


# FCC Radio Test Report

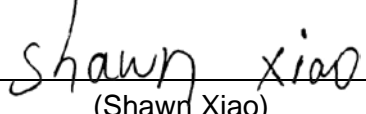
## FCC ID: VOB-P2897

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

**Project No.** : 1602C038D  
**Equipment** : SHIELD Android TV Game Console  
**Test Model** : P2897  
**Series Model** : N/A  
**Applicant** : NVIDIA Corporation  
**Address** : 2701 San Tomas Expressway, Santa Clara, CA, 95050,  
USA

**Date of Receipt** : Feb. 14, 2016  
Oct. 31, 2017  
**Date of Test** : Feb. 14, 2016 ~ Jul. 11, 2016  
Oct. 31, 2017 ~ Apr. 09, 2018  
**Issued Date** : Jun. 15, 2018  
**Tested by** : BTL Inc.

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### REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
BTL-FCCP-3-1602C038	Original report.	Jul. 12, 2016
BTL-FCCP-3-1602C038D	Compared with the previous report (BTL-FCCP-3-1602C038), the antenna 1 Gain is changed from 3.88dBi to 2.70dBi, the test items of Conducted Emission, Antenna conducted Spurious Emission, 6dB Bandwidth, Peak Output Power, Power Spectral Density, Antenna Requirement , Transmitter Radiated Emissions for antenna 1 have been re-evaluated and record in this report, the rest are keep the same.	Jun. 15, 2018

## 1. CERTIFICATION

Equipment : SHIELD Android TV Game Console  
Brand Name : NVIDIA  
Test Model : P2897  
Series Model : N/A  
Applicant : NVIDIA Corporation  
Manufacturer : NVIDIA Corporation  
Address : 2701 San Tomas Expressway, Santa Clara, CA, 95050, USA  
Date of Test : Feb. 14, 2016 ~ Jul. 11, 2016  
Nov. 21, 2017 ~ Apr. 09, 2018  
Test Sample : Engineering Sample  
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-3-1602C038D) 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).

**Test results included in this report is only for the WLAN 2.4G part.**

## 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)	Peak 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	SHIELD Android TV Game Console	
Brand Name	NVIDIA	
Test Model	P2897	
Series Model	N/A	
Model Difference	N/A	
Product Description	Operation Frequency	2412~2472 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 300 Mbps
	Output Power (Max.) CH01-CH11	802.11b: 23.07dBm 802.11g: 26.05dBm 802.11n(20MHz): 26.57dBm
	Output Power (Max.)-For CH12-13	802.11b: 19.51dBm 802.11g: 24.57dBm 802.11n(20MHz): 22.83dBm
Power Source	DC Voltage supplied from adapter. Manufacturer: FSP GROUP INC. Model: SPA040A19W2	
Power Rating	Adapter: Input: 100-240V~,1.2A,50-60Hz Output: 19.0V---2.1A EUT: Input: 19Vdc, 2.1A	

Note:

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

CH01 - CH13 for 802.11b, 802.11g, 802.11n(20MHz)							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
01	2412	05	2432	09	2452	13	2472
02	2417	06	2437	10	2457		
03	2422	07	2442	11	2462		
04	2427	08	2447	12	2467		

3. Table for Filed Antenna

Ant.	Brand/Mfr.	Model Name	Antenna Type	Connector	Gain (dBi)
1	NVIDIA Corporation	N/A	Monopole Antenna	IPEX	2.70
2	NVIDIA Corporation	N/A	Monopole Antenna	N/A	2.80

Note: The EUT incorporates a MIMO function. Physically, the EUT provides two completed transmitters and receivers (2T2R).

4. The worst case for 1TX/ 2TX as follow:

Operating Mode	TX Mode	1TX	2TX
		802.11b	V (ANT 1 or ANT 2)
802.11g		V (ANT 1 or ANT 2)	-
802.11n(20MHz)		-	V (ANT 1 + ANT 2)

### 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 01/06/11/12/13
Mode 2	TX G MODE CHANNEL 01/06/11/12/13
Mode 3	TX N-20MHZ MODE CHANNEL 01/06/11/12/13
Mode 4	TX MODE

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

For Conducted Test	
Final Test Mode	Description
Mode 5	TX MODE

For Radiated Test	
Final Test Mode	Description
Mode 1	TX B MODE CHANNEL 01/06/11/12/13
Mode 2	TX G MODE CHANNEL 01/06/11/12/13
Mode 3	TX N-20MHZ MODE CHANNEL 01/06/11/12/13

For Band Edge Test	
Final Test Mode	Description
Mode 1	TX B MODE CHANNEL 01/06/11/12/13
Mode 2	TX G MODE CHANNEL 01/06/11/12/13
Mode 3	TX N-20MHZ MODE CHANNEL 01/06/11/12/13

6dB Spectrum Bandwidth	
Final Test Mode	Description
Mode 1	TX B MODE CHANNEL 01/06/11/12/13
Mode 2	TX G MODE CHANNEL 01/06/11/12/13
Mode 3	TX N-20MHZ MODE CHANNEL 01/06/11/12/13

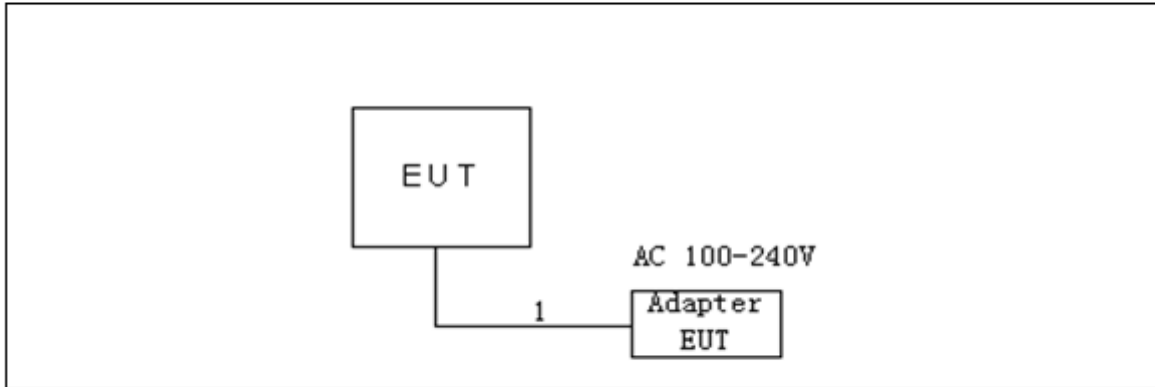
Maximum Conducted Output Power	
Final Test Mode	Description
Mode 1	TX B MODE CHANNEL 01/06/11/12/13
Mode 2	TX G MODE CHANNEL 01/06/11/12/13
Mode 3	TX N-20MHZ MODE CHANNEL 01/06/11/12/13

Power Spectral Density	
Final Test Mode	Description
Mode 1	TX B MODE CHANNEL 01/06/11/12/13
Mode 2	TX G MODE CHANNEL 01/06/11/12/13
Mode 3	TX N-20MHZ MODE CHANNEL 01/06/11/12/13

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 (13Mbps)  
 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.

### 3.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



### 3.4 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	1.8m	AC 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

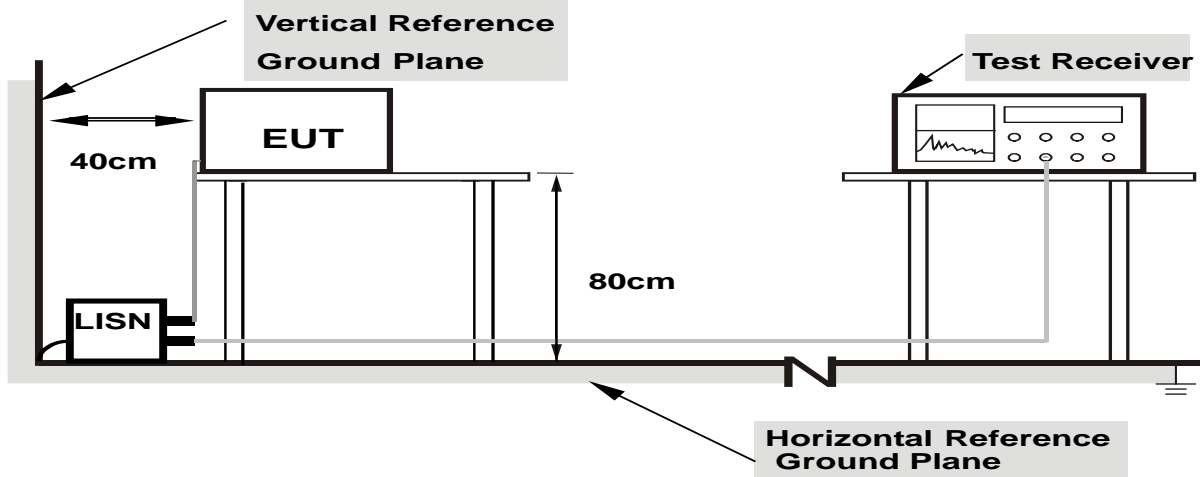
#### 4.1.2 TEST PROCEDURE

- 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

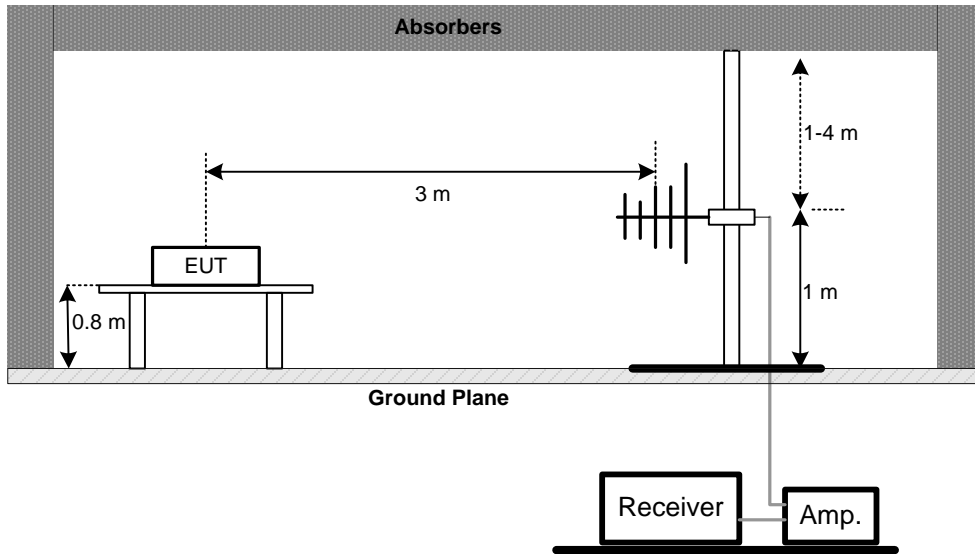
- a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
- b. The measuring distance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

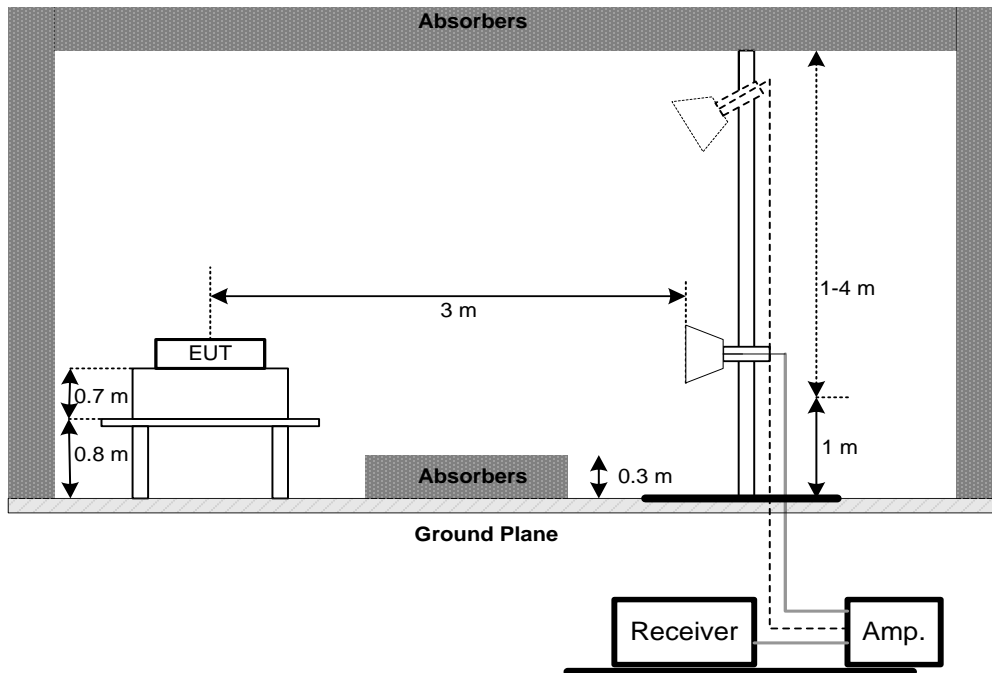
No deviation

#### 4.2.4 TEST SETUP

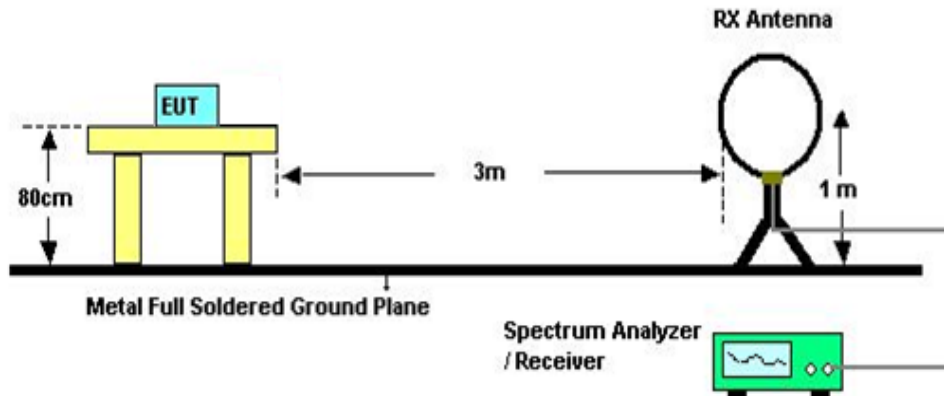
(A) Radiated Emission Test Set-Up Frequency Below 1 GHz



(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

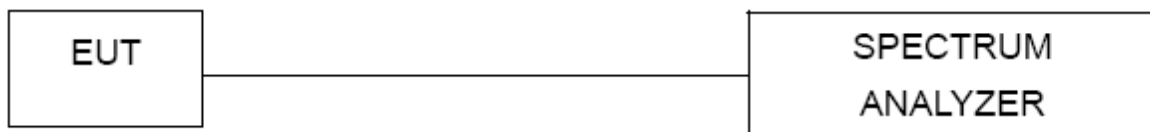
#### 5.1.1 TEST PROCEDURE

- 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 PEAK 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 9.1.2 of FCC KDB 558074 D01 DTS Meas Guidance and FCC KDB 662911 D01 Multiple Transmitter Output.

#### 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 device is operating, the RF power that is produced 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 that the transmitter demonstrates compliance with the peak conducted power limits.

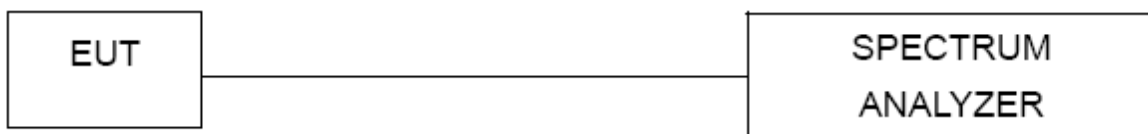
#### 7.1.1 TEST PROCEDURE

- 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

- 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=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 Measurement					
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 Measurement - 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 Measurement - 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 Measurement**

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

**Peak Output Power Measurement**

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Power Meter	ANRITSU	ML2495A	1128009	Mar. 11, 2019
2	Pulse Power Sensor	ANRITSU	MA 2411B	1027500	Mar. 11, 2019

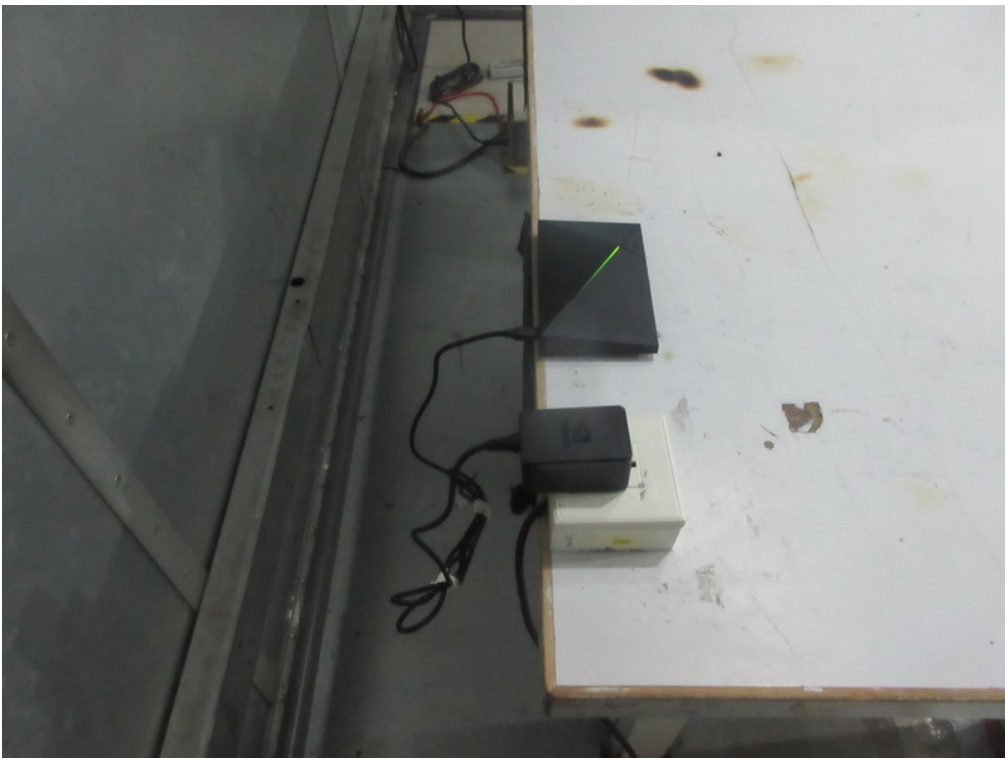
**Antenna Conducted Spurious Emission Measurement**

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

**Power Spectral Density Measurement**

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

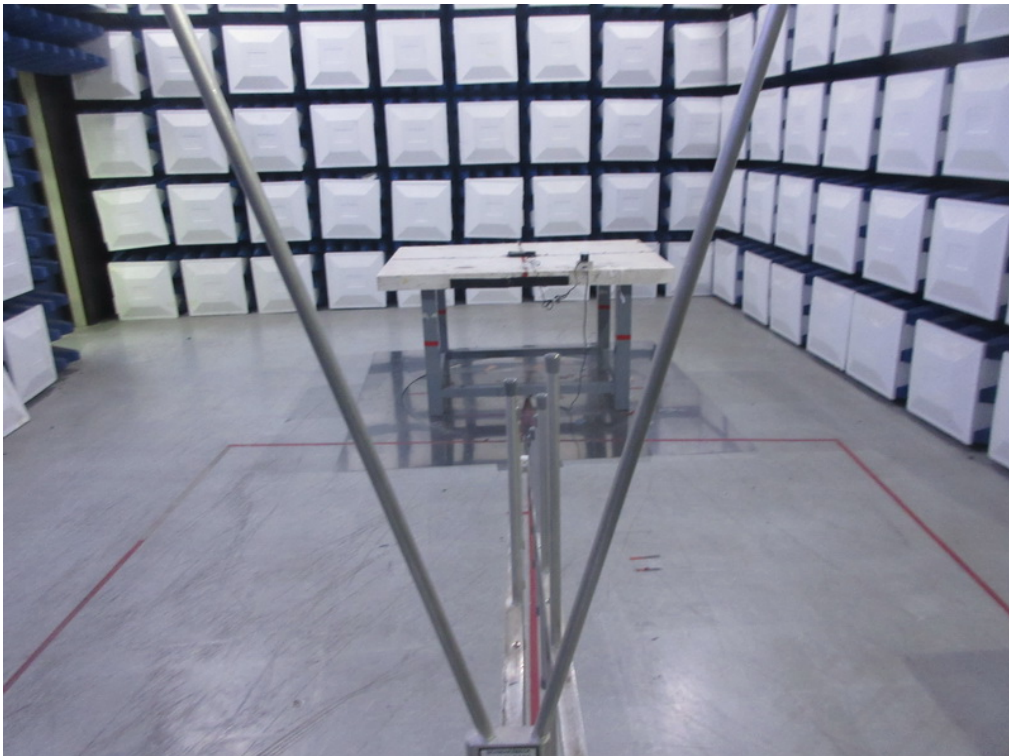
9KHz to 30MHz





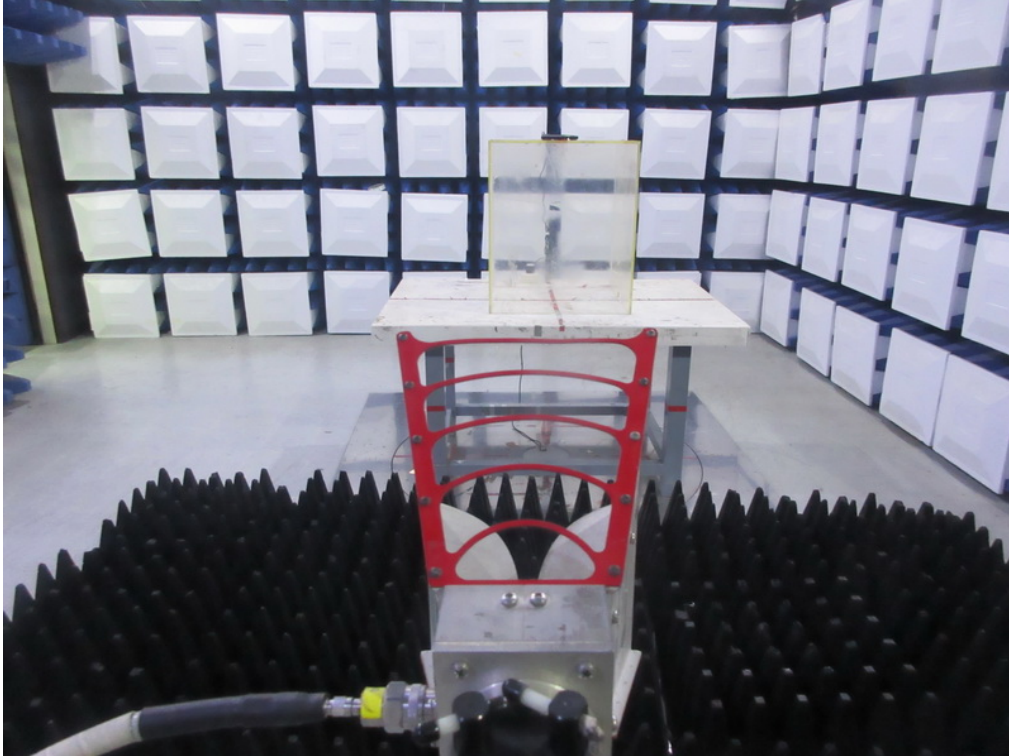
**Radiated Measurement Photos**

**30MHz to 1000MHz**



**Radiated Measurement Photos**

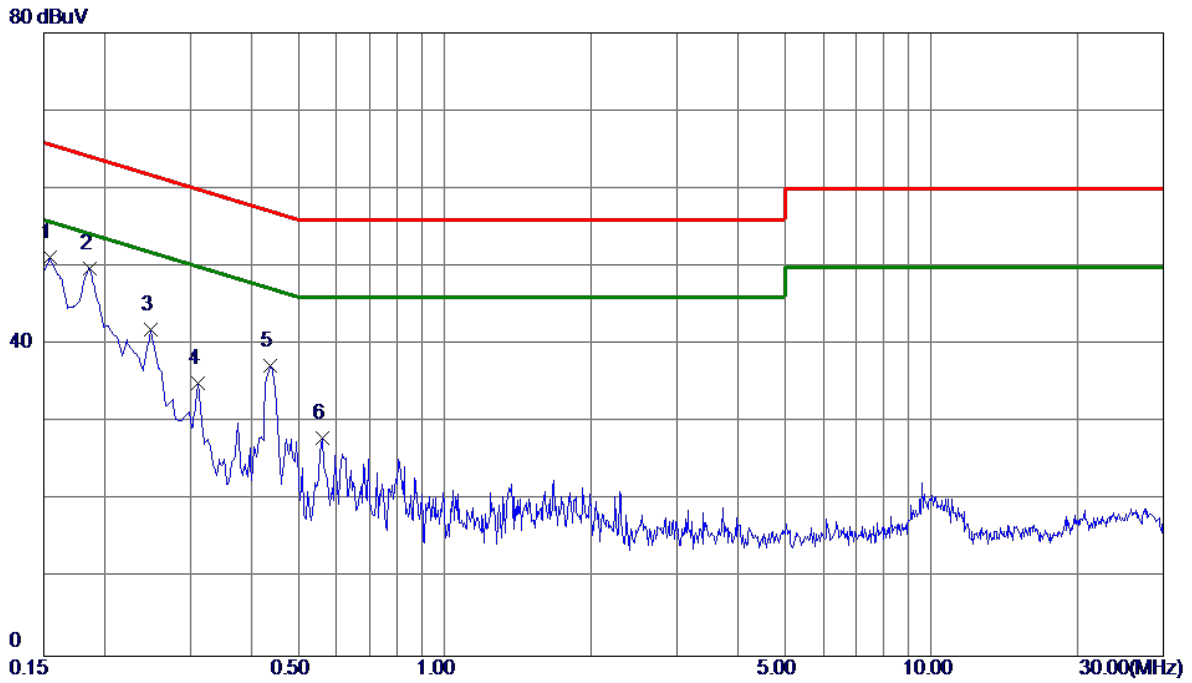
**Above 1000MHz**



## APPENDIX A - CONDUCTED EMISSION

Test Mode : TX MODE

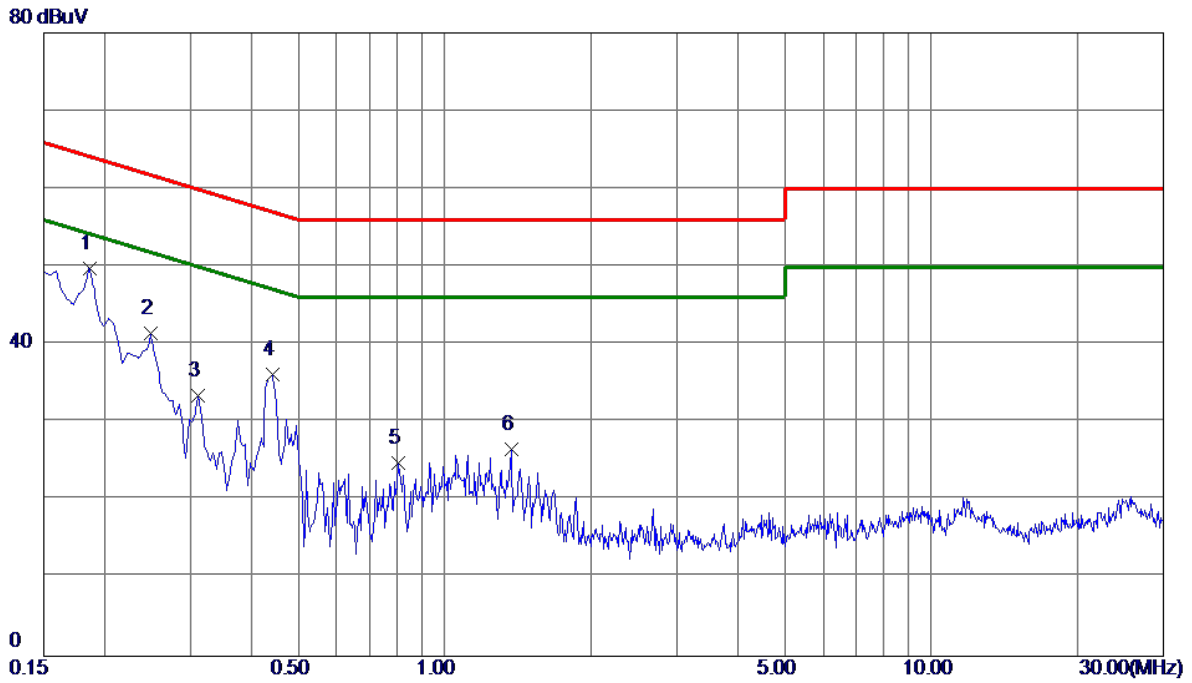
**Line**



No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	0.1545	41.48	9.75	51.23	65.75	-14.52	Peak	
2 *	0.1860	40.09	9.73	49.82	64.21	-14.39	Peak	
3	0.2490	32.26	9.72	41.98	61.79	-19.81	Peak	
4	0.3120	25.39	9.72	35.11	59.92	-24.81	Peak	
5	0.4380	27.53	9.75	37.28	57.10	-19.82	Peak	
6	0.5595	18.18	9.76	27.94	56.00	-28.06	Peak	

Test Mode : TX MODE

**Neutral**



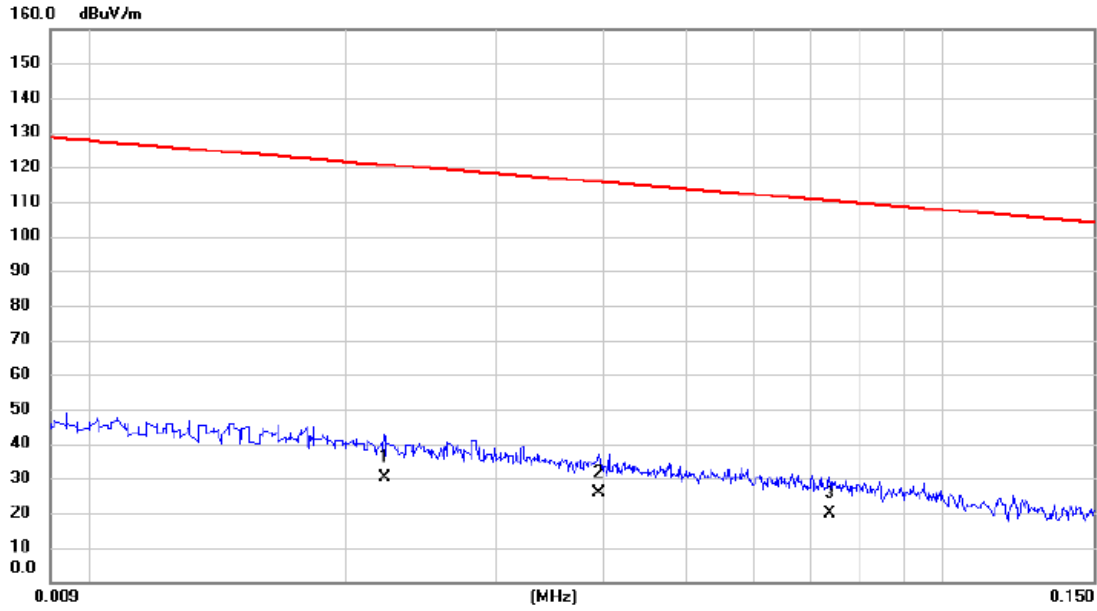
No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1 *	0.1860	40.14	9.65	49.79	64.21	-14.42	Peak	
2	0.2490	31.84	9.63	41.47	61.79	-20.32	Peak	
3	0.3120	23.81	9.64	33.45	59.92	-26.47	Peak	
4	0.4425	26.51	9.65	36.16	57.01	-20.85	Peak	
5	0.8025	15.08	9.66	24.74	56.00	-31.26	Peak	
6	1.3695	16.93	9.69	26.62	56.00	-29.38	Peak	



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

Test Mode: TX Mode

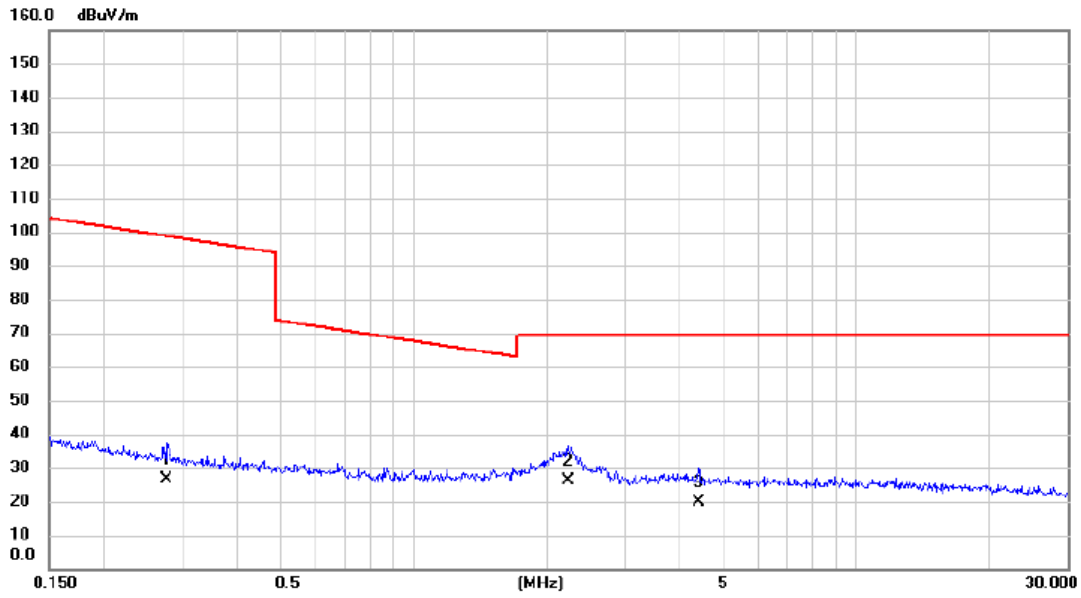
Ant 0°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.0222	30.10	0.02	30.12	120.68	-90.56	AVG	
2	*	0.0395	25.60	0.02	25.62	115.67	-90.05	AVG	
3		0.0736	19.60	0.03	19.63	110.27	-90.64	AVG	

Test Mode: TX Mode

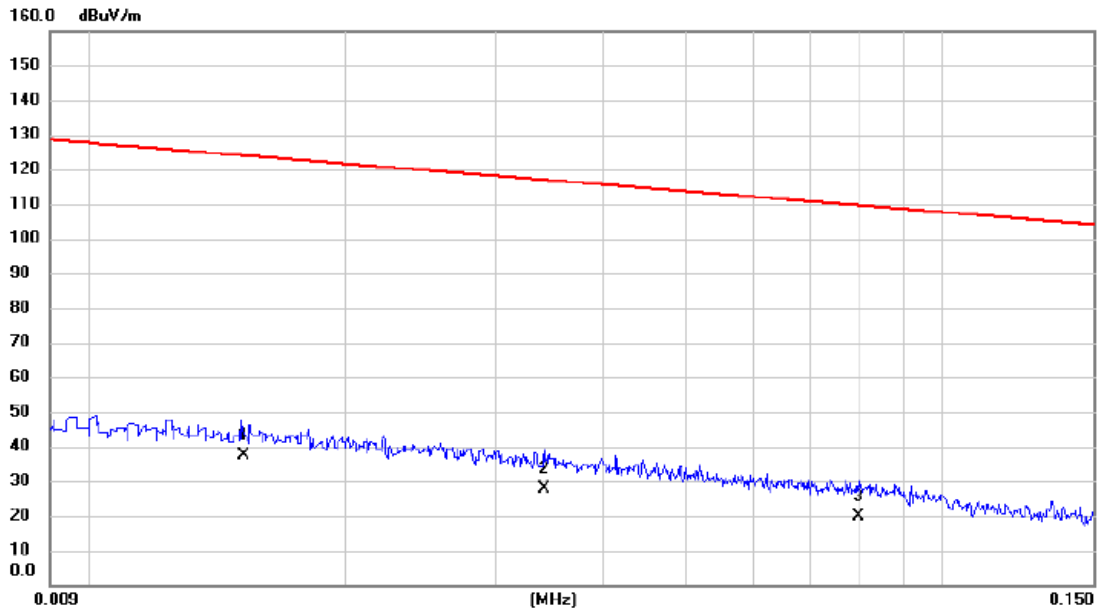
Ant 0°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.2773	26.50	0.06	26.56	98.75	-72.19	AVG	
2	*	2.2367	26.10	0.11	26.21	69.54	-43.33	QP	
3		4.4071	19.60	0.16	19.76	69.54	-49.78	QP	

Test Mode: TX Mode

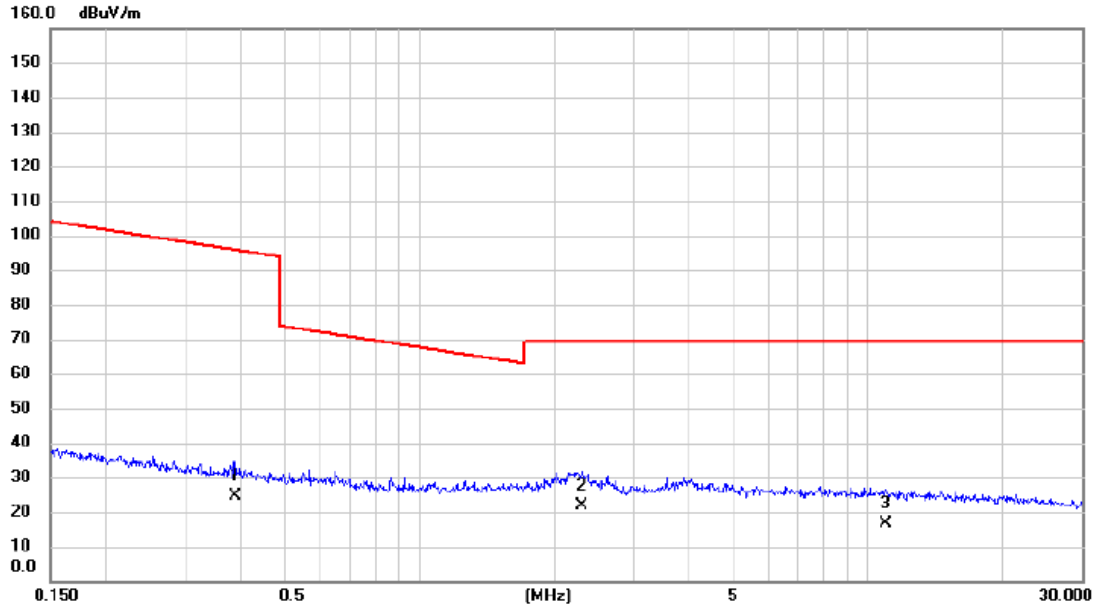
Ant 90°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	0.0152	37.50	0.02	37.52	123.97	-86.45	AVG	
2		0.0342	27.90	0.02	27.92	116.92	-89.00	AVG	
3		0.0796	19.60	0.03	19.63	109.59	-89.96	AVG	

