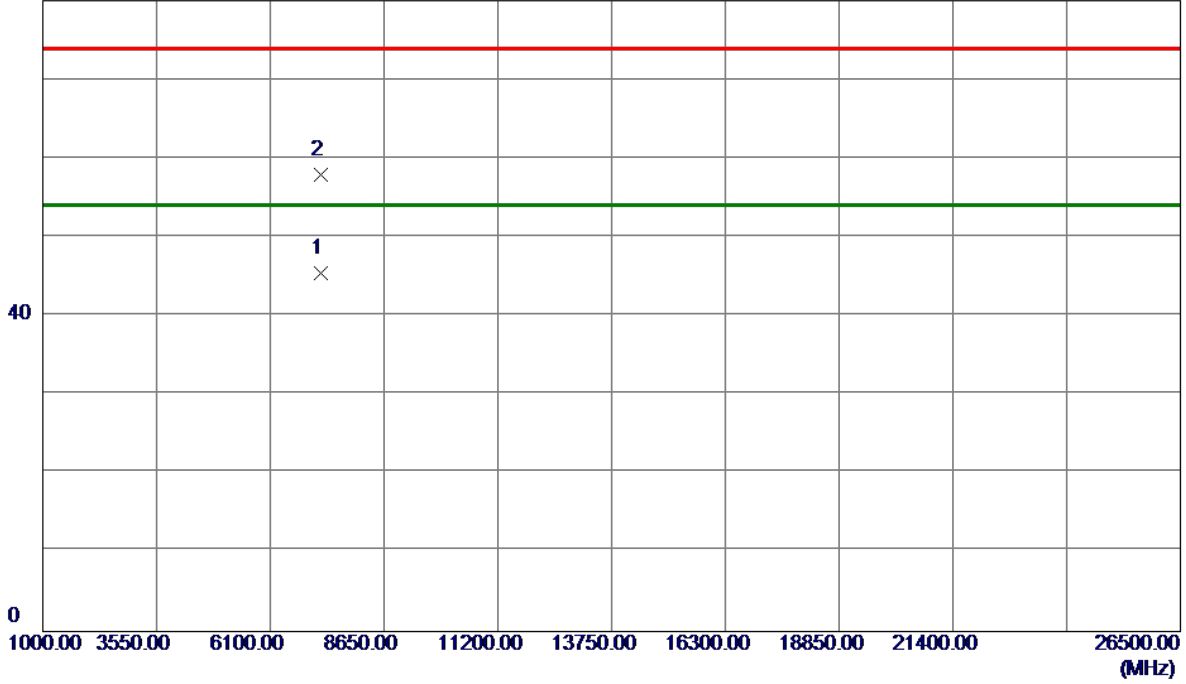


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	59.58	9.15	68.73	74.00	-5.27	Peak	
2	2390.0000	43.80	9.15	52.95	54.00	-1.05	AVG	
3 *	2411.0000	86.03	9.26	95.29	54.00	41.29	AVG	No Limit
4	2413.3000	95.81	9.27	105.08	74.00	31.08	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	TX G MODE 2412MHz

**Vertical**

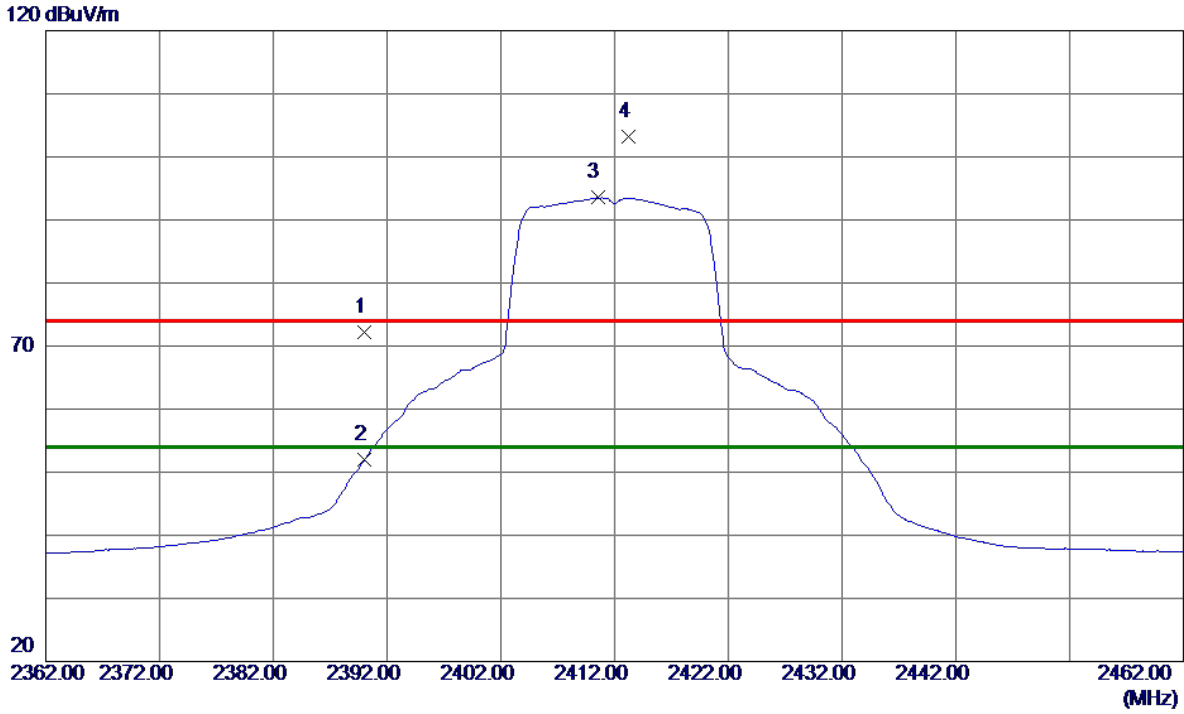
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7234.9000	35.14	10.34	45.48	54.00	-8.52	AVG	
2	7240.7000	47.63	10.35	57.98	74.00	-16.02	Peak	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2412MHz

**Horizontal**

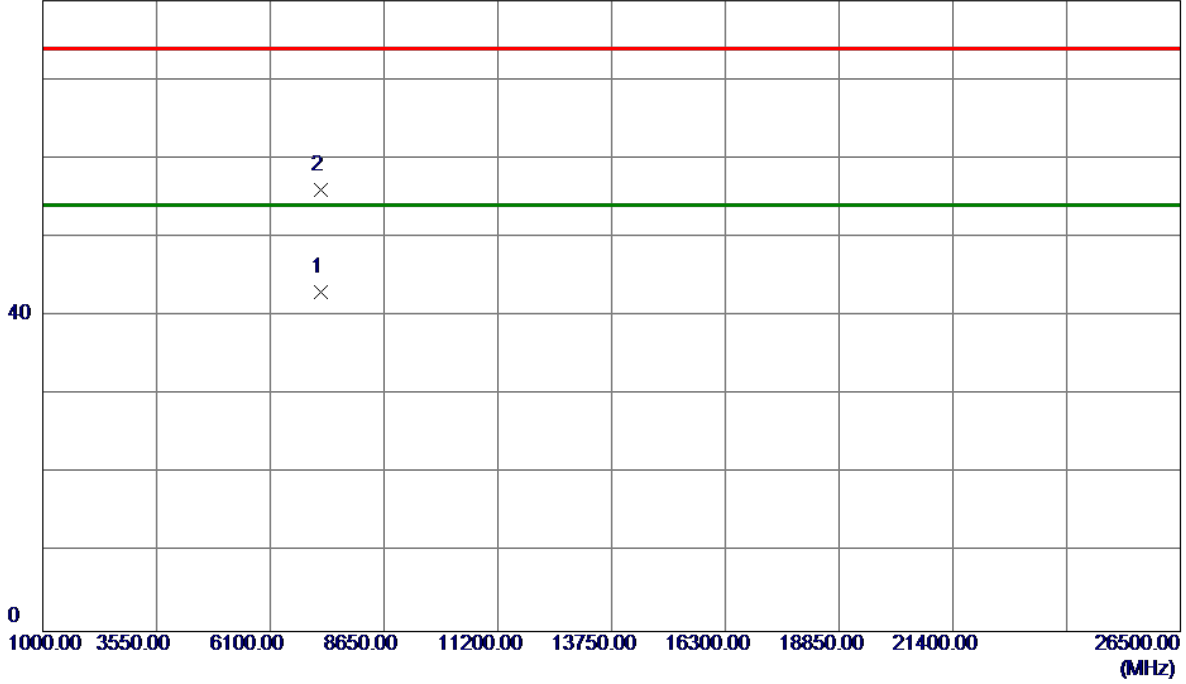


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	63.07	9.15	72.22	74.00	-1.78	Peak	
2	2390.0000	42.80	9.15	51.95	54.00	-2.05	AVG	
3 *	2410.5000	84.26	9.25	93.51	54.00	39.51	AVG	No Limit
4	2413.2000	93.91	9.27	103.18	74.00	29.18	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	TX G MODE 2412MHz

**Horizontal**

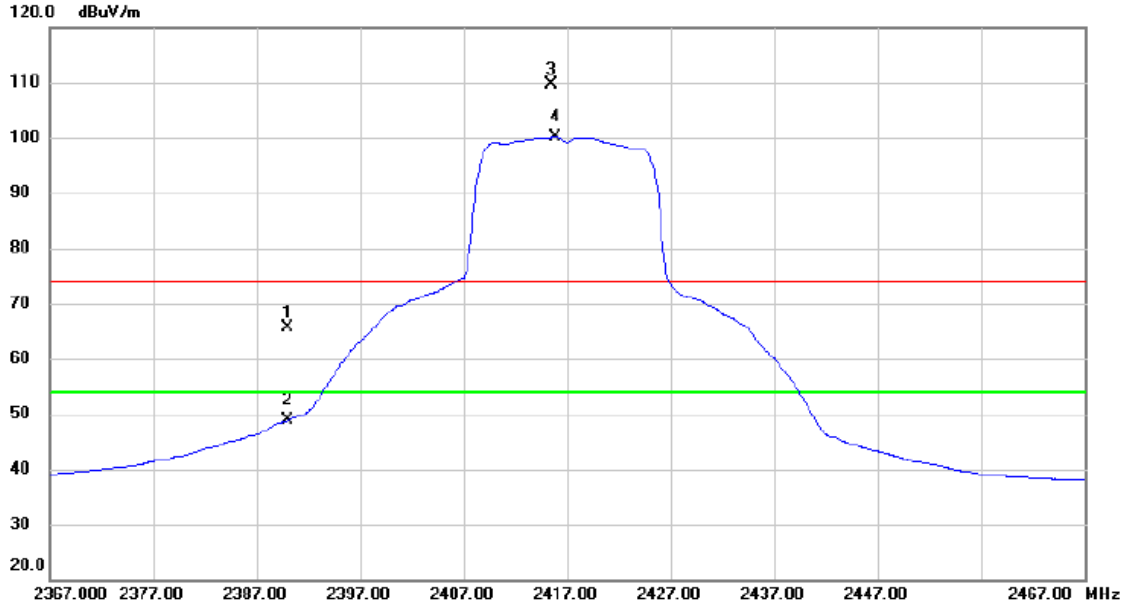
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7235.0000	32.64	10.34	42.98	54.00	-11.02	AVG	
2	7239.8000	45.66	10.35	56.01	74.00	-17.99	Peak	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2417MHz

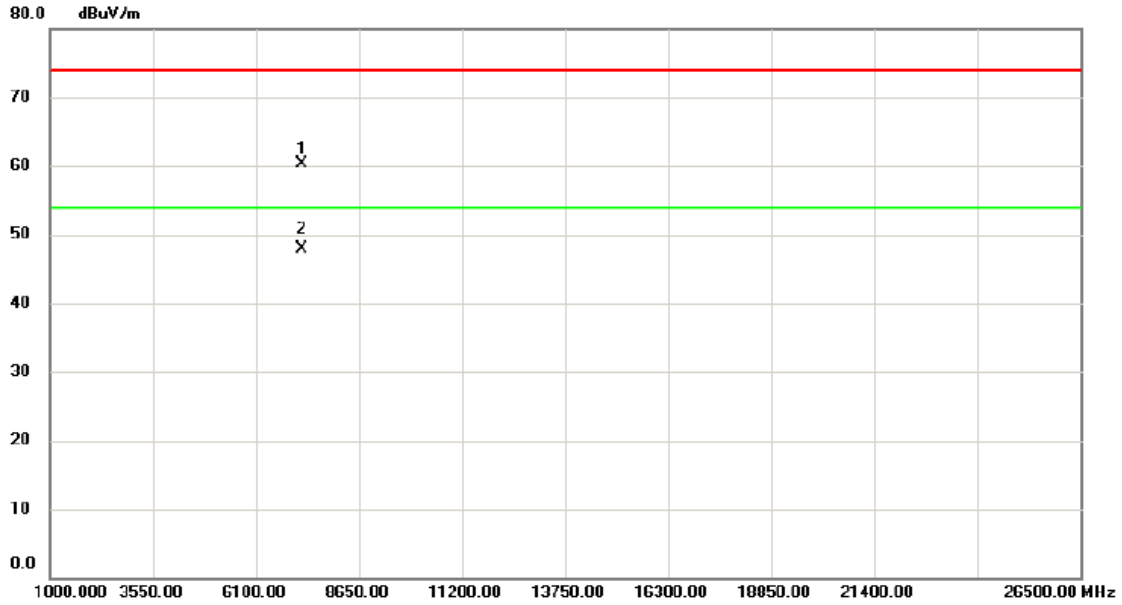
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2390.000	56.53	8.99	65.52	74.00	-8.48	peak	
2		2390.000	39.83	8.99	48.82	54.00	-5.18	AVG	
3	X	2415.500	100.56	9.11	109.67	74.00	35.67	peak	No Limit
4	*	2415.900	90.98	9.11	100.09	54.00	46.09	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	TX G MODE 2417MHz

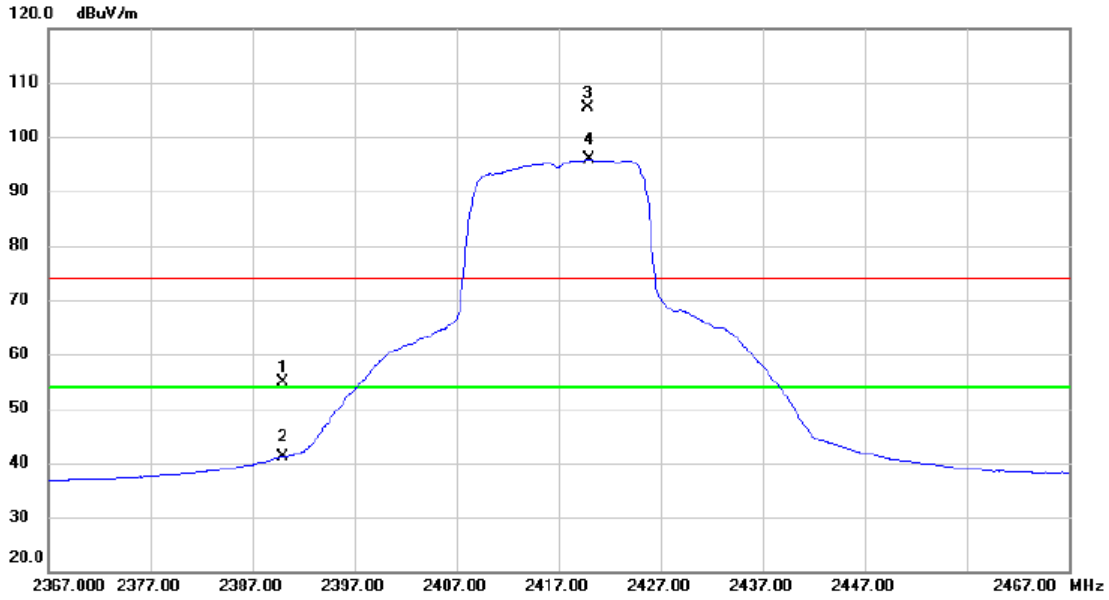
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		7243.200	49.86	10.36	60.22	74.00	-13.78	peak	
2	*	7250.000	37.44	10.37	47.81	54.00	-6.19	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2417MHz