Test Mode: TX Mode

Ant 90°

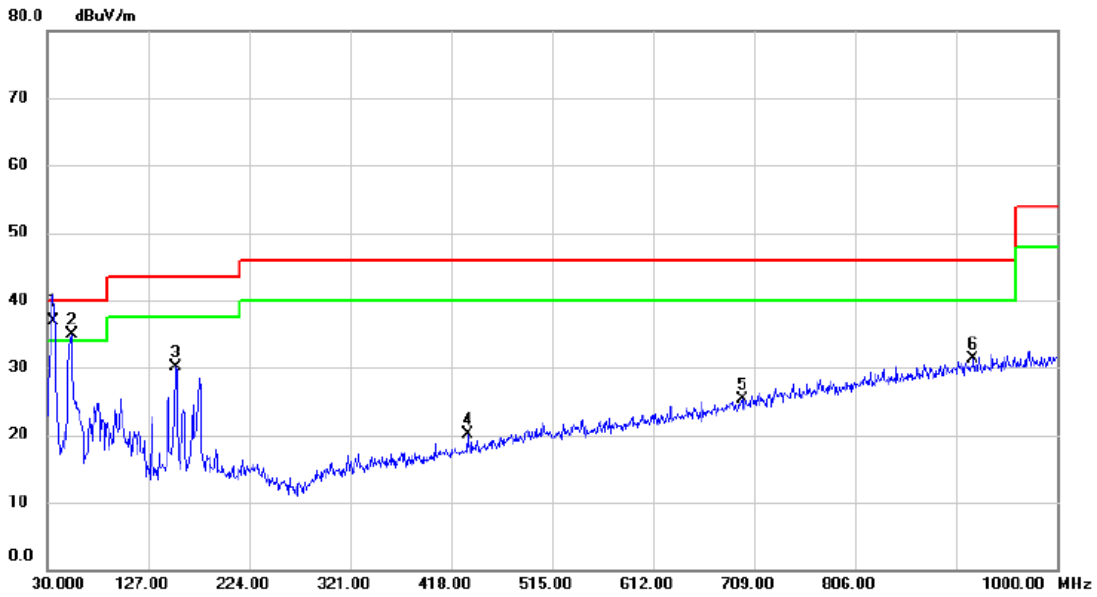


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.3871	24.50	0.06	24.56	95.85	-71.29	AVG	
2	*	2.2967	21.50	0.12	21.62	69.54	-47.92	QP	
3		10.9630	16.40	0.26	16.66	69.54	-52.88	QP	

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

Test Mode: TX B MODE CHANNEL 01\_ANT1

**Vertical**

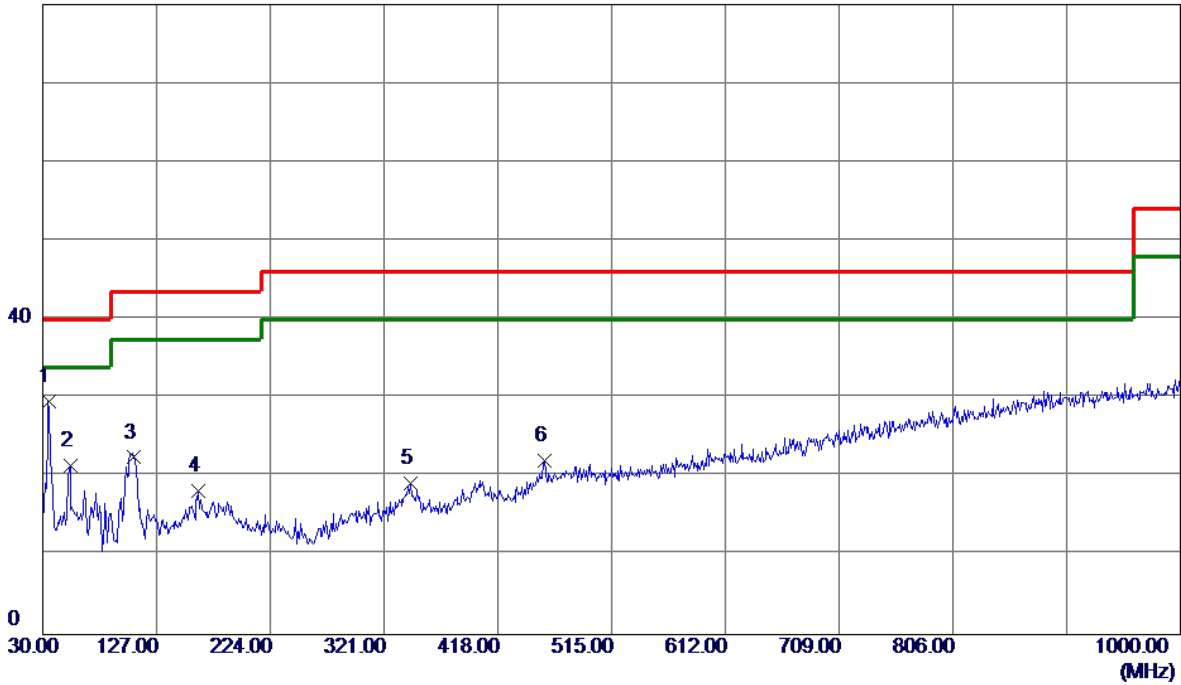


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	35.820	51.32	-14.51	36.81	40.00	-3.19	QP	
2	!	53.280	48.69	-13.88	34.81	40.00	-5.19	peak	
3		153.190	43.42	-13.33	30.09	43.50	-13.41	peak	
4		433.520	30.48	-10.41	20.07	46.00	-25.93	peak	
5		697.360	29.33	-4.02	25.31	46.00	-20.69	peak	
6		919.490	29.87	1.41	31.28	46.00	-14.72	peak	

Test Mode: TX B MODE CHANNEL 01\_ANT1

**Horizontal**

80 dBuV/m

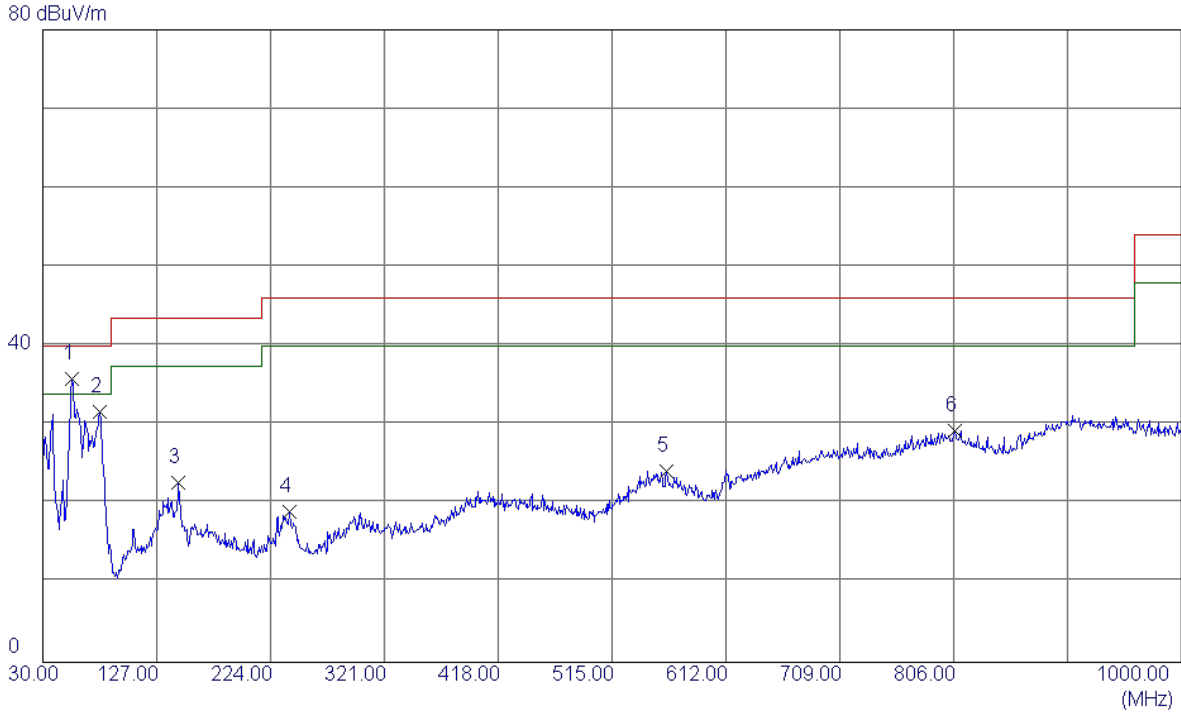


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	34.8500	44.28	-14.62	29.66	40.00	-10.34	Peak	
2	53.2800	35.27	-13.88	21.39	40.00	-18.61	Peak	
3	107.6000	38.98	-16.50	22.48	43.50	-21.02	Peak	
4	162.8900	31.07	-12.76	18.31	43.50	-25.19	Peak	
5	343.3100	31.29	-12.07	19.22	46.00	-26.78	Peak	
6	457.7700	31.85	-9.75	22.10	46.00	-23.90	Peak	



Test Mode: TX B MODE CHANNEL 01\_ANT2

**Vertical**

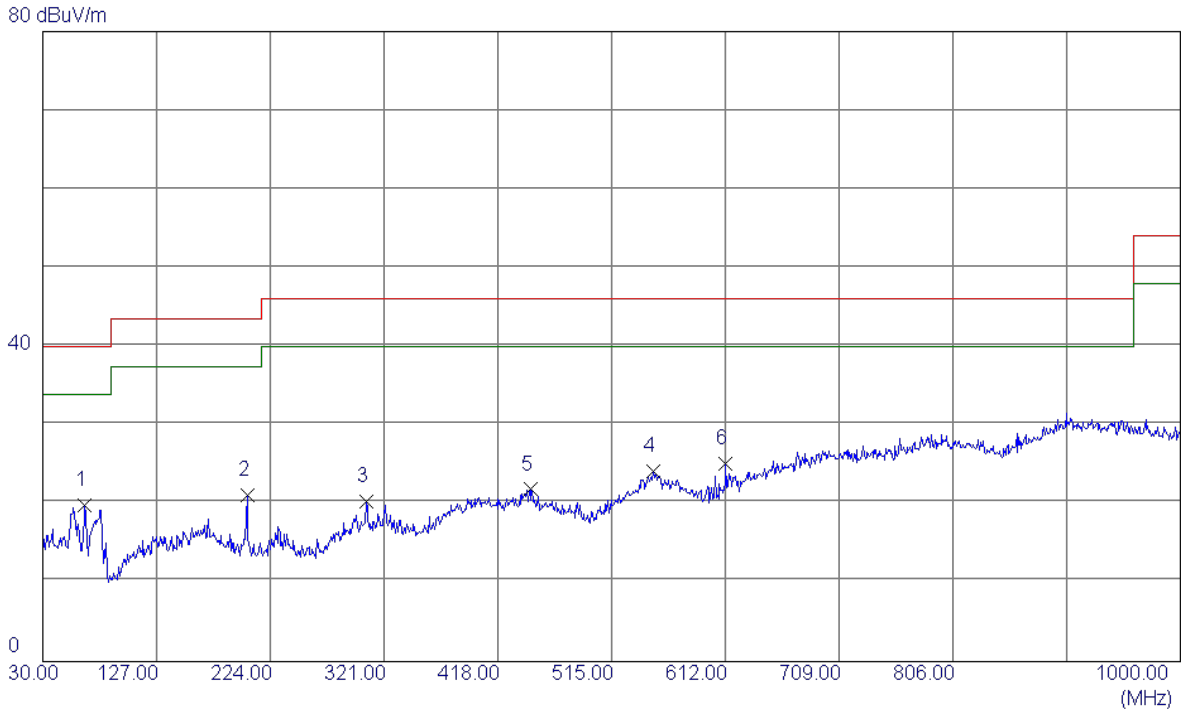


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	55.2200	49.23	-13.33	35.90	40.00	-4.10	Peak	
2	78.5000	47.75	-16.14	31.61	40.00	-8.39	Peak	
3	145.4299	36.02	-13.34	22.68	43.50	-20.82	Peak	
4	240.0050	33.05	-13.97	19.08	46.00	-26.92	Peak	
5	561.5600	30.10	-5.87	24.23	46.00	-21.77	Peak	
6	806.9699	30.24	-0.96	29.28	46.00	-16.72	Peak	

Remark: This test data is from original report BTL-FCCP-3-1602C038.

Test Mode: TX B MODE CHANNEL 01 \_ANT2

**Horizontal**

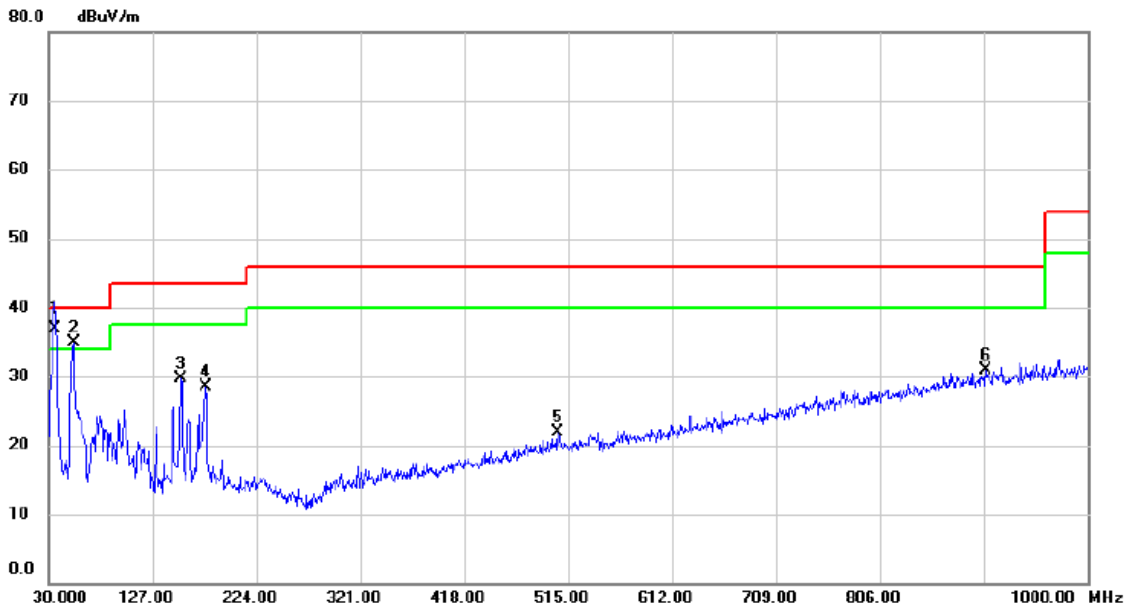


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	65.8900	35.14	-15.35	19.79	40.00	-20.21	Peak	
2	204.1150	35.74	-14.64	21.10	43.50	-22.40	Peak	
3	305.4800	30.90	-10.59	20.31	46.00	-25.69	Peak	
4	550.8900	29.54	-5.32	24.22	46.00	-21.78	Peak	
5	445.6450	30.39	-8.55	21.84	46.00	-24.16	Peak	
6	612.0000	32.29	-7.19	25.10	46.00	-20.90	Peak	

Remark: This test data is from original report BTL-FCCP-3-1602C038.

Test Mode: TX B MODE CHANNEL 06\_ANT1

**Vertical**

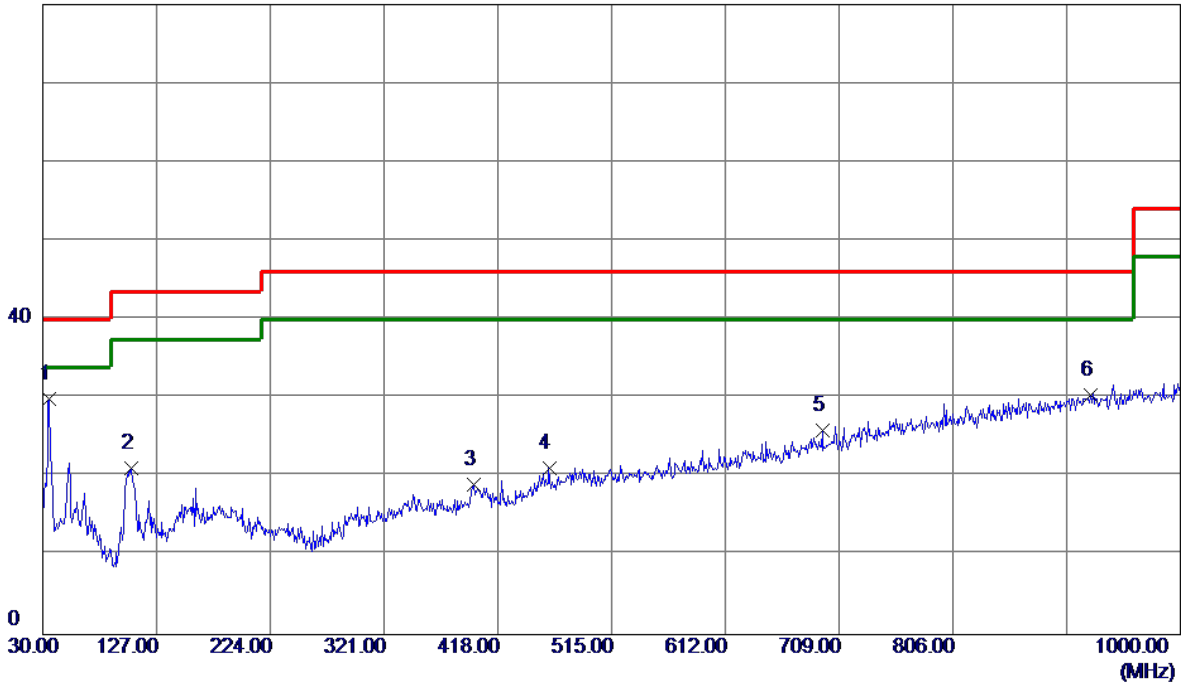


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	35.820	51.36	-14.51	36.85	40.00	-3.15	QP	
2	!	53.280	48.69	-13.88	34.81	40.00	-5.19	peak	
3		153.190	43.03	-13.33	29.70	43.50	-13.80	peak	
4		176.470	40.63	-12.14	28.49	43.50	-15.01	peak	
5		505.300	30.50	-8.61	21.89	46.00	-24.11	peak	
6		904.940	29.76	1.12	30.88	46.00	-15.12	peak	

Test Mode: TX B MODE CHANNEL 06\_ANT1

**Horizontal**

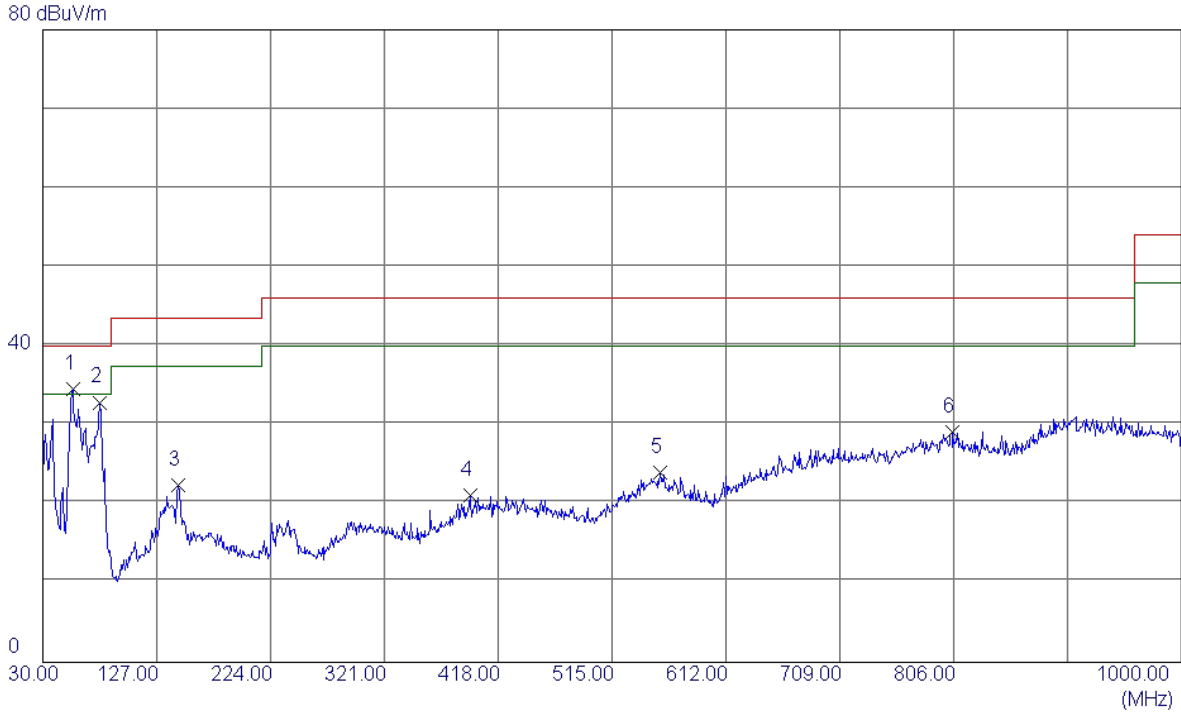
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	35.8200	44.36	-14.51	29.85	40.00	-10.15	Peak	
2	105.6600	37.82	-16.75	21.07	43.50	-22.43	Peak	
3	397.6300	30.37	-11.39	18.98	46.00	-27.02	Peak	
4	461.6500	30.81	-9.66	21.15	46.00	-24.85	Peak	
5	694.4500	29.96	-4.11	25.85	46.00	-20.15	Peak	
6	923.3700	28.87	1.48	30.35	46.00	-15.65	Peak	

Test Mode: TX B MODE CHANNEL 06\_ANT2

**Vertical**

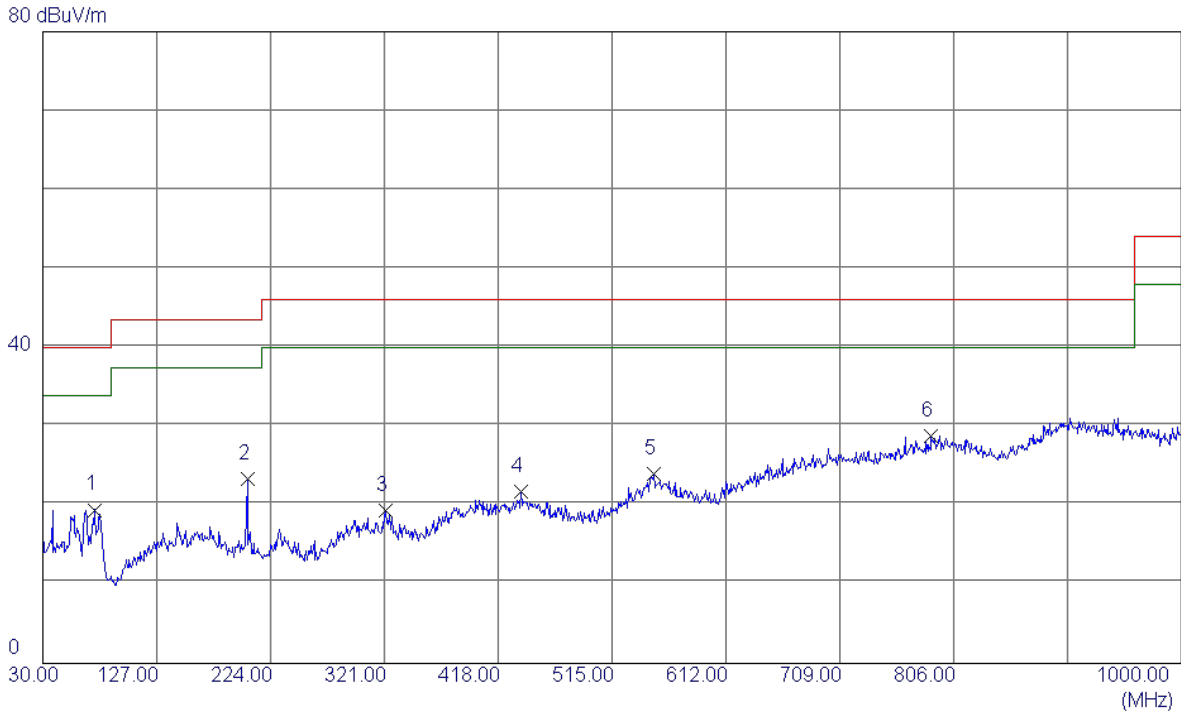


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	55.7050	47.89	-13.26	34.63	40.00	-5.37	Peak	
2	78.9850	48.97	-16.09	32.88	40.00	-7.12	Peak	
3	145.4299	35.78	-13.34	22.44	43.50	-21.06	Peak	
4	394.2349	29.82	-8.66	21.16	46.00	-24.84	Peak	
5	555.7400	29.50	-5.57	23.93	46.00	-22.07	Peak	
6	804.5450	29.93	-0.88	29.05	46.00	-16.95	Peak	

Remark: This test data is from original report BTL-FCCP-3-1602C038.

Test Mode: TX B MODE CHANNEL 06\_ANT2

Horizontal

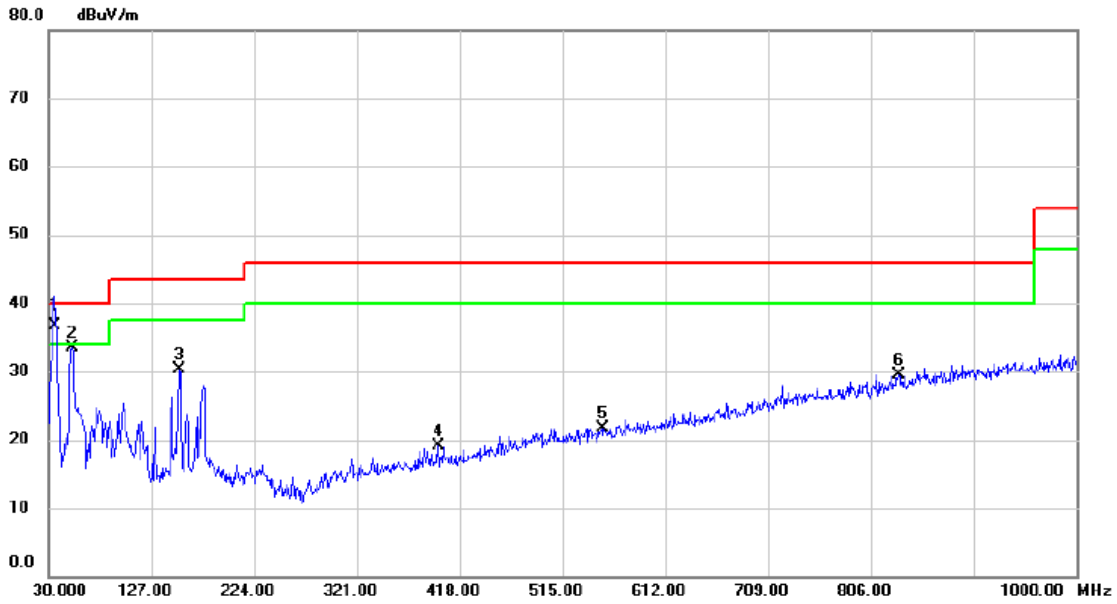


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	74.1350	35.95	-16.51	19.44	40.00	-20.56	Peak	
2	204.1150	38.06	-14.64	23.42	43.50	-20.08	Peak	
3	321.9700	30.35	-10.97	19.38	46.00	-26.62	Peak	
4	437.8850	30.20	-8.50	21.70	46.00	-24.30	Peak	
5	550.4050	29.24	-5.30	23.94	46.00	-22.06	Peak	
6 *	786.6000	30.11	-1.33	28.78	46.00	-17.22	Peak	

Remark: This test data is from original report BTL-FCCP-3-1602C038.

Test Mode: TX B MODE CHANNEL 11\_ANT1

**Vertical**

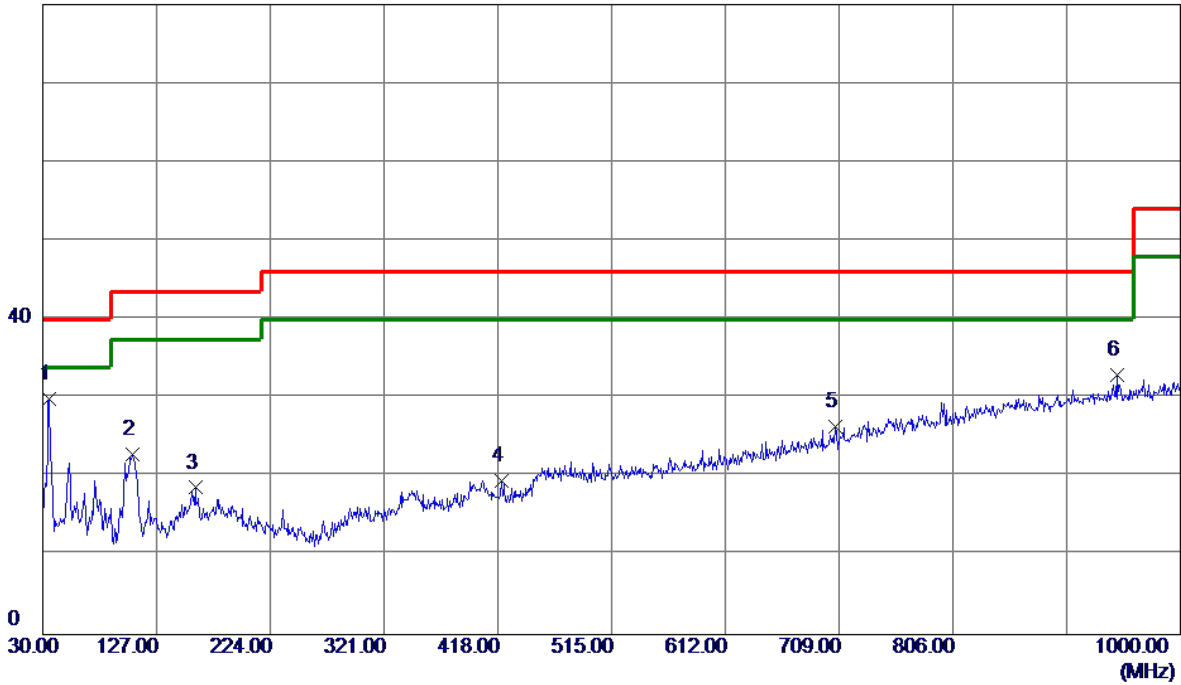


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	35.820	51.29	-14.51	36.78	40.00	-3.22	QP	
2		52.310	47.27	-13.79	33.48	40.00	-6.52	peak	
3		153.190	43.59	-13.33	30.26	43.50	-13.24	peak	
4		397.630	30.43	-11.38	19.05	46.00	-26.95	peak	
5		552.830	29.34	-7.64	21.70	46.00	-24.30	peak	
6		832.190	29.92	-0.49	29.43	46.00	-16.57	peak	

Test Mode: TX B MODE CHANNEL 11\_ANT1

**Horizontal**

80 dBuV/m

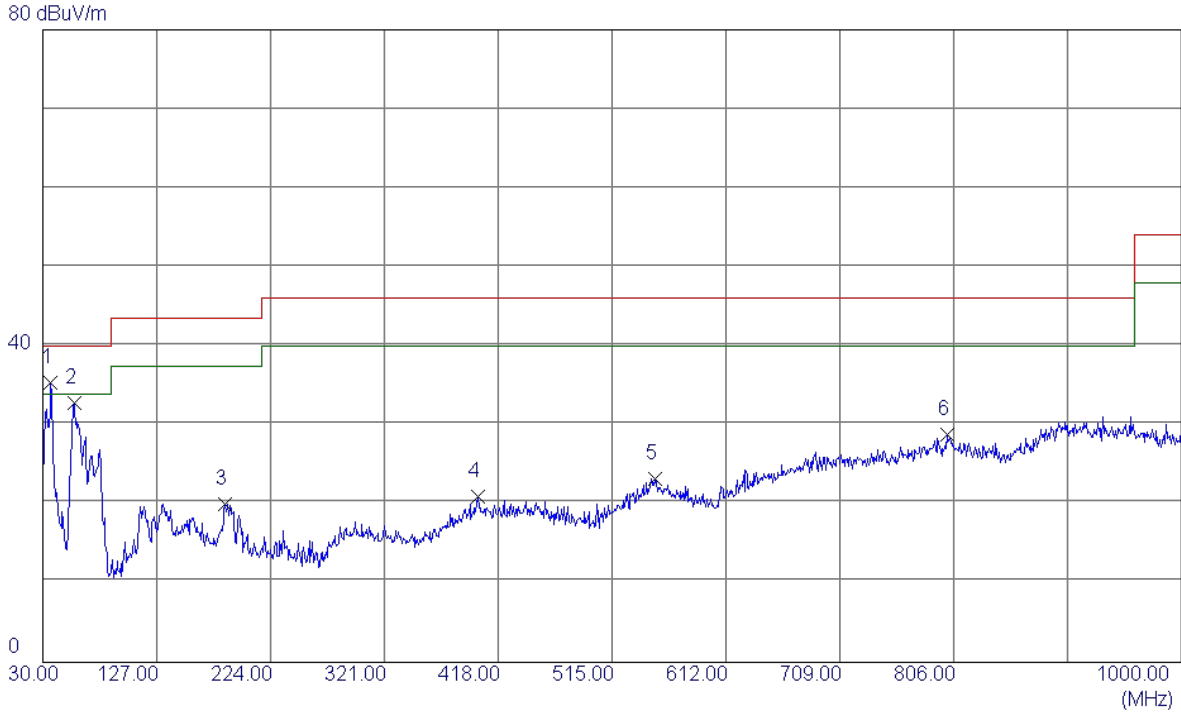


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	35.8200	44.36	-14.51	29.85	40.00	-10.15	Peak	
2	106.6300	39.46	-16.62	22.84	43.50	-20.66	Peak	
3	159.9800	31.57	-12.93	18.64	43.50	-24.86	Peak	
4	420.9100	30.32	-10.77	19.55	46.00	-26.45	Peak	
5	706.0900	30.14	-3.76	26.38	46.00	-19.62	Peak	
6	945.6800	31.04	1.91	32.95	46.00	-13.05	Peak	



Test Mode: TX B MODE CHANNEL 11\_ANT2

**Vertical**

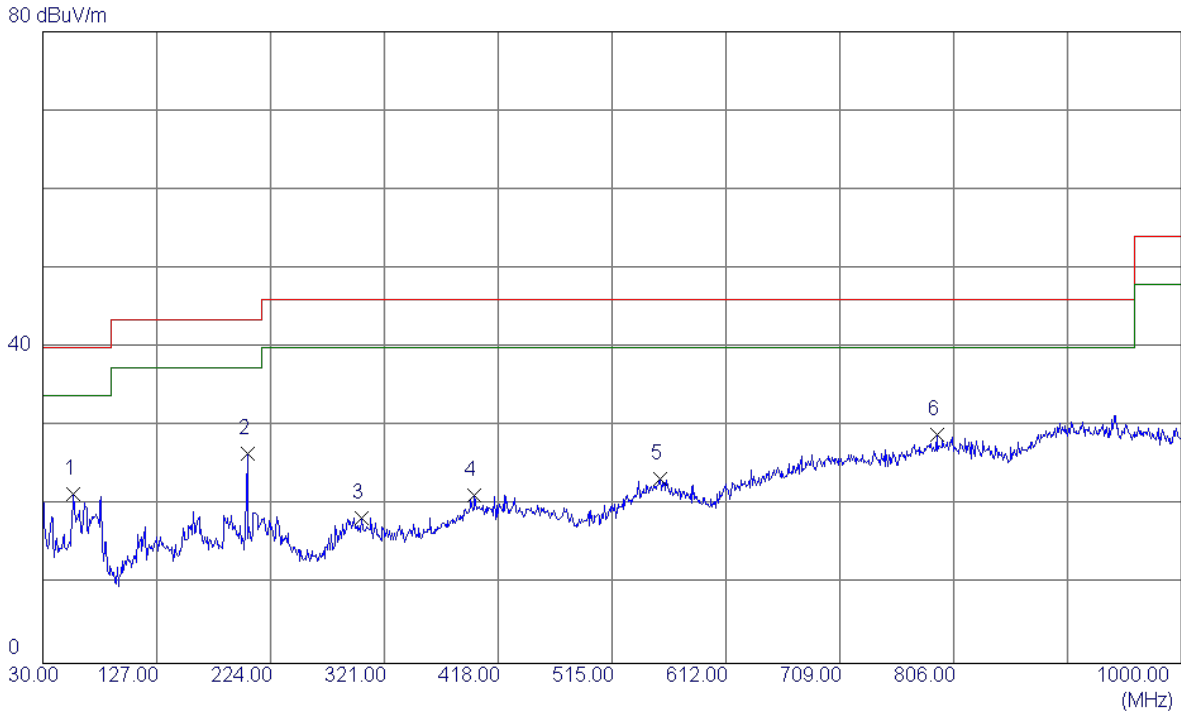


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	36.7900	49.21	-13.85	35.36	40.00	-4.64	Peak	
2	56.6750	46.21	-13.40	32.81	40.00	-7.19	Peak	
3	185.2000	33.54	-13.49	20.05	43.50	-23.45	Peak	
4	400.5400	29.20	-8.27	20.93	46.00	-25.07	Peak	
5	551.3750	28.59	-5.35	23.24	46.00	-22.76	Peak	
6	800.6650	29.62	-0.76	28.86	46.00	-17.14	Peak	

Remark: This test data is from original report BTL-FCCP-3-1602C038.