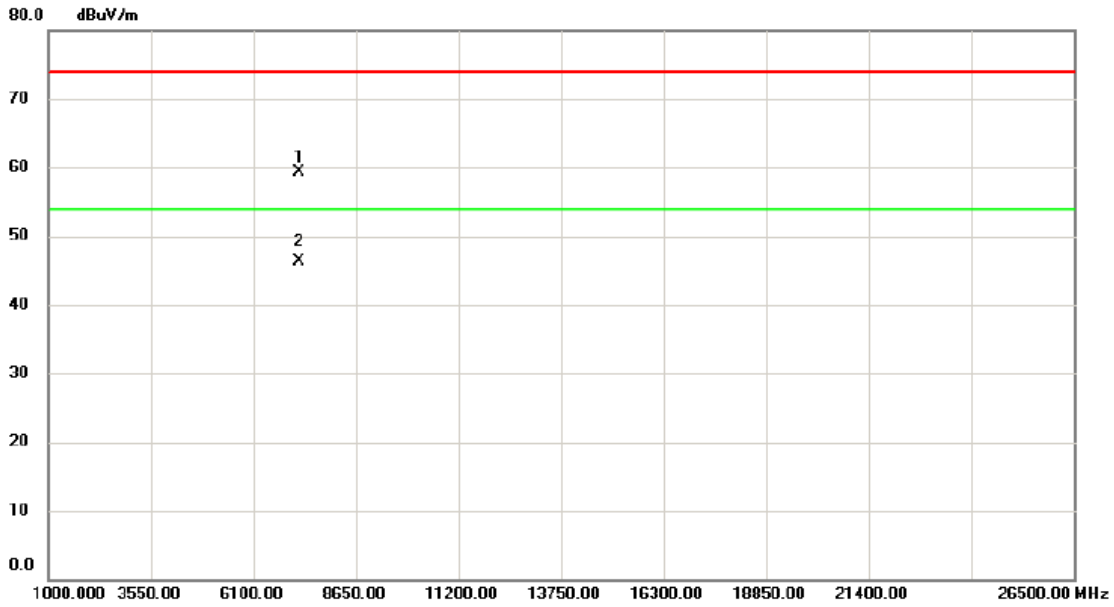
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2390.000	45.93	8.99	54.92	74.00	-19.08	peak	
2		2390.000	32.03	8.99	41.02	54.00	-12.98	AVG	
3	X	2419.800	96.24	9.14	105.38	74.00	31.38	peak	No Limit
4	*	2420.000	86.77	9.14	95.91	54.00	41.91	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	TX G MODE 2417MHz

### Horizontal

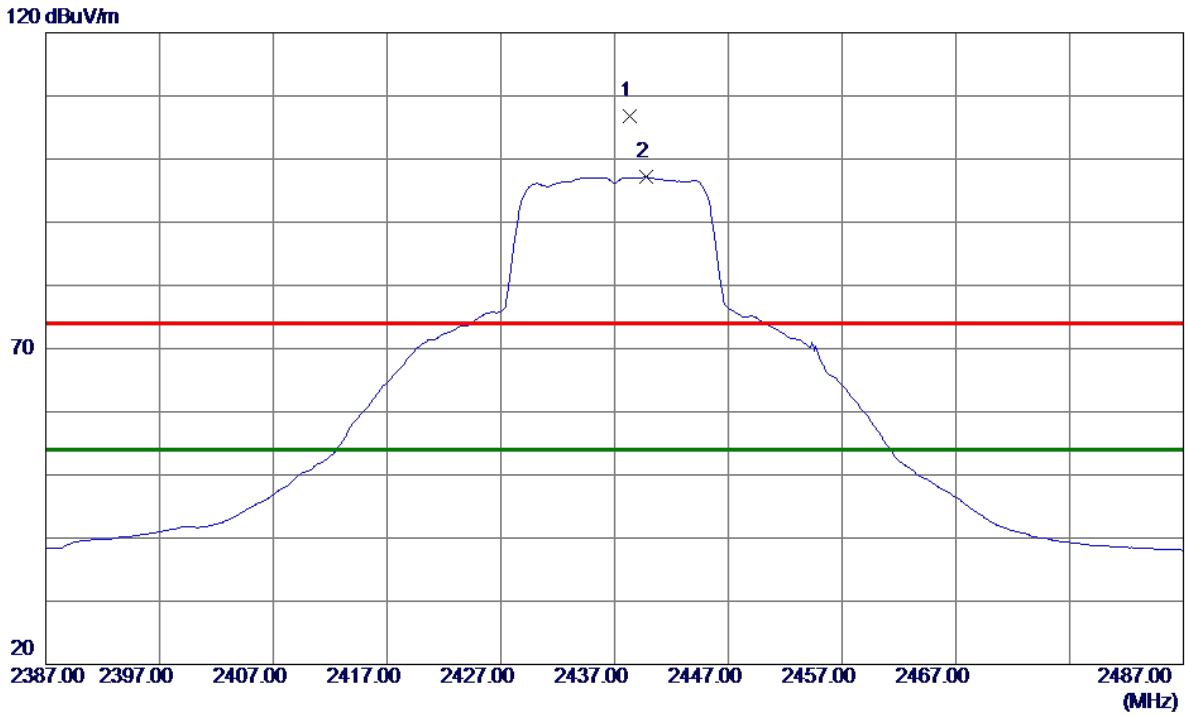


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		7242.800	48.89	10.36	59.25	74.00	-14.75	peak	
2	*	7248.600	35.84	10.37	46.21	54.00	-7.79	AVG	



Orthogonal Axis :	X
Test Mode :	TX G MODE 2437MHz

**Vertical**

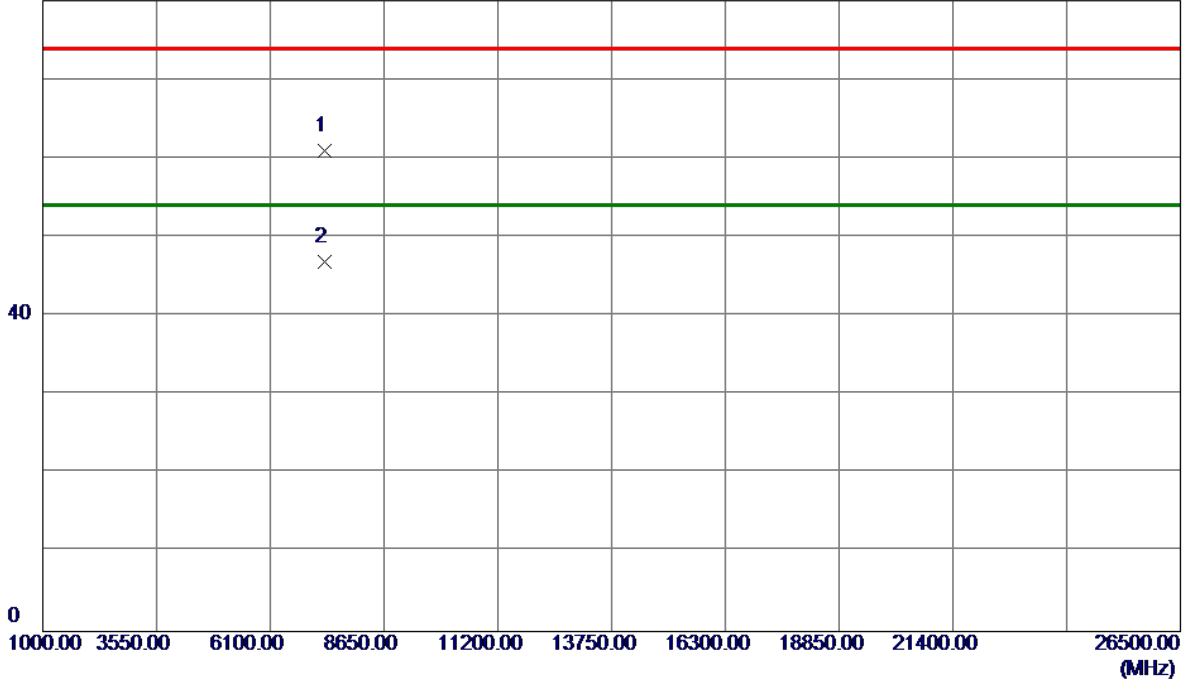


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2438.3000	97.48	9.40	106.88	74.00	32.88	Peak	No Limit
2 *	2439.8000	87.73	9.40	97.13	54.00	43.13	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	TX G MODE 2437MHz

**Vertical**

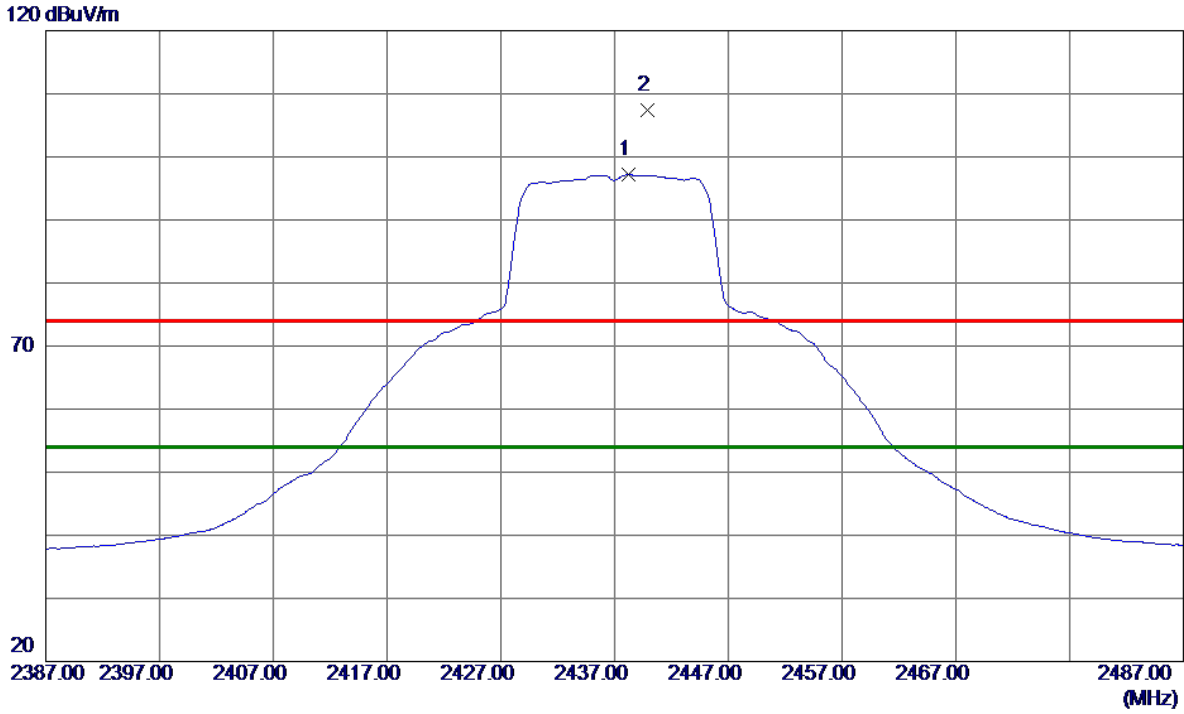
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7307.5000	50.47	10.48	60.95	74.00	-13.05	Peak	
2 *	7310.1000	36.46	10.48	46.94	54.00	-7.06	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2437MHz

**Horizontal**

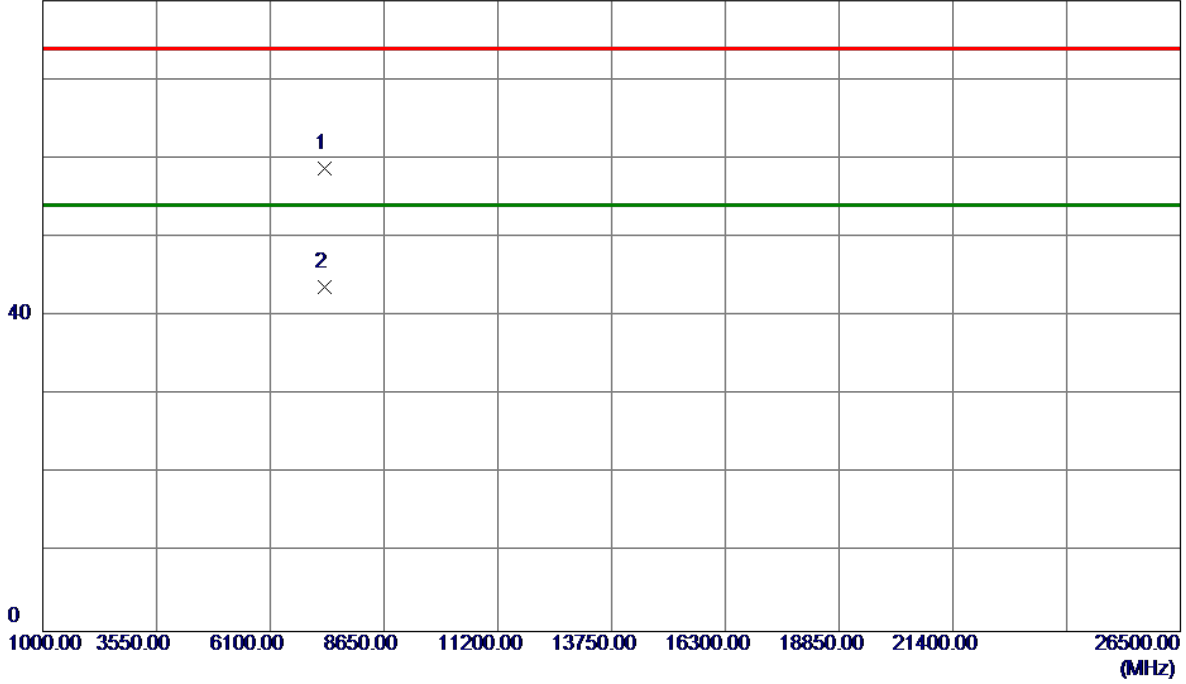


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2438.2000	87.75	9.39	97.14	54.00	43.14	AVG	No Limit
2	2439.9000	97.92	9.40	107.32	74.00	33.32	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	TX G MODE 2437MHz

### Horizontal

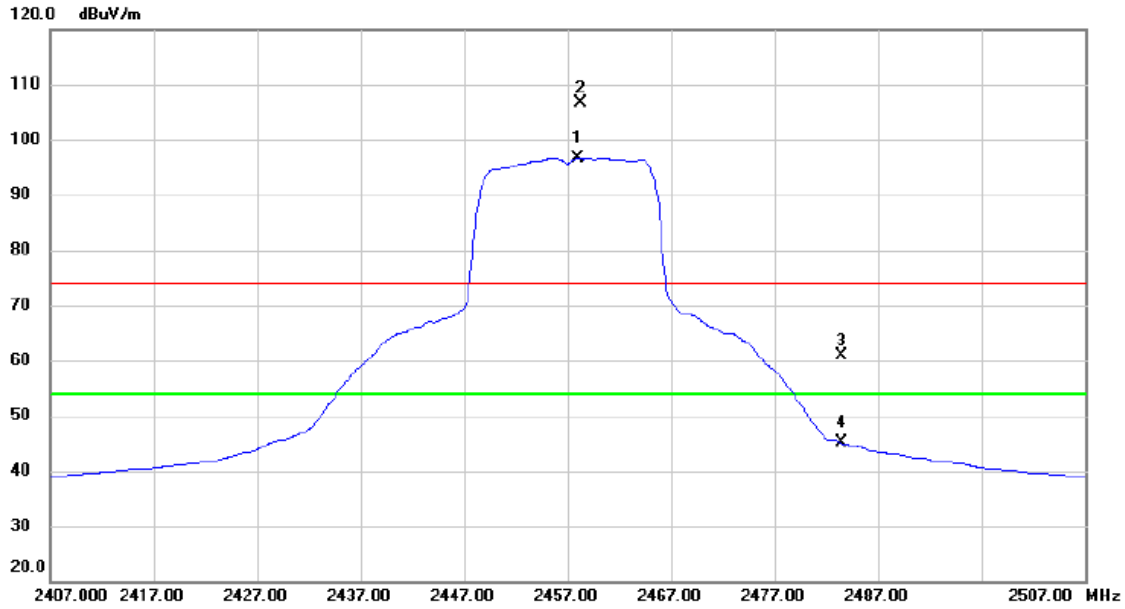
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7308.4000	48.21	10.48	58.69	74.00	-15.31	Peak	
2 *	7310.0000	33.20	10.48	43.68	54.00	-10.32	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2457MHz

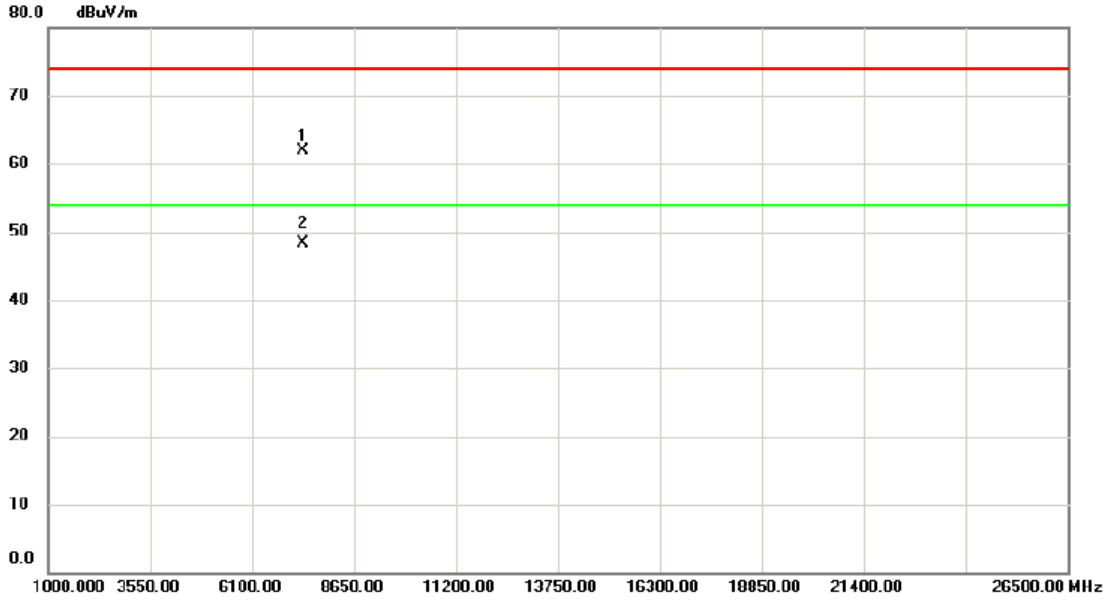
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	2458.000	87.26	9.33	96.59	54.00	42.59	AVG	No Limit
2	X	2458.300	97.25	9.33	106.58	74.00	32.58	peak	No Limit
3		2483.500	51.33	9.45	60.78	74.00	-13.22	peak	
4		2483.500	35.59	9.45	45.04	54.00	-8.96	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2457MHz

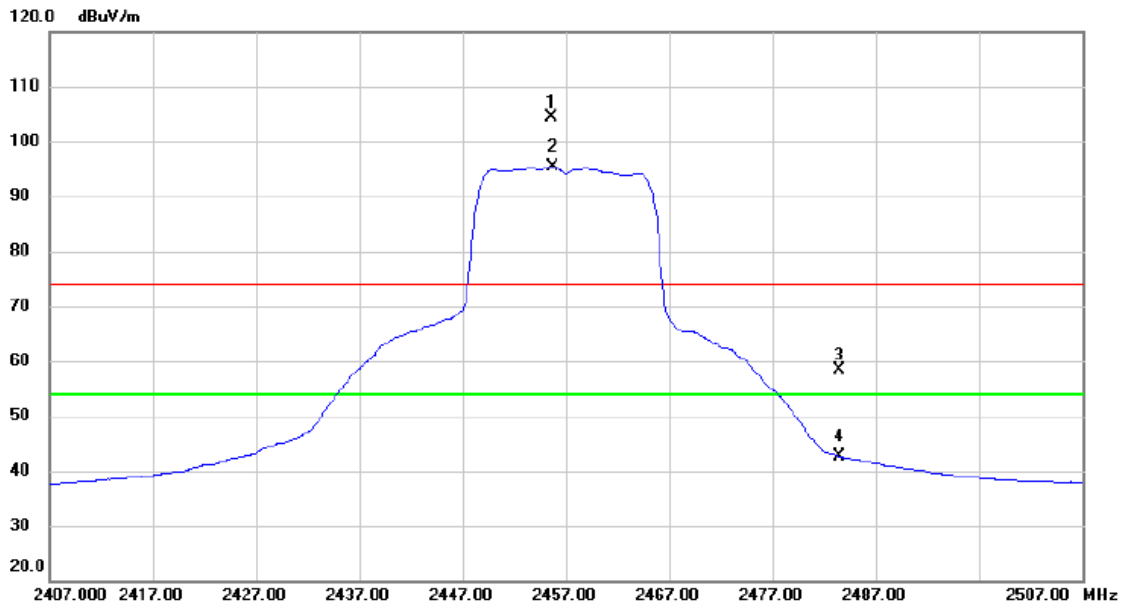
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		7367.600	51.39	10.59	61.98	74.00	-12.02	peak	
2	*	7370.400	37.64	10.60	48.24	54.00	-5.76	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2457MHz

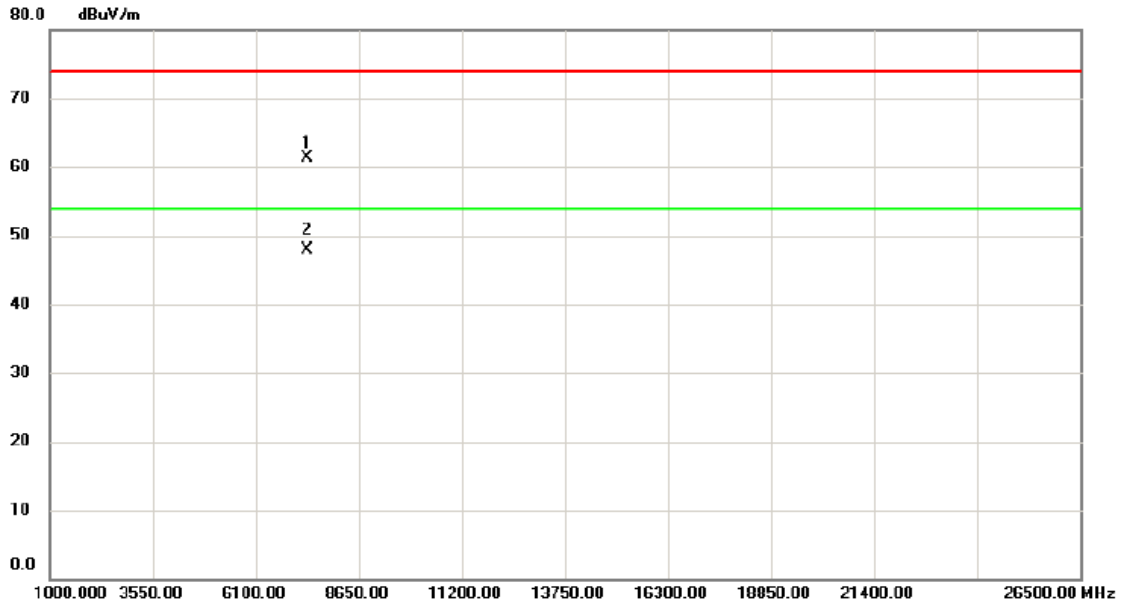
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	2455.600	95.11	9.31	104.42	74.00	30.42	peak	No Limit
2	*	2455.700	86.06	9.31	95.37	54.00	41.37	AVG	No Limit
3		2483.500	49.02	9.45	58.47	74.00	-15.53	peak	
4		2483.500	33.18	9.45	42.63	54.00	-11.37	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2457MHz

### Horizontal



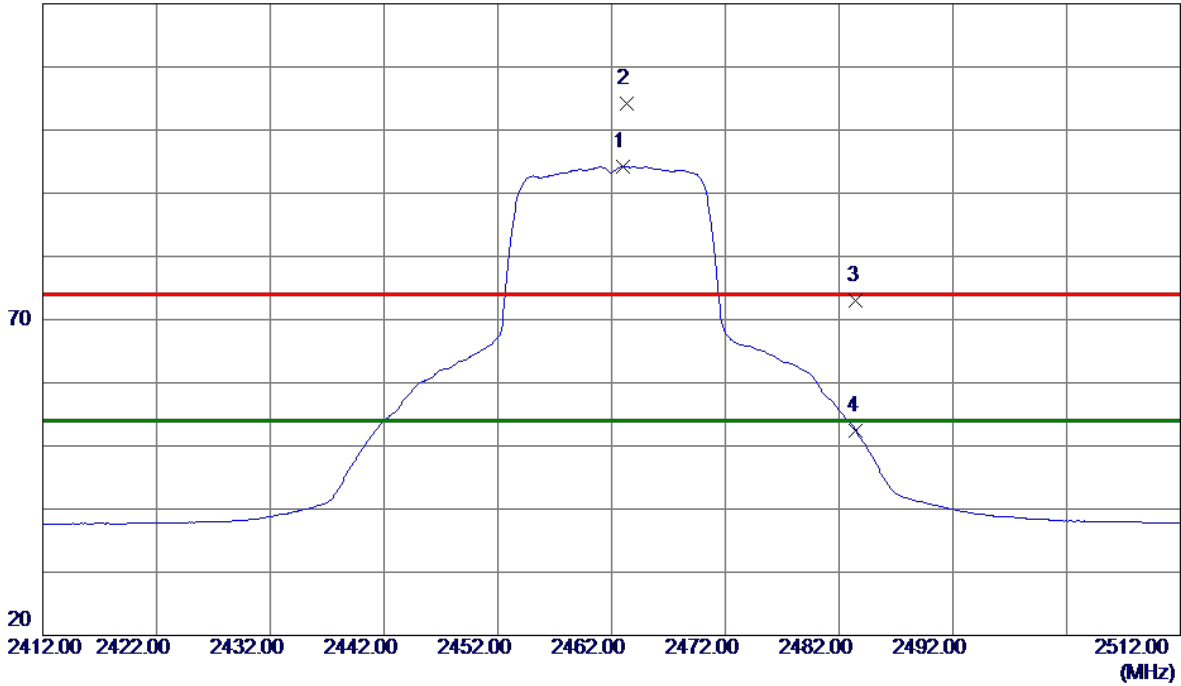
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		7368.200	50.75	10.59	61.34	74.00	-12.66	peak	
2	*	7369.900	37.39	10.60	47.99	54.00	-6.01	AVG	



Orthogonal Axis :	X
Test Mode :	TX G MODE 2462MHz

**Vertical**

120 dBuV/m

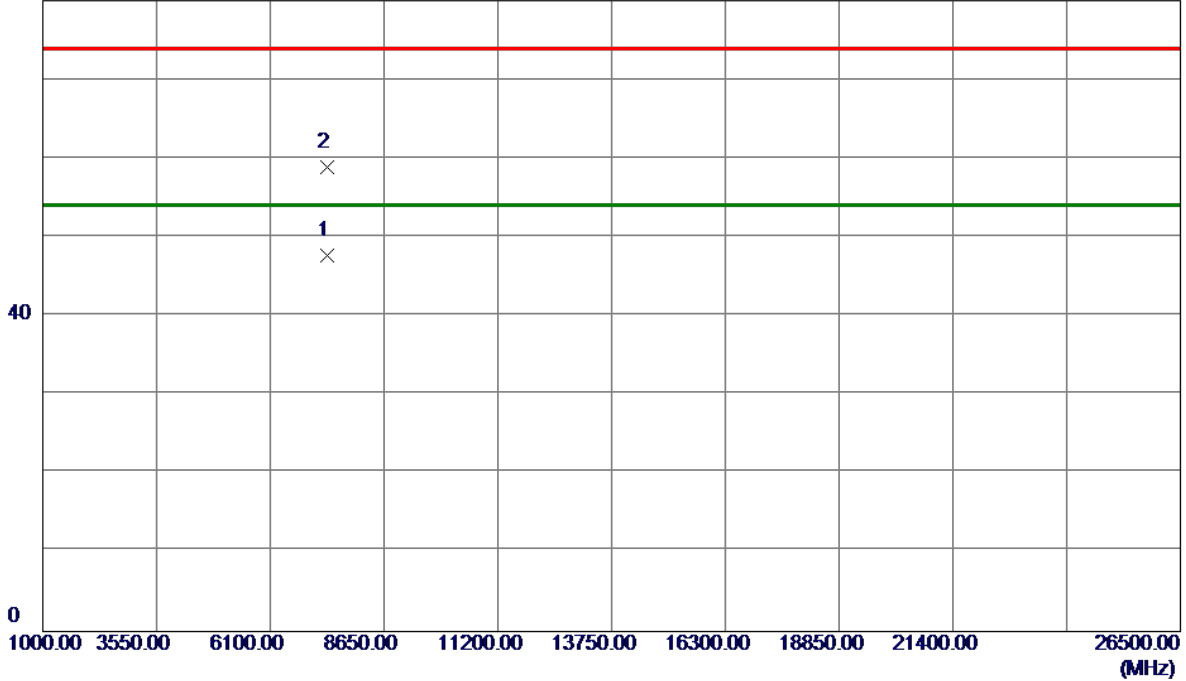


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2463.0000	84.72	9.52	94.24	54.00	40.24	AVG	No Limit
2	2463.3000	94.62	9.52	104.14	74.00	30.14	Peak	No Limit
3	2483.5000	63.39	9.63	73.02	74.00	-0.98	Peak	
4	2483.5000	42.68	9.63	52.31	54.00	-1.69	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2462MHz