Test Mode: TX B MODE CHANNEL 11\_ANT2

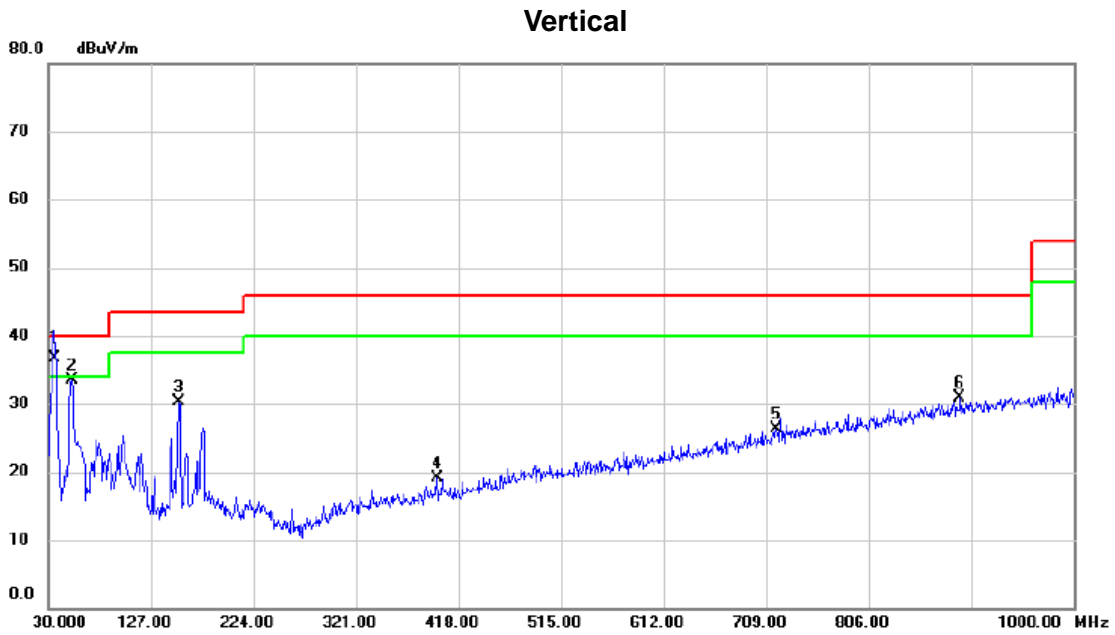
**Horizontal**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	56.1900	34.65	-13.26	21.39	40.00	-18.61	Peak	
2 *	204.1150	41.14	-14.64	26.50	43.50	-17.00	Peak	
3	302.0850	28.87	-10.51	18.36	46.00	-27.64	Peak	
4	397.6300	29.72	-8.43	21.29	46.00	-24.71	Peak	
5	555.7400	28.93	-5.57	23.36	46.00	-22.64	Peak	
6	791.9350	30.00	-1.09	28.91	46.00	-17.09	Peak	

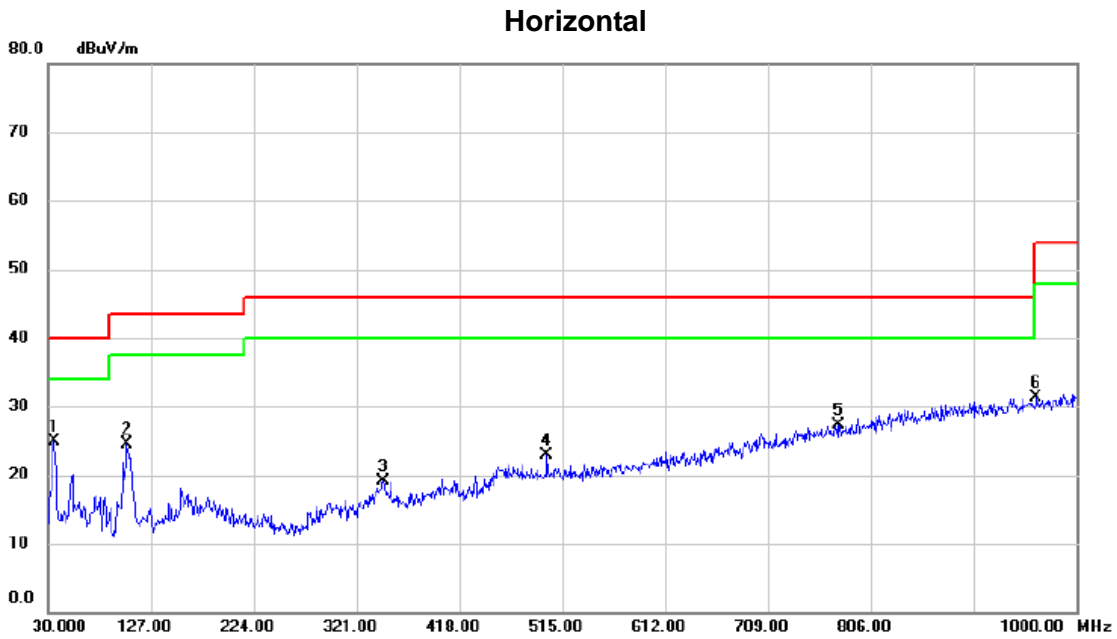
Remark: This test data is from original report BTL-FCCP-3-1602C038.

Test Mode: TX B MODE CHANNEL 12\_ANT1



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	35.820	51.29	-14.51	36.78	40.00	-3.22	QP	
2		52.310	47.27	-13.79	33.48	40.00	-6.52	peak	
3		153.190	43.59	-13.33	30.26	43.50	-13.24	peak	
4		397.630	30.43	-11.38	19.05	46.00	-26.95	peak	
5		718.700	29.61	-3.38	26.23	46.00	-19.77	peak	
6		892.330	30.00	0.87	30.87	46.00	-15.13	peak	

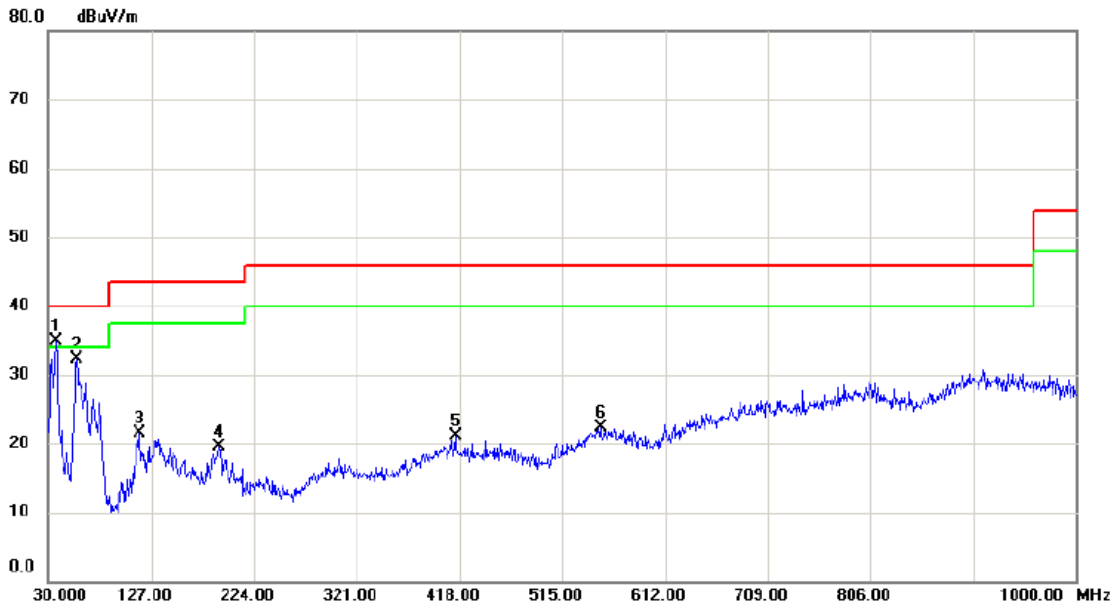
Test Mode: TX B MODE CHANNEL 12\_ANT1



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	35.820	39.47	-14.51	24.96	40.00	-15.04	peak	
2		104.690	41.39	-16.88	24.51	43.50	-18.99	peak	
3		346.220	31.09	-12.03	19.06	46.00	-26.94	peak	
4		500.450	31.68	-8.71	22.97	46.00	-23.03	peak	
5		774.960	29.26	-1.90	27.36	46.00	-18.64	peak	
6		962.170	29.10	2.23	31.33	54.00	-22.67	peak	

Test Mode: TX B MODE CHANNEL 12\_ANT2

**Vertical**

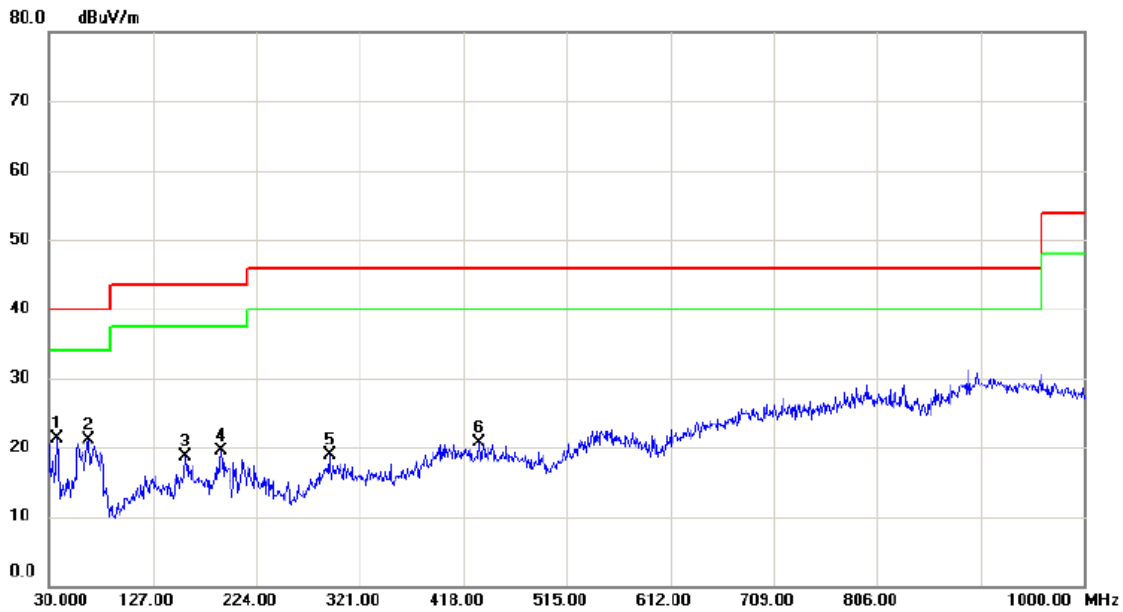


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	37.2750	48.81	-13.95	34.86	40.00	-5.14	peak	
2		56.6750	45.80	-13.41	32.39	40.00	-7.61	peak	
3		115.3600	35.49	-14.00	21.49	43.50	-22.01	peak	
4		191.0200	33.54	-14.08	19.46	43.50	-24.04	peak	
5		414.6050	29.54	-8.36	21.18	46.00	-24.82	peak	
6		551.3750	27.64	-5.34	22.30	46.00	-23.70	peak	

Remark: This test data is from original report BTL-FCCP-3-1602C038.

Test Mode: TX B MODE CHANNEL 12\_ANT2

Horizontal

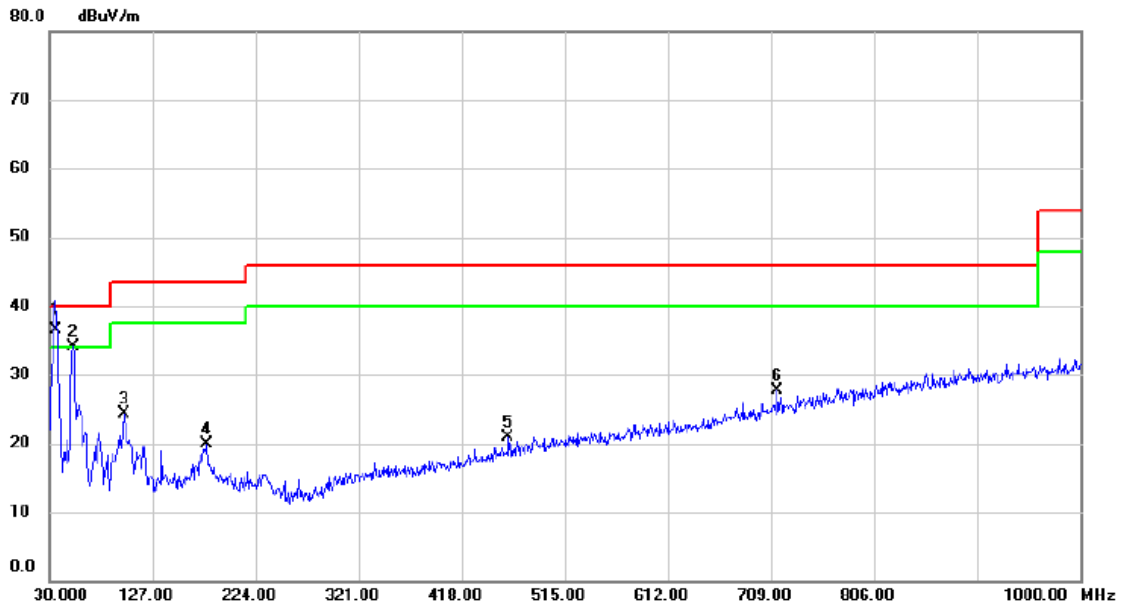


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	36.7900	35.16	-13.86	21.30	40.00	-18.70	peak	
2		67.3450	36.80	-15.74	21.06	40.00	-18.94	peak	
3		157.5550	31.00	-12.38	18.62	43.50	-24.88	peak	
4		191.5050	33.64	-14.10	19.54	43.50	-23.96	peak	
5		292.8700	30.10	-11.21	18.89	46.00	-27.11	peak	
6		432.5500	29.13	-8.47	20.66	46.00	-25.34	peak	

Remark: This test data is from original report BTL-FCCP-3-1602C038.

Test Mode: TX B MODE CHANNEL 13\_ANT1

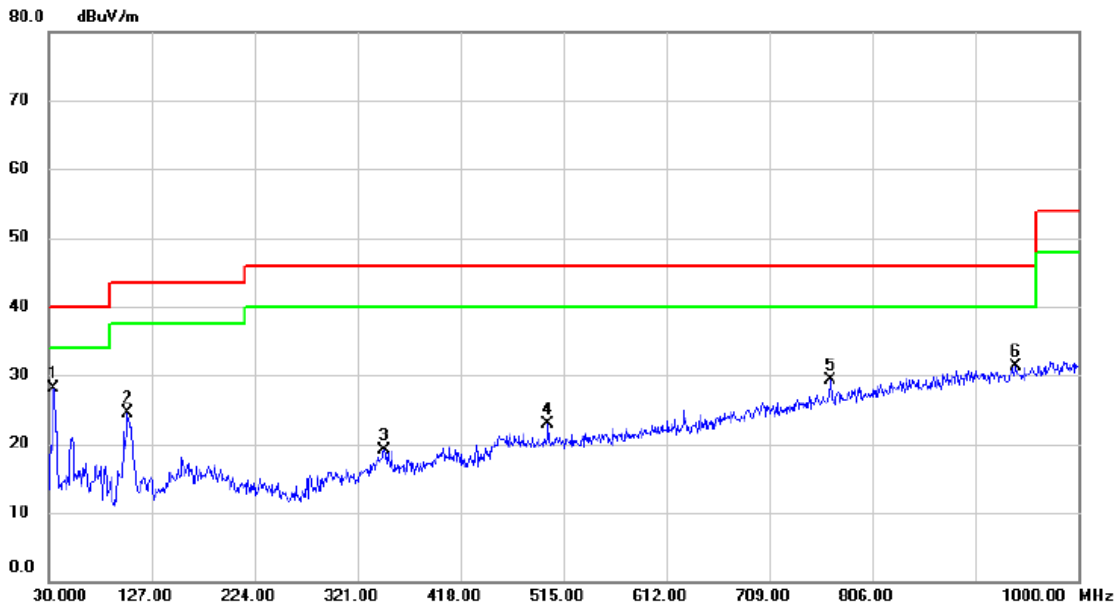
**Vertical**



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	35.820	51.01	-14.51	36.50	40.00	-3.50	QP	
2	!	52.310	47.91	-13.79	34.12	40.00	-5.88	peak	
3		99.840	41.82	-17.52	24.30	43.50	-19.20	peak	
4		178.410	32.06	-12.08	19.98	43.50	-23.52	peak	
5		461.650	30.55	-9.66	20.89	46.00	-25.11	peak	
6		714.820	31.16	-3.49	27.67	46.00	-18.33	peak	

Test Mode: TX B MODE CHANNEL 13\_ANT1

**Horizontal**

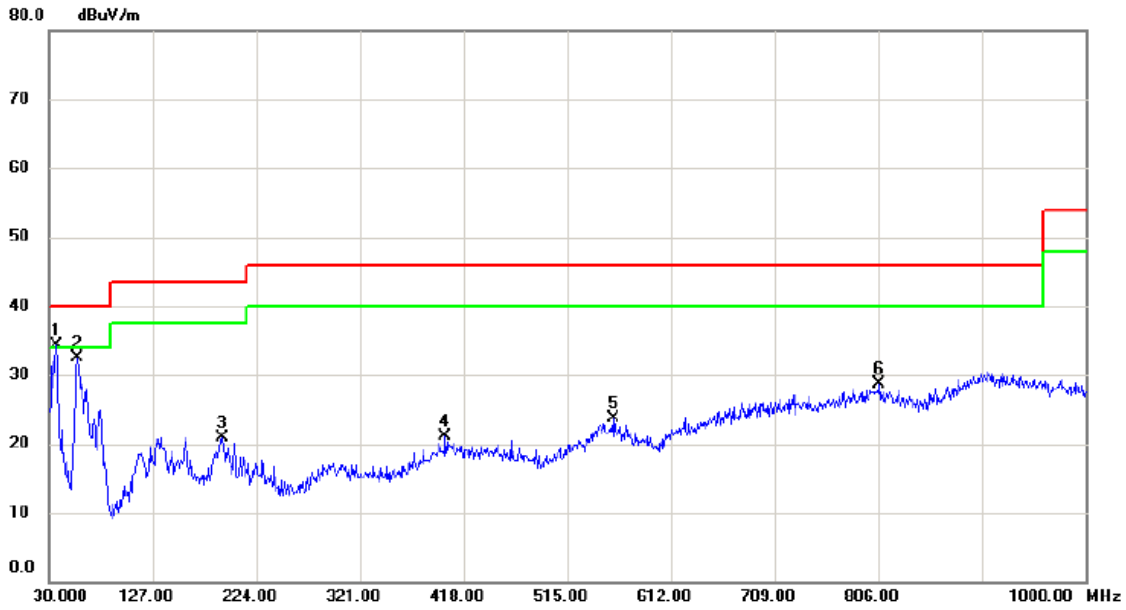


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	34.850	42.73	-14.61	28.12	40.00	-11.88	peak	
2		104.690	41.39	-16.88	24.51	43.50	-18.99	peak	
3		346.220	31.09	-12.03	19.06	46.00	-26.94	peak	
4		500.450	31.68	-8.71	22.97	46.00	-23.03	peak	
5		766.230	31.33	-2.09	29.24	46.00	-16.76	peak	
6		940.830	29.40	1.82	31.22	46.00	-14.78	peak	



Test Mode: TX B MODE CHANNEL 13\_ANT2

**Vertical**

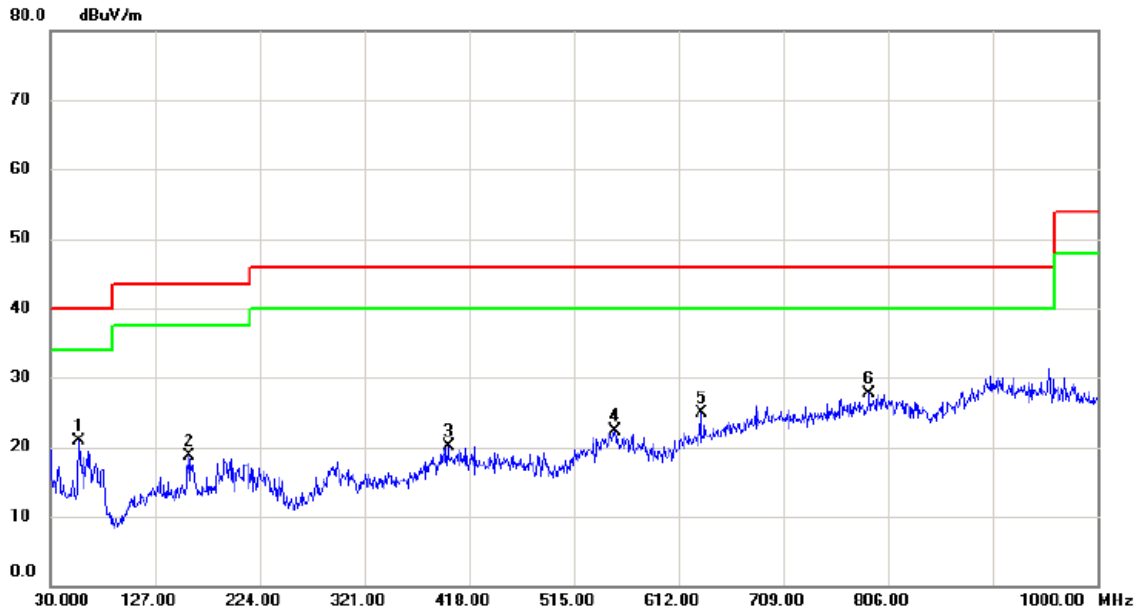


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	37.2750	48.24	-13.95	34.29	40.00	-5.71	peak	
2		56.1900	45.85	-13.27	32.58	40.00	-7.42	peak	
3		191.9900	35.11	-14.13	20.98	43.50	-22.52	peak	
4		401.0250	29.44	-8.28	21.16	46.00	-24.84	peak	
5		558.6500	29.33	-5.72	23.61	46.00	-22.39	peak	
6		806.9700	29.61	-0.95	28.66	46.00	-17.34	peak	

Remark: This test data is from original report BTL-FCCP-3-1602C038.

Test Mode: TX B MODE CHANNEL 13\_ANT2

**Horizontal**



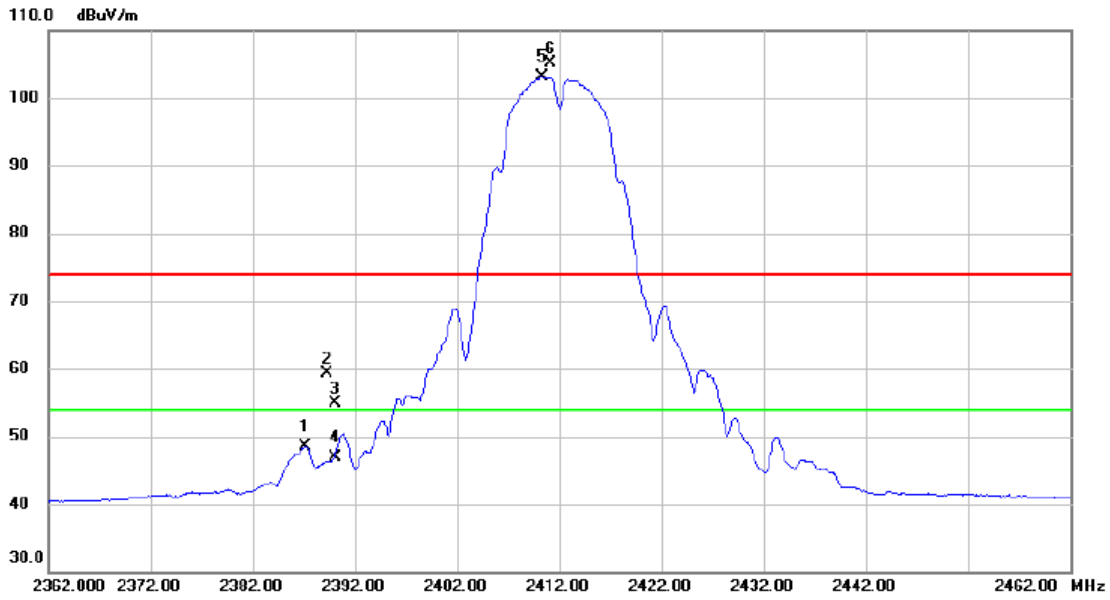
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		56.6750	34.33	-13.41	20.92	40.00	-19.08	peak	
2		158.0400	31.00	-12.35	18.65	43.50	-24.85	peak	
3		399.0850	28.47	-8.32	20.15	46.00	-25.85	peak	
4		552.8300	27.77	-5.42	22.35	46.00	-23.65	peak	
5		632.8550	31.01	-6.01	25.00	46.00	-21.00	peak	
6	*	789.0250	29.01	-1.23	27.78	46.00	-18.22	peak	

Remark: This test data is from original report BTL-FCCP-3-1602C038.

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

Orthogonal Axis :	X
Test Mode :	TX B MODE 2412MHz_ANT1

### Vertical

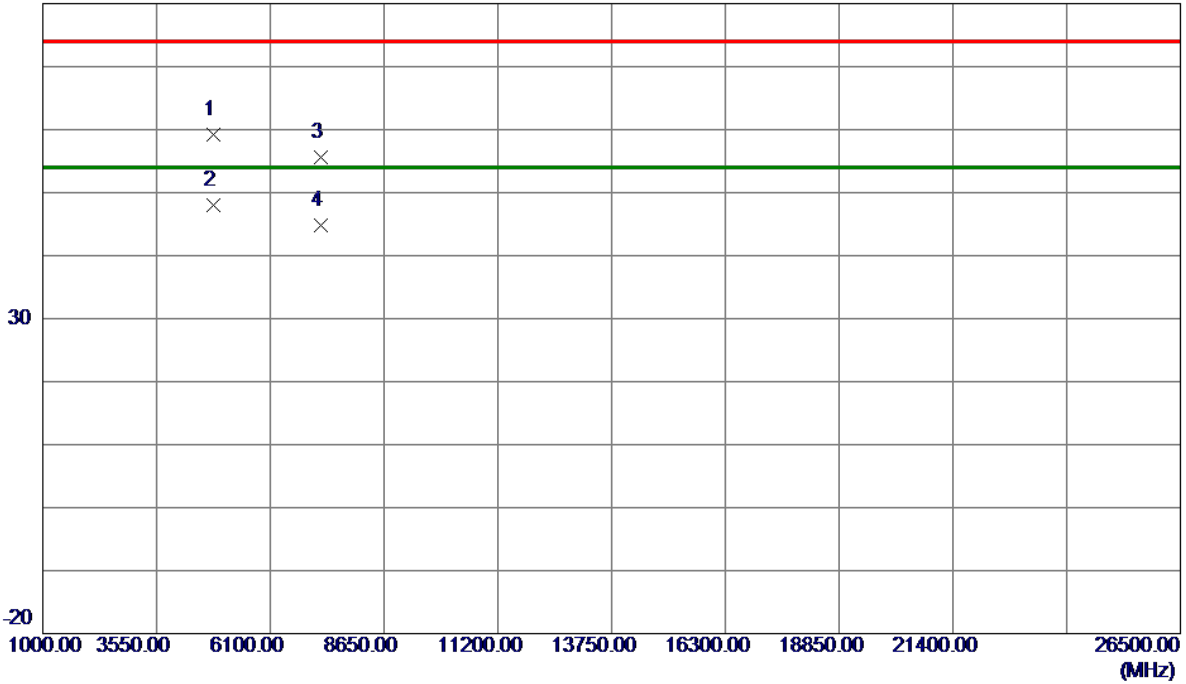


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2387.200	39.46	9.13	48.59	54.00	-5.41	AVG	
2		2389.300	50.20	9.13	59.33	74.00	-14.67	peak	
3		2390.000	45.81	9.13	54.94	74.00	-19.06	peak	
4		2390.000	37.83	9.13	46.96	54.00	-7.04	AVG	
5	*	2410.300	93.80	9.22	103.02	54.00	49.02	AVG	No Limit
6	X	2411.200	95.80	9.22	105.02	74.00	31.02	peak	No Limit

Orthogonal Axis :	X
Test Mode :	TX B MODE 2412MHz_ANT1

**Vertical**

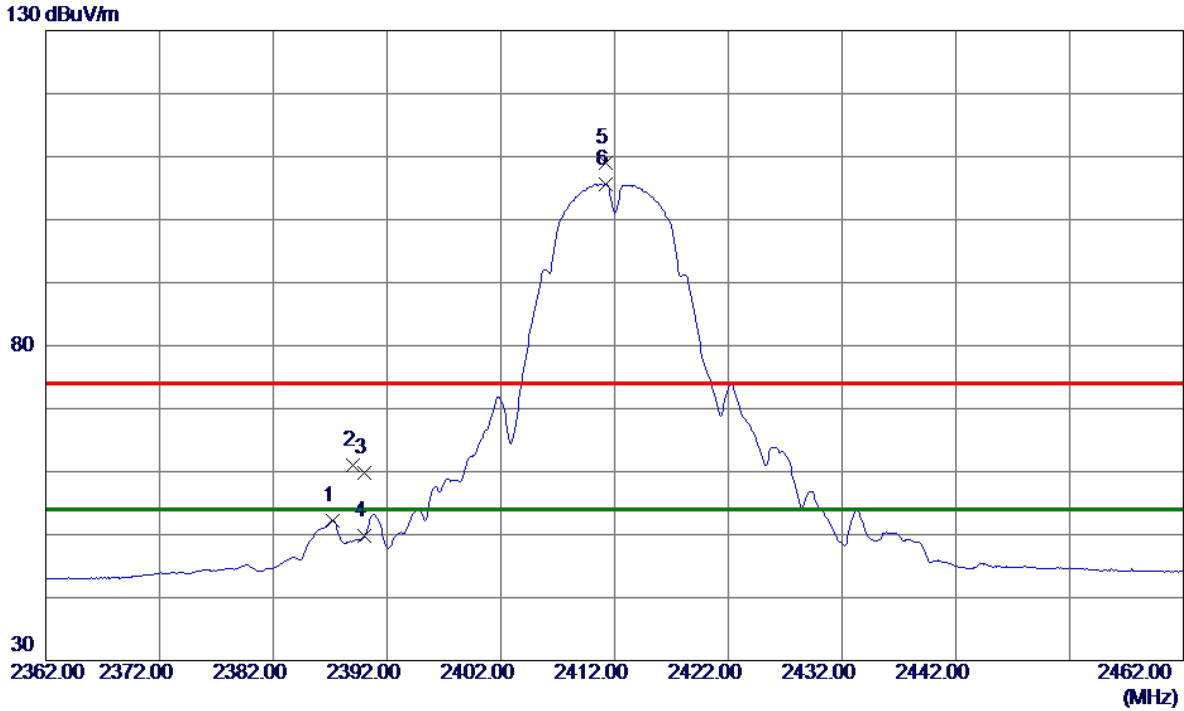
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4823.2500	52.54	6.66	59.20	74.00	-14.80	Peak	
2 *	4824.6000	41.40	6.66	48.06	54.00	-5.94	AVG	
3	7236.5000	42.37	13.16	55.53	74.00	-18.47	Peak	
4	7236.5000	31.68	13.16	44.84	54.00	-9.16	AVG	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2412MHz_ANT1

**Horizontal**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2387.2000	43.01	9.13	52.14	54.00	-1.86	AVG	
2	2389.0000	51.90	9.13	61.03	74.00	-12.97	Peak	
3	2390.0000	50.74	9.14	59.88	74.00	-14.12	Peak	
4	2390.0000	40.62	9.14	49.76	54.00	-4.24	AVG	
5	2411.2000	99.69	9.22	108.91	74.00	34.91	Peak	No Limit
6 *	2411.2000	96.41	9.22	105.63	54.00	51.63	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	TX B MODE 2412MHz_ANT1

**Horizontal**

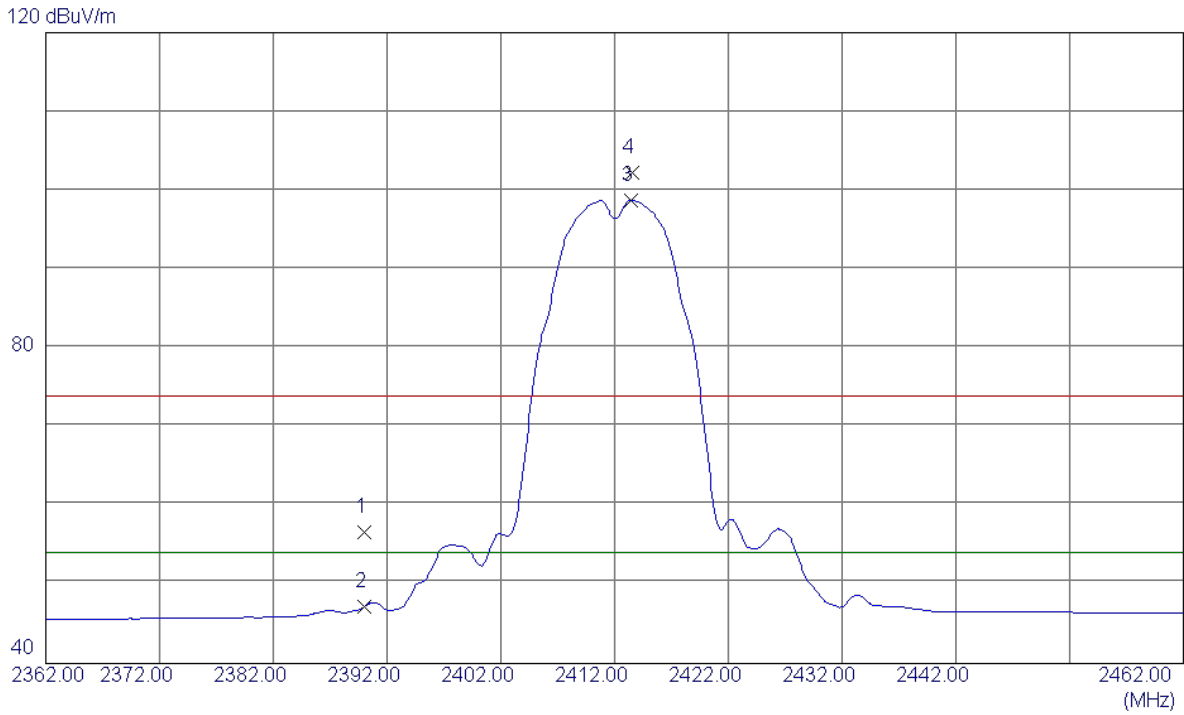
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4823.8740	41.96	6.66	48.62	74.00	-25.38	Peak	
2 *	4823.9960	36.61	6.66	43.27	54.00	-10.73	AVG	
3	7235.5760	33.93	13.16	47.09	74.00	-26.91	Peak	
4	7236.8740	28.74	13.16	41.90	54.00	-12.10	AVG	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2412MHz_ANT2

**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	23.88	32.77	56.65	74.00	-17.35	Peak	
2	2390.0000	14.45	32.77	47.22	54.00	-6.78	AVG	
3 *	2413.4000	65.92	32.86	98.78	54.00	44.78	AVG	No Limit
4	2413.6000	69.32	32.86	102.18	74.00	28.18	Peak	No Limit

Remark: This test data is from original report BTL-FCCP-3-1602C038.



Orthogonal Axis :	X
Test Mode :	TX B MODE 2412MHz_ANT2

**Vertical**

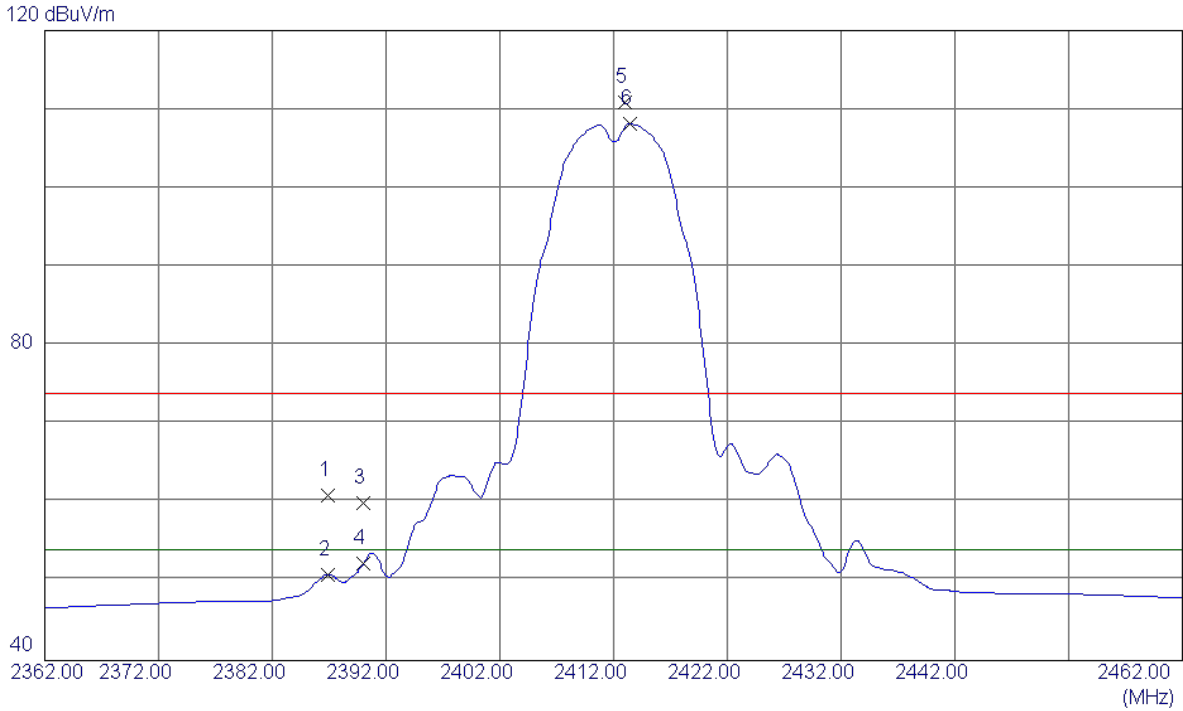


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4823.8300	39.94	4.69	44.63	74.00	-29.37	Peak	
2 *	4824.0600	29.55	4.69	34.24	54.00	-19.76	AVG	

Remark: This test data is from original report BTL-FCCP-3-1602C038.

Orthogonal Axis :	X
Test Mode :	TX B MODE 2412MHz_ANT2

### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2386.9000	28.26	32.75	61.01	74.00	-12.99	Peak	
2	2386.9000	18.20	32.75	50.95	54.00	-3.05	AVG	
3	2390.0000	27.22	32.77	59.99	74.00	-14.01	Peak	
4	2390.0000	19.55	32.77	52.32	54.00	-1.68	AVG	
5	2413.0000	78.10	32.86	110.96	74.00	36.96	Peak	No Limit
6 *	2413.4000	75.33	32.86	108.19	54.00	54.19	AVG	No Limit

Remark: This test data is from original report BTL-FCCP-3-1602C038.

Orthogonal Axis :	X
Test Mode :	TX B MODE 2412MHz_ANT2

### Horizontal

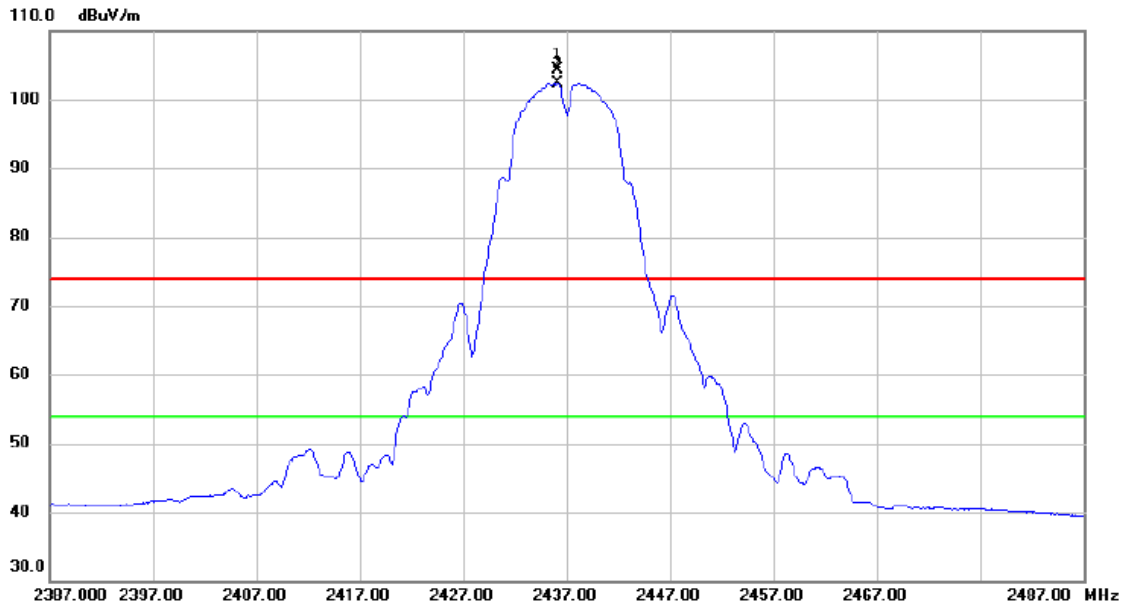


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4824.0800	38.16	4.69	42.85	74.00	-31.15	Peak	
2 *	4824.2200	28.78	4.69	33.47	54.00	-20.53	AVG	

Remark: This test data is from original report BTL-FCCP-3-1602C038.