**Vertical**

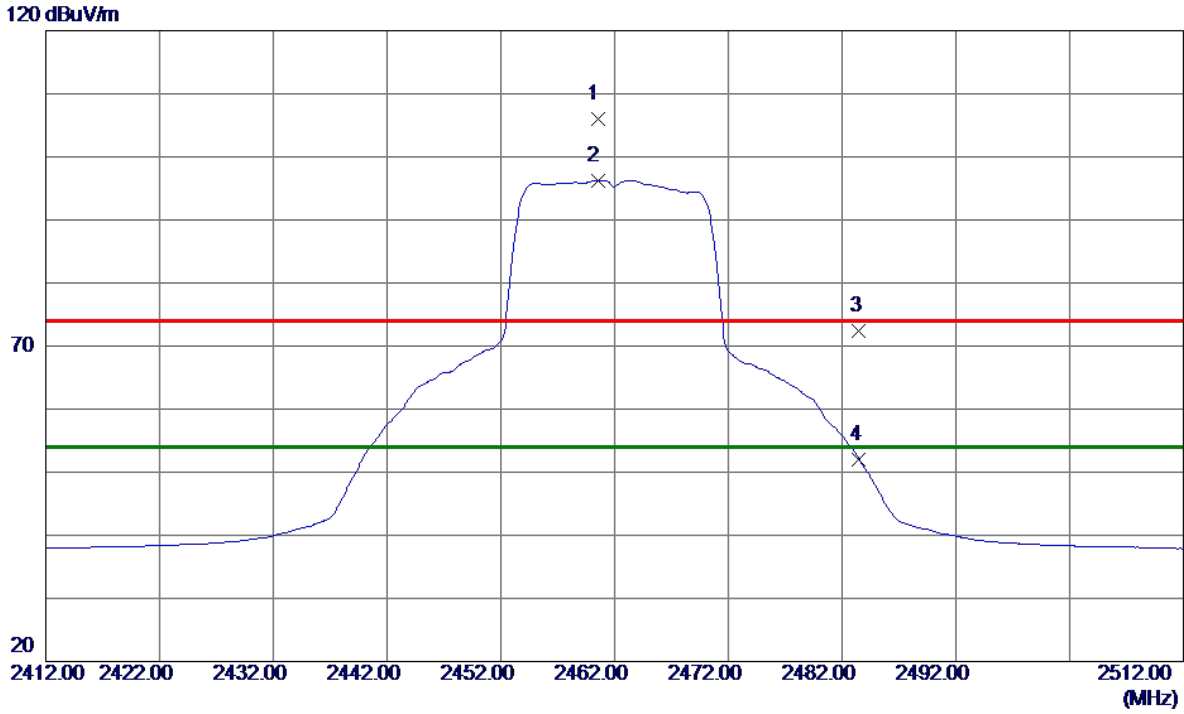
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7385.2000	37.12	10.62	47.74	54.00	-6.26	AVG	
2	7386.2000	48.25	10.63	58.88	74.00	-15.12	Peak	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2462MHz

### Horizontal

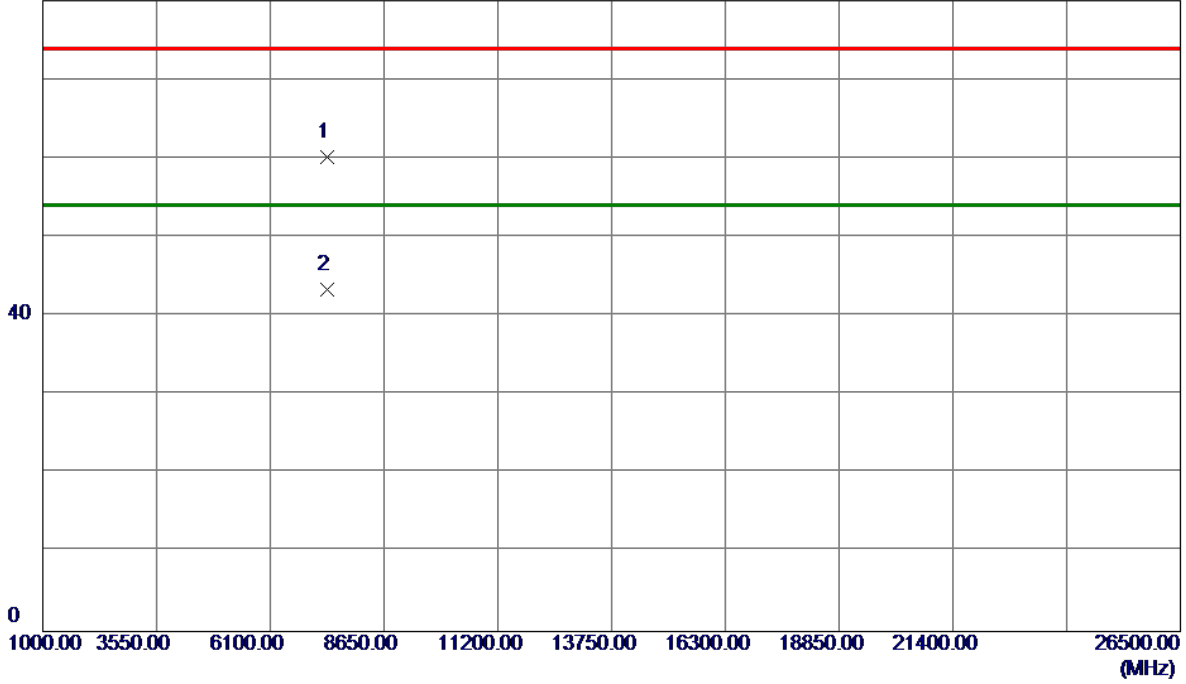


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2460.5000	96.43	9.51	105.94	74.00	31.94	Peak	No Limit
2 *	2460.5000	86.76	9.51	96.27	54.00	42.27	AVG	No Limit
3	2483.5000	62.69	9.63	72.32	74.00	-1.68	Peak	
4	2483.5000	42.46	9.63	52.09	54.00	-1.91	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2462MHz

**Horizontal**

80 dBuV/m

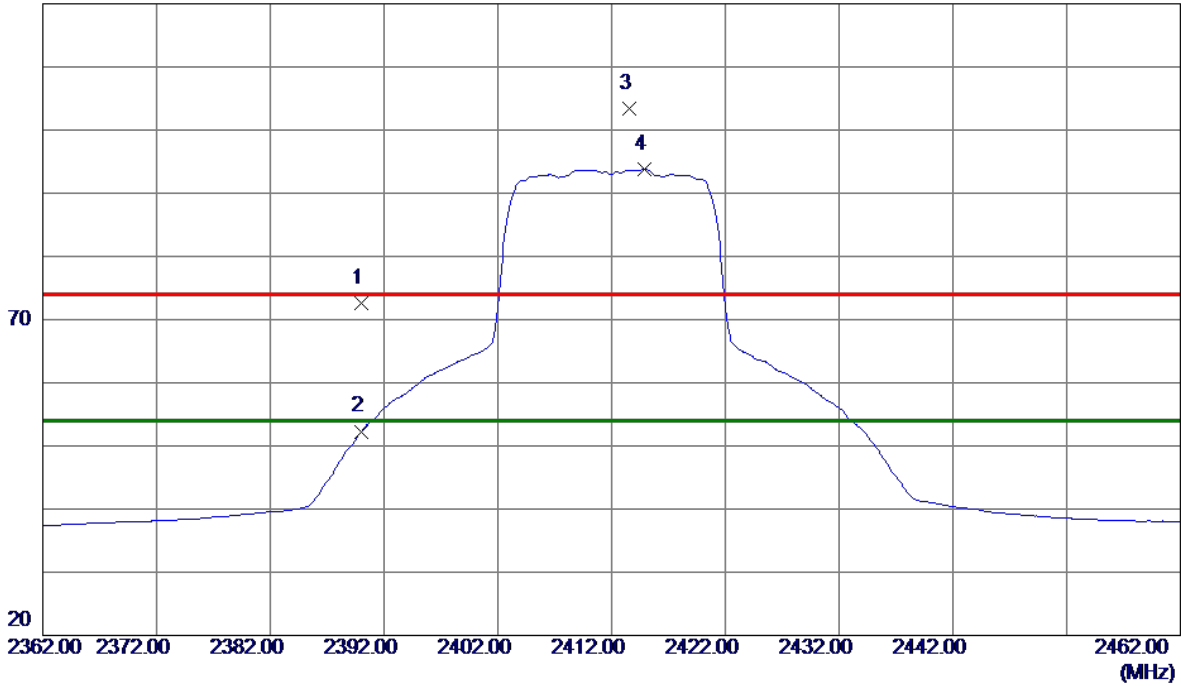


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7379.6000	49.57	10.61	60.18	74.00	-13.82	Peak	
2 *	7385.4000	32.80	10.62	43.42	54.00	-10.58	AVG	

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2412MHz

### Vertical

120 dBuV/m

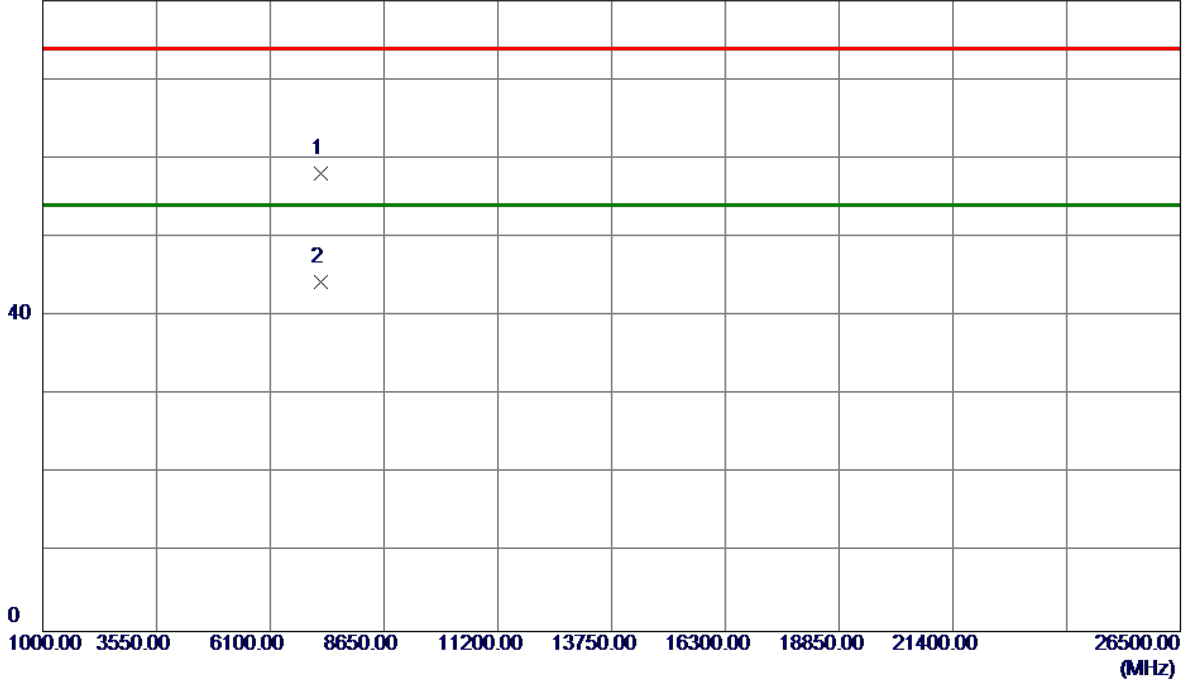


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	63.52	9.15	72.67	74.00	-1.33	Peak	
2	2390.0000	43.15	9.15	52.30	54.00	-1.70	AVG	
3	2413.6000	94.21	9.27	103.48	74.00	29.48	Peak	No Limit
4 *	2414.9000	84.46	9.28	93.74	54.00	39.74	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2412MHz

**Vertical**

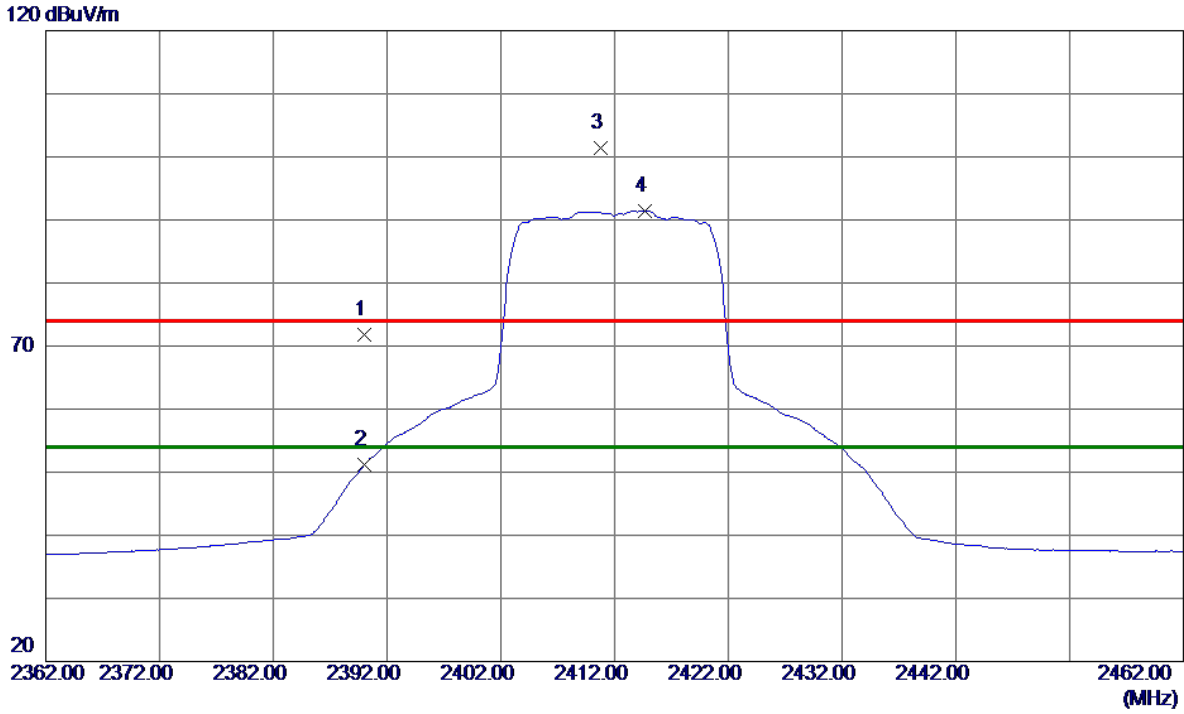
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7230.9000	47.76	10.33	58.09	74.00	-15.91	Peak	
2 *	7234.3000	33.93	10.34	44.27	54.00	-9.73	AVG	

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2412MHz

### Horizontal

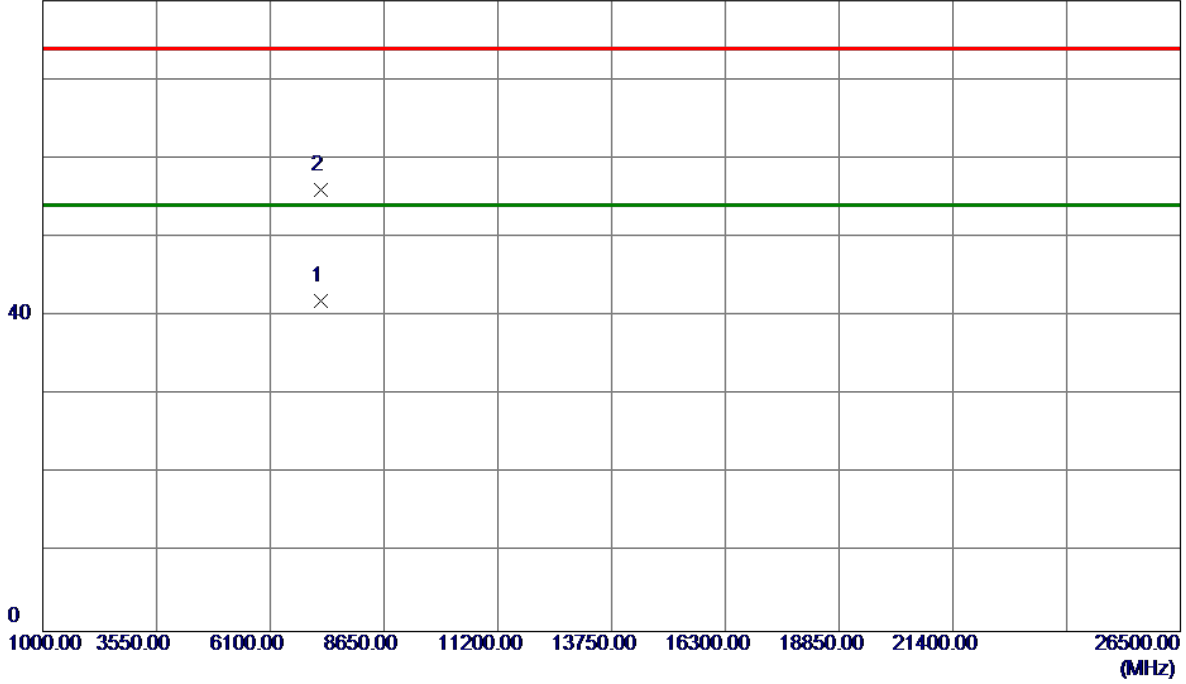


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	62.69	9.15	71.84	74.00	-2.16	Peak	
2	2390.0000	42.01	9.15	51.16	54.00	-2.84	AVG	
3	2410.8000	92.11	9.25	101.36	74.00	27.36	Peak	No Limit
4 *	2414.7000	82.10	9.27	91.37	54.00	37.37	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2412MHz