Orthogonal Axis :	X
Test Mode :	TX B MODE 2437MHz_ANT1

### Vertical

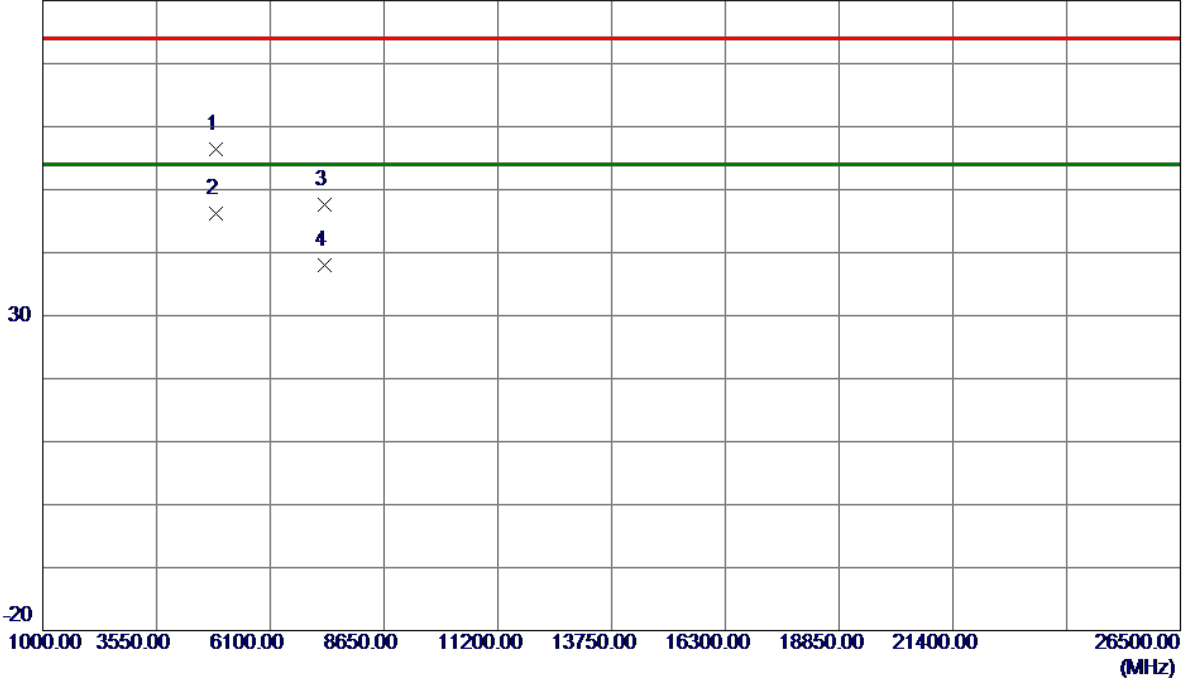


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1	X	2436.200	95.07	9.31	104.38	74.00	30.38	peak	No Limit
2	*	2436.200	93.00	9.31	102.31	54.00	48.31	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	TX B MODE 2437MHz_ANT1

**Vertical**

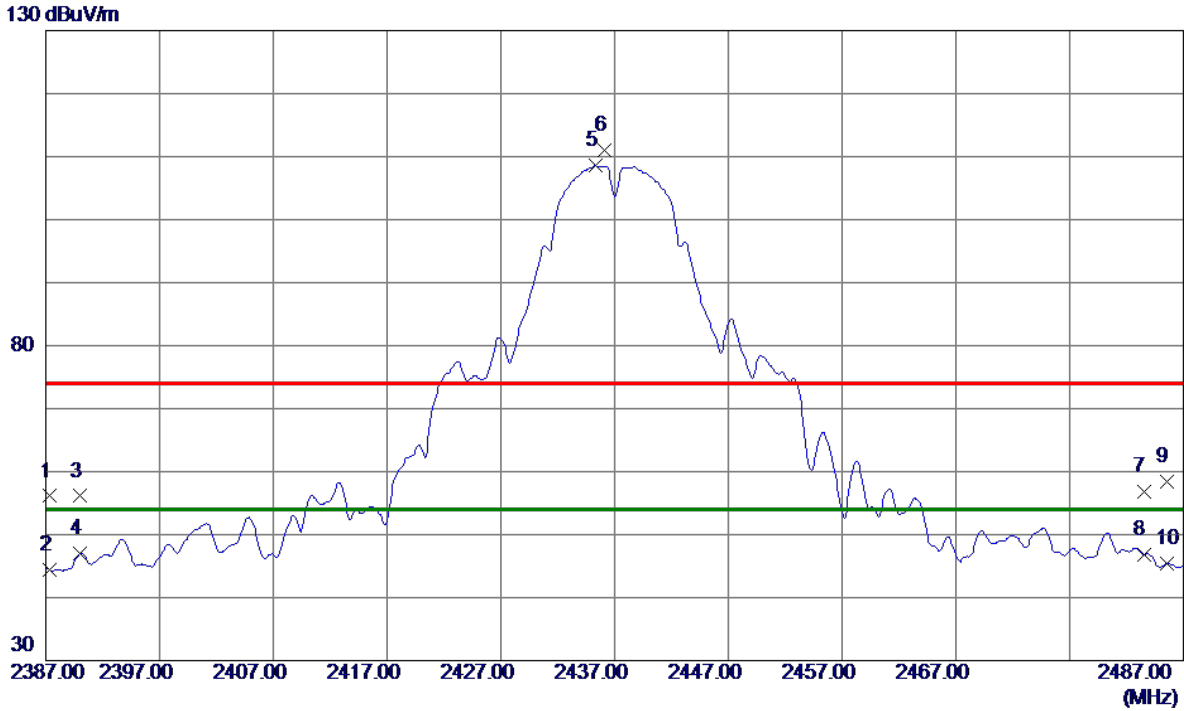
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4872.3500	49.52	6.83	56.35	74.00	-17.65	Peak	
2 *	4874.6500	39.35	6.84	46.19	54.00	-7.81	AVG	
3	7309.7000	34.44	13.21	47.65	74.00	-26.35	Peak	
4	7313.0000	24.70	13.21	37.91	54.00	-16.09	AVG	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2437MHz_ANT1

**Horizontal**

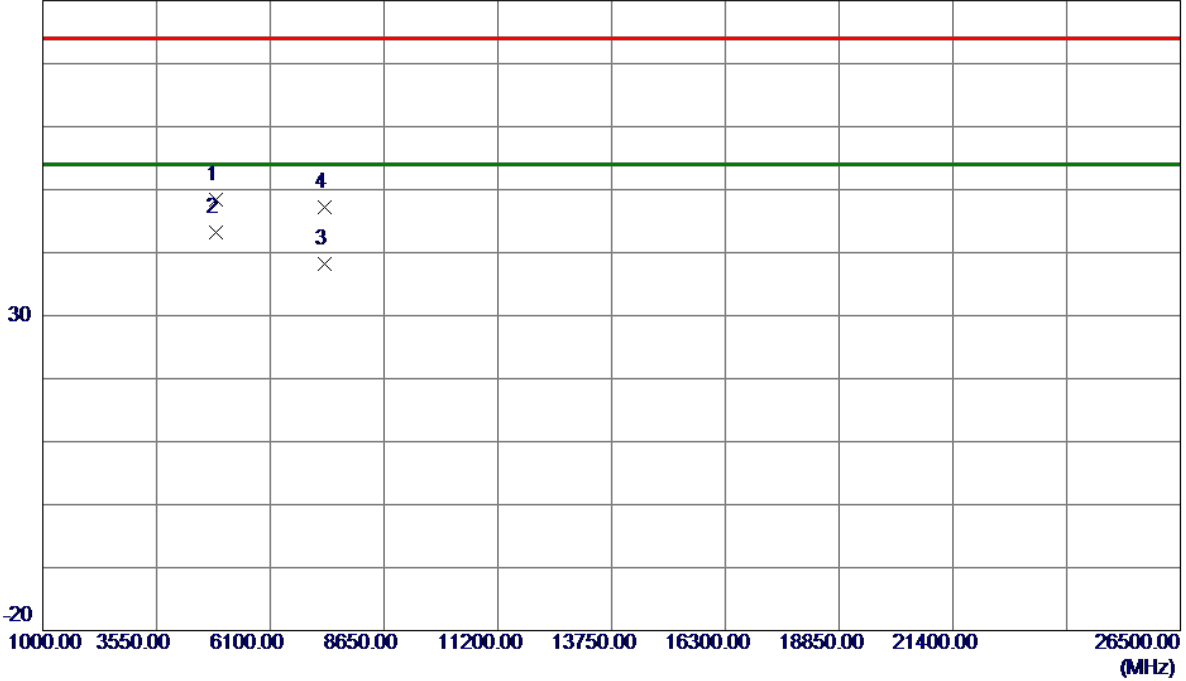


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2387.3000	46.97	9.13	56.10	74.00	-17.90	Peak	
2	2387.3000	35.25	9.13	44.38	54.00	-9.62	AVG	
3	2390.0000	46.96	9.14	56.10	74.00	-17.90	Peak	
4	2390.0000	37.82	9.14	46.96	54.00	-7.04	AVG	
5 *	2435.3000	99.23	9.30	108.53	54.00	54.53	AVG	No Limit
6	2436.1000	101.79	9.31	111.10	74.00	37.10	Peak	No Limit
7	2483.5000	47.31	9.48	56.79	74.00	-17.21	Peak	
8	2483.5000	37.39	9.48	46.87	54.00	-7.13	AVG	
9	2485.5000	48.91	9.49	58.40	74.00	-15.60	Peak	
10	2485.5000	35.83	9.49	45.32	54.00	-8.68	AVG	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2437MHz_ANT1

**Horizontal**

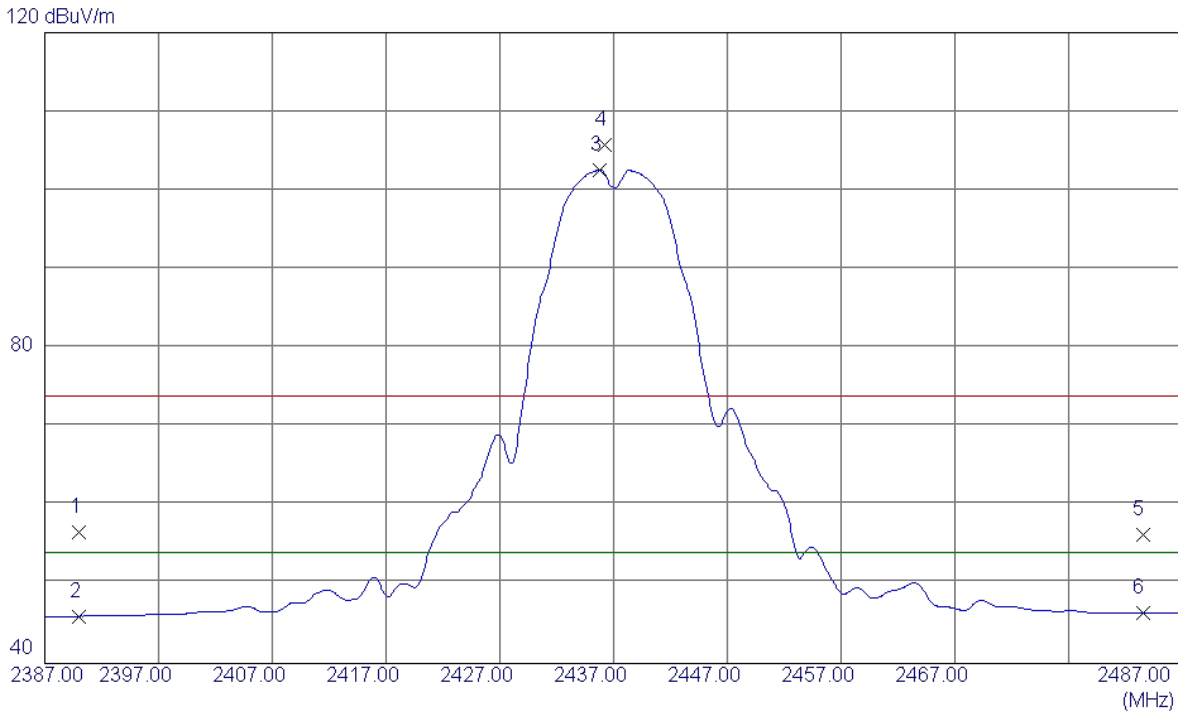
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4873.8900	41.56	6.84	48.40	74.00	-25.60	Peak	
2 *	4873.9880	36.28	6.84	43.12	54.00	-10.88	AVG	
3	7310.9320	25.04	13.21	38.25	54.00	-15.75	AVG	
4	7311.3700	33.99	13.21	47.20	74.00	-26.80	Peak	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2437MHz_ANT2

**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	23.90	32.77	56.67	74.00	-17.33	Peak	
2	2390.0000	13.22	32.77	45.99	54.00	-8.01	AVG	
3 *	2435.8000	69.63	32.96	102.59	54.00	48.59	AVG	No Limit
4	2436.2000	72.84	32.96	105.80	74.00	31.80	Peak	No Limit
5	2483.5000	23.22	33.15	56.37	74.00	-17.63	Peak	
6	2483.5000	13.23	33.15	46.38	54.00	-7.62	AVG	

Remark: This test data is from original report BTL-FCCP-3-1602C038.



Orthogonal Axis :	X
Test Mode :	TX B MODE 2437MHz_ANT2

**Vertical**

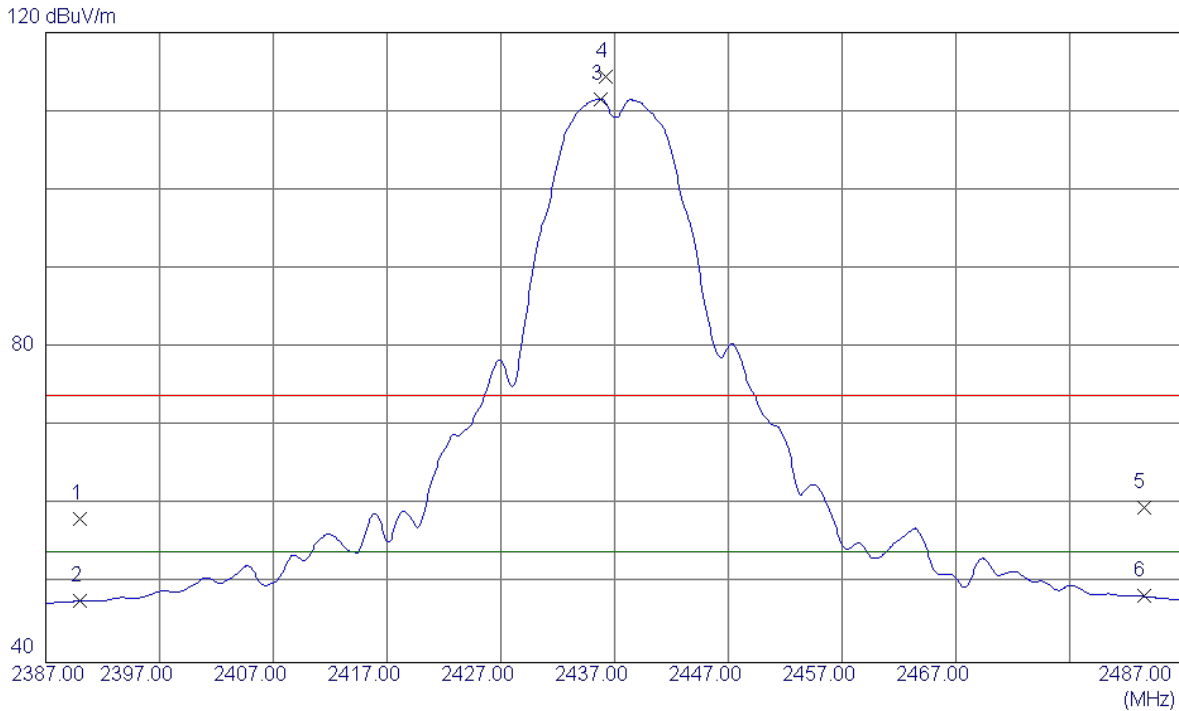


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4873.6200	28.53	4.89	33.42	54.00	-20.58	AVG	
2	4874.0500	39.08	4.89	43.97	74.00	-30.03	Peak	

Remark: This test data is from original report BTL-FCCP-3-1602C038.

Orthogonal Axis :	X
Test Mode :	TX B MODE 2437MHz_ANT2

### Horizontal

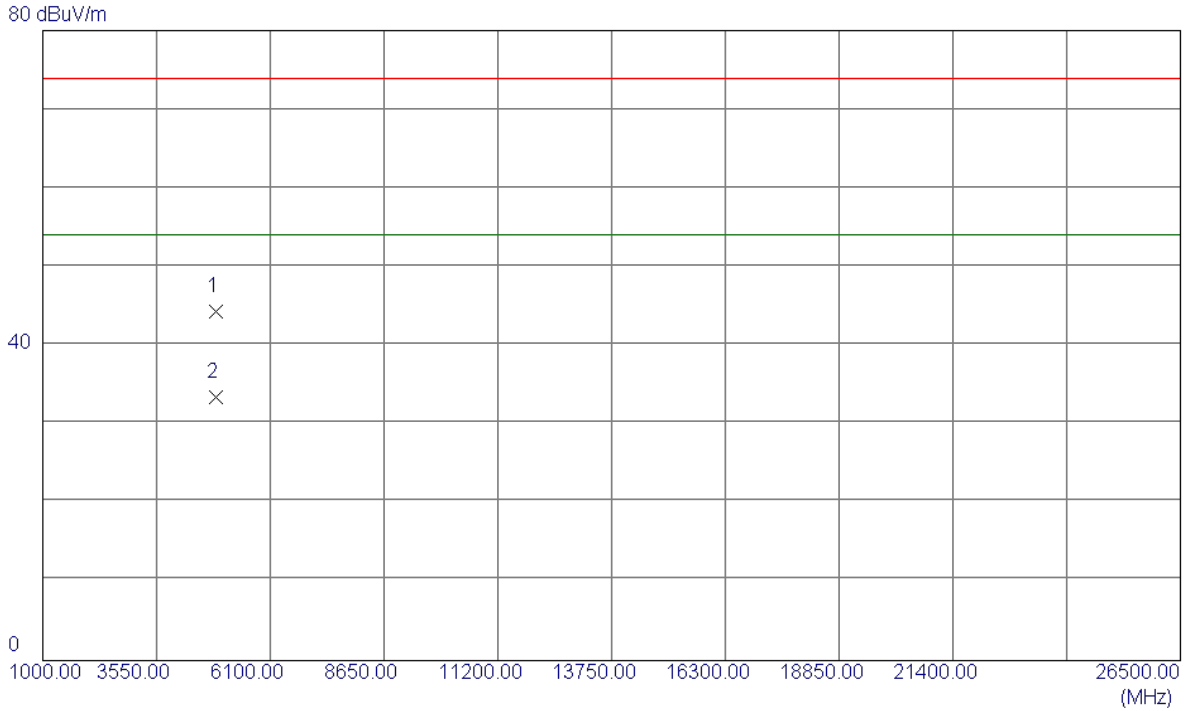


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	25.44	32.77	58.21	74.00	-15.79	Peak	
2	2390.0000	15.03	32.77	47.80	54.00	-6.20	AVG	
3 *	2435.8000	78.62	32.96	111.58	54.00	57.58	AVG	No Limit
4	2436.2000	81.50	32.96	114.46	74.00	40.46	Peak	No Limit
5	2483.5000	26.53	33.15	59.68	74.00	-14.32	Peak	
6	2483.5000	15.26	33.15	48.41	54.00	-5.59	AVG	

Remark: This test data is from original report BTL-FCCP-3-1602C038.

Orthogonal Axis :	X
Test Mode :	TX B MODE 2437MHz_ANT2

### Horizontal

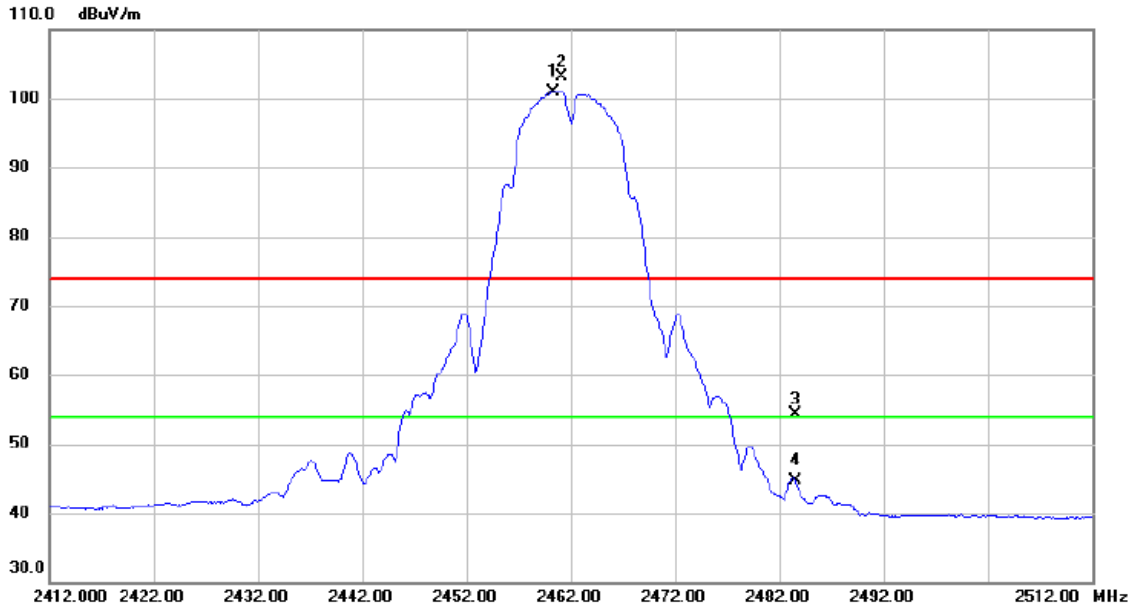


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4874.2400	39.42	4.89	44.31	74.00	-29.69	Peak	
2 *	4874.2900	28.52	4.89	33.41	54.00	-20.59	AVG	

Remark: This test data is from original report BTL-FCCP-3-1602C038.

Orthogonal Axis :	X
Test Mode :	TX B MODE 2462MHz_ANT1

### Vertical

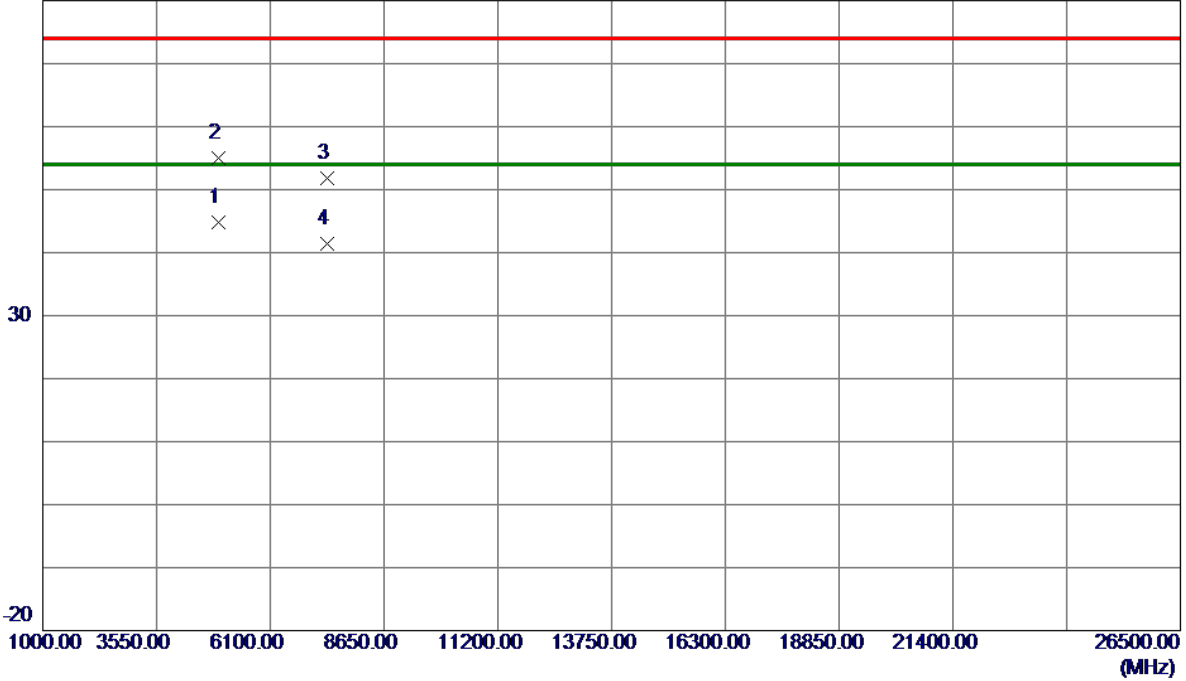


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	2460.300	91.58	9.40	100.98	54.00	46.98	AVG	No Limit
2	X	2461.200	93.68	9.40	103.08	74.00	29.08	peak	No Limit
3		2483.500	44.87	9.49	54.36	74.00	-19.64	peak	
4		2483.500	35.27	9.49	44.76	54.00	-9.24	AVG	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2462MHz_ANT1

**Vertical**

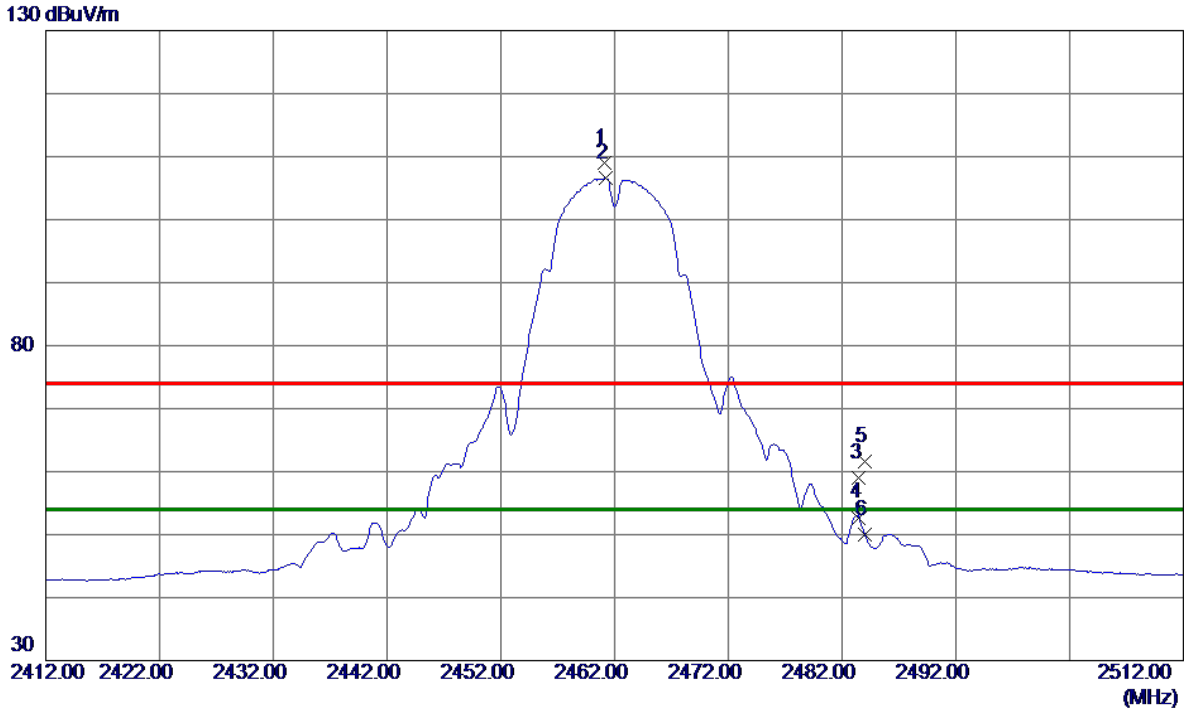
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4924.6000	37.78	7.02	44.80	54.00	-9.20	AVG	
2	4927.2500	47.96	7.03	54.99	74.00	-19.01	Peak	
3	7385.8000	38.56	13.27	51.83	74.00	-22.17	Peak	
4	7388.2000	28.20	13.27	41.47	54.00	-12.53	AVG	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2462MHz_ANT1

**Horizontal**

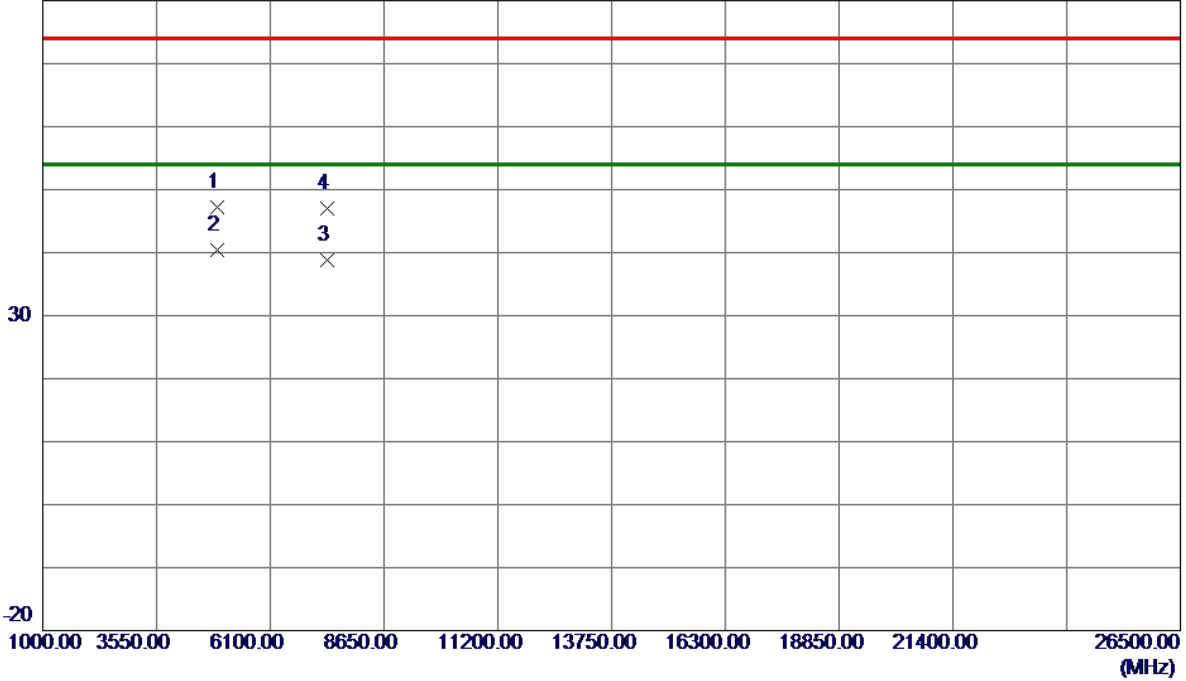


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2461.1000	99.50	9.40	108.90	74.00	34.90	Peak	No Limit
2 *	2461.2000	97.12	9.40	106.52	54.00	52.52	AVG	No Limit
3	2483.5000	49.55	9.48	59.03	74.00	-14.97	Peak	
4	2483.5000	43.22	9.48	52.70	54.00	-1.30	AVG	
5	2484.0000	52.05	9.49	61.54	74.00	-12.46	Peak	
6	2484.0000	40.55	9.49	50.04	54.00	-3.96	AVG	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2462MHz_ANT1

**Horizontal**

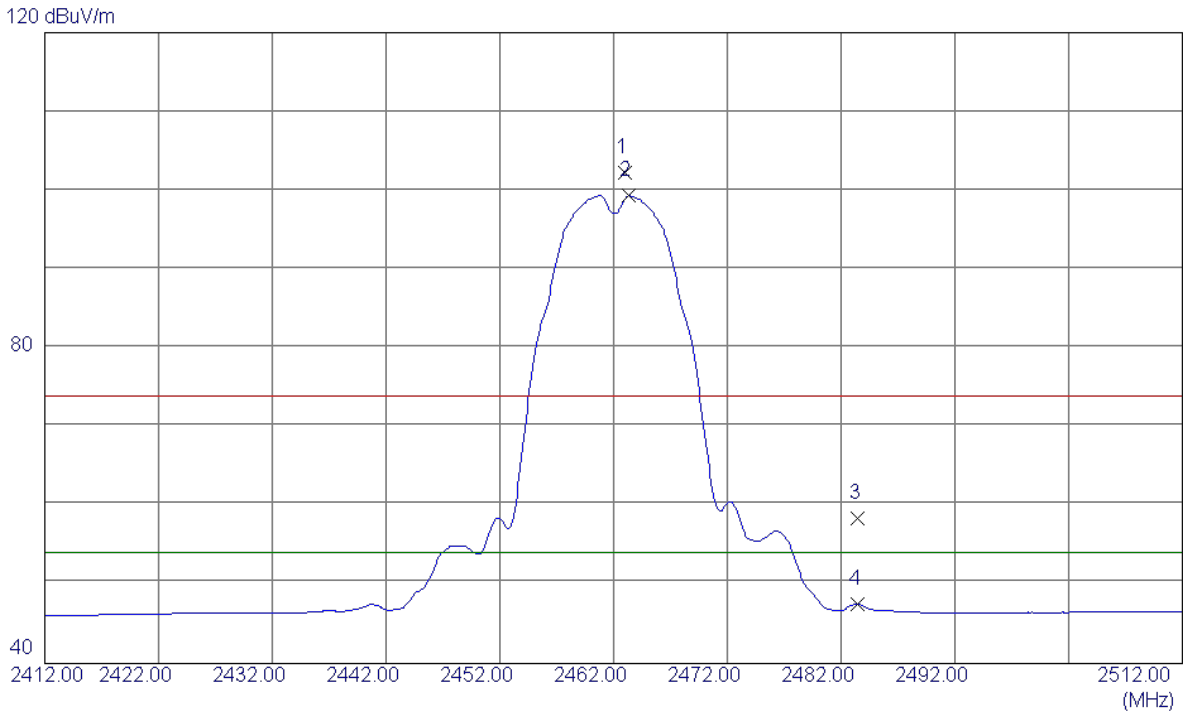
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4923.9780	40.21	7.02	47.23	74.00	-26.77	Peak	
2 *	4924.0240	33.34	7.02	40.36	54.00	-13.64	AVG	
3	7385.0020	25.62	13.27	38.89	54.00	-15.11	AVG	
4	7386.6400	33.65	13.27	46.92	74.00	-27.08	Peak	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2462MHz_ANT2

**Vertical**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2463.0000	69.11	33.07	102.18	74.00	28.18	Peak	No Limit
2 *	2463.3000	66.25	33.07	99.32	54.00	45.32	AVG	No Limit
3	2483.5000	25.28	33.15	58.43	74.00	-15.57	Peak	
4	2483.5000	14.36	33.15	47.51	54.00	-6.49	AVG	

Remark: This test data is from original report BTL-FCCP-3-1602C038.



Orthogonal Axis :	X
Test Mode :	TX B MODE 2462MHz_ANT2

**Vertical**

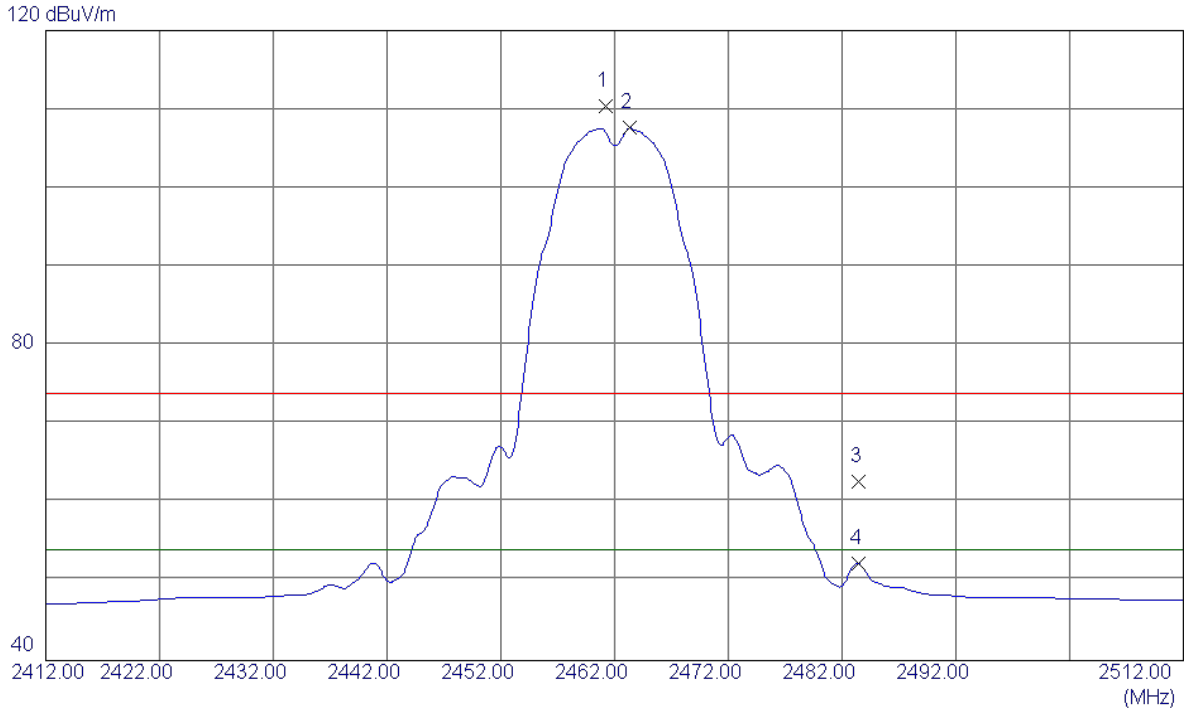


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4923.8100	28.47	5.08	33.55	54.00	-20.45	AVG	
2	4923.9100	38.00	5.08	43.08	74.00	-30.92	Peak	

Remark: This test data is from original report BTL-FCCP-3-1602C038.

Orthogonal Axis :	X
Test Mode :	TX B MODE 2462MHz_ANT2

### Horizontal

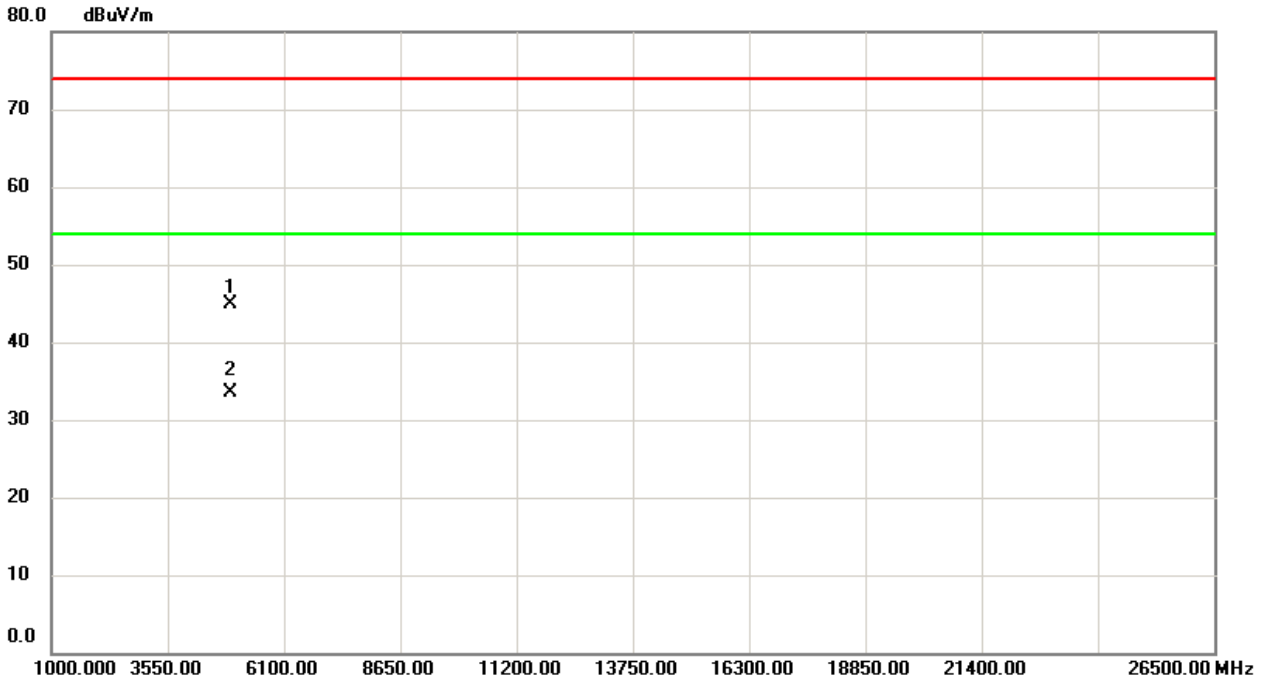


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2461.2000	77.39	33.06	110.45	74.00	36.45	Peak	No Limit
2 *	2463.3000	74.54	33.07	107.61	54.00	53.61	AVG	No Limit
3	2483.5000	29.59	33.15	62.74	74.00	-11.26	Peak	
4	2483.5000	19.13	33.15	52.28	54.00	-1.72	AVG	

Remark: This test data is from original report BTL-FCCP-3-1602C038.

Orthogonal Axis :	X
Test Mode :	TX B MODE 2462MHz_ANT2

### Horizontal

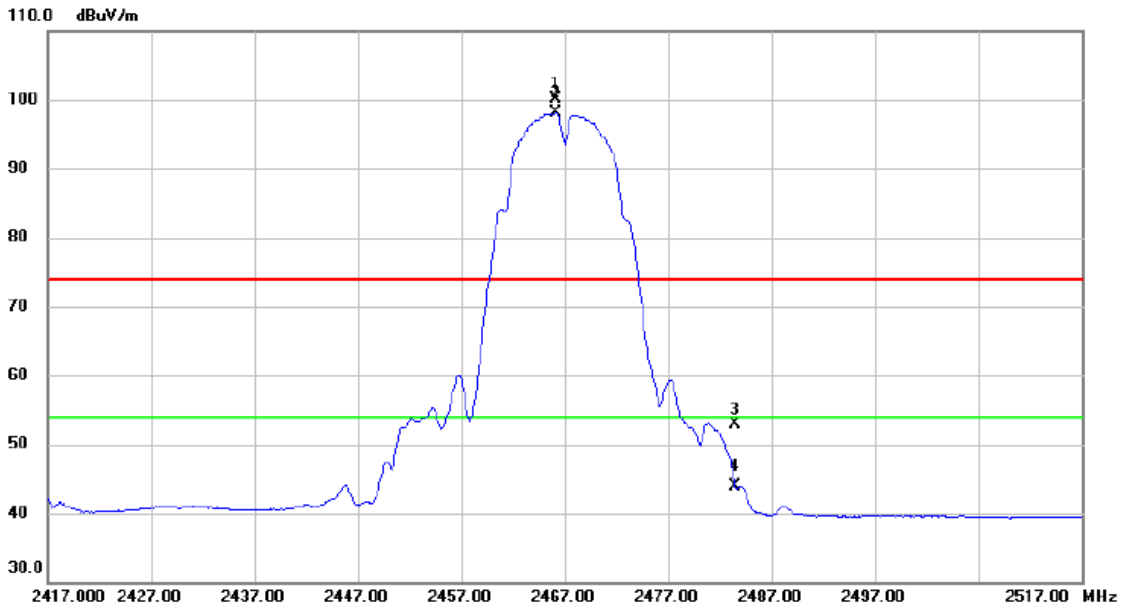


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		4923.810	39.73	5.08	44.81	74.00	-29.19	peak	
2	*	4923.810	28.47	5.08	33.55	54.00	-20.45	AVG	

Remark: This test data is from original report BTL-FCCP-3-1602C038.

Orthogonal Axis:	X
Test Mode:	TX B MODE 2467MHz_ANT1

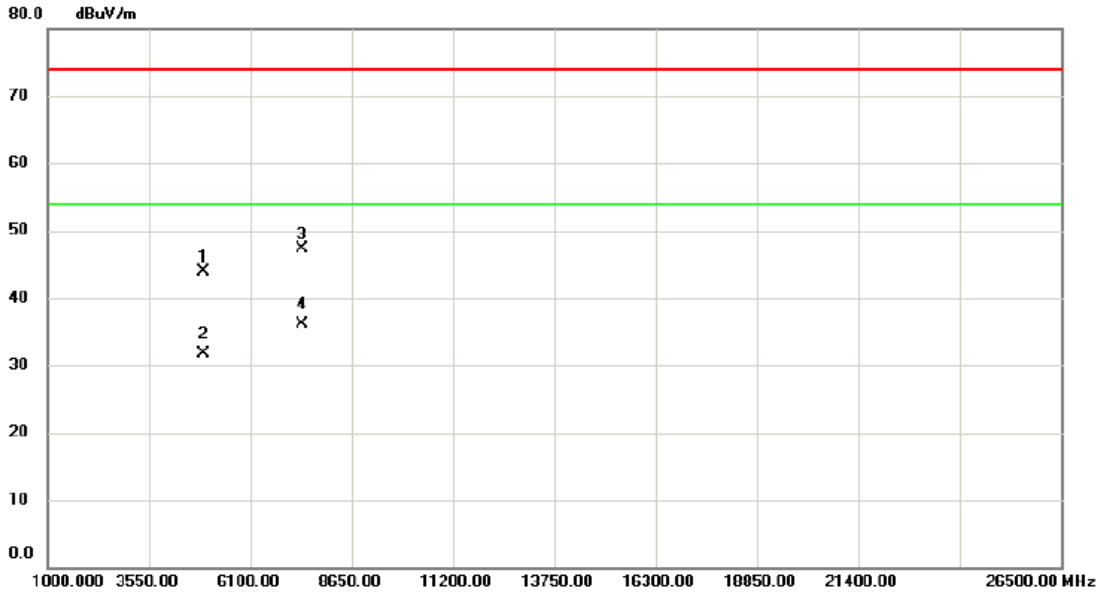
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	2466.200	90.67	9.42	100.09	74.00	26.09	peak	No Limit
2	*	2466.200	88.64	9.42	98.06	54.00	44.06	AVG	No Limit
3		2483.500	43.37	9.49	52.86	74.00	-21.14	peak	
4		2483.500	34.51	9.49	44.00	54.00	-10.00	AVG	

Orthogonal Axis:	X
Test Mode:	TX B MODE 2467MHz_ANT1

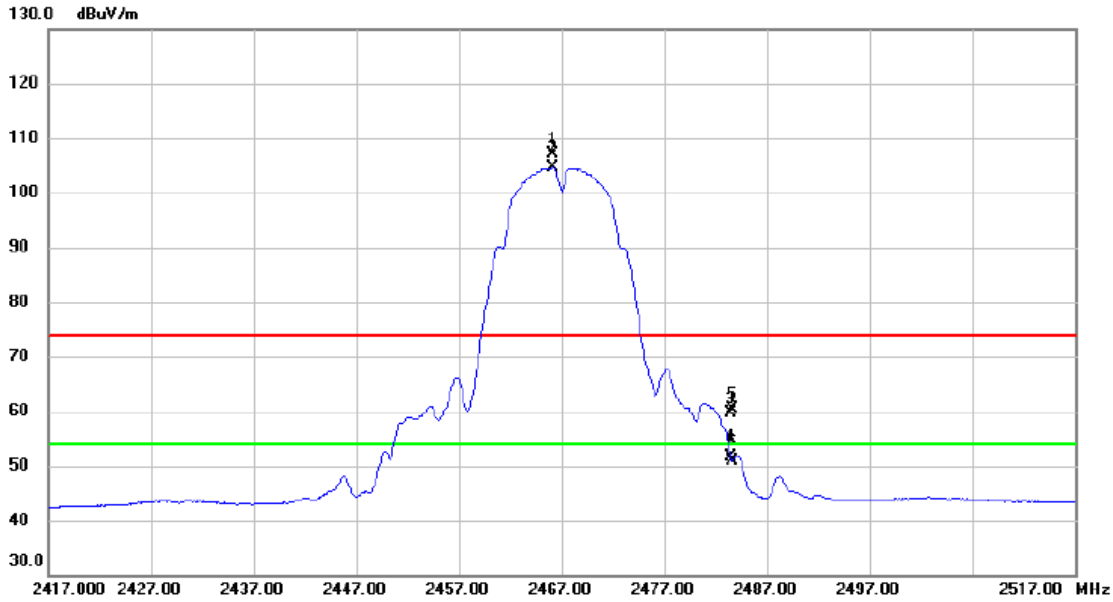
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		4931.635	36.91	7.05	43.96	74.00	-30.04	peak	
2		4932.800	24.63	7.05	31.68	54.00	-22.32	AVG	
3		7401.050	34.00	13.28	47.28	74.00	-26.72	peak	
4	*	7402.270	22.74	13.28	36.02	54.00	-17.98	AVG	

Orthogonal Axis:	X
Test Mode:	TX B MODE 2467MHz_ANT1

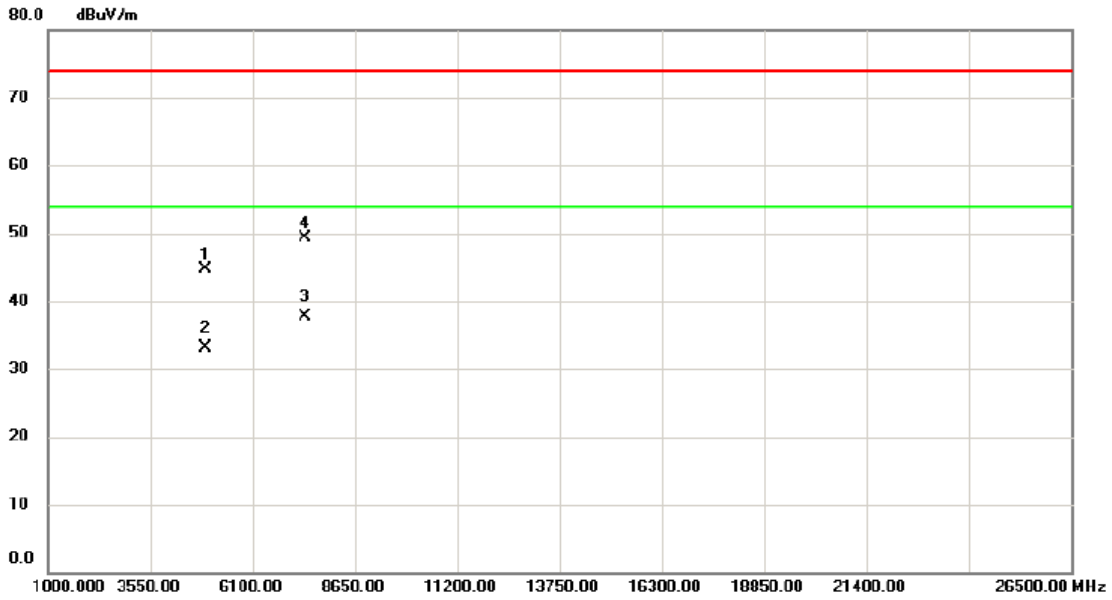
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	2466.200	97.61	9.42	107.03	74.00	33.03	peak	No Limit
2	*	2466.200	95.18	9.42	104.60	54.00	50.60	AVG	No Limit
3		2483.500	50.14	9.49	59.63	74.00	-14.37	peak	
4		2483.500	42.02	9.49	51.51	54.00	-2.49	AVG	
5		2483.600	50.78	9.49	60.27	74.00	-13.73	peak	
6		2483.600	41.46	9.49	50.95	54.00	-3.05	AVG	

Orthogonal Axis:	X
Test Mode:	TX B MODE 2467MHz_ANT1

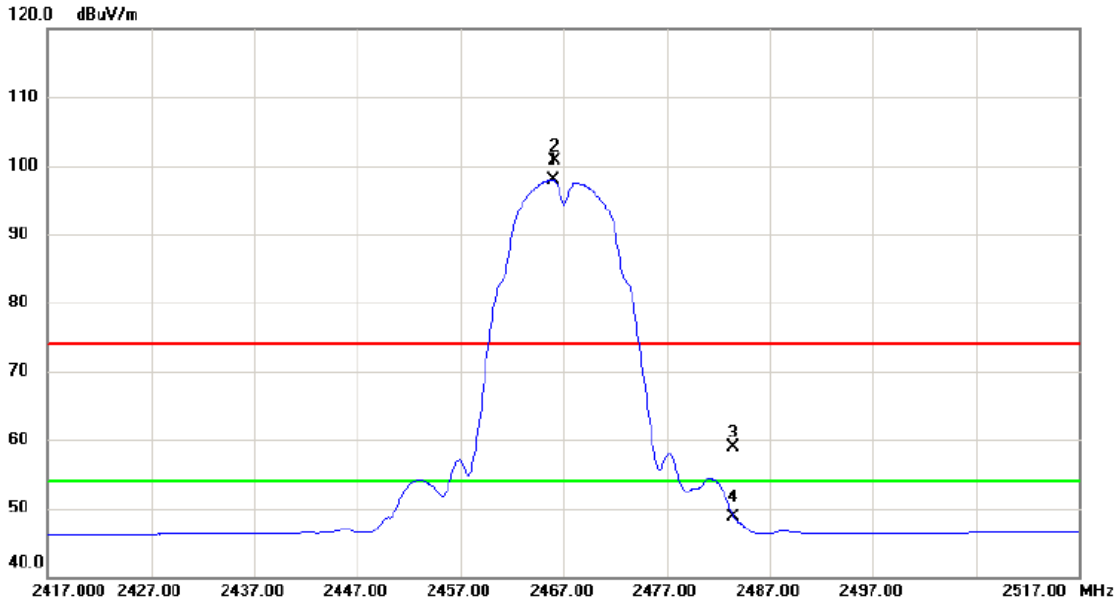
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		4934.850	37.65	7.06	44.71	74.00	-29.29	peak	
2		4936.095	25.98	7.06	33.04	54.00	-20.96	AVG	
3	*	7398.530	24.44	13.28	37.72	54.00	-16.28	AVG	
4		7401.600	36.12	13.28	49.40	74.00	-24.60	peak	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2467MHz _ANT2

**Vertical**



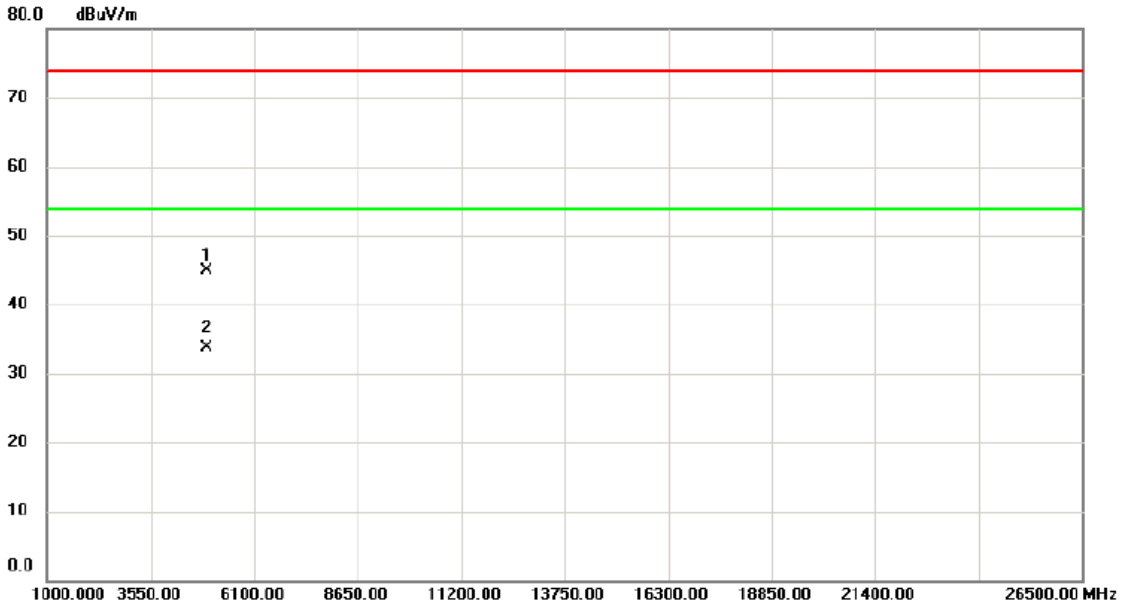
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	2466.000	64.79	33.08	97.87	54.00	43.87	AVG	No Limit
2	X	2466.200	67.59	33.08	100.67	74.00	26.67	peak	No Limit
3		2483.500	25.70	33.15	58.85	74.00	-15.15	peak	
4		2483.500	15.65	33.15	48.80	54.00	-5.20	AVG	

Remark: This test data is from original report BTL-FCCP-3-1602C038.



Orthogonal Axis :	X
Test Mode :	TX B MODE 2467MHz _ANT2

**Vertical**

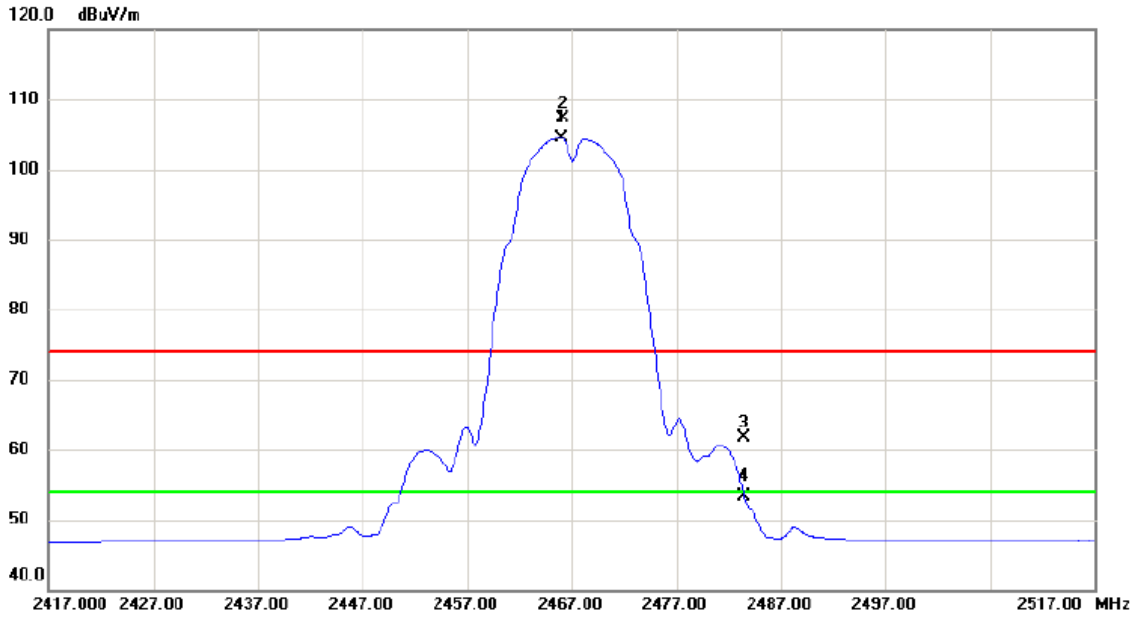


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		4934.140	39.76	5.13	44.89	74.00	-29.11	peak	
2	*	4934.140	28.67	5.13	33.80	54.00	-20.20	AVG	

Remark: This test data is from original report BTL-FCCP-3-1602C038.

Orthogonal Axis :	X
Test Mode :	TX B MODE 2467MHz_ANT2

### Horizontal

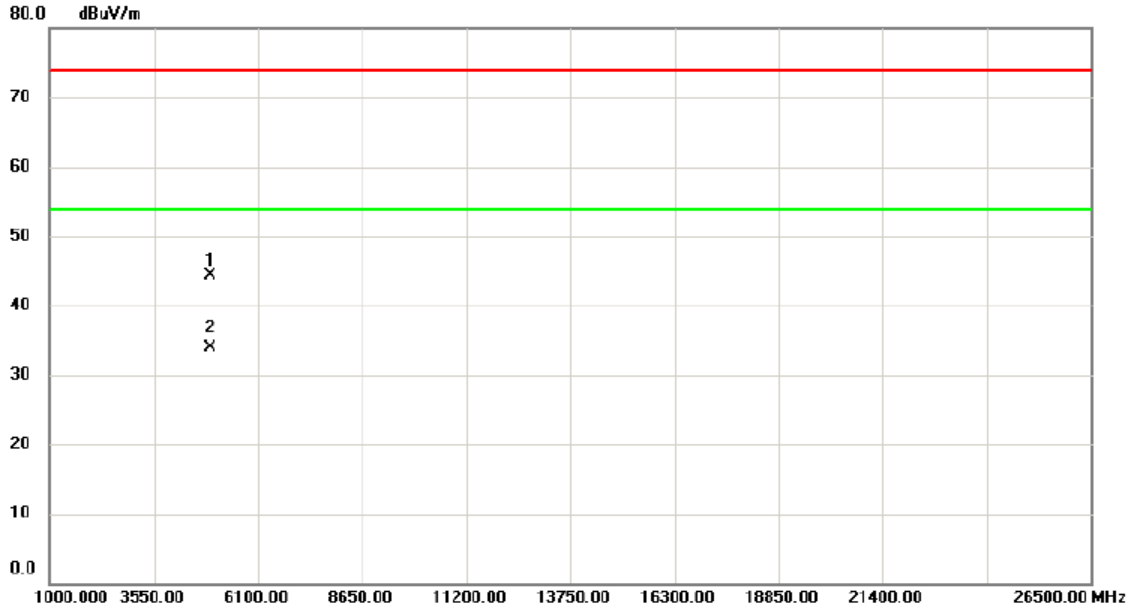


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	2466.000	71.48	33.08	104.56	54.00	50.56	AVG	No Limit
2	X	2466.200	74.28	33.08	107.36	74.00	33.36	peak	No Limit
3		2483.500	28.53	33.15	61.68	74.00	-12.32	peak	
4		2483.500	20.15	33.15	53.30	54.00	-0.70	AVG	

Remark: This test data is from original report BTL-FCCP-3-1602C038.

Orthogonal Axis :	X
Test Mode :	TX B MODE 2467MHz _ANT2

### Horizontal

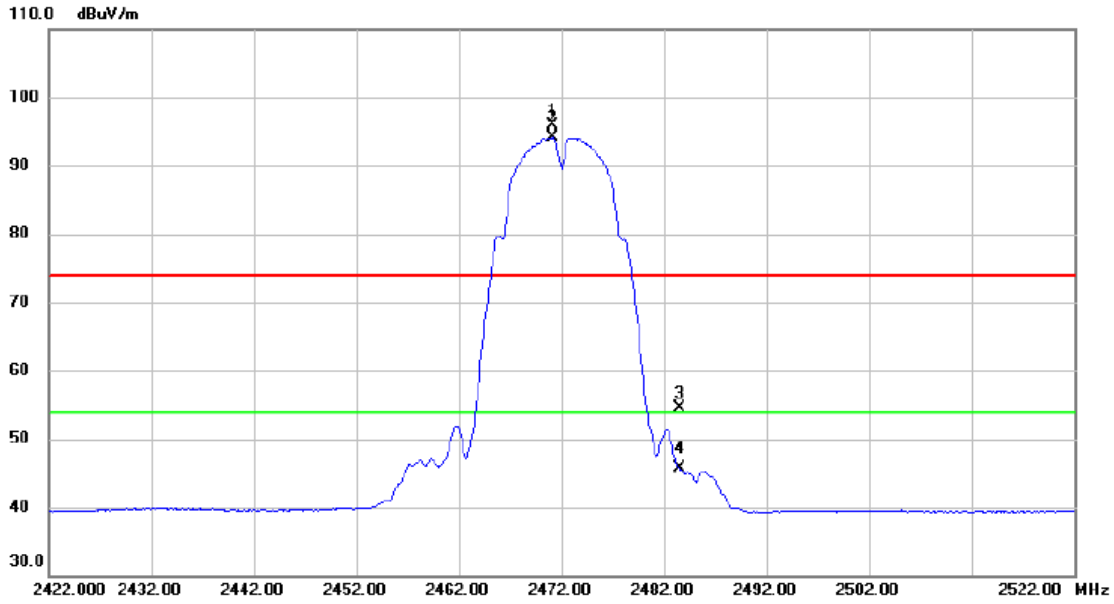


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		4933.480	39.17	5.11	44.28	74.00	-29.72	peak	
2	*	4934.360	28.68	5.13	33.81	54.00	-20.19	AVG	

Remark: This test data is from original report BTL-FCCP-3-1602C038.

Orthogonal Axis:	X
Test Mode:	TX B MODE 2472MHz_ANT1

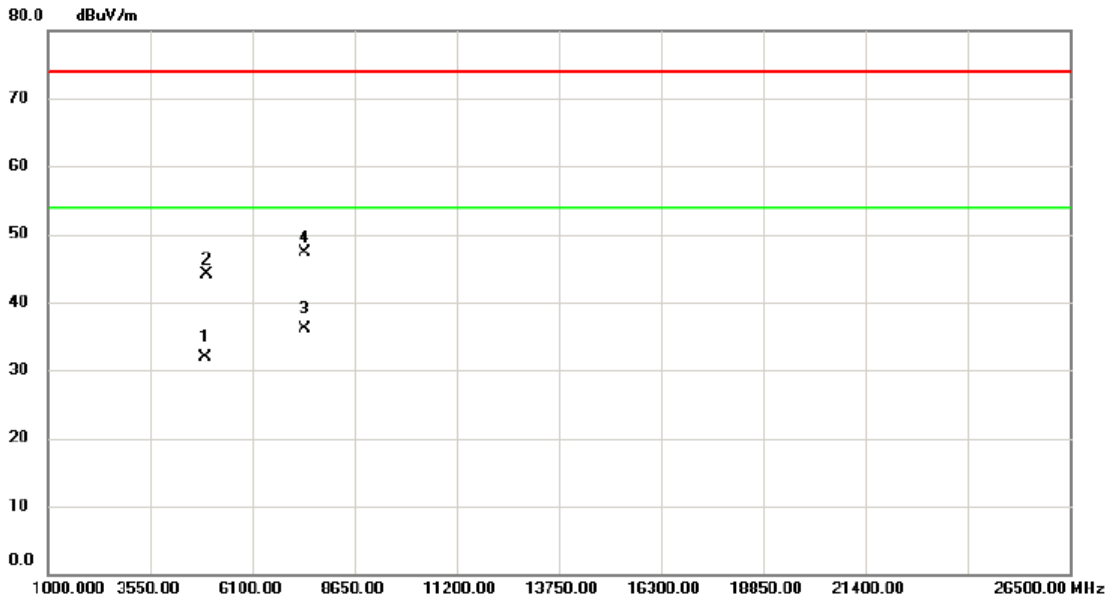
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	2471.200	86.43	9.45	95.88	74.00	21.88	peak	No Limit
2	*	2471.200	84.58	9.45	94.03	54.00	40.03	AVG	No Limit
3		2483.500	45.00	9.49	54.49	74.00	-19.51	peak	
4		2483.500	36.26	9.49	45.75	54.00	-8.25	AVG	

Orthogonal Axis:	X
Test Mode:	TX B MODE 2472MHz_ANT1

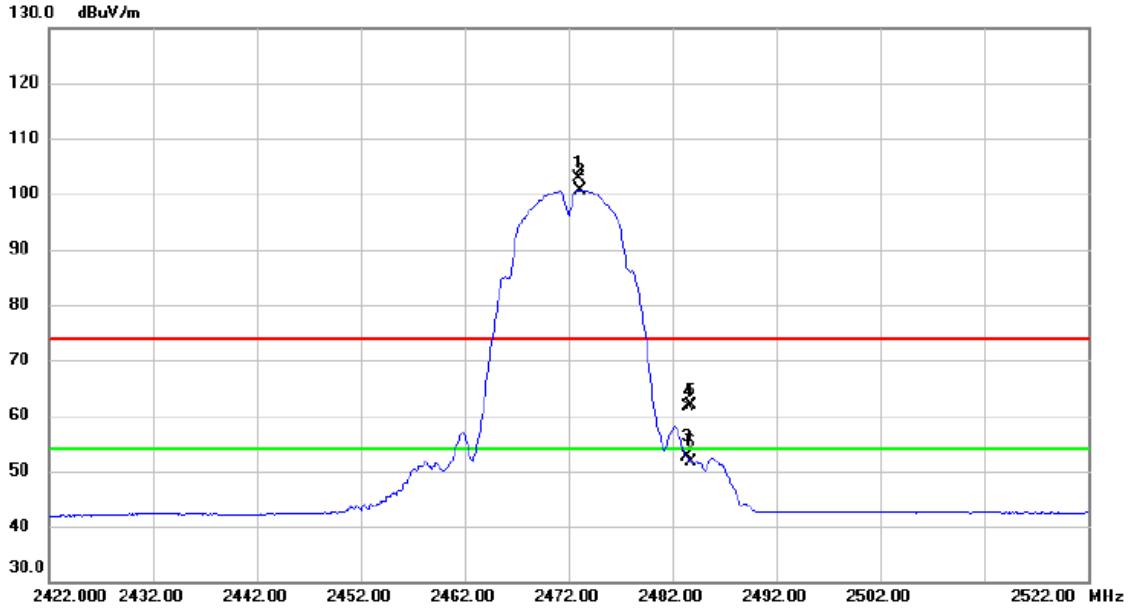
**Vertical**



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		4943.490	24.73	7.09	31.82	54.00	-22.18	AVG	
2		4946.290	37.06	7.09	44.15	74.00	-29.85	peak	
3	*	7415.505	22.82	13.29	36.11	54.00	-17.89	AVG	
4		7417.425	34.03	13.29	47.32	74.00	-26.68	peak	

Orthogonal Axis:	X
Test Mode:	TX B MODE 2472MHz_ANT1

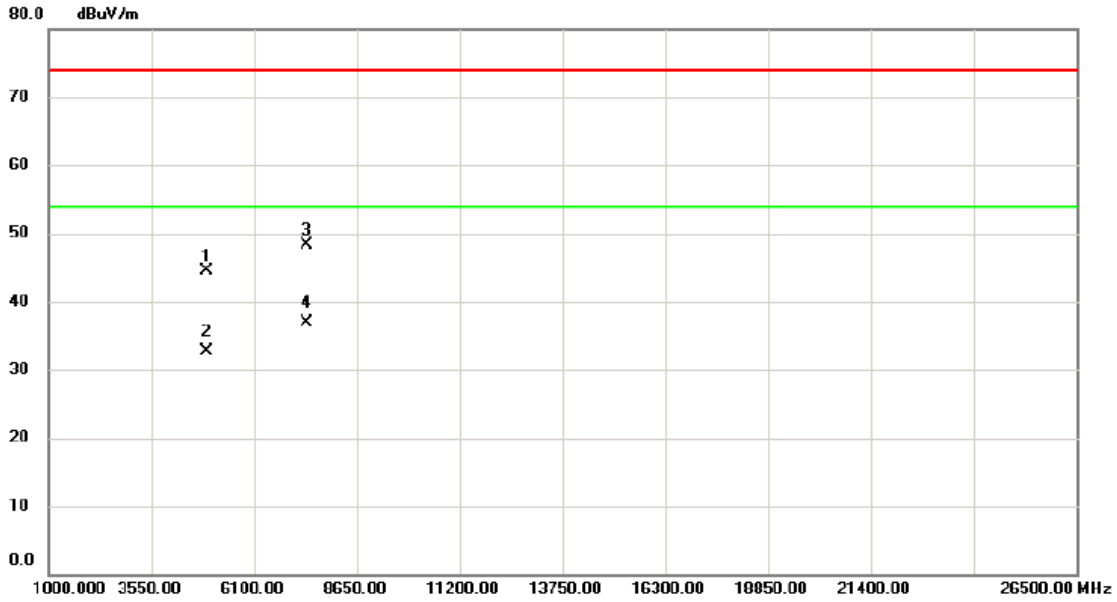
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	2473.000	93.52	9.45	102.97	74.00	28.97	peak	No Limit
2	*	2473.200	91.29	9.45	100.74	54.00	46.74	AVG	No Limit
3		2483.400	43.13	9.49	52.62	54.00	-1.38	AVG	
4		2483.500	52.26	9.49	61.75	74.00	-12.25	peak	
5		2483.800	52.49	9.49	61.98	74.00	-12.02	peak	
6		2483.800	42.21	9.49	51.70	54.00	-2.30	AVG	

Orthogonal Axis:	X
Test Mode:	TX B MODE 2472MHz_ANT1

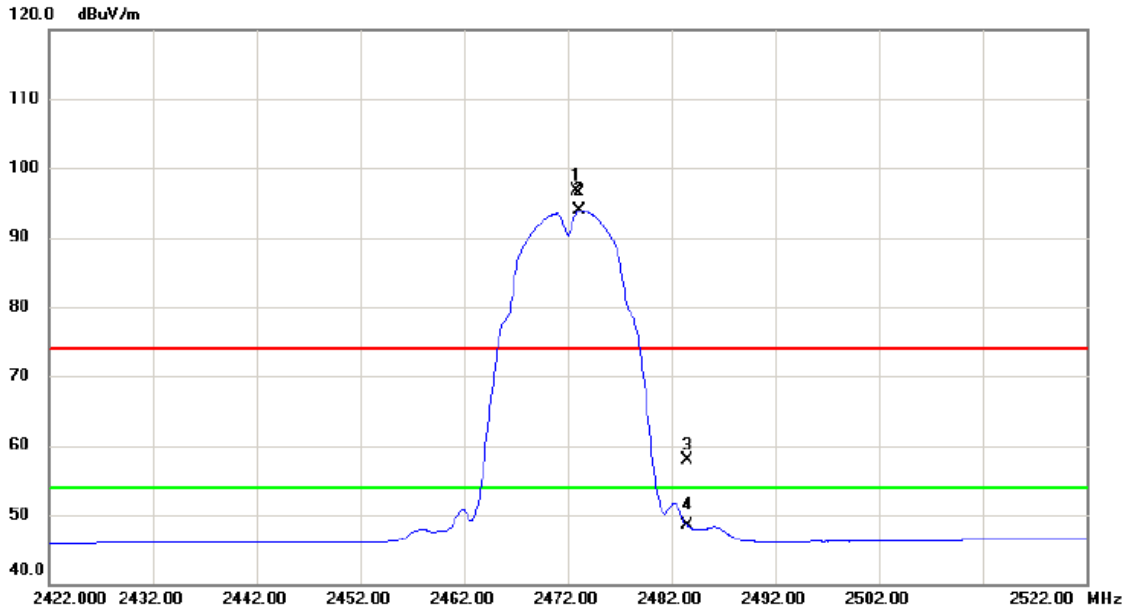
### Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		4943.175	37.39	7.09	44.48	74.00	-29.52	peak	
2		4943.890	25.68	7.09	32.77	54.00	-21.23	AVG	
3		7417.685	35.08	13.29	48.37	74.00	-25.63	peak	
4	*	7418.495	23.71	13.29	37.00	54.00	-17.00	AVG	

Orthogonal Axis :	X
Test Mode :	TX B MODE 2472MHz_ANT2

**Vertical**



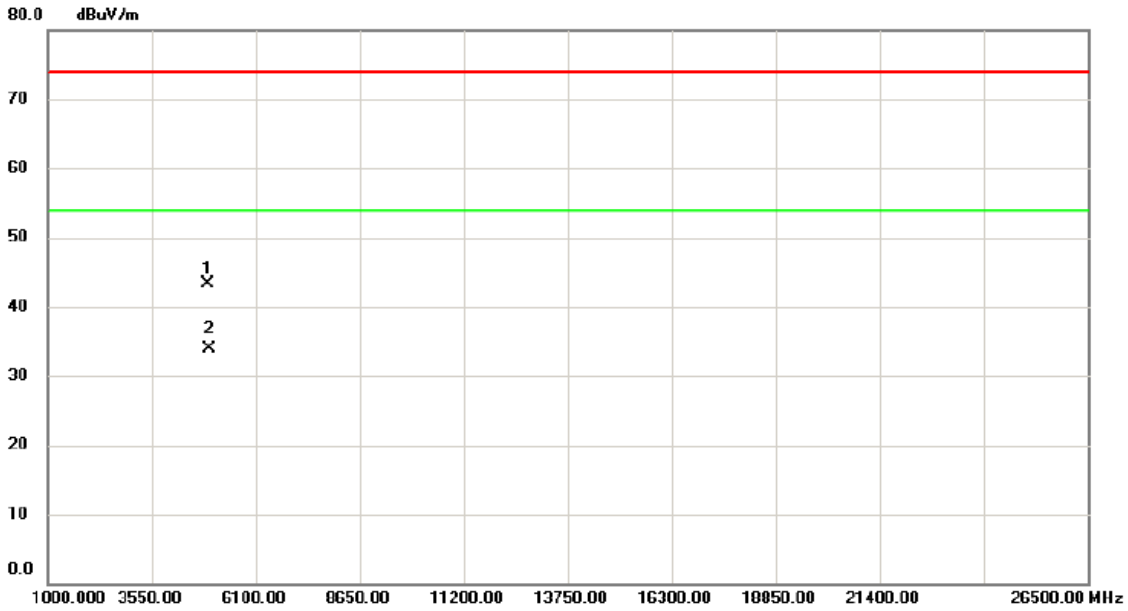
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	2472.900	63.50	33.11	96.61	74.00	22.61	peak	No Limit
2	*	2473.100	60.70	33.11	93.81	54.00	39.81	AVG	No Limit
3		2483.500	24.79	33.15	57.94	74.00	-16.06	peak	
4		2483.500	15.38	33.15	48.53	54.00	-5.47	AVG	

Remark: This test data is from original report BTL-FCCP-3-1602C038.



Orthogonal Axis :	X
Test Mode :	TX B MODE 2472MHz_ANT2

**Vertical**

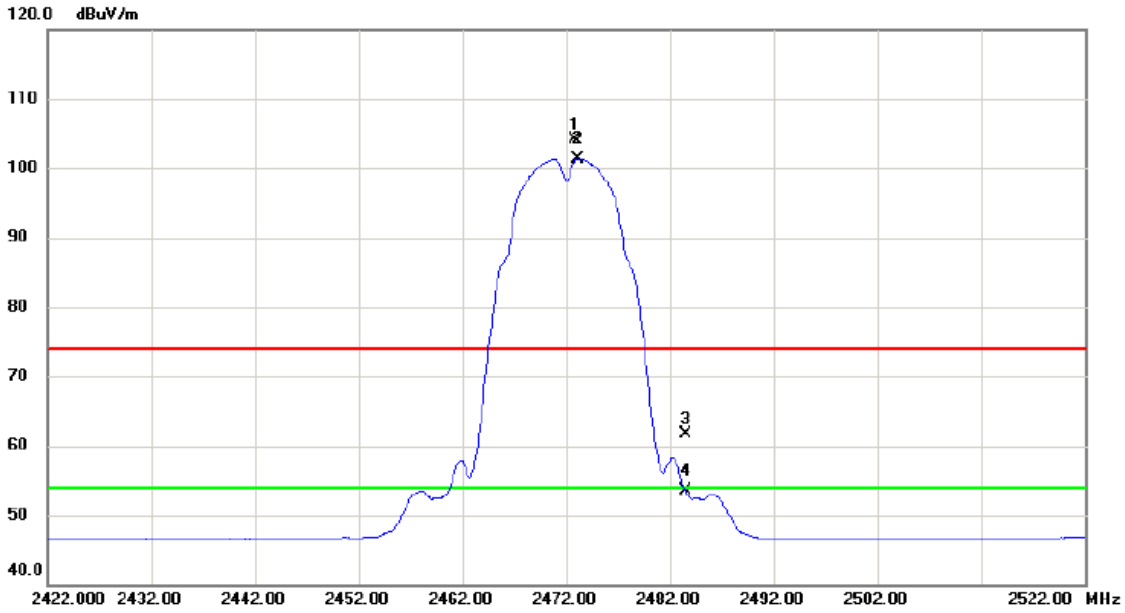


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		4943.800	38.21	5.16	43.37	74.00	-30.63	peak	
2	*	4944.300	28.84	5.16	34.00	54.00	-20.00	AVG	

Remark: This test data is from original report BTL-FCCP-3-1602C038.