**Horizontal**

80 dBuV/m

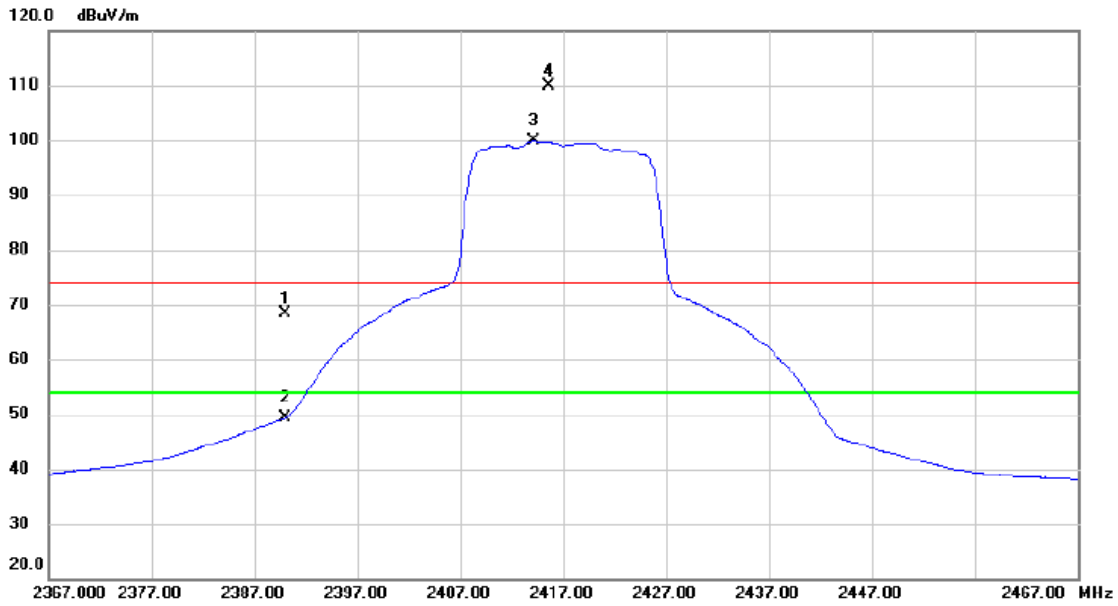


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7234.6000	31.65	10.34	41.99	54.00	-12.01	AVG	
2	7234.4000	45.62	10.34	55.96	74.00	-18.04	Peak	



Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2417MHz

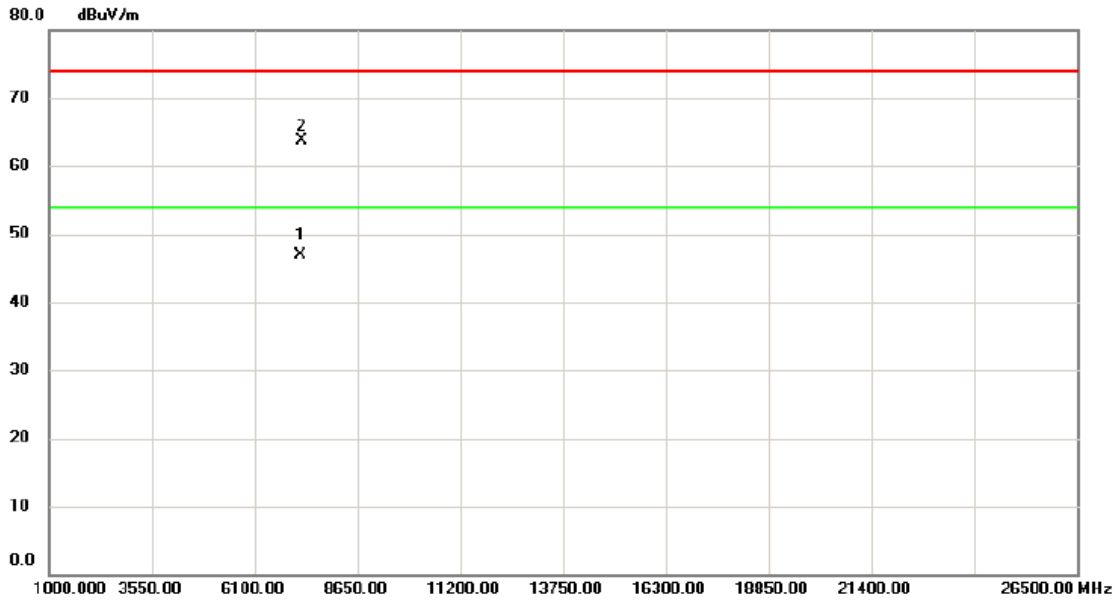
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2390.000	59.51	8.99	68.50	74.00	-5.50	peak	
2		2390.000	40.34	8.99	49.33	54.00	-4.67	AVG	
3	*	2414.100	90.67	9.11	99.78	54.00	45.78	AVG	No Limit
4	X	2415.600	100.75	9.11	109.86	74.00	35.86	peak	No Limit

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2417MHz

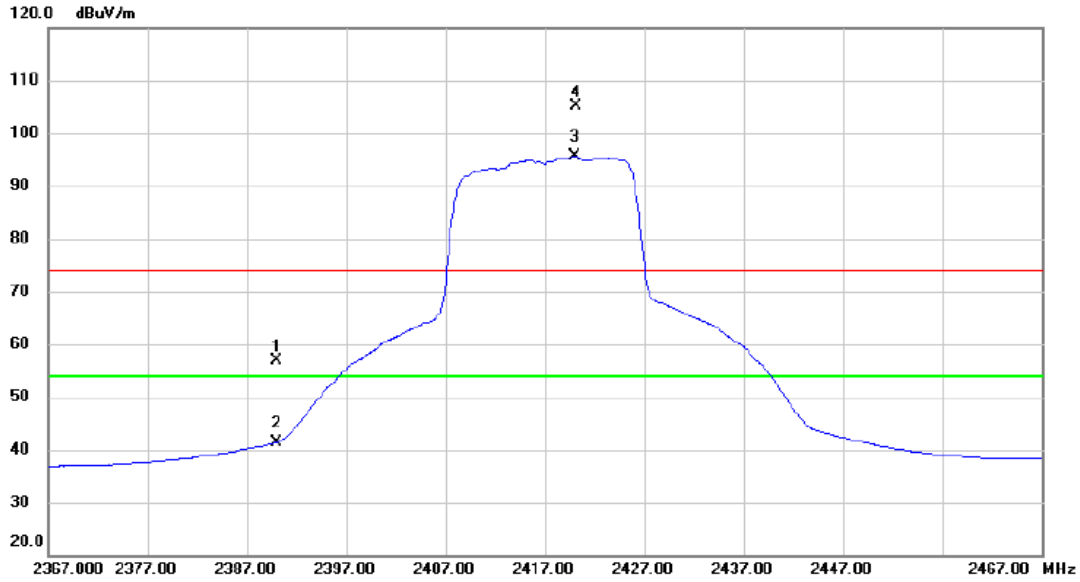
**Vertical**



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	7251.600	36.51	10.37	46.88	54.00	-7.12	AVG	
2		7257.600	53.25	10.39	63.64	74.00	-10.36	peak	

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2417MHz

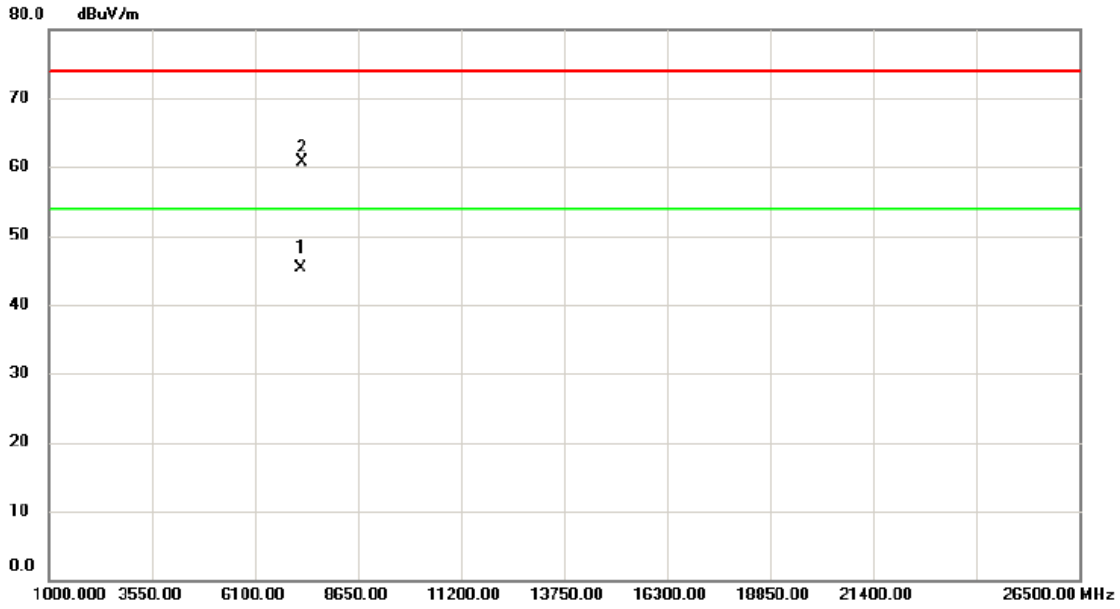
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2390.000	47.87	8.99	56.86	74.00	-17.14	peak	
2		2390.000	32.39	8.99	41.38	54.00	-12.62	AVG	
3	*	2420.000	86.43	9.14	95.57	54.00	41.57	AVG	No Limit
4	X	2420.100	96.11	9.14	105.25	74.00	31.25	peak	No Limit

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2417MHz

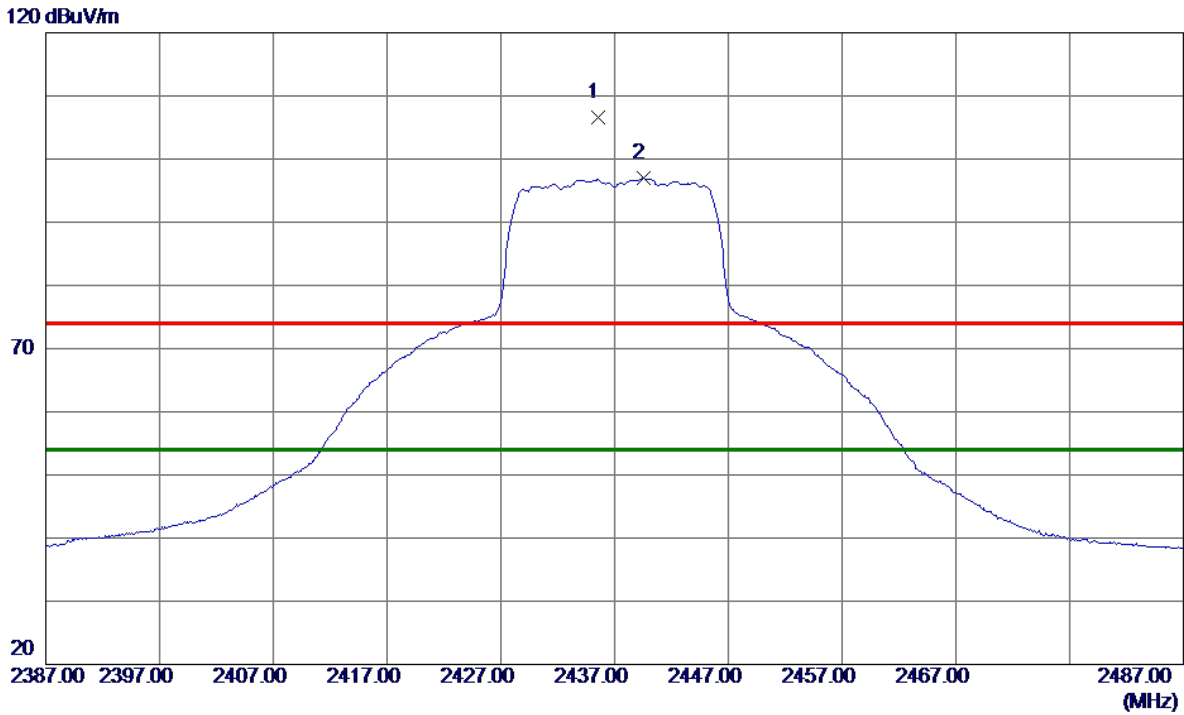
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	7249.200	34.95	10.37	45.32	54.00	-8.68	AVG	
2		7257.200	50.41	10.38	60.79	74.00	-13.21	peak	

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2437MHz

**Vertical**

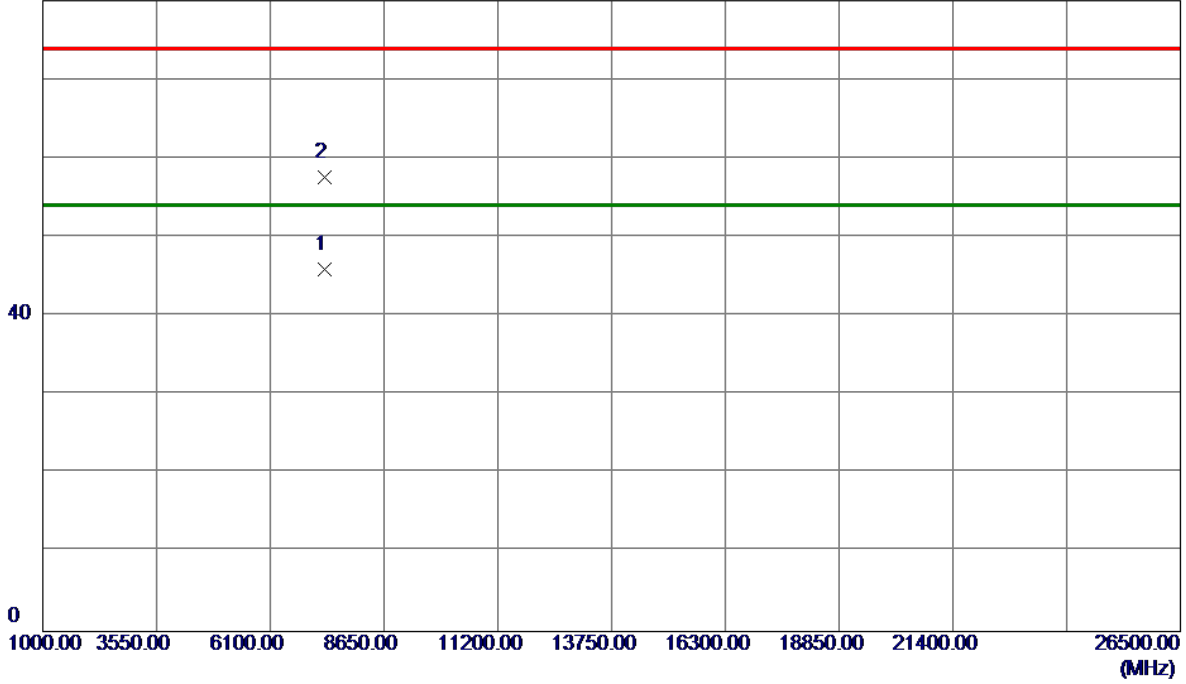


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2435.5000	97.18	9.38	106.56	74.00	32.56	Peak	No Limit
2 *	2439.5000	87.54	9.40	96.94	54.00	42.94	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2437MHz