Orthogonal Axis :	X
Test Mode :	TX B MODE 2472MHz_ANT2

### Horizontal

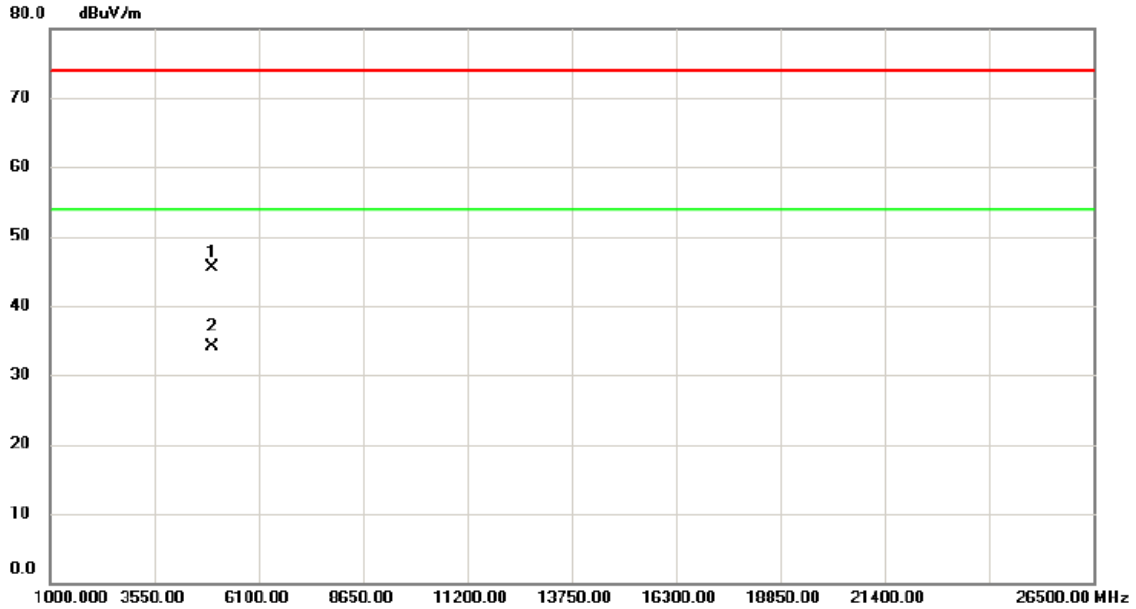


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	2472.900	71.04	33.11	104.15	74.00	30.15	peak	No Limit
2	*	2473.100	68.28	33.11	101.39	54.00	47.39	AVG	No Limit
3		2483.500	28.56	33.15	61.71	74.00	-12.29	peak	
4		2483.500	20.33	33.15	53.48	54.00	-0.52	AVG	

Remark: This test data is from original report BTL-FCCP-3-1602C038.

Orthogonal Axis :	X
Test Mode :	TX B MODE 2472MHz_ANT2

### Horizontal

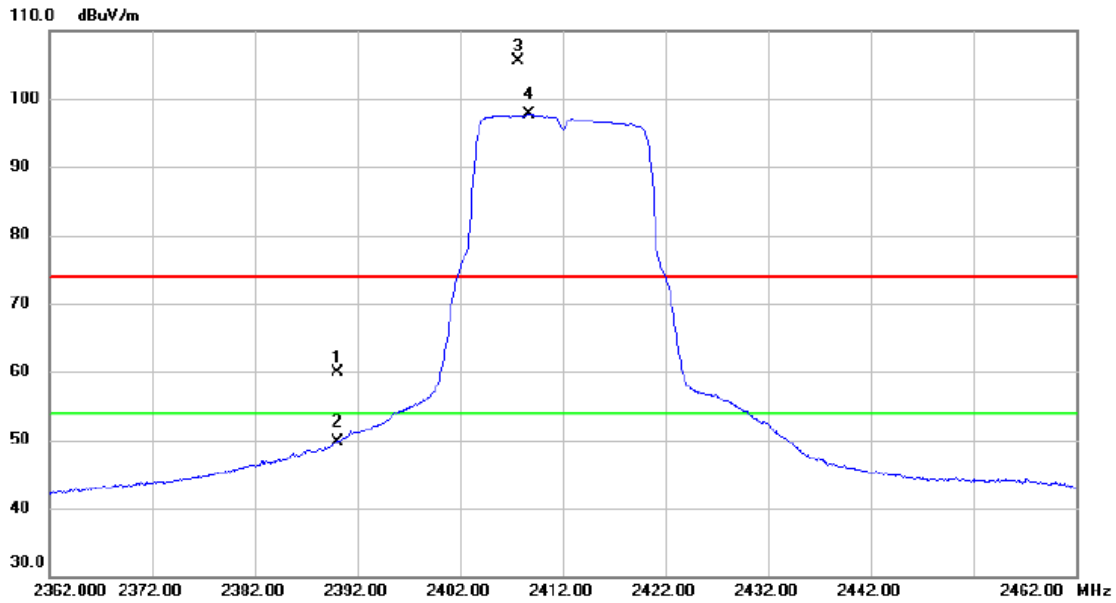


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		4944.010	40.38	5.16	45.54	74.00	-28.46	peak	
2	*	4944.340	28.85	5.16	34.01	54.00	-19.99	AVG	

Remark: This test data is from original report BTL-FCCP-3-1602C038.

Orthogonal Axis :	X
Test Mode :	TX G MODE 2412MHz_ANT1

### Vertical

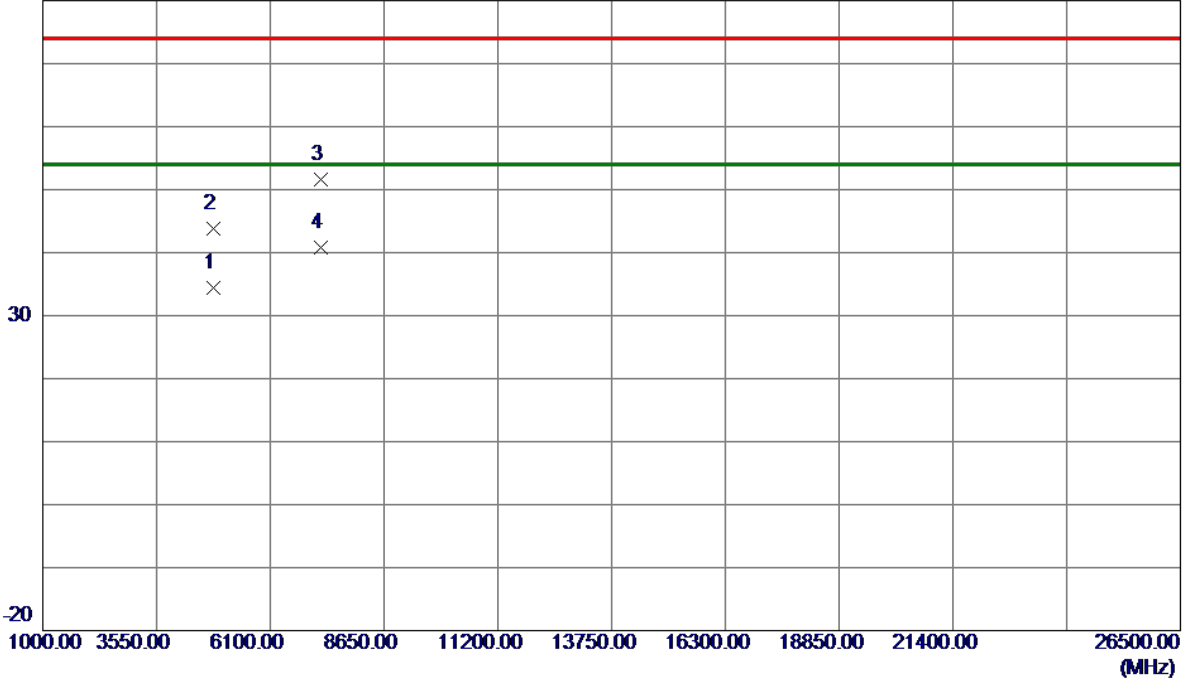


No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.000	50.87	9.13	60.00	74.00	-14.00	peak	
2	2390.000	40.62	9.13	49.75	54.00	-4.25	AVG	
3 X	2407.700	96.28	9.20	105.48	74.00	31.48	peak	No Limit
4 *	2408.700	88.46	9.20	97.66	54.00	43.66	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	TX G MODE 2412MHz_ANT1

**Vertical**

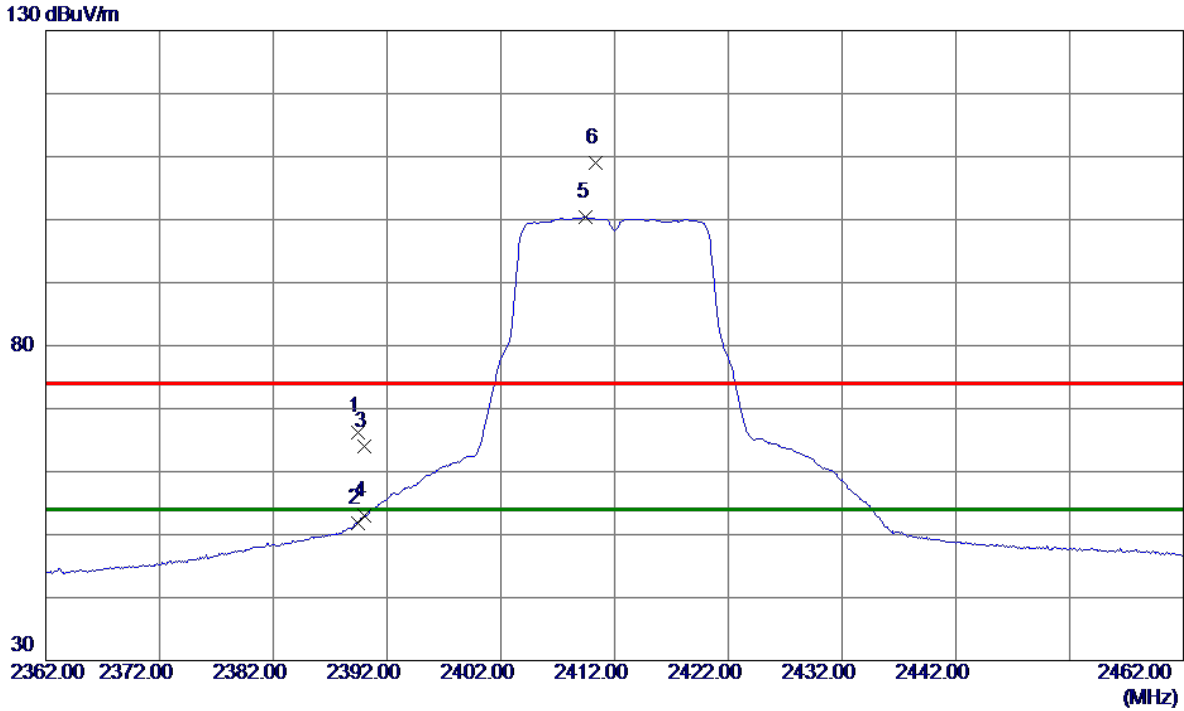
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4824.3000	27.78	6.66	34.44	54.00	-19.56	AVG	
2	4825.4000	37.05	6.66	43.71	74.00	-30.29	Peak	
3	7236.1000	38.42	13.16	51.58	74.00	-22.42	Peak	
4 *	7236.6000	27.66	13.16	40.82	54.00	-13.18	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2412MHz_ANT1

**Horizontal**

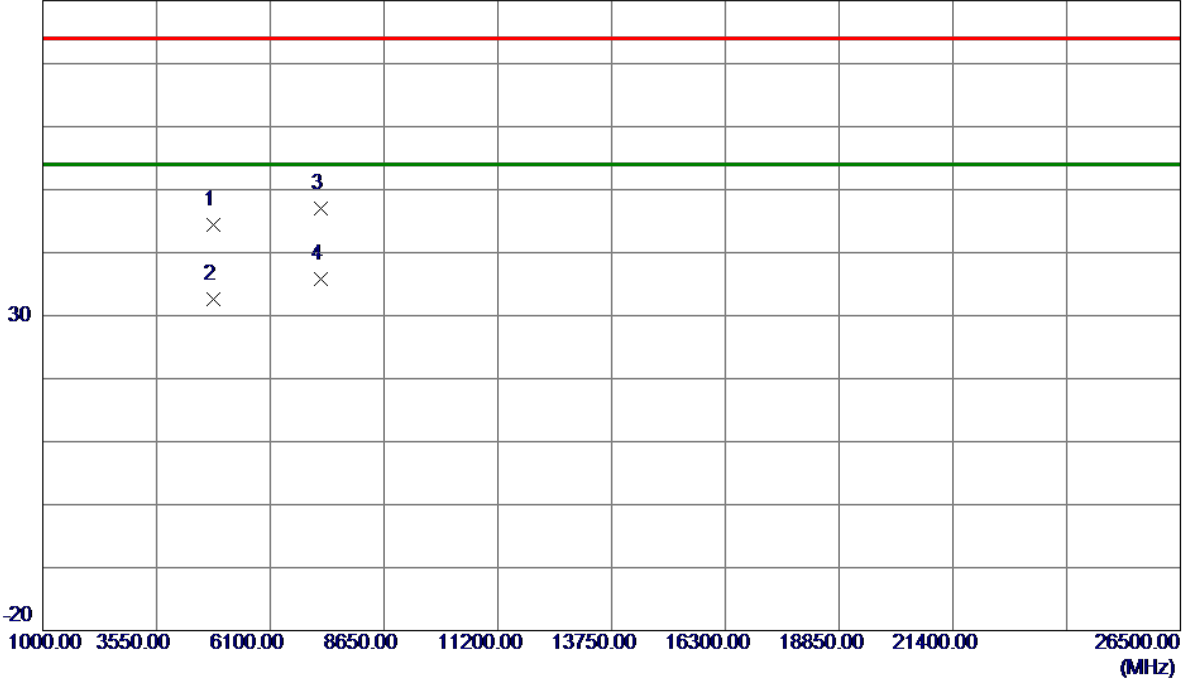


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2389.4000	57.17	9.13	66.30	74.00	-7.70	Peak	
2	2389.4000	42.70	9.13	51.83	54.00	-2.17	AVG	
3	2390.0000	54.93	9.14	64.07	74.00	-9.93	Peak	
4	2390.0000	43.79	9.14	52.93	54.00	-1.07	AVG	
5 *	2409.5000	91.16	9.21	100.37	54.00	46.37	AVG	No Limit
6	2410.3000	99.80	9.21	109.01	74.00	35.01	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	TX G MODE 2412MHz_ANT1

**Horizontal**

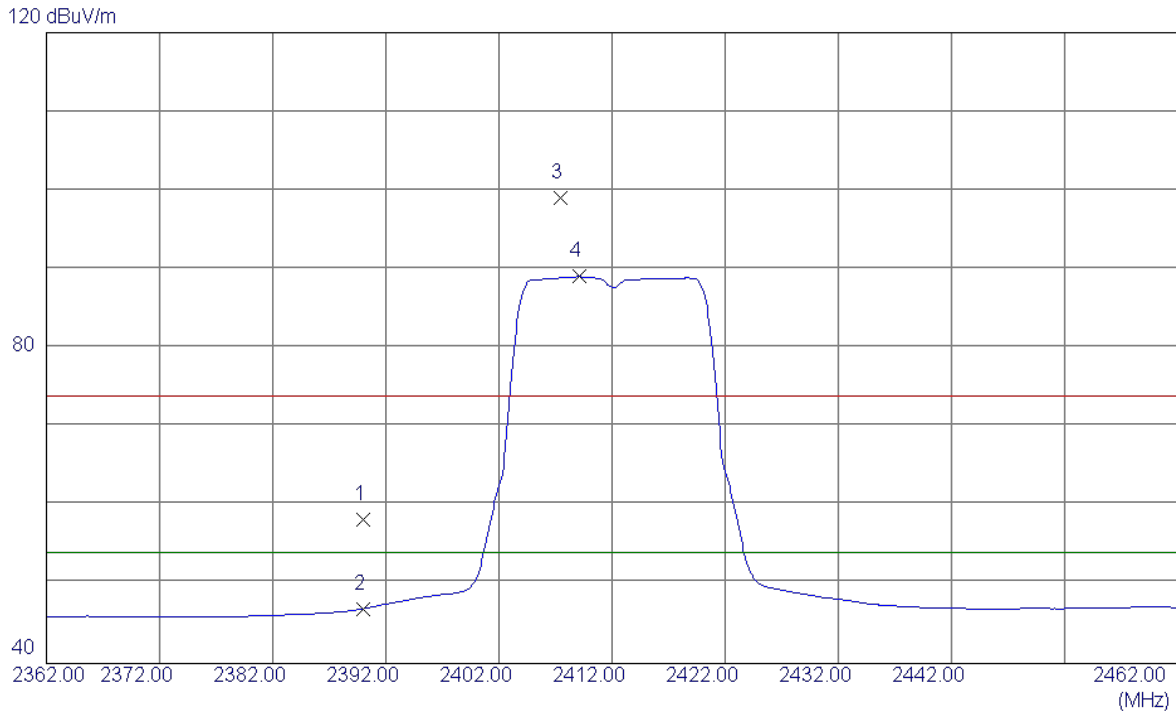
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4823.0780	37.77	6.65	44.42	74.00	-29.58	Peak	
2	4823.6480	25.94	6.66	32.60	54.00	-21.40	AVG	
3	7235.8540	33.80	13.16	46.96	74.00	-27.04	Peak	
4 *	7236.7820	22.61	13.16	35.77	54.00	-18.23	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2412MHz_ANT2

**Vertical**



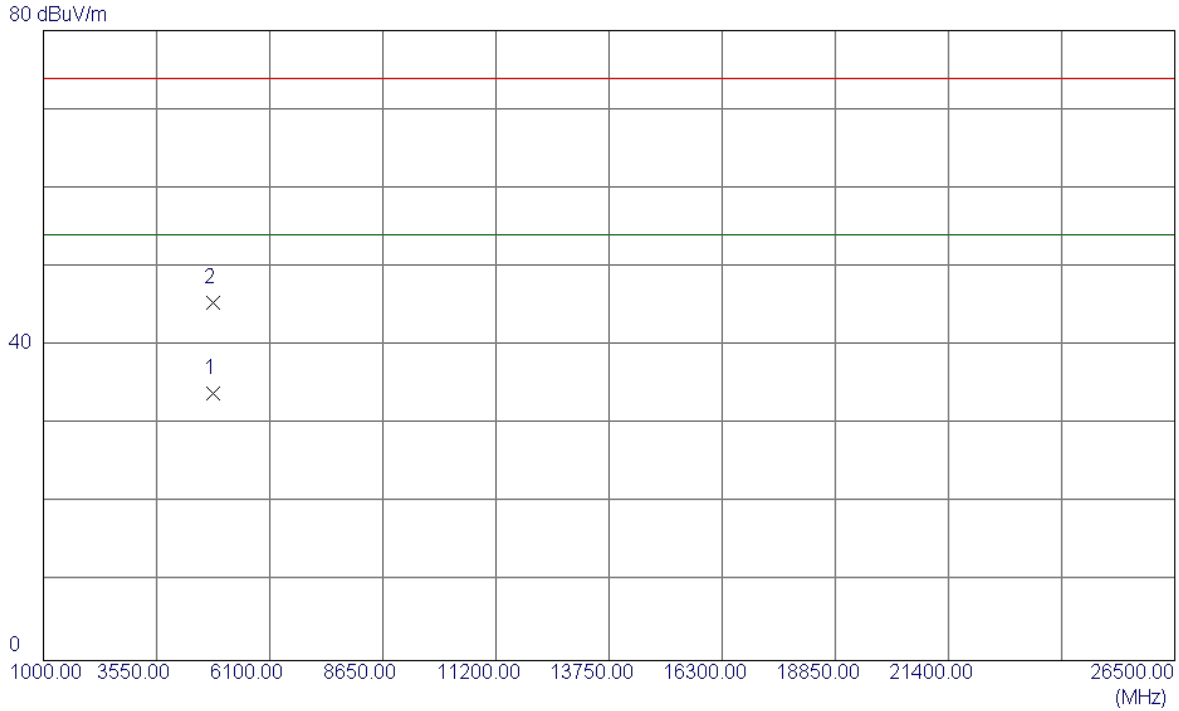
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	25.54	32.77	58.31	74.00	-15.69	Peak	
2	2390.0000	14.17	32.77	46.94	54.00	-7.06	AVG	
3	2407.4000	66.14	32.84	98.98	74.00	24.98	Peak	No Limit
4 *	2409.1000	56.20	32.85	89.05	54.00	35.05	AVG	No Limit

Remark: This test data is from original report BTL-FCCP-3-1602C038.



Orthogonal Axis :	X
Test Mode :	TX G MODE 2412MHz_ANT2

**Vertical**

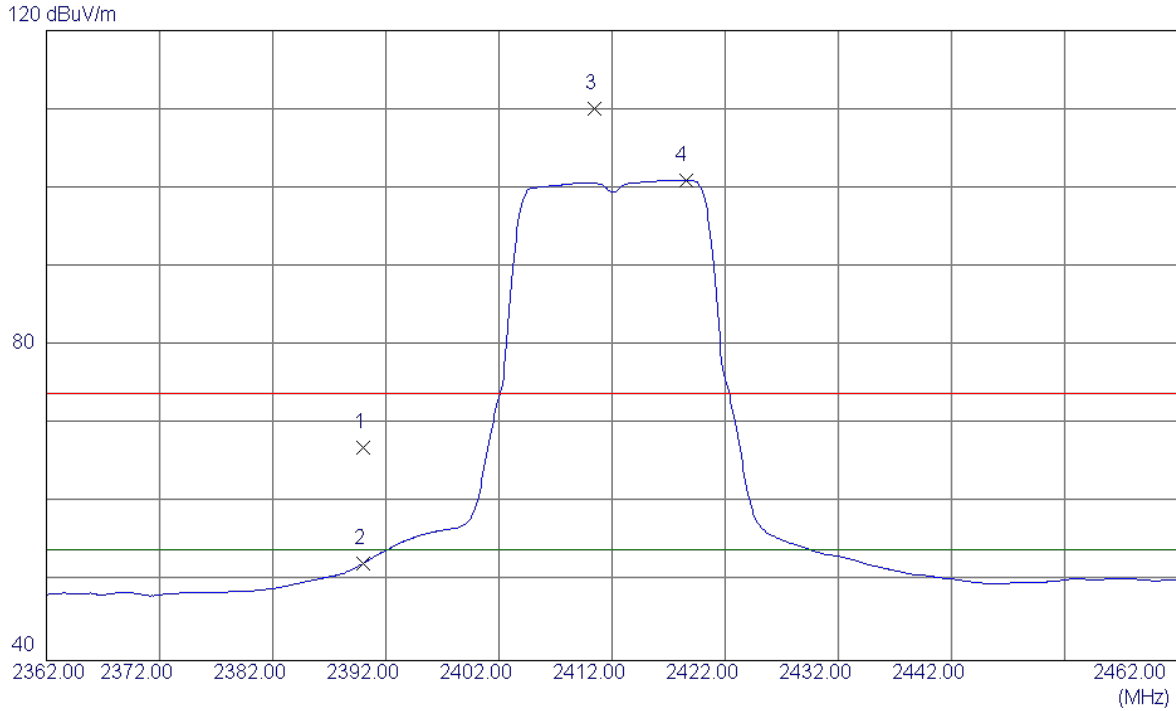


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4824.1400	29.25	4.69	33.94	54.00	-20.06	AVG	
2	4824.1900	40.73	4.69	45.42	74.00	-28.58	Peak	

Remark: This test data is from original report BTL-FCCP-3-1602C038.

Orthogonal Axis :	X
Test Mode :	TX G MODE 2412MHz_ANT2

**Horizontal**

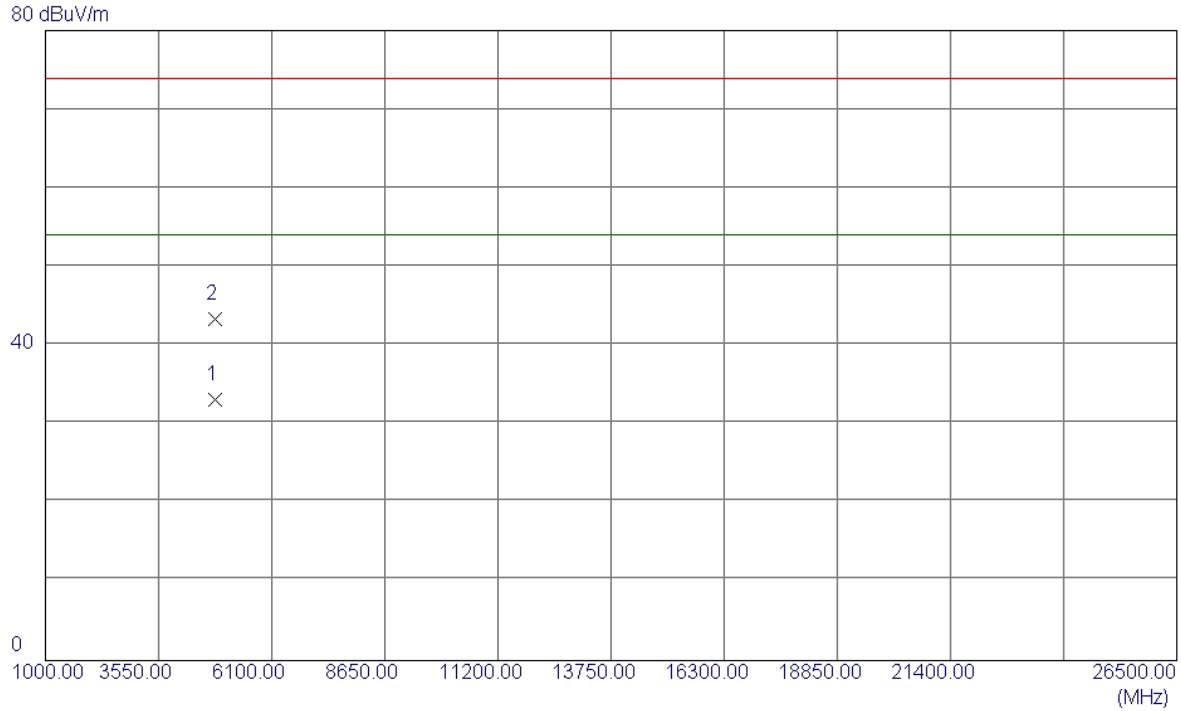


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	34.23	32.77	67.00	74.00	-7.00	Peak	
2	2390.0000	19.55	32.77	52.32	54.00	-1.68	AVG	
3	2410.4000	77.29	32.85	110.14	74.00	36.14	Peak	No Limit
4 *	2418.5000	68.12	32.88	101.00	54.00	47.00	AVG	No Limit

Remark: This test data is from original report BTL-FCCP-3-1602C038.

Orthogonal Axis :	X
Test Mode :	TX G MODE 2412MHz_ANT2

### Horizontal

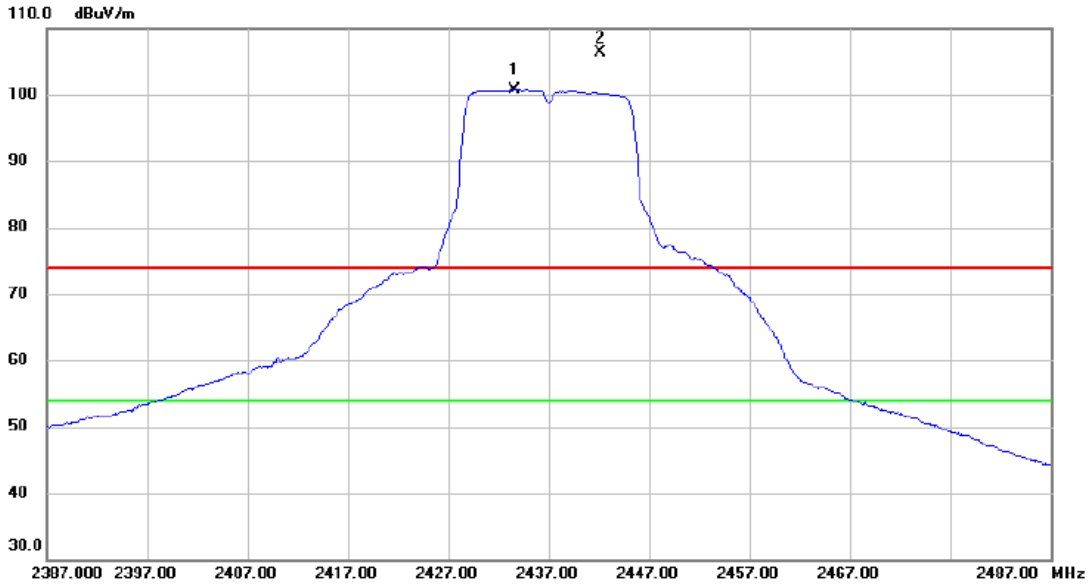


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4823.7000	28.42	4.69	33.11	54.00	-20.89	AVG	
2	4824.2200	38.62	4.69	43.31	74.00	-30.69	Peak	

Remark: This test data is from original report BTL-FCCP-3-1602C038.

Orthogonal Axis :	X
Test Mode :	TX G MODE 2437MHz_ANT1

### Vertical

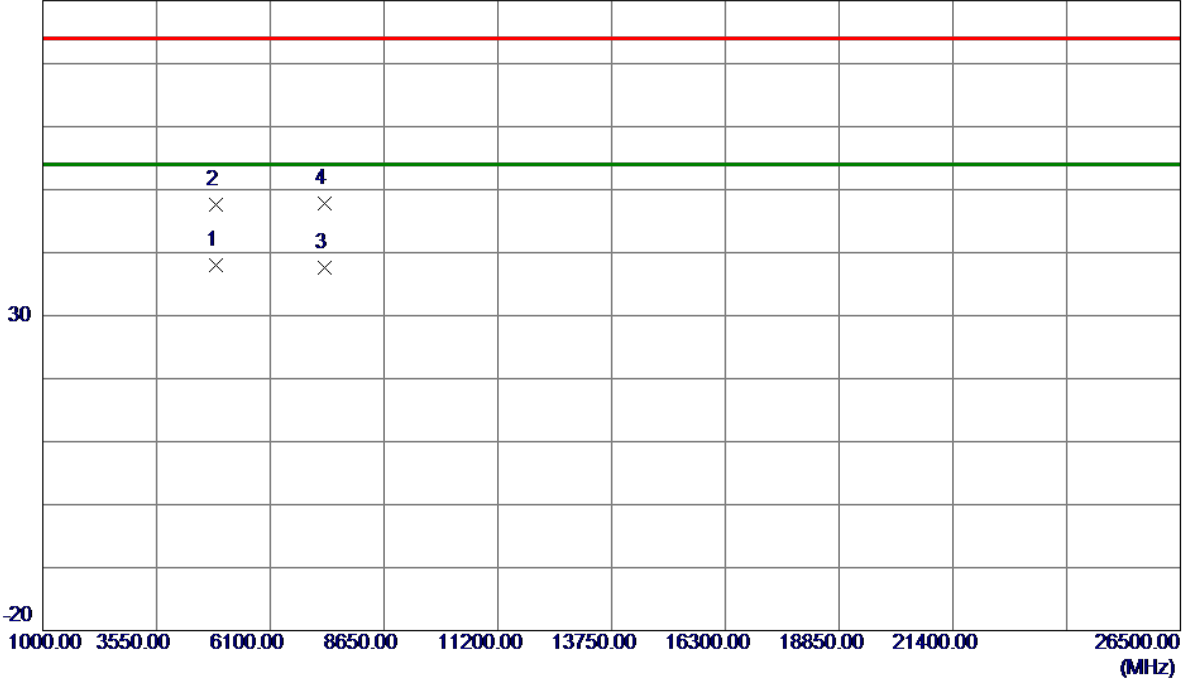


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	2433.600	91.40	9.30	100.70	54.00	46.70	AVG	No Limit
2	X	2442.200	96.98	9.33	106.31	74.00	32.31	peak	No Limit

Orthogonal Axis :	X
Test Mode :	TX G MODE 2437MHz_ANT1

**Vertical**

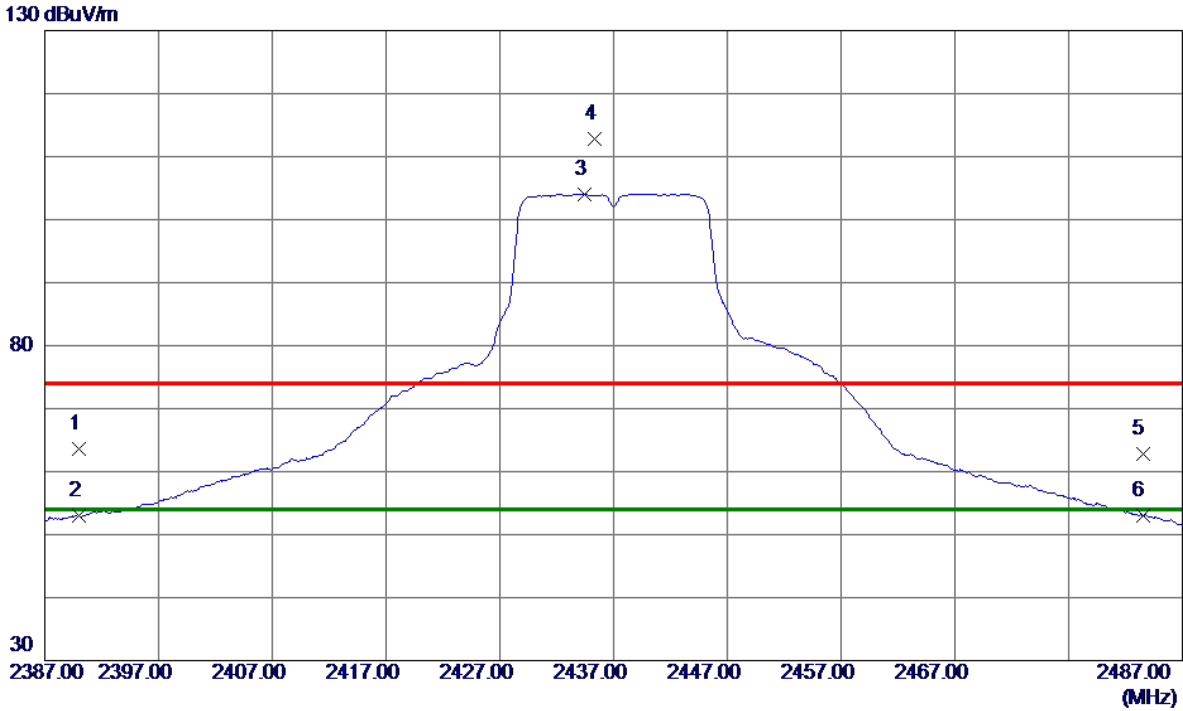
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4875.8000	31.12	6.84	37.96	54.00	-16.04	AVG	
2	4877.5000	40.69	6.85	47.54	74.00	-26.46	Peak	
3	7309.6000	24.40	13.21	37.61	54.00	-16.39	AVG	
4	7310.5000	34.64	13.21	47.85	74.00	-26.15	Peak	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2437MHz_ANT1

**Horizontal**

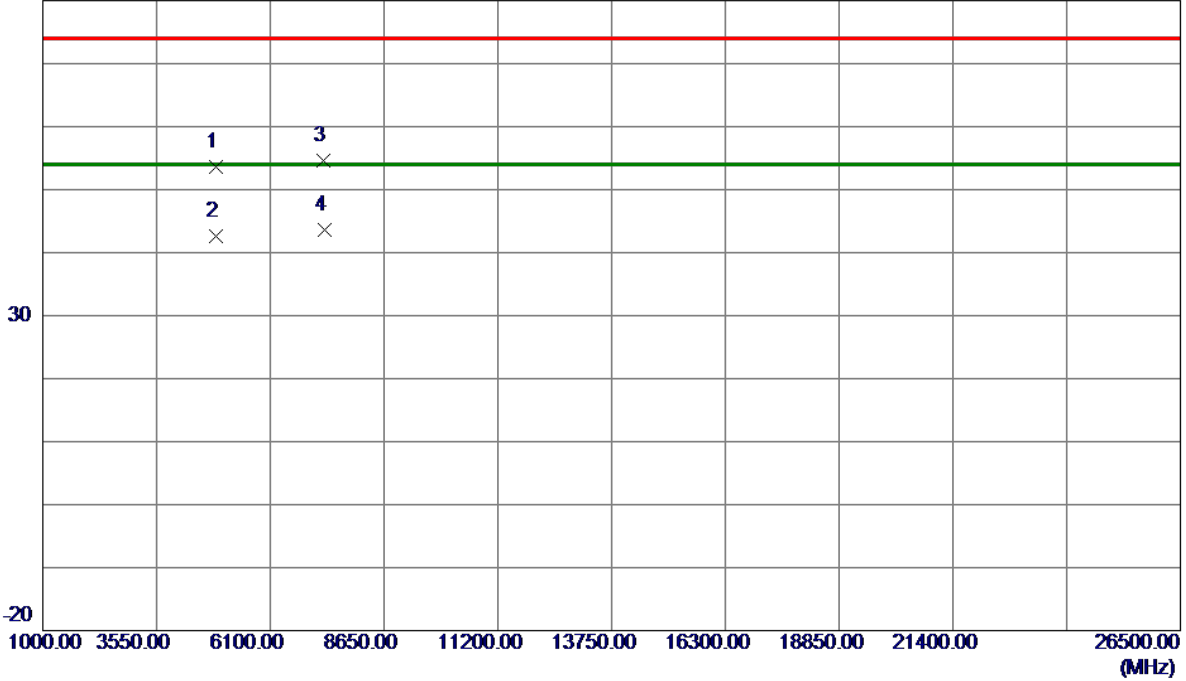


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	54.44	9.14	63.58	74.00	-10.42	Peak	
2	2390.0000	43.84	9.14	52.98	54.00	-1.02	AVG	
3 *	2434.4000	94.79	9.30	104.09	54.00	50.09	AVG	No Limit
4	2435.3000	103.42	9.30	112.72	74.00	38.72	Peak	No Limit
5	2483.5000	53.37	9.48	62.85	74.00	-11.15	Peak	
6	2483.5000	43.49	9.48	52.97	54.00	-1.03	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2437MHz_ANT1

**Horizontal**

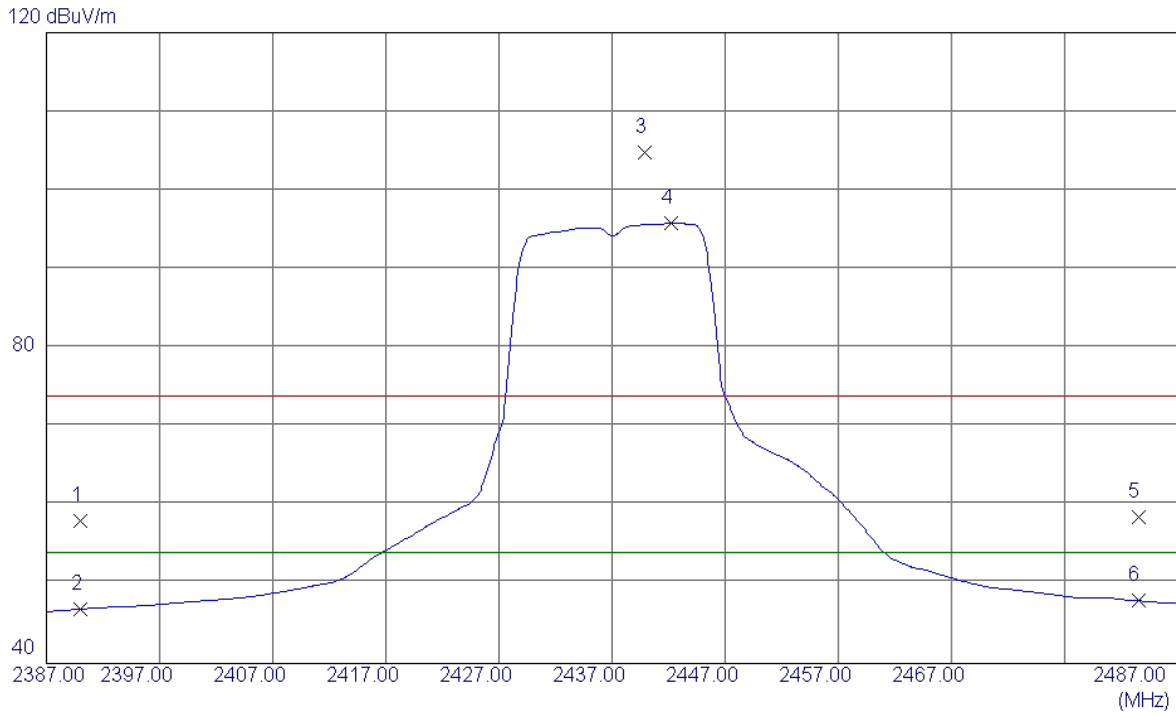
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4872.8500	46.78	6.83	53.61	74.00	-20.39	Peak	
2	4875.9000	35.67	6.84	42.51	54.00	-11.49	AVG	
3	7298.2000	41.46	13.20	54.66	74.00	-19.34	Peak	
4 *	7306.7000	30.39	13.21	43.60	54.00	-10.40	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2437MHz_ANT2

**Vertical**



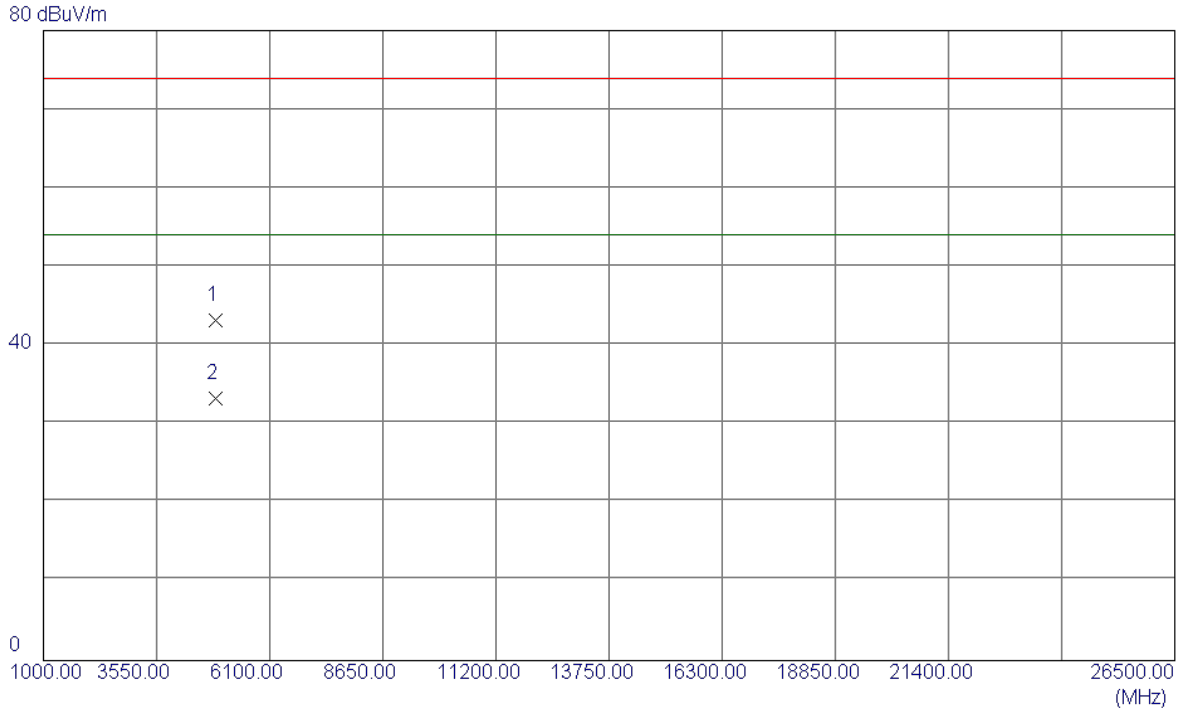
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	25.29	32.77	58.06	74.00	-15.94	Peak	
2	2390.0000	14.09	32.77	46.86	54.00	-7.14	AVG	
3	2439.9000	71.77	32.97	104.74	74.00	30.74	Peak	No Limit
4 *	2442.2000	62.81	32.98	95.79	54.00	41.79	AVG	No Limit
5	2483.5000	25.47	33.15	58.62	74.00	-15.38	Peak	
6	2483.5000	14.82	33.15	47.97	54.00	-6.03	AVG	

Remark: This test data is from original report BTL-FCCP-3-1602C038.



Orthogonal Axis :	X
Test Mode :	TX G MODE 2437MHz_ANT2

**Vertical**

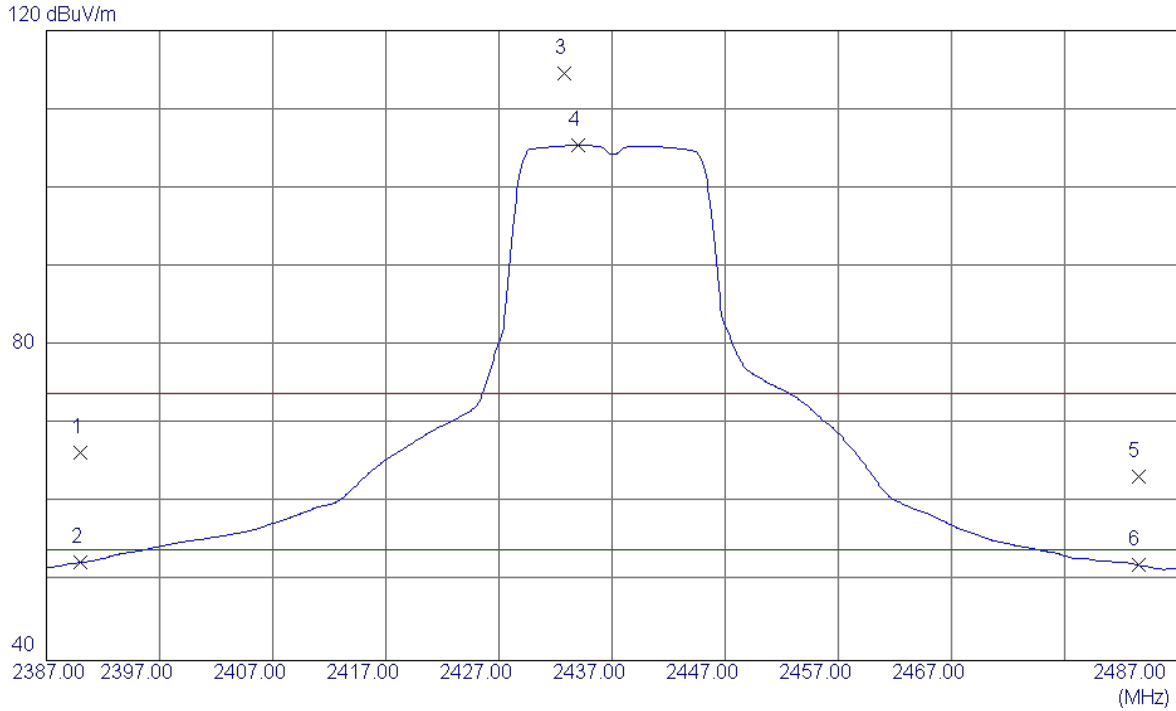


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		
1	4873.9100	38.32	4.89	43.21	74.00	-30.79	Peak	
2 *	4874.2100	28.46	4.89	33.35	54.00	-20.65	AVG	

Remark: This test data is from original report BTL-FCCP-3-1602C038.

Orthogonal Axis :	X
Test Mode :	TX G MODE 2437MHz_ANT2

### Horizontal

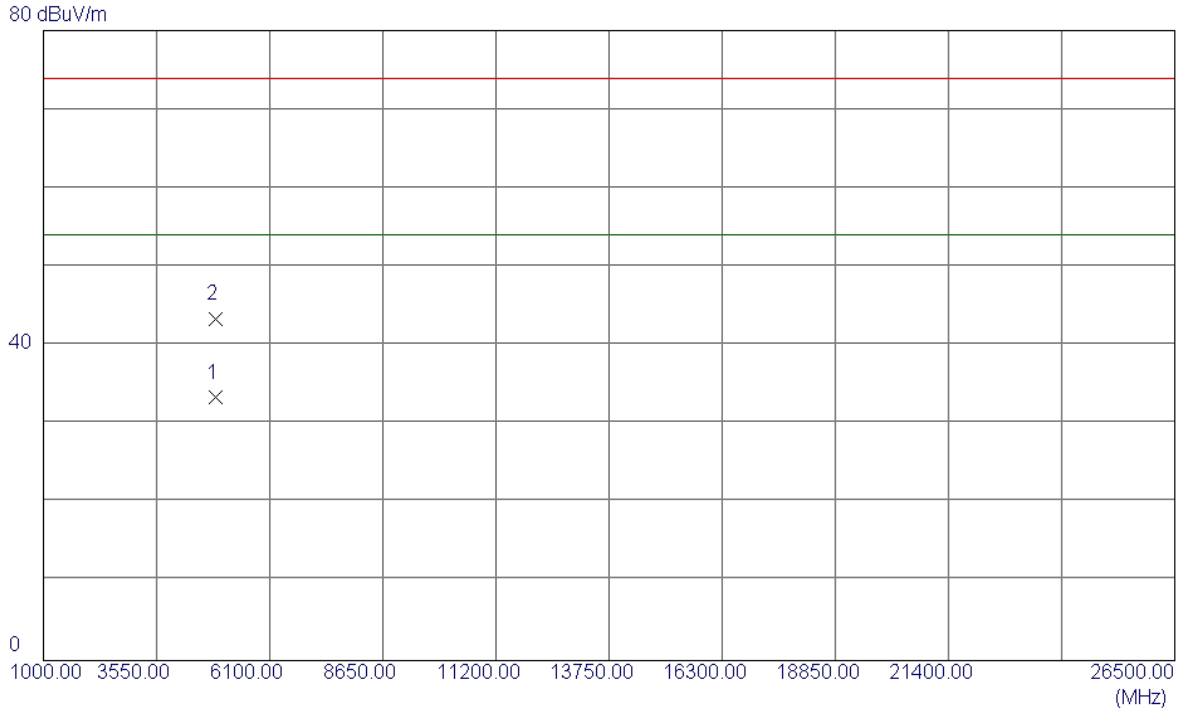


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	33.60	32.77	66.37	74.00	-7.63	Peak	
2	2390.0000	19.68	32.77	52.45	54.00	-1.55	AVG	
3	2432.8000	81.63	32.94	114.57	74.00	40.57	Peak	No Limit
4 *	2434.0000	72.55	32.95	105.50	54.00	51.50	AVG	No Limit
5	2483.5000	30.28	33.15	63.43	74.00	-10.57	Peak	
6	2483.5000	18.96	33.15	52.11	54.00	-1.89	AVG	

Remark: This test data is from original report BTL-FCCP-3-1602C038.

Orthogonal Axis :	X
Test Mode :	TX G MODE 2437MHz_ANT2

**Horizontal**

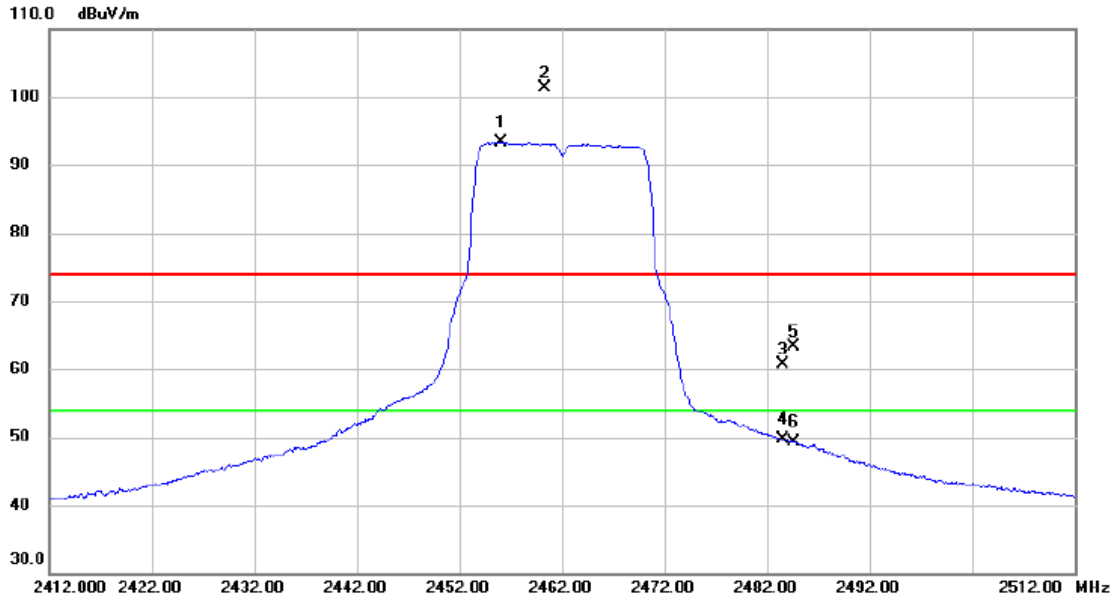


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		
1 *	4873.7400	28.47	4.89	33.36	54.00	-20.64	AVG	
2	4874.1100	38.46	4.89	43.35	74.00	-30.65	Peak	

Remark: This test data is from original report BTL-FCCP-3-1602C038.

Orthogonal Axis :	X
Test Mode :	TX G MODE 2462MHz_ANT1

**Vertical**

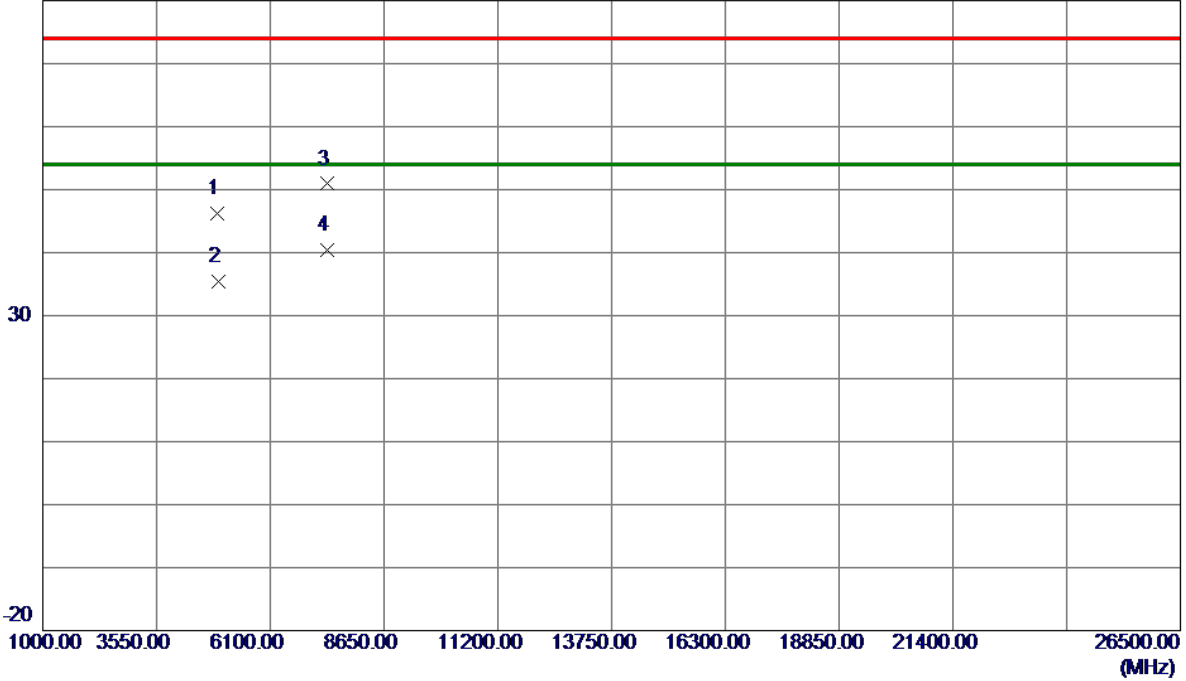


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	2456.100	83.92	9.39	93.31	54.00	39.31	AVG	No Limit
2	X	2460.300	91.91	9.40	101.31	74.00	27.31	peak	No Limit
3		2483.500	51.24	9.49	60.73	74.00	-13.27	peak	
4		2483.500	40.26	9.49	49.75	54.00	-4.25	AVG	
5		2484.600	53.83	9.49	63.32	74.00	-10.68	peak	
6		2484.600	39.89	9.49	49.38	54.00	-4.62	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2462MHz_ANT1

**Vertical**

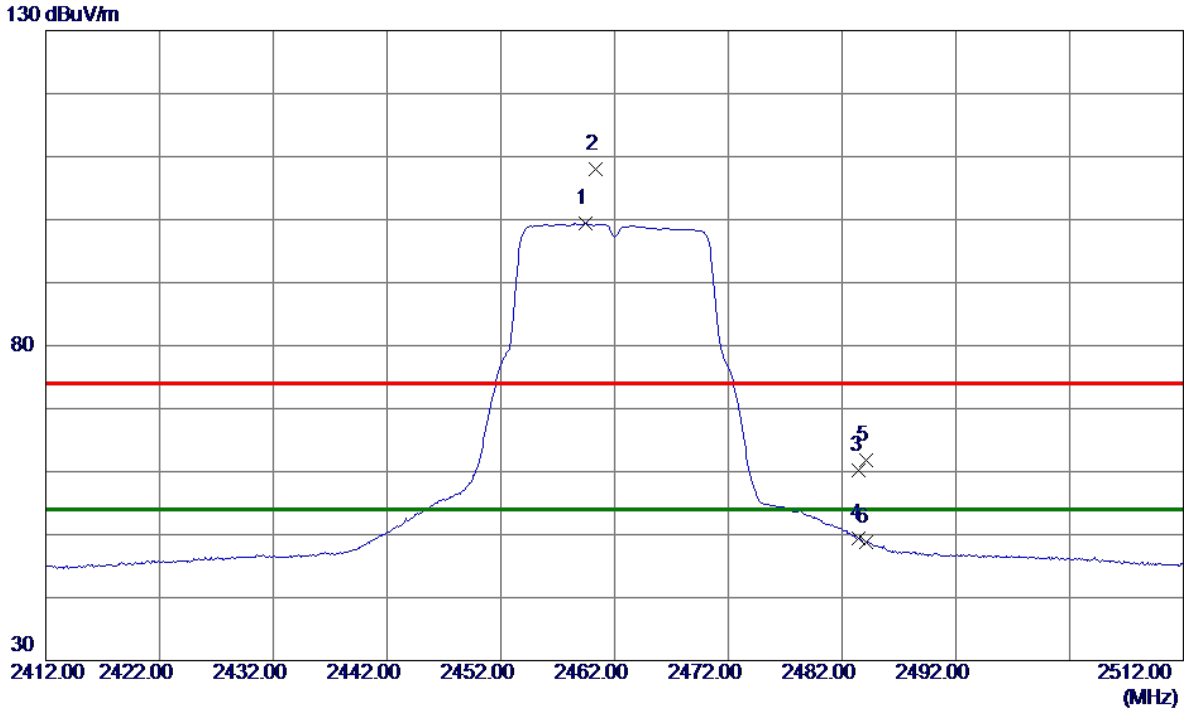
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4923.6000	39.21	7.02	46.23	74.00	-27.77	Peak	
2	4926.0000	28.42	7.02	35.44	54.00	-18.56	AVG	
3	7385.3000	37.63	13.27	50.90	74.00	-23.10	Peak	
4 *	7388.2000	27.07	13.27	40.34	54.00	-13.66	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2462MHz_ANT1

**Horizontal**

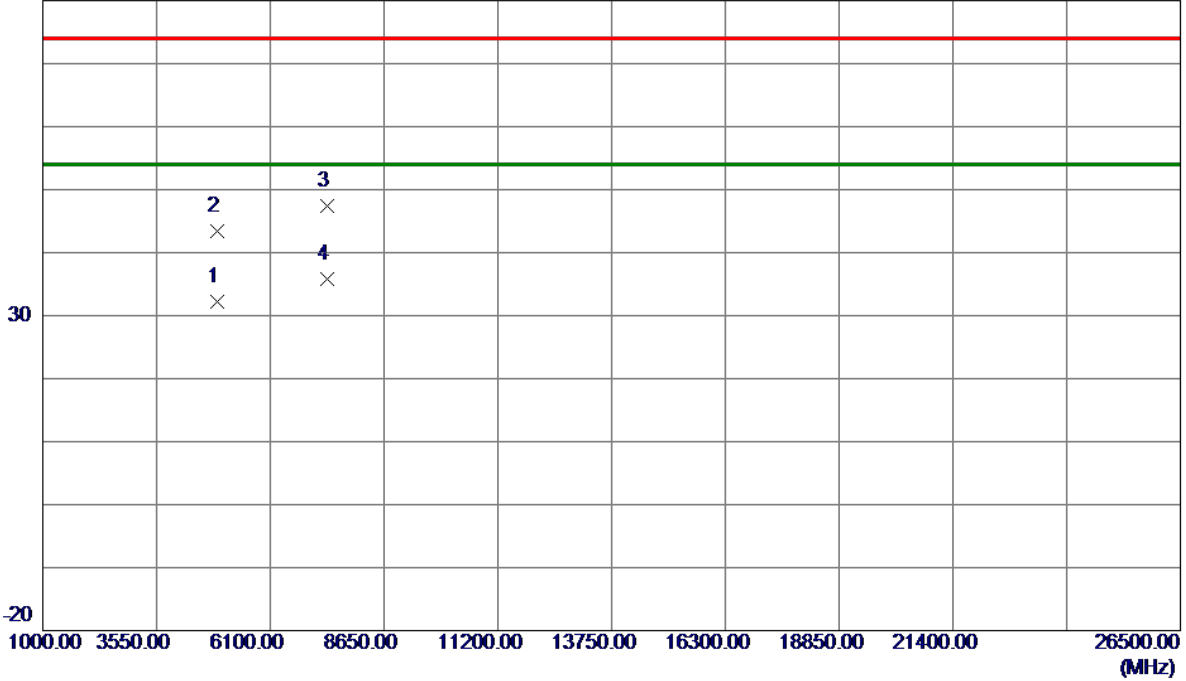


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2459.4000	89.93	9.39	99.32	54.00	45.32	AVG	No Limit
2	2460.3000	98.57	9.40	107.97	74.00	33.97	Peak	No Limit
3	2483.5000	50.68	9.48	60.16	74.00	-13.84	Peak	
4	2483.5000	39.93	9.48	49.41	54.00	-4.59	AVG	
5	2484.1000	52.24	9.49	61.73	74.00	-12.27	Peak	
6	2484.1000	39.39	9.49	48.88	54.00	-5.12	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2462MHz_ANT1

**Horizontal**

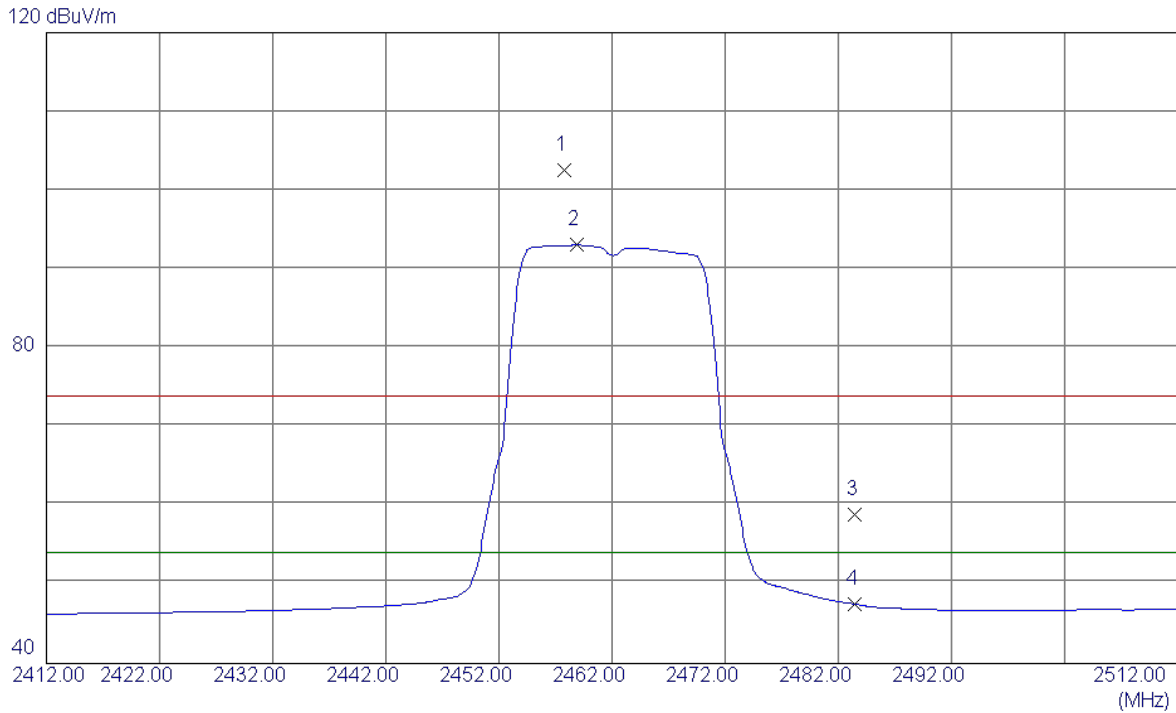
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4923.1280	25.27	7.01	32.28	54.00	-21.72	AVG	
2	4923.7879	36.29	7.02	43.31	74.00	-30.69	Peak	
3	7385.0600	34.11	13.27	47.38	74.00	-26.62	Peak	
4 *	7385.0880	22.61	13.27	35.88	54.00	-18.12	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2462MHz_ANT2

**Vertical**



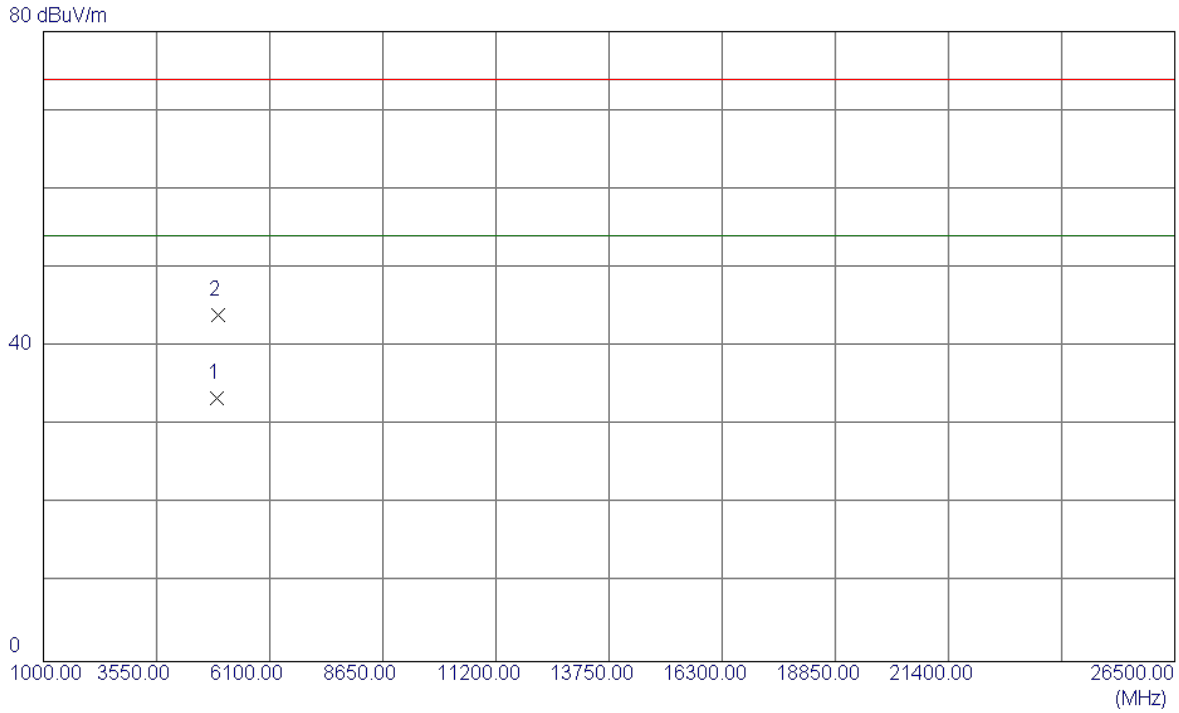
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2457.8000	69.45	33.05	102.50	74.00	28.50	Peak	No Limit
2 *	2458.9000	60.02	33.05	93.07	54.00	39.07	AVG	No Limit
3	2483.5000	25.79	33.15	58.94	74.00	-15.06	Peak	
4	2483.5000	14.37	33.15	47.52	54.00	-6.48	AVG	

Remark: This test data is from original report BTL-FCCP-3-1602C038.



Orthogonal Axis :	X
Test Mode :	TX G MODE 2462MHz_ANT2

**Vertical**

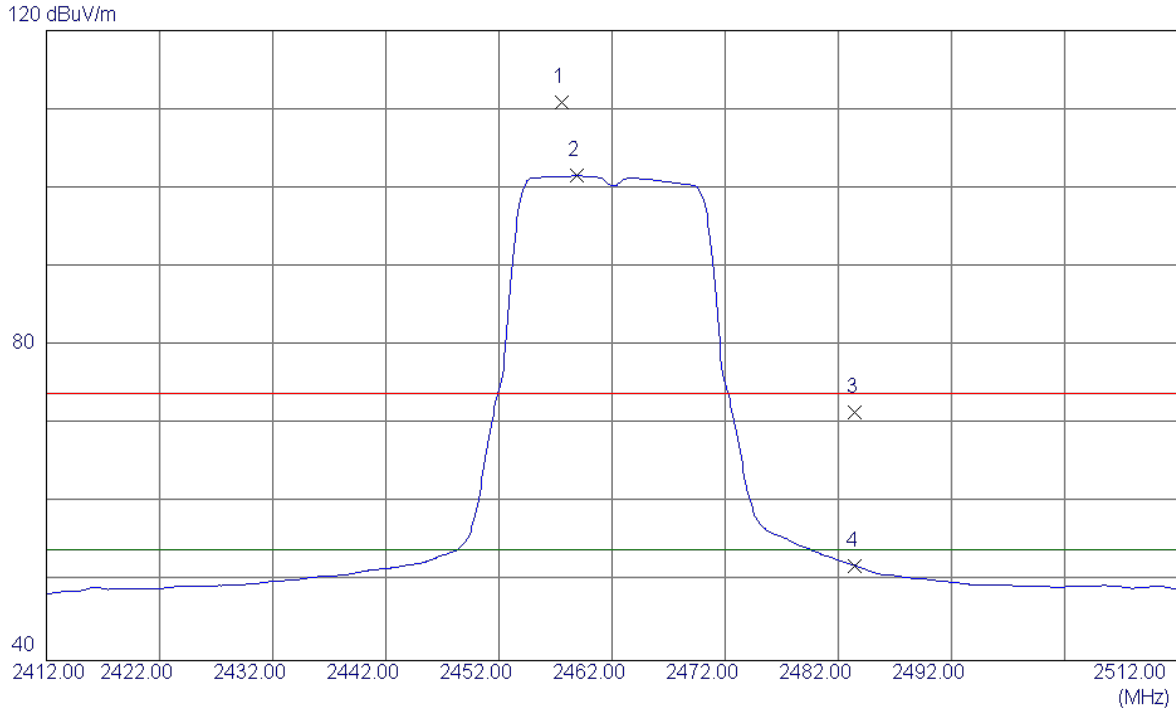


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4923.9200	28.39	5.08	33.47	54.00	-20.53	AVG	
2	4924.2799	38.88	5.08	43.96	74.00	-30.04	Peak	

Remark: This test data is from original report BTL-FCCP-3-1602C038.

Orthogonal Axis :	X
Test Mode :	TX G MODE 2462MHz_ANT2

### Horizontal

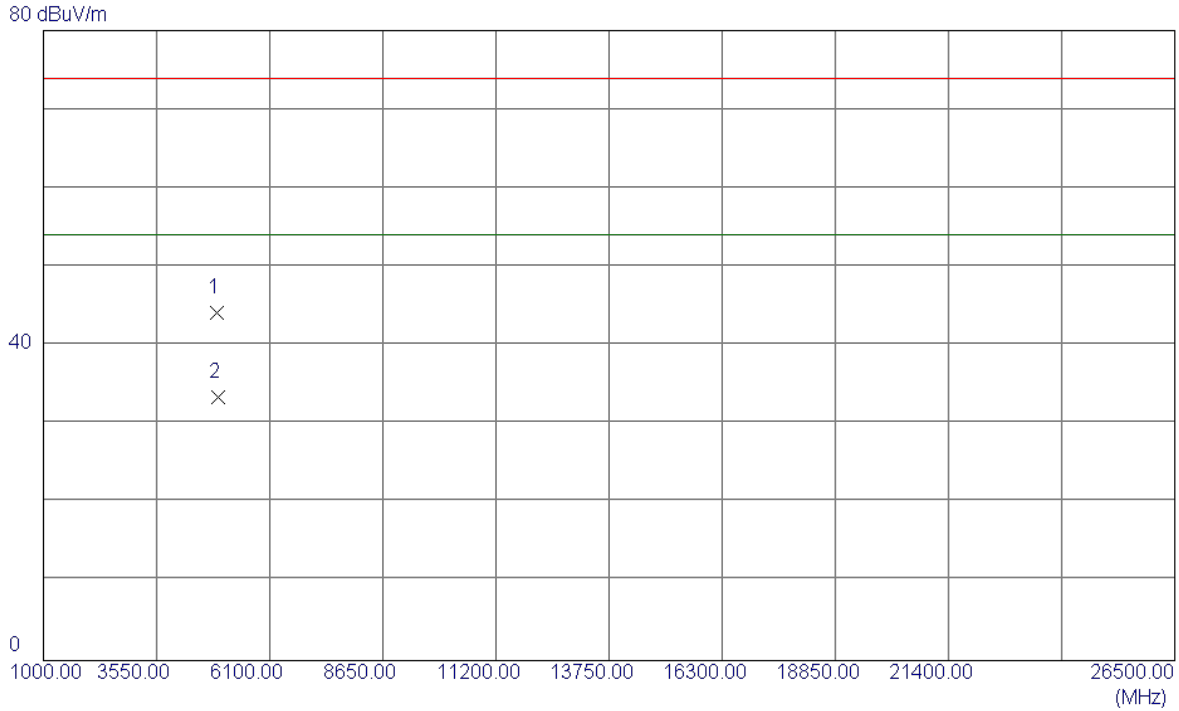


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2457.6000	77.77	33.05	110.82	74.00	36.82	Peak	No Limit
2 *	2458.9000	68.50	33.05	101.55	54.00	47.55	AVG	No Limit
3	2483.5000	38.40	33.15	71.55	74.00	-2.45	Peak	
4	2483.5000	18.89	33.15	52.04	54.00	-1.96	AVG	

Remark: This test data is from original report BTL-FCCP-3-1602C038.

Orthogonal Axis :	X
Test Mode :	TX G MODE 2462MHz_ANT2

### Horizontal

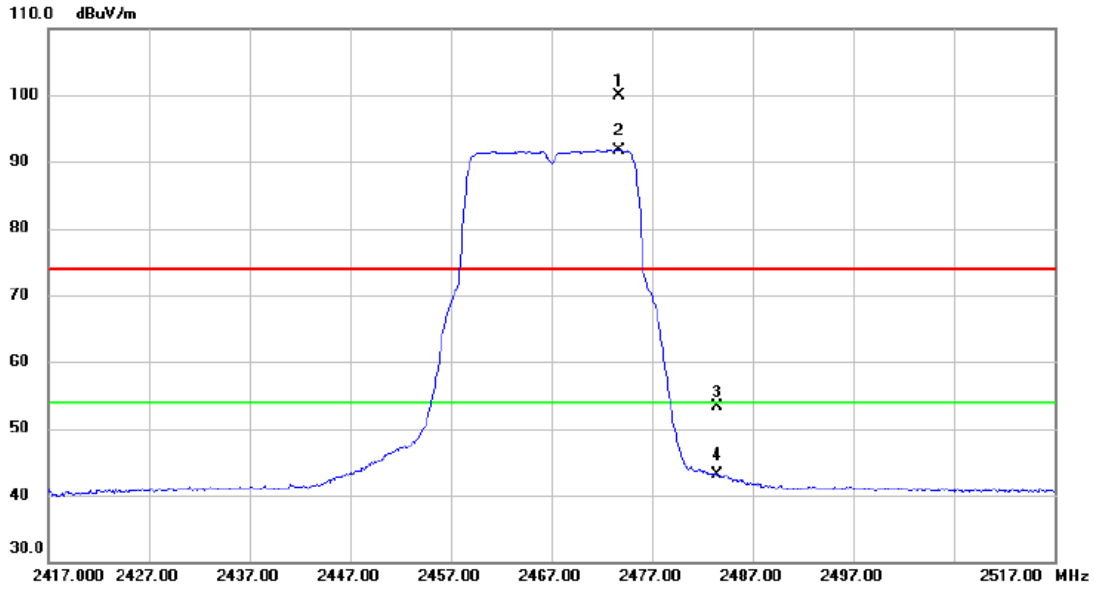


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		
1	4924.0700	39.09	5.08	44.17	74.00	-29.83	Peak	
2 *	4924.3200	28.37	5.08	33.45	54.00	-20.55	AVG	

Remark: This test data is from original report BTL-FCCP-3-1602C038.