**Vertical**

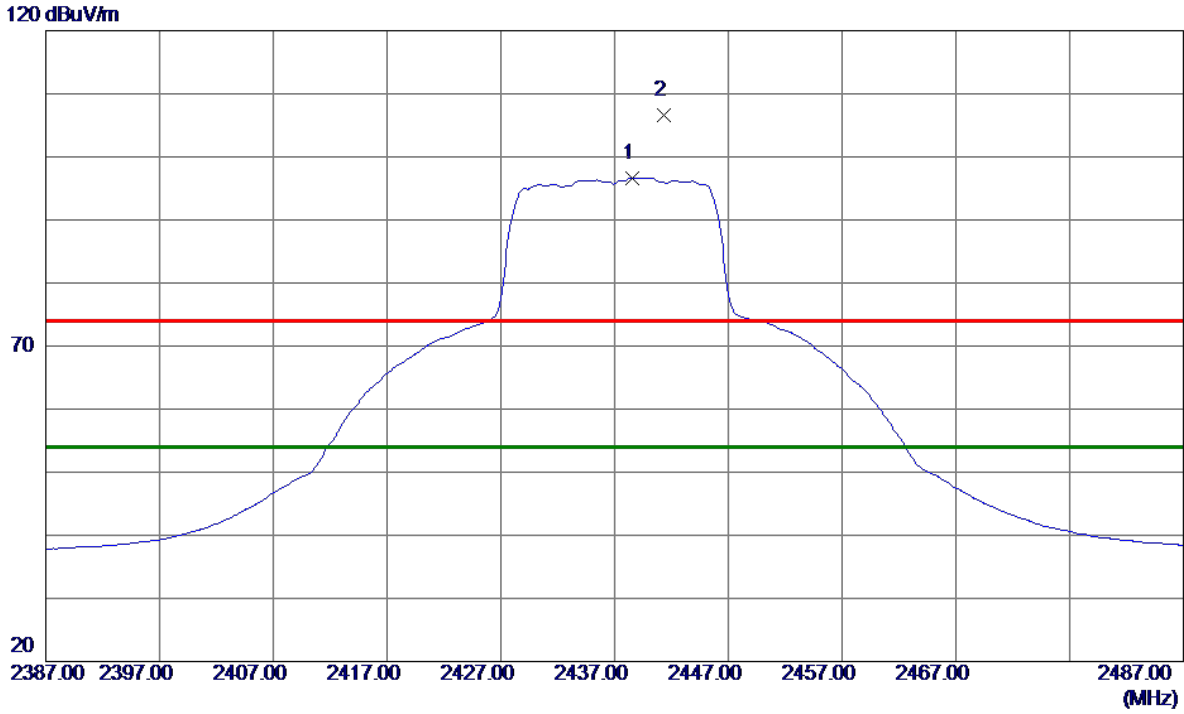
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7306.8000	35.37	10.48	45.85	54.00	-8.15	AVG	
2	7306.8000	47.05	10.48	57.53	74.00	-16.47	Peak	

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2437MHz

**Horizontal**

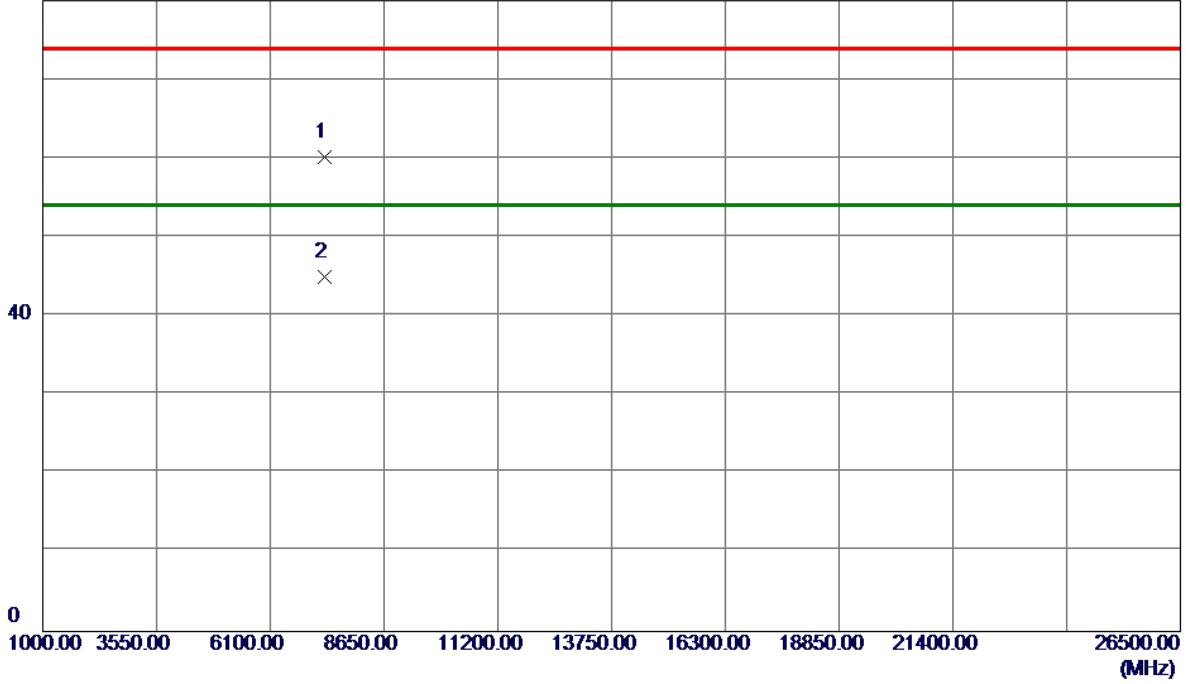


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2438.6000	87.29	9.40	96.69	54.00	42.69	AVG	No Limit
2	2441.3000	97.17	9.41	106.58	74.00	32.58	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2437MHz

### Horizontal

80 dBuV/m

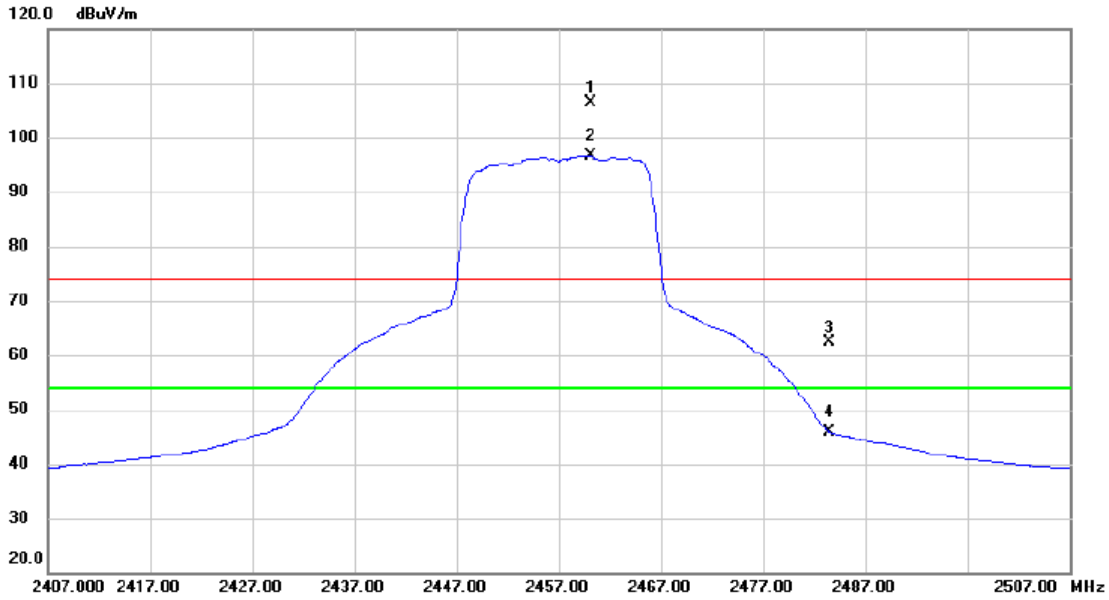


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7309.0000	49.65	10.48	60.13	74.00	-13.87	Peak	
2 *	7312.0000	34.54	10.49	45.03	54.00	-8.97	AVG	



Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2457MHz

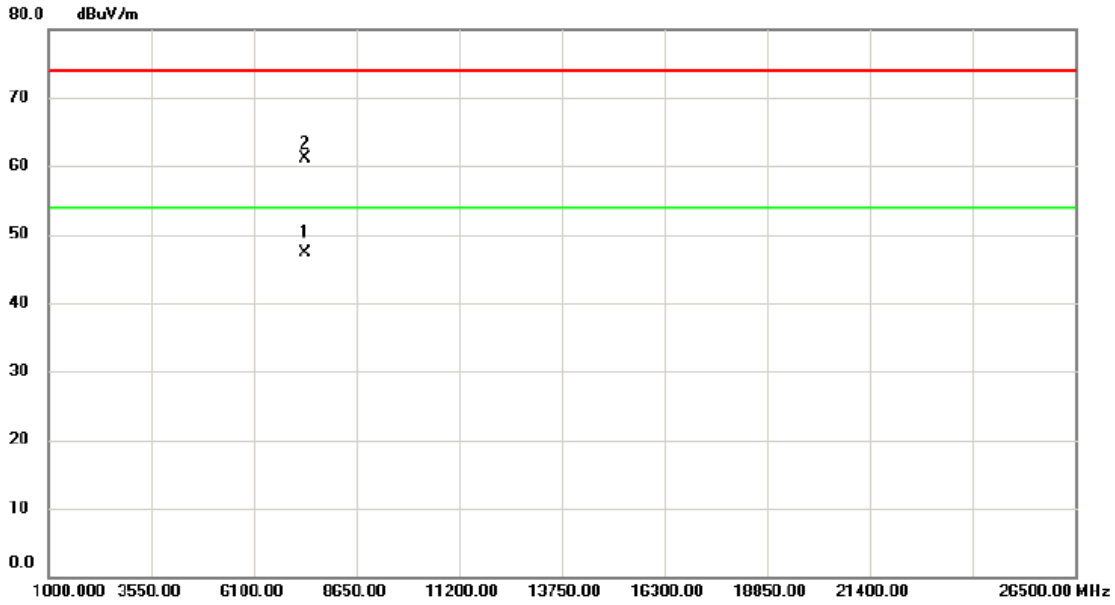
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	2460.100	96.92	9.34	106.26	74.00	32.26	peak	No Limit
2	*	2460.100	87.35	9.34	96.69	54.00	42.69	AVG	No Limit
3		2483.500	52.93	9.45	62.38	74.00	-11.62	peak	
4		2483.500	36.45	9.45	45.90	54.00	-8.10	AVG	

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2457MHz

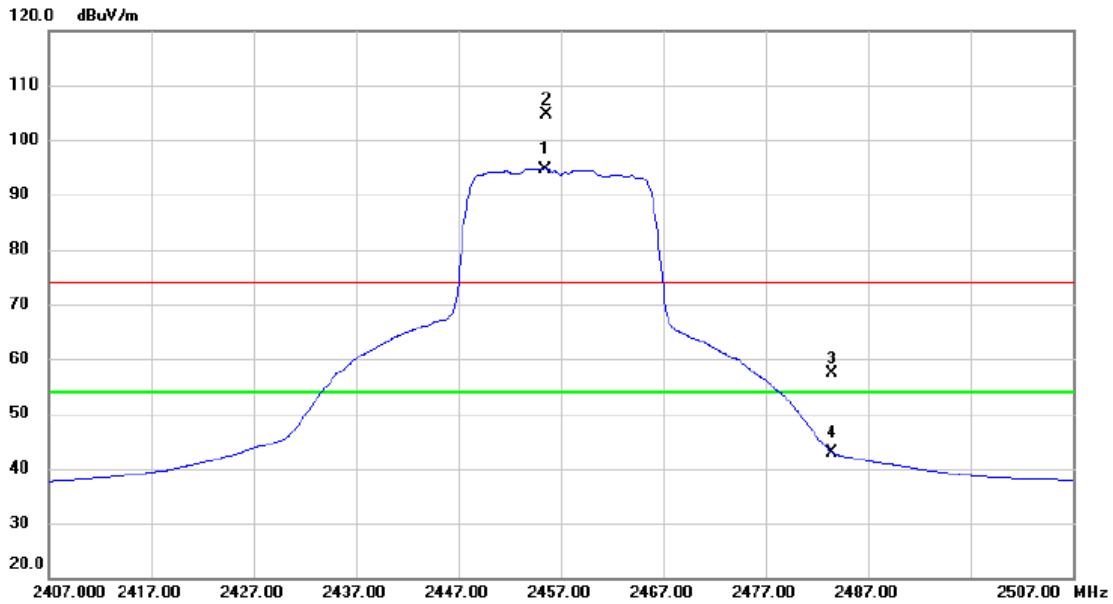
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	7371.400	36.70	10.59	47.29	54.00	-6.71	AVG	
2		7379.000	50.43	10.62	61.05	74.00	-12.95	peak	

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2457MHz

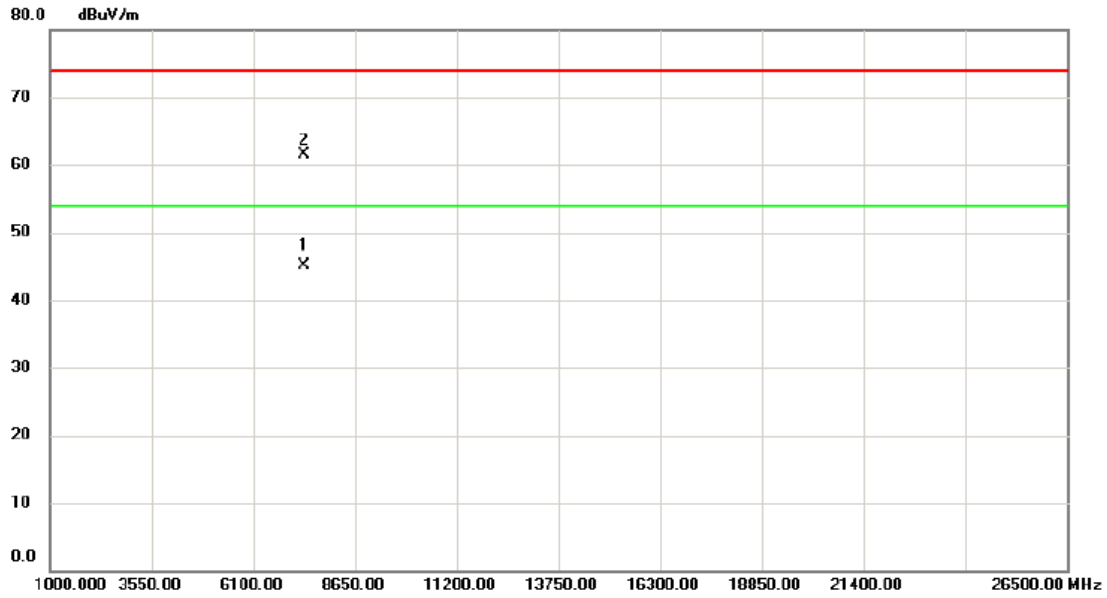
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	2455.400	85.44	9.31	94.75	54.00	40.75	AVG	No Limit
2	X	2455.600	95.31	9.31	104.62	74.00	30.62	peak	No Limit
3		2483.500	48.05	9.45	57.50	74.00	-16.50	peak	
4		2483.500	33.55	9.45	43.00	54.00	-11.00	AVG	

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2457MHz

### Horizontal

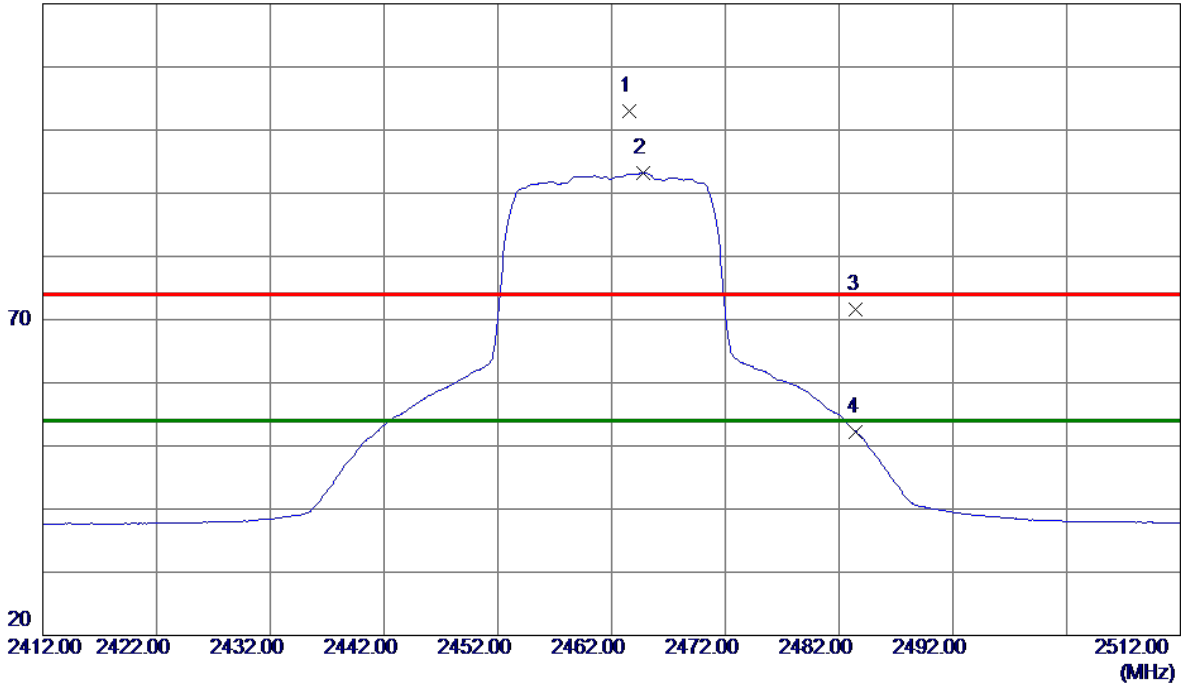


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	7366.600	34.60	10.59	45.19	54.00	-8.81	AVG	
2		7374.900	50.89	10.60	61.49	74.00	-12.51	peak	

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2462MHz

**Vertical**

120 dBuV/m

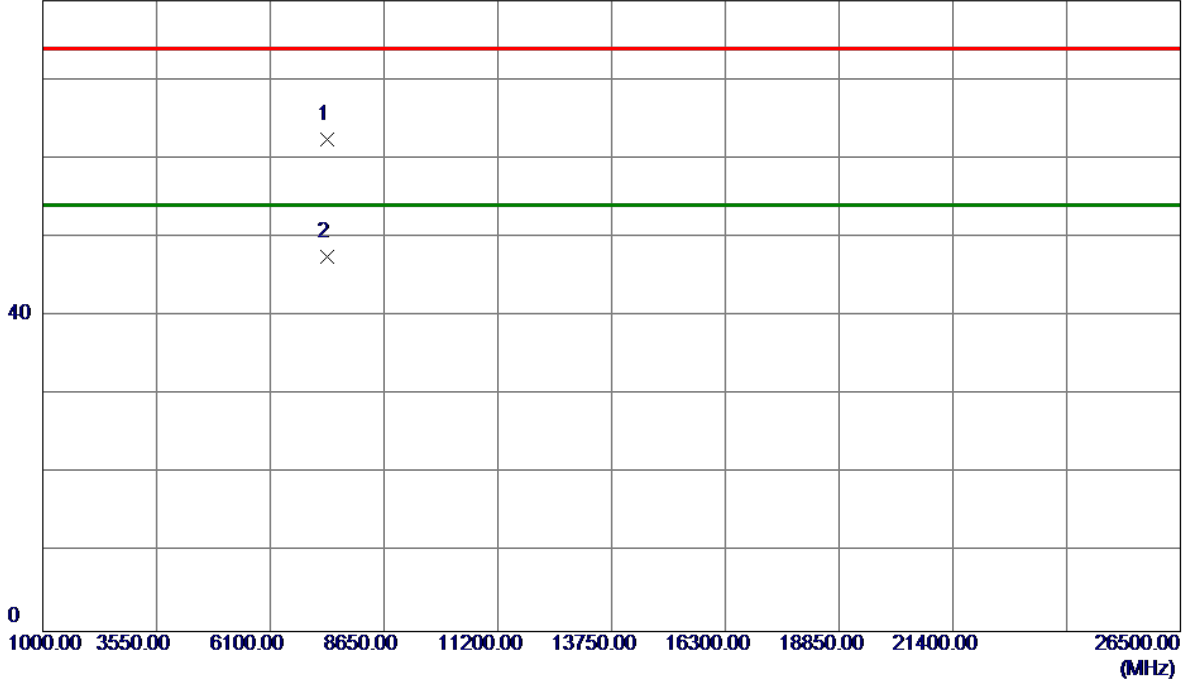


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2463.6000	93.44	9.52	102.96	74.00	28.96	Peak	No Limit
2 *	2464.8000	83.67	9.53	93.20	54.00	39.20	AVG	No Limit
3	2483.5000	62.04	9.63	71.67	74.00	-2.33	Peak	
4	2483.5000	42.59	9.63	52.22	54.00	-1.78	AVG	

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2462MHz

**Vertical**

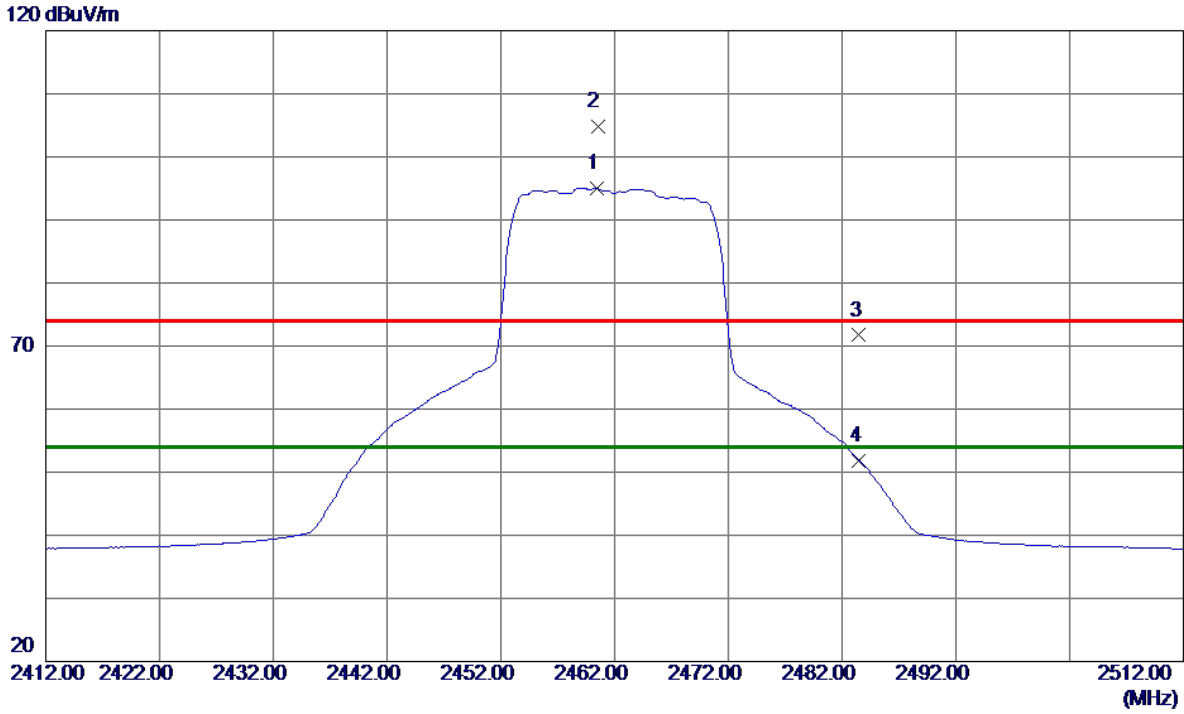
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7382.6000	51.80	10.62	62.42	74.00	-11.58	Peak	
2 *	7384.2000	36.87	10.62	47.49	54.00	-6.51	AVG	

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2462MHz

**Horizontal**

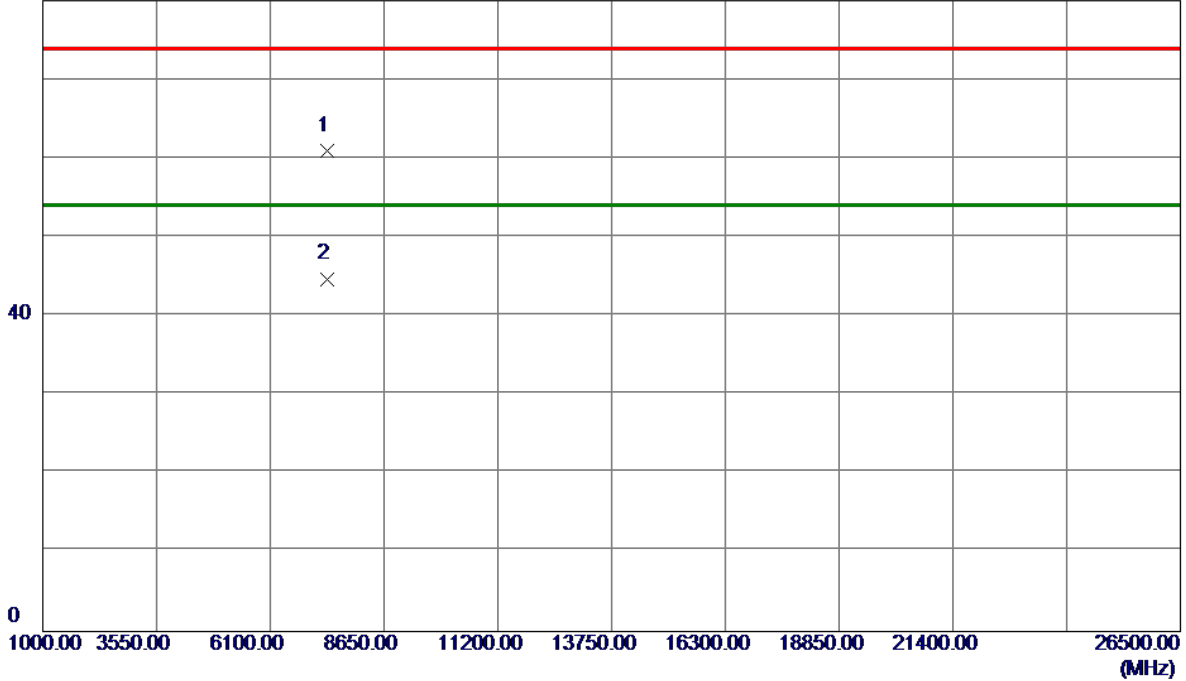


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2460.4000	85.51	9.51	95.02	74.00	21.02	Peak	No Limit
2 *	2460.5000	95.21	9.51	104.72	74.00	30.72	Peak	No Limit
3	2483.5000	62.07	9.63	71.70	74.00	-2.30	Peak	
4	2483.5000	42.24	9.63	51.87	54.00	-2.13	AVG	

Orthogonal Axis :	X
Test Mode :	TX N-20M MODE 2462MHz

**Horizontal**

80 dBuV/m



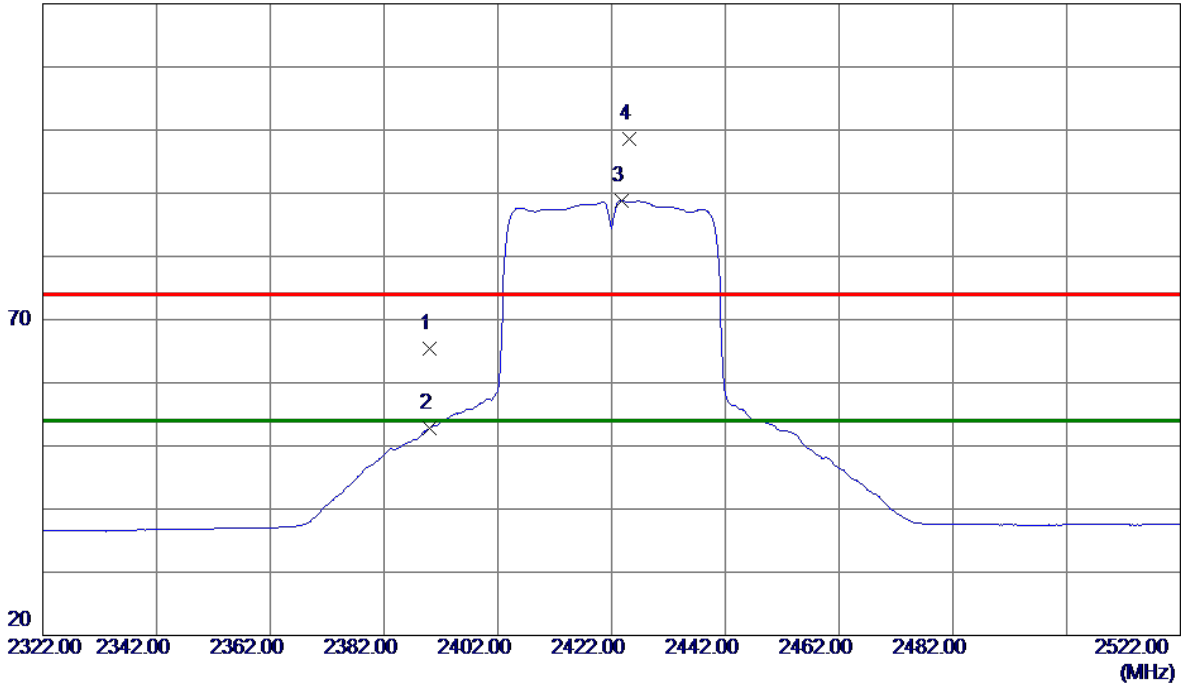
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7383.2000	50.33	10.62	60.95	74.00	-13.05	Peak	
2 *	7384.0000	34.10	10.62	44.72	54.00	-9.28	AVG	



Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2422MHz

**Vertical**

120 dBuV/m

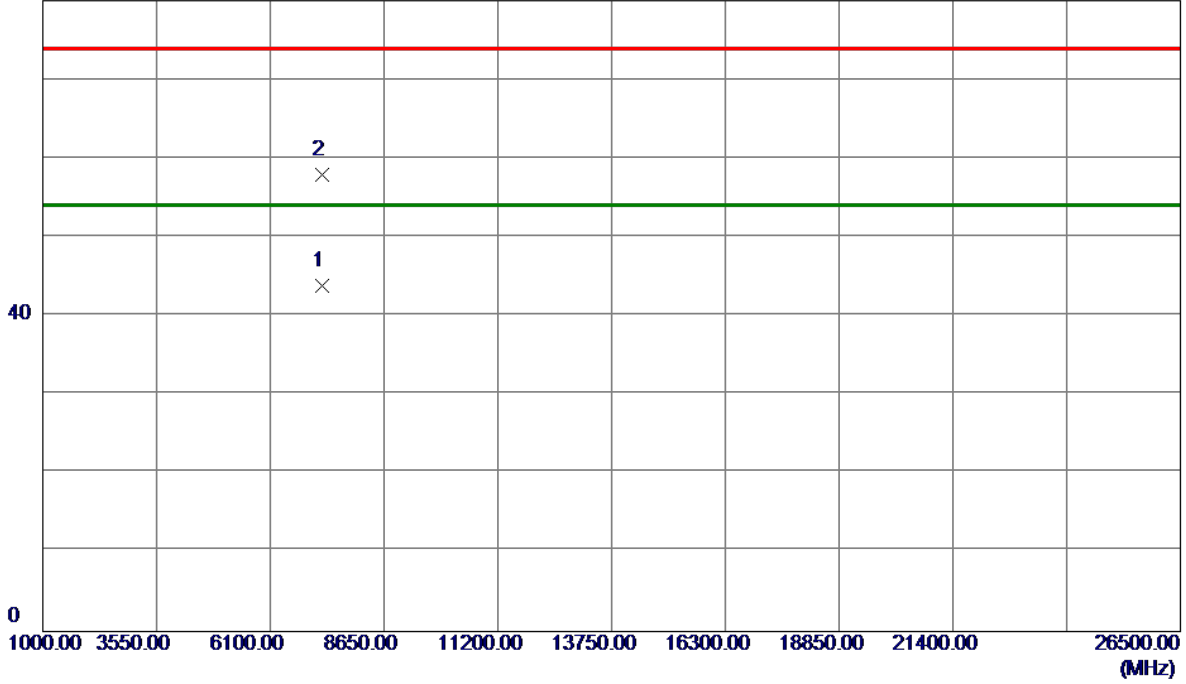


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	56.20	9.15	65.35	74.00	-8.65	Peak	
2	2390.0000	43.67	9.15	52.82	54.00	-1.18	AVG	
3 *	2423.8000	79.43	9.32	88.75	54.00	34.75	AVG	No Limit
4	2425.2000	89.35	9.33	98.68	74.00	24.68	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2422MHz

**Vertical**

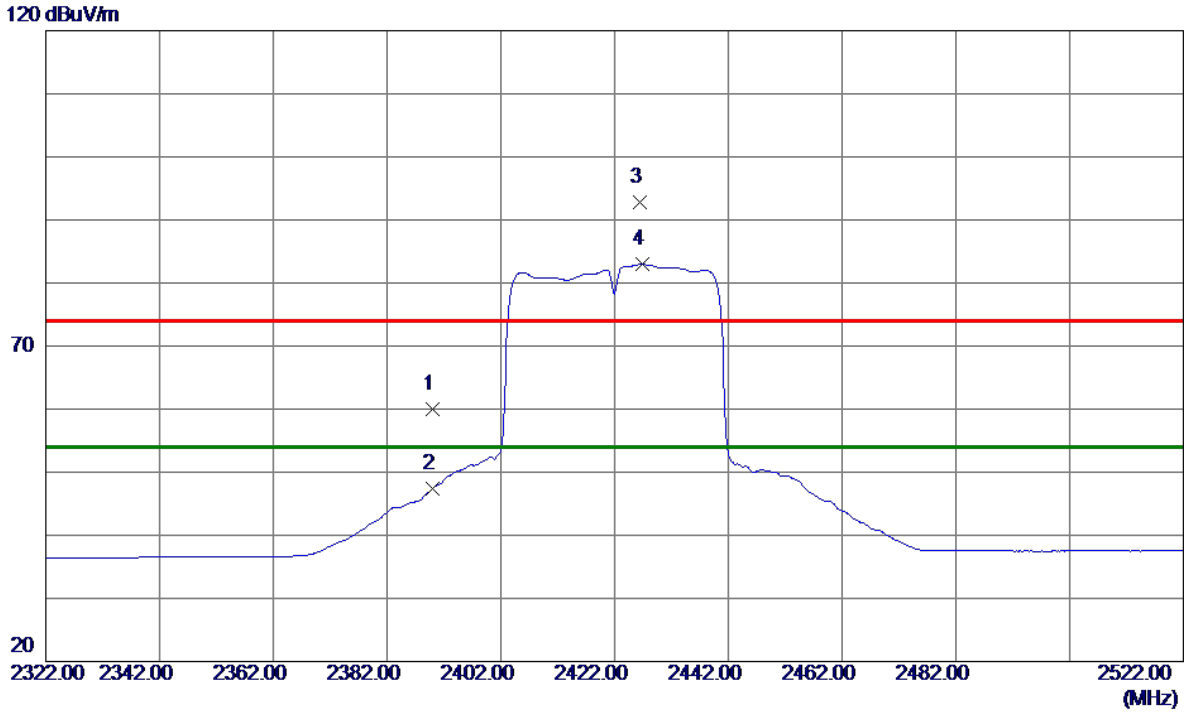
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7261.4000	33.47	10.39	43.86	54.00	-10.14	AVG	
2	7264.2000	47.55	10.40	57.95	74.00	-16.05	Peak	

Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2422MHz

### Horizontal

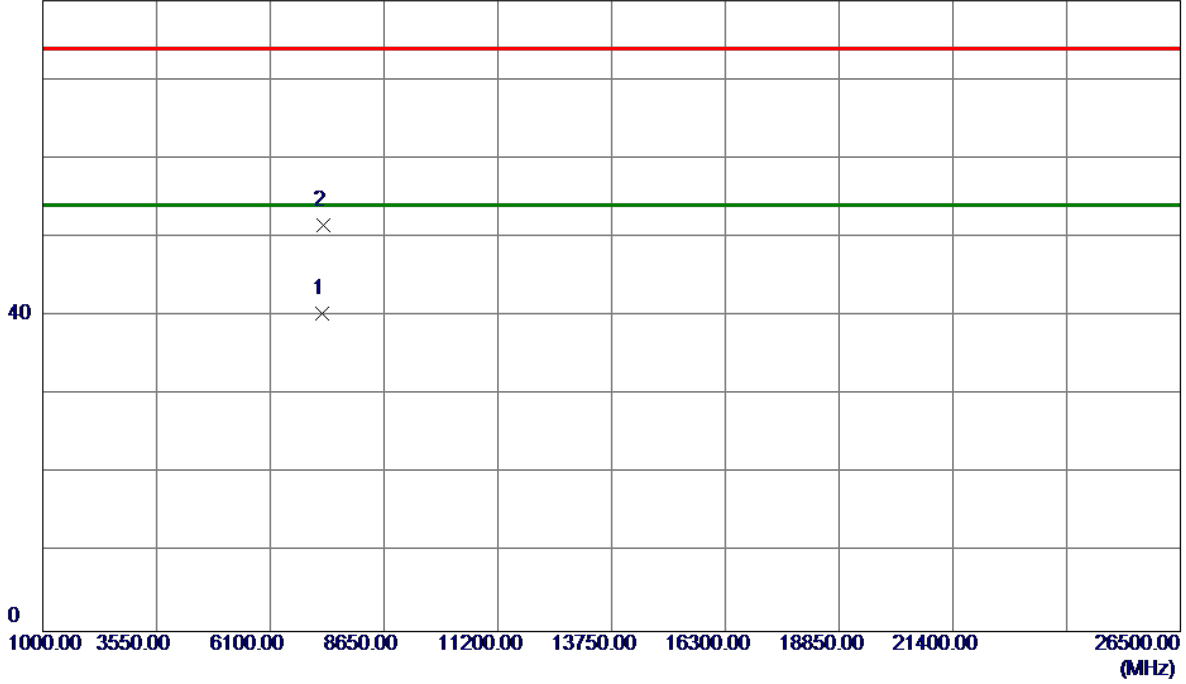


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	50.81	9.15	59.96	74.00	-14.04	Peak	
2	2390.0000	38.30	9.15	47.45	54.00	-6.55	AVG	
3	2426.4000	83.52	9.33	92.85	74.00	18.85	Peak	No Limit
4 *	2426.8000	73.63	9.34	82.97	54.00	28.97	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2422MHz

**Horizontal**

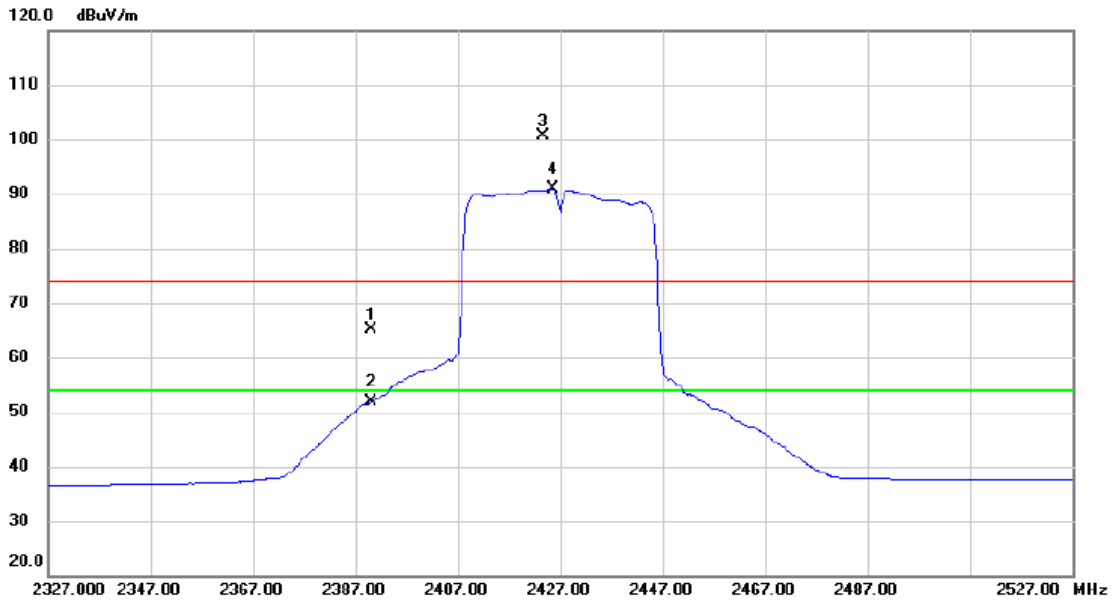
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7269.4000	29.86	10.41	40.27	54.00	-13.73	AVG	
2	7281.4000	41.02	10.43	51.45	74.00	-22.55	Peak	

Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2427MHz

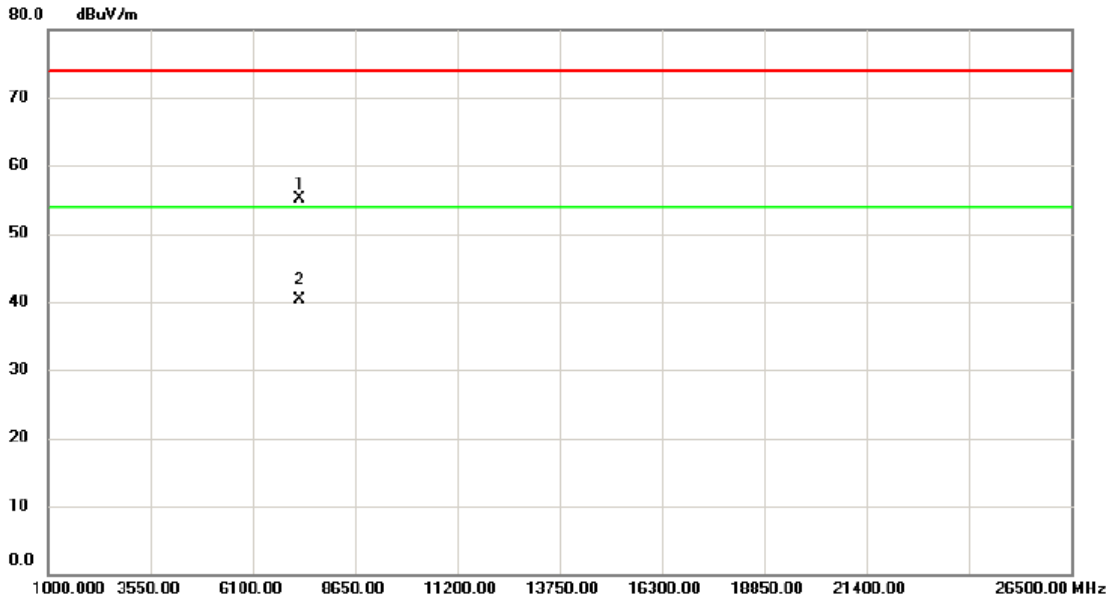
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2390.000	56.17	8.99	65.16	74.00	-8.84	peak	
2		2390.000	42.77	8.99	51.76	54.00	-2.24	AVG	
3	X	2423.600	91.56	9.15	100.71	74.00	26.71	peak	No Limit
4	*	2425.400	81.77	9.16	90.93	54.00	36.93	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2427MHz

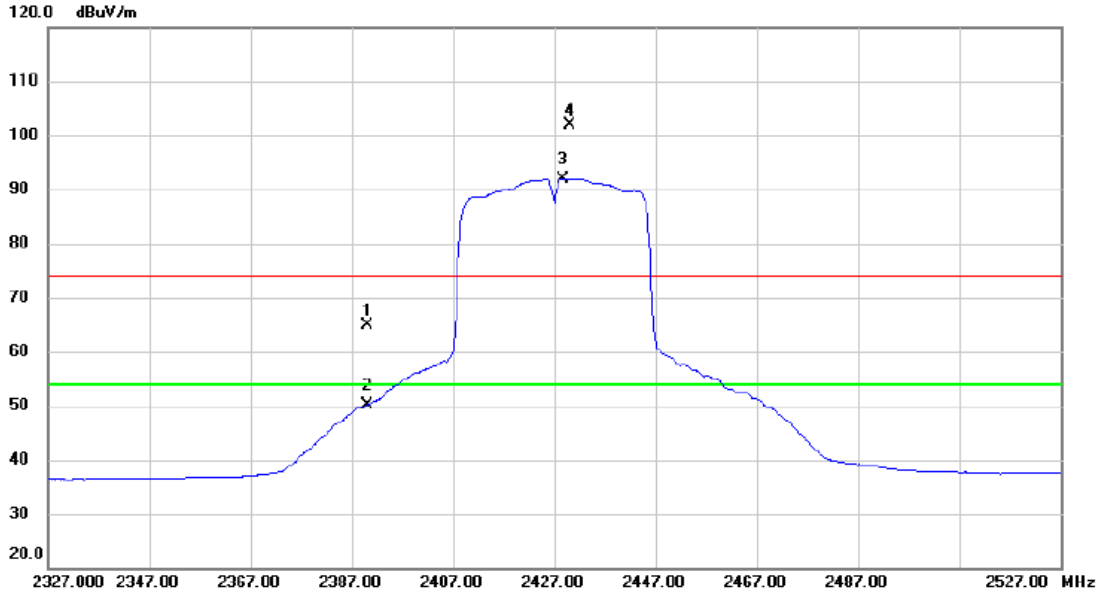
**Vertical**



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		7279.000	44.74	10.43	55.17	74.00	-18.83	peak	
2	*	7283.200	29.86	10.43	40.29	54.00	-13.71	AVG	

Orthogonal Axis :	X
Test Mode :	TX N-40M MODE 2427MHz

### Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		2390.000	55.88	8.99	64.87	74.00	-9.13	peak	
2		2390.000	41.15	8.99	50.14	54.00	-3.86	AVG	
3	*	2428.800	82.72	9.19	91.91	54.00	37.91	AVG	No Limit
4	X	2430.000	92.73	9.19	101.92	74.00	27.92	peak	No Limit