Orthogonal Axis:	X
Test Mode:	TX G MODE 2467MHz_ANT1

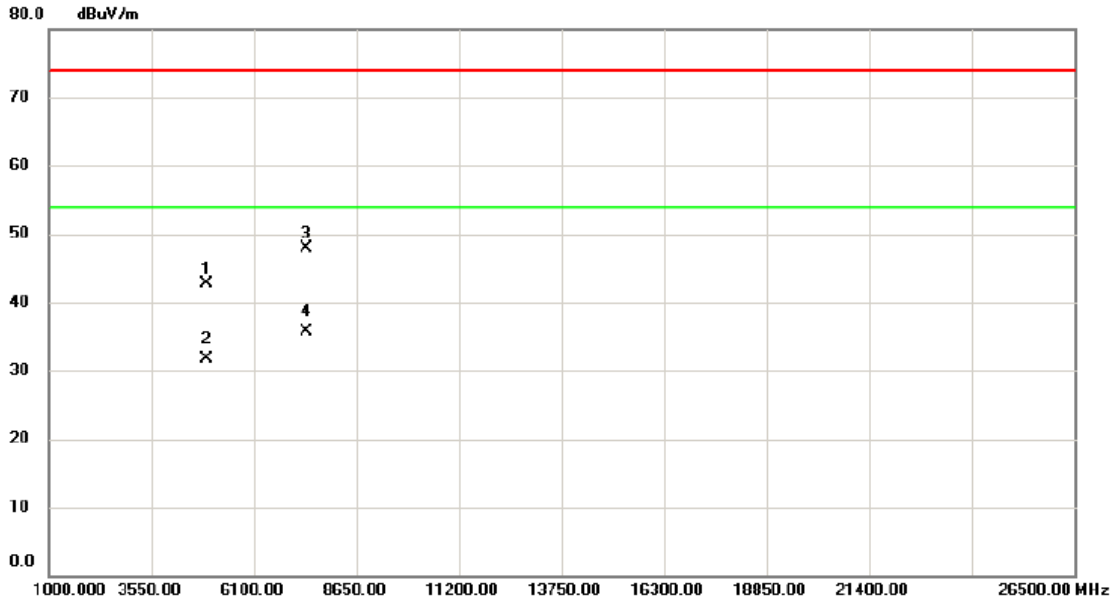
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	2473.700	90.40	9.45	99.85	74.00	25.85	peak	No Limit
2	*	2473.700	82.27	9.45	91.72	54.00	37.72	AVG	No Limit
3		2483.500	43.82	9.49	53.31	74.00	-20.69	peak	
4		2483.500	33.55	9.49	43.04	54.00	-10.96	AVG	

Orthogonal Axis:	X
Test Mode:	TX G MODE 2467MHz_ANT1

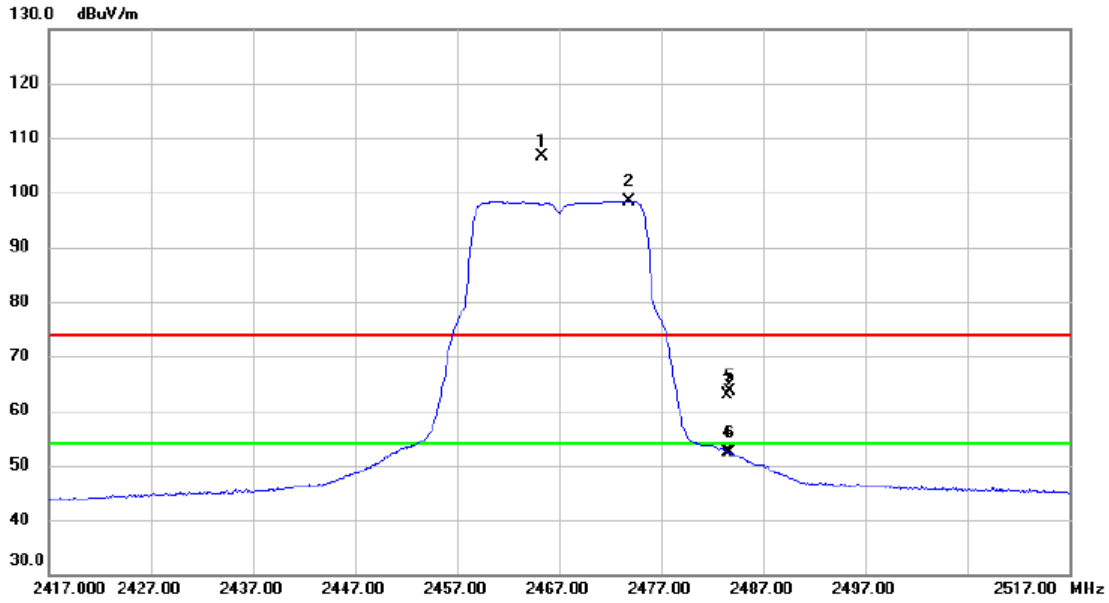
**Vertical**



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		4932.230	35.69	7.05	42.74	74.00	-31.26	peak	
2		4935.505	24.57	7.06	31.63	54.00	-22.37	AVG	
3		7400.860	34.66	13.28	47.94	74.00	-26.06	peak	
4	*	7402.225	22.45	13.28	35.73	54.00	-18.27	AVG	

Orthogonal Axis:	X
Test Mode:	TX G MODE 2467MHz_ANT1

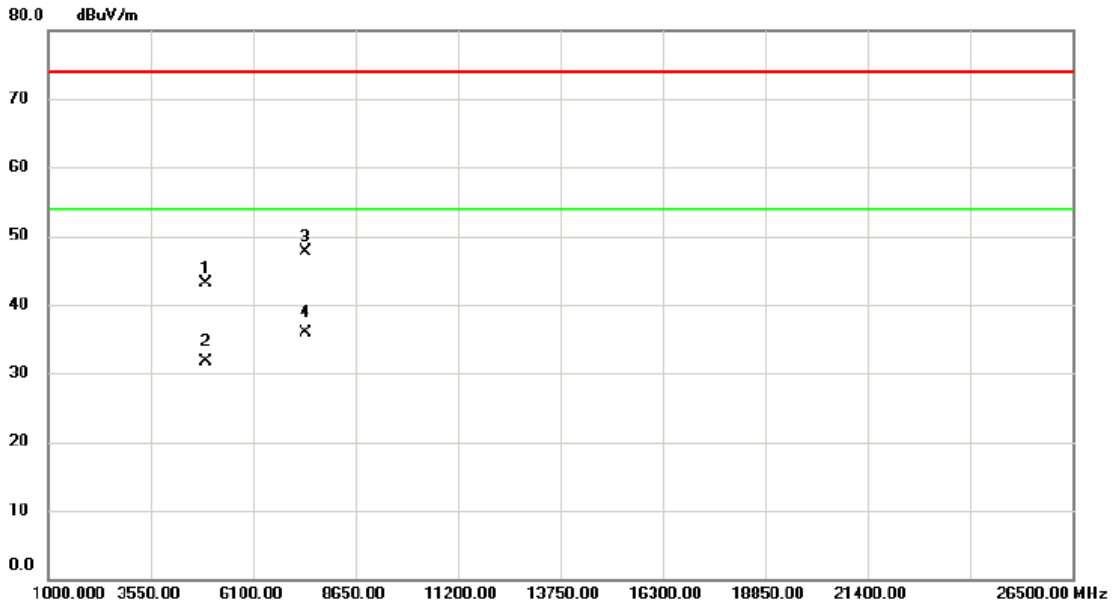
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	2465.300	97.31	9.42	106.73	74.00	32.73	peak	No Limit
2	*	2473.800	88.98	9.45	98.43	54.00	44.43	AVG	No Limit
3		2483.500	53.43	9.49	62.92	74.00	-11.08	peak	
4		2483.500	43.01	9.49	52.50	54.00	-1.50	AVG	
5		2483.700	54.12	9.49	63.61	74.00	-10.39	peak	
6		2483.700	42.86	9.49	52.35	54.00	-1.65	AVG	

Orthogonal Axis:	X
Test Mode:	TX G MODE 2467MHz_ANT1

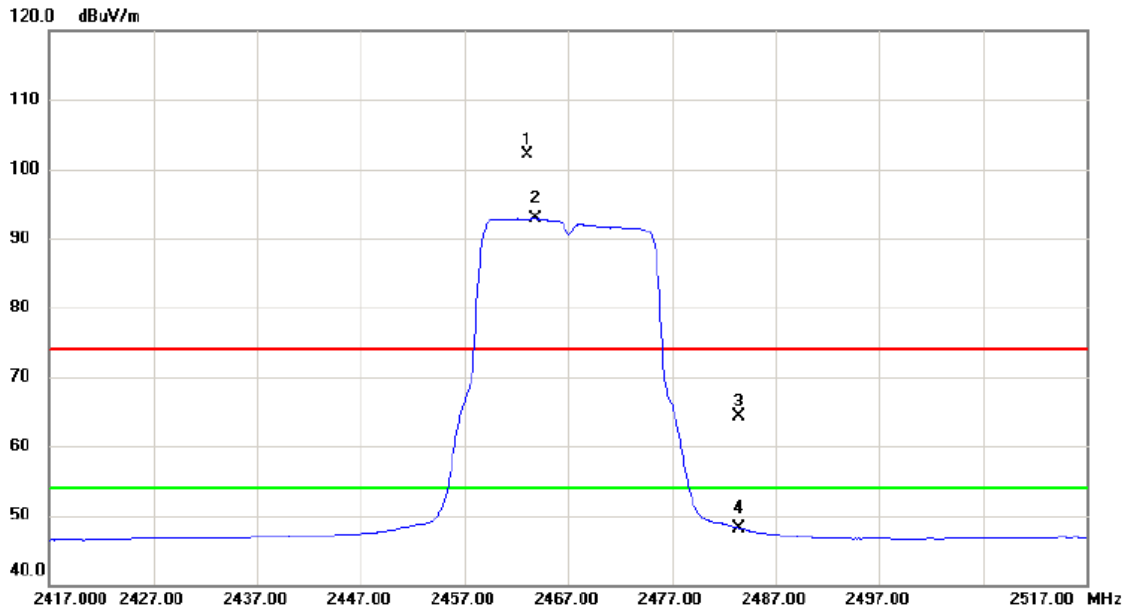
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		4932.775	36.03	7.05	43.08	74.00	-30.92	peak	
2		4932.990	24.64	7.05	31.69	54.00	-22.31	AVG	
3		7402.325	34.38	13.28	47.66	74.00	-26.34	peak	
4	*	7402.605	22.59	13.28	35.87	54.00	-18.13	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2467MHz _ANT2

**Vertical**



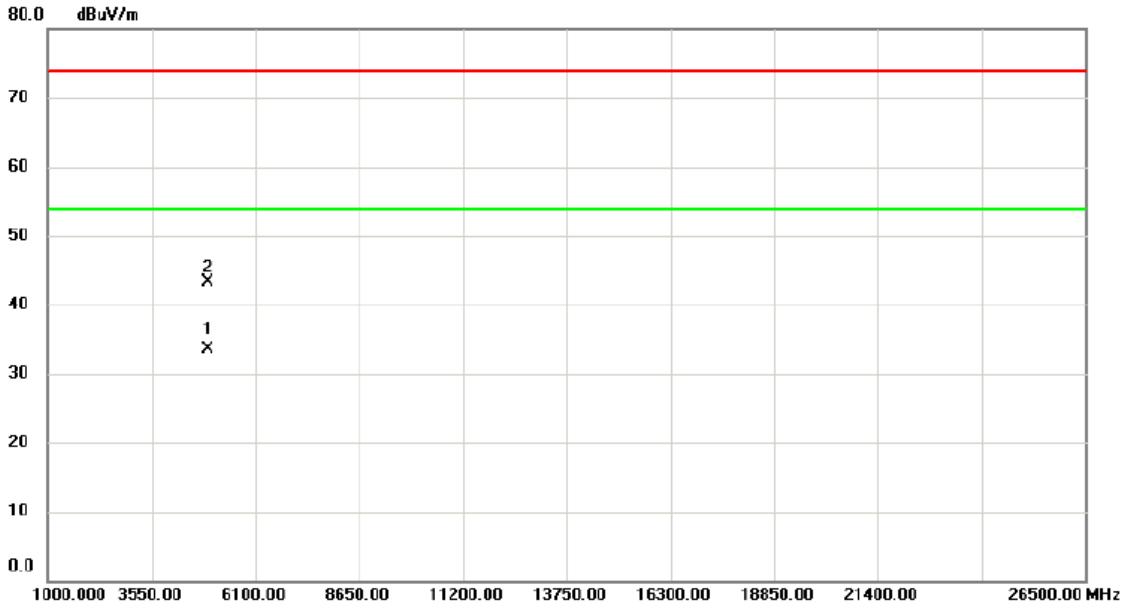
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	2463.100	69.04	33.07	102.11	74.00	28.11	peak	No Limit
2	*	2463.800	59.76	33.07	92.83	54.00	38.83	AVG	No Limit
3		2483.500	31.05	33.15	64.20	74.00	-9.80	peak	
4		2483.500	15.00	33.15	48.15	54.00	-5.85	AVG	

Remark: This test data is from original report BTL-FCCP-3-1602C038.



Orthogonal Axis :	X
Test Mode :	TX G MODE 2467MHz _ANT2

**Vertical**

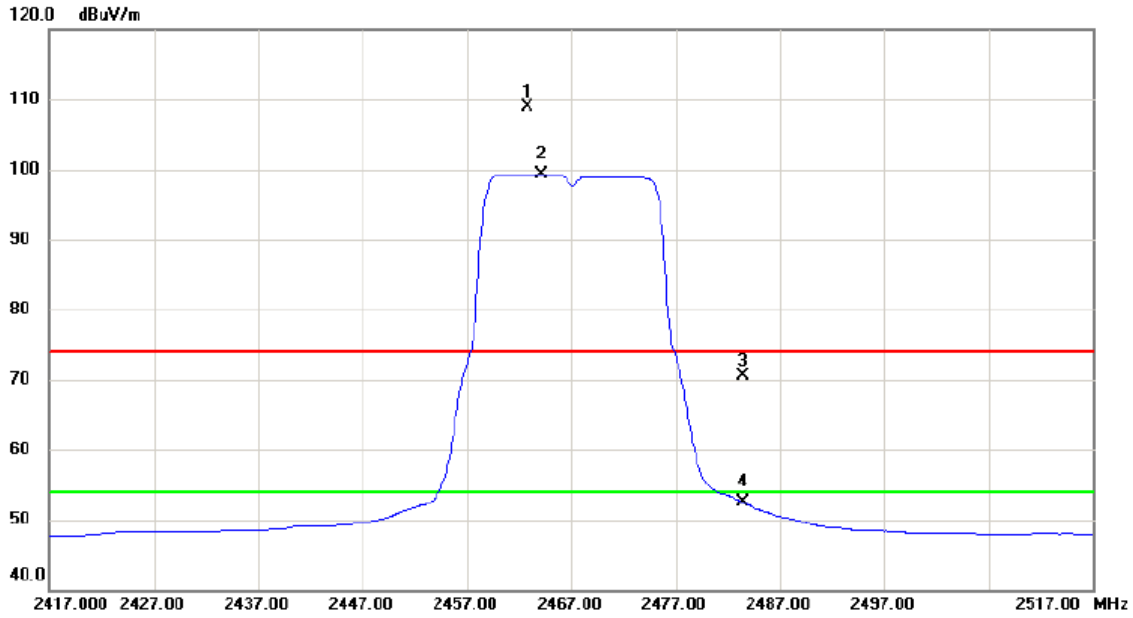


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	4923.780	28.41	5.08	33.49	54.00	-20.51	AVG	
2		4924.140	38.21	5.08	43.29	74.00	-30.71	peak	

Remark: This test data is from original report BTL-FCCP-3-1602C038.

Orthogonal Axis :	X
Test Mode :	TX G MODE 2467MHz_ANT2

### Horizontal

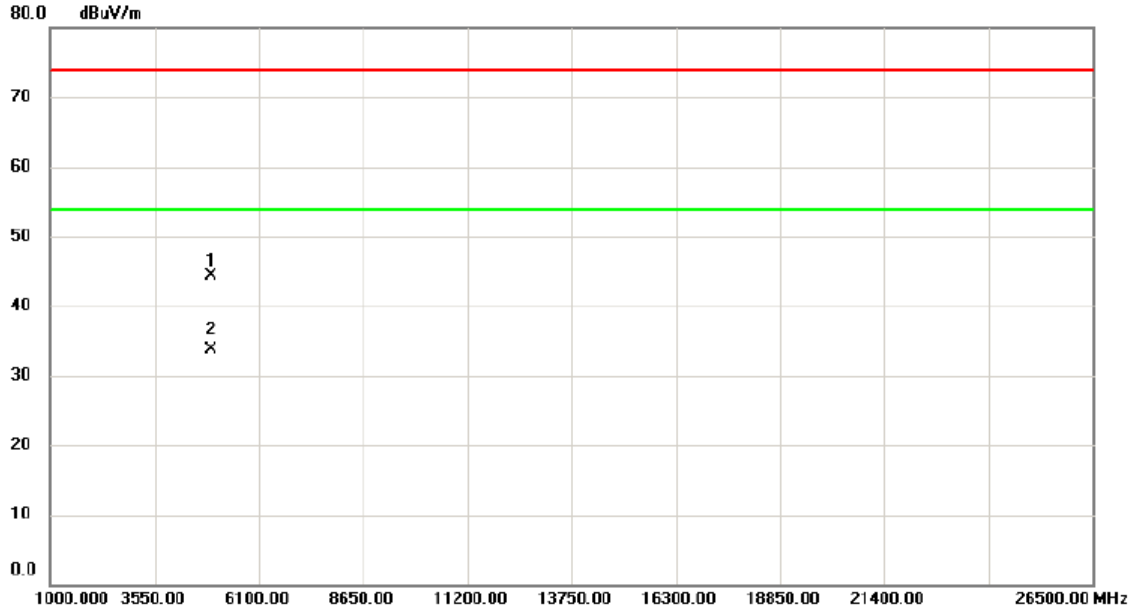


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	2462.800	75.85	33.07	108.92	74.00	34.92	peak	No Limit
2	*	2464.100	66.27	33.08	99.35	54.00	45.35	AVG	No Limit
3		2483.500	37.31	33.15	70.46	74.00	-3.54	peak	
4		2483.500	19.32	33.15	52.47	54.00	-1.53	AVG	

Remark: This test data is from original report BTL-FCCP-3-1602C038.

Orthogonal Axis :	X
Test Mode :	TX G MODE 2467MHz _ANT2

### Horizontal

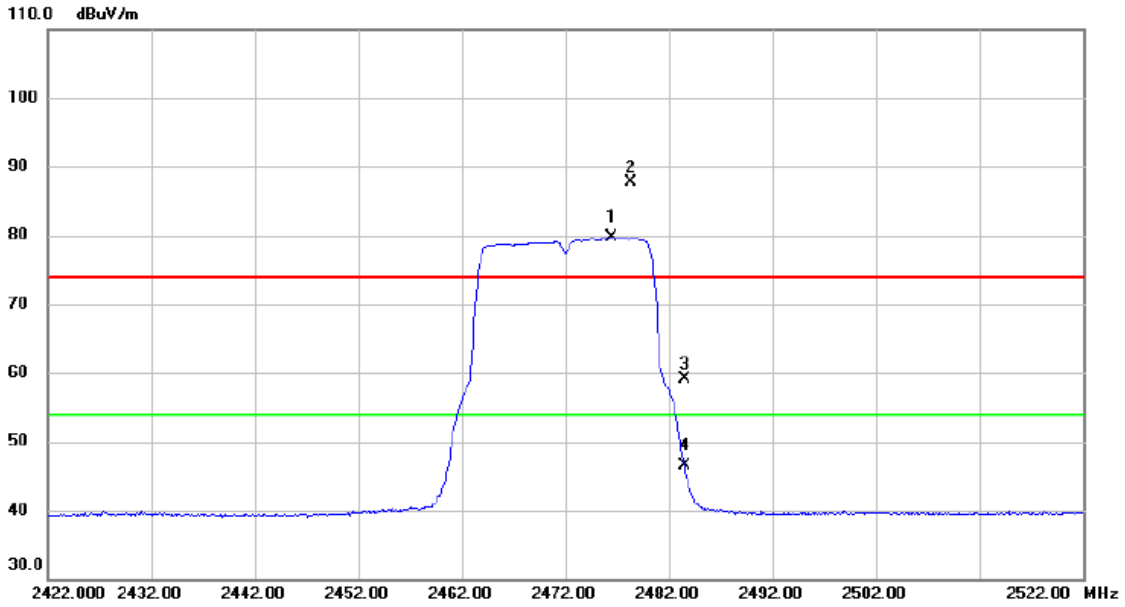


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		4933.800	39.27	5.11	44.38	74.00	-29.62	peak	
2	*	4934.330	28.60	5.13	33.73	54.00	-20.27	AVG	

Remark: This test data is from original report BTL-FCCP-3-1602C038.

Orthogonal Axis:	X
Test Mode:	TX G MODE 2472MHz_ANT1

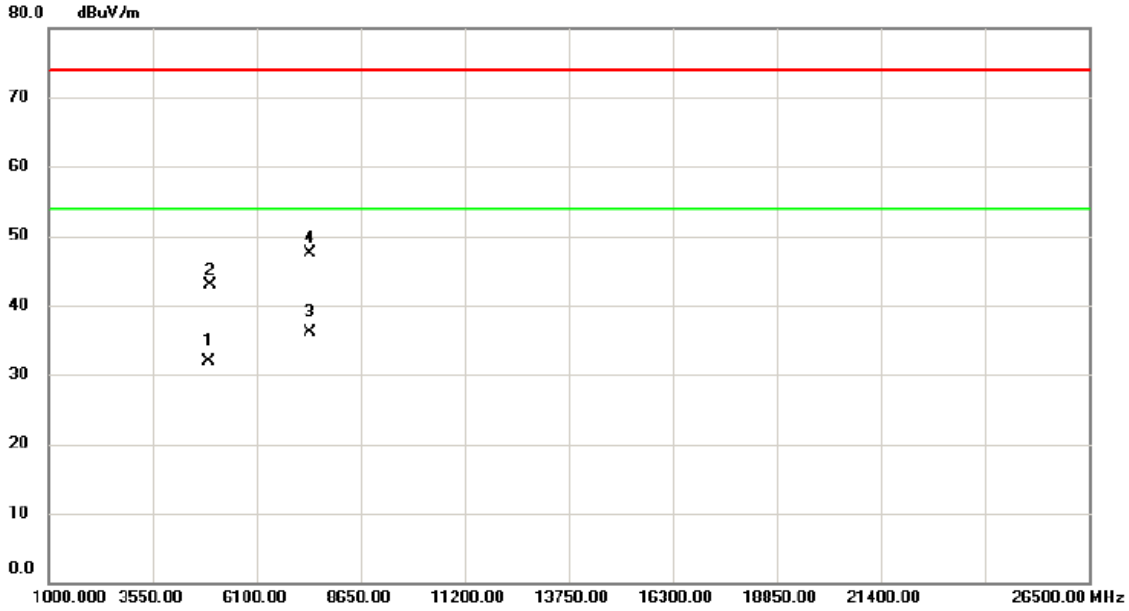
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	2476.500	70.16	9.46	79.62	54.00	25.62	AVG	No Limit
2	X	2478.300	78.32	9.46	87.78	74.00	13.78	peak	No Limit
3		2483.500	49.58	9.49	59.07	74.00	-14.93	peak	
4		2483.500	37.06	9.49	46.55	54.00	-7.45	AVG	

Orthogonal Axis:	X
Test Mode:	TX G MODE 2472MHz_ANT1

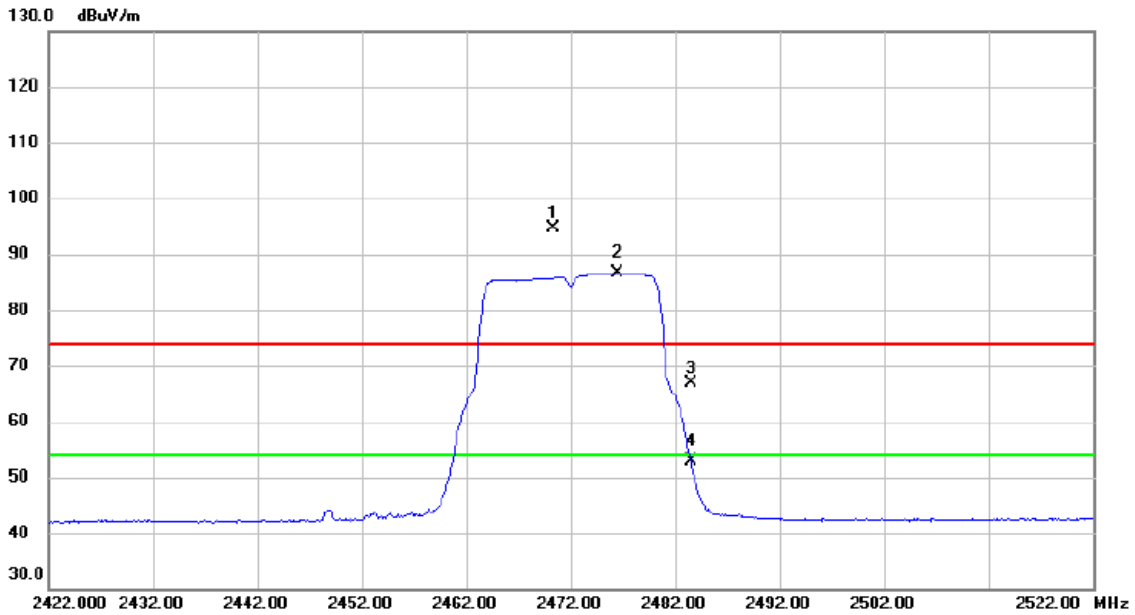
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		4943.930	24.77	7.09	31.86	54.00	-22.14	AVG	
2		4945.260	35.91	7.09	43.00	74.00	-31.00	peak	
3	*	7417.115	22.84	13.29	36.13	54.00	-17.87	AVG	
4		7417.170	34.28	13.29	47.57	74.00	-26.43	peak	

Orthogonal Axis:	X
Test Mode:	TX G MODE 2472MHz_ANT1

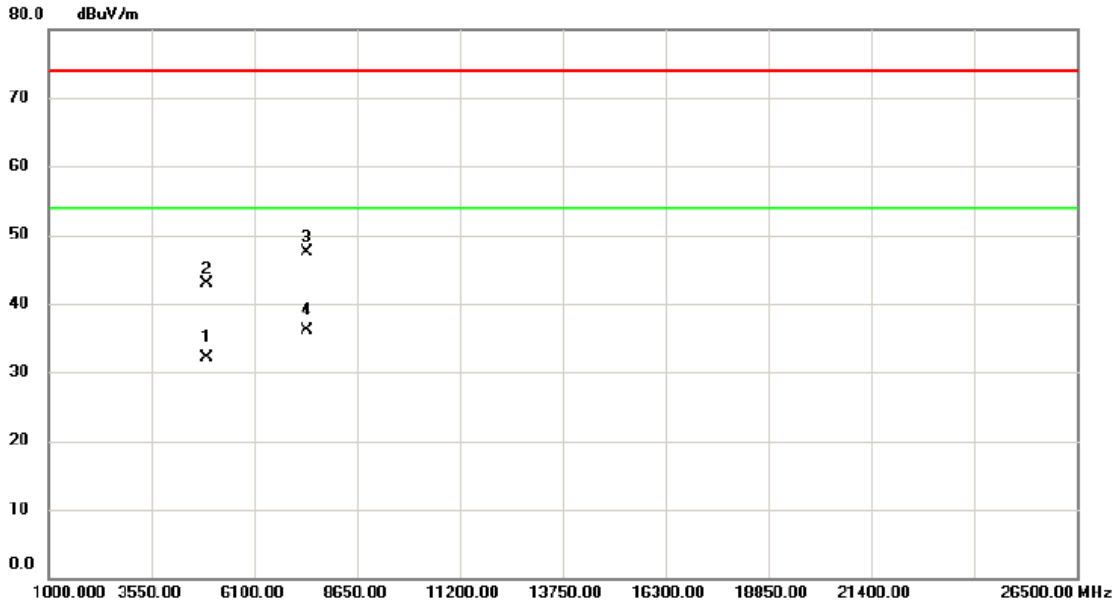
**Horizontal**



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	2470.300	85.18	9.44	94.62	74.00	20.62	peak	No Limit
2	*	2476.500	77.10	9.46	86.56	54.00	32.56	AVG	No Limit
3		2483.500	57.48	9.49	66.97	74.00	-7.03	peak	
4		2483.500	43.36	9.49	52.85	54.00	-1.15	AVG	

Orthogonal Axis:	X
Test Mode:	TX G MODE 2472MHz_ANT1

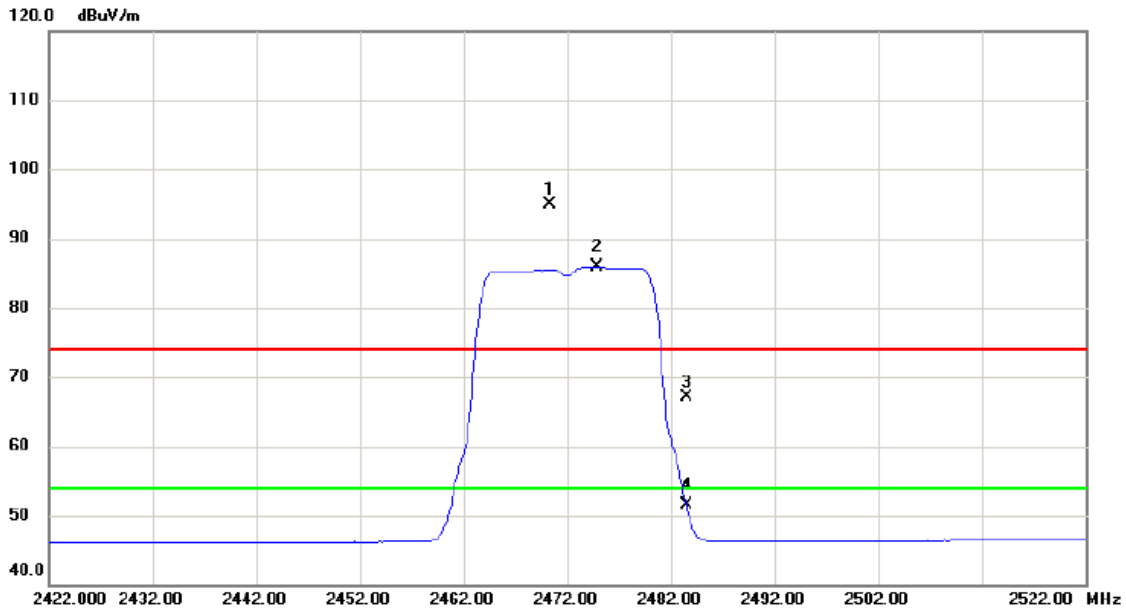
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		4942.490	24.93	7.09	32.02	54.00	-21.98	AVG	
2		4942.805	35.77	7.09	42.86	74.00	-31.14	peak	
3		7413.520	34.12	13.29	47.41	74.00	-26.59	peak	
4	*	7418.360	22.82	13.29	36.11	54.00	-17.89	AVG	

Orthogonal Axis :	X
Test Mode :	TX G MODE 2472MHz_ANT2

**Vertical**



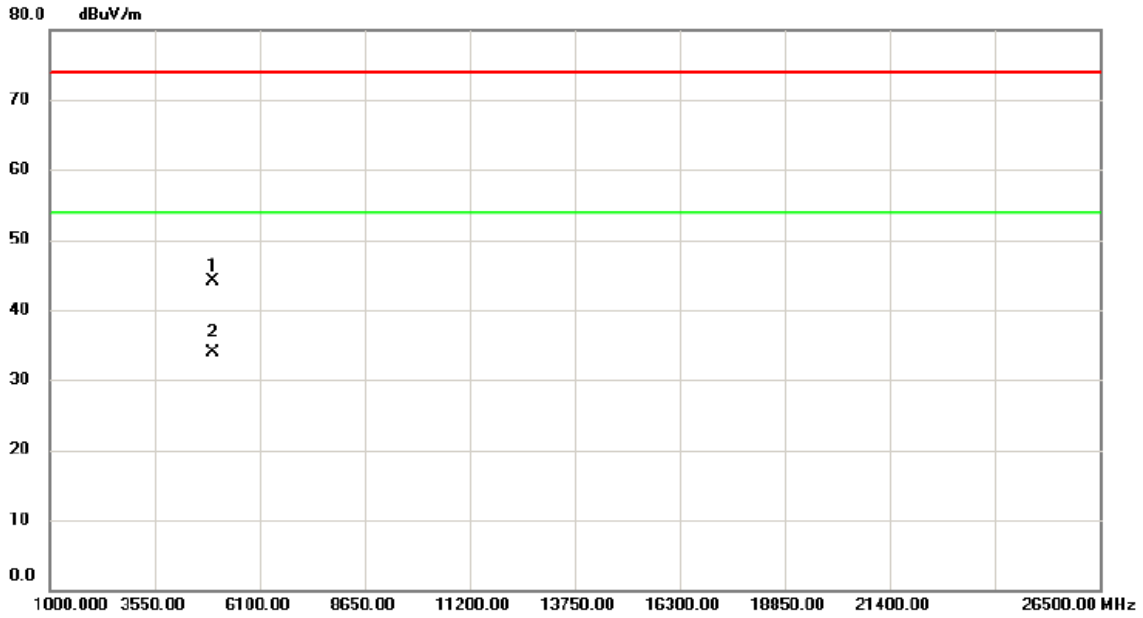
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	2470.300	61.89	33.09	94.98	74.00	20.98	peak	No Limit
2	*	2474.800	52.76	33.12	85.88	54.00	31.88	AVG	No Limit
3		2483.500	34.04	33.15	67.19	74.00	-6.81	peak	
4		2483.500	18.32	33.15	51.47	54.00	-2.53	AVG	

Remark: This test data is from original report BTL-FCCP-3-1602C038.



Orthogonal Axis :	X
Test Mode :	TX G MODE 2472MHz_ANT2

**Vertical**

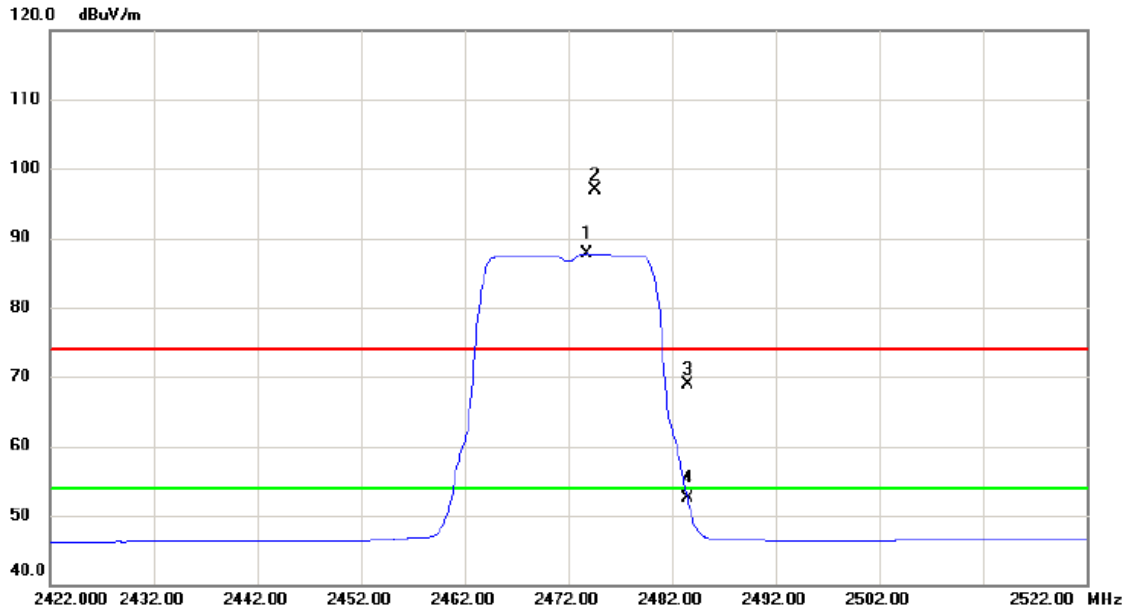


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		4944.050	38.99	5.16	44.15	74.00	-29.85	peak	
2	*	4944.270	28.78	5.16	33.94	54.00	-20.06	AVG	

Remark: This test data is from original report BTL-FCCP-3-1602C038.

Orthogonal Axis :	X
Test Mode :	TX G MODE 2472MHz_ANT2

### Horizontal

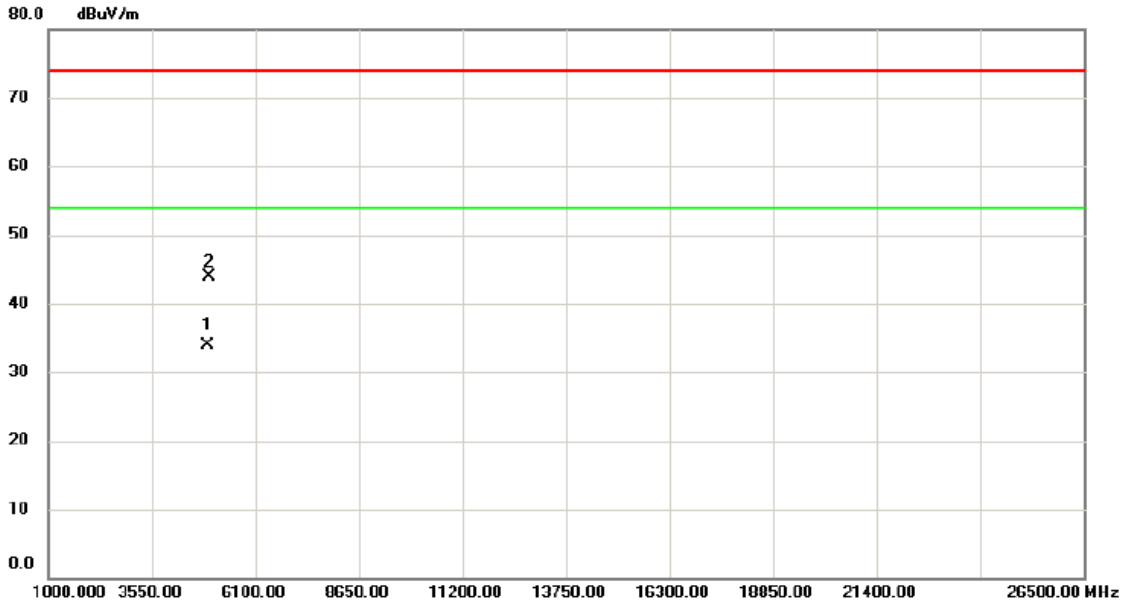


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	2473.800	54.68	33.12	87.80	54.00	33.80	AVG	No Limit
2	X	2474.600	63.78	33.12	96.90	74.00	22.90	peak	No Limit
3		2483.500	35.80	33.15	68.95	74.00	-5.05	peak	
4		2483.500	19.41	33.15	52.56	54.00	-1.44	AVG	

Remark: This test data is from original report BTL-FCCP-3-1602C038.

Orthogonal Axis :	X
Test Mode :	TX G MODE 2472MHz_ANT2

**Horizontal**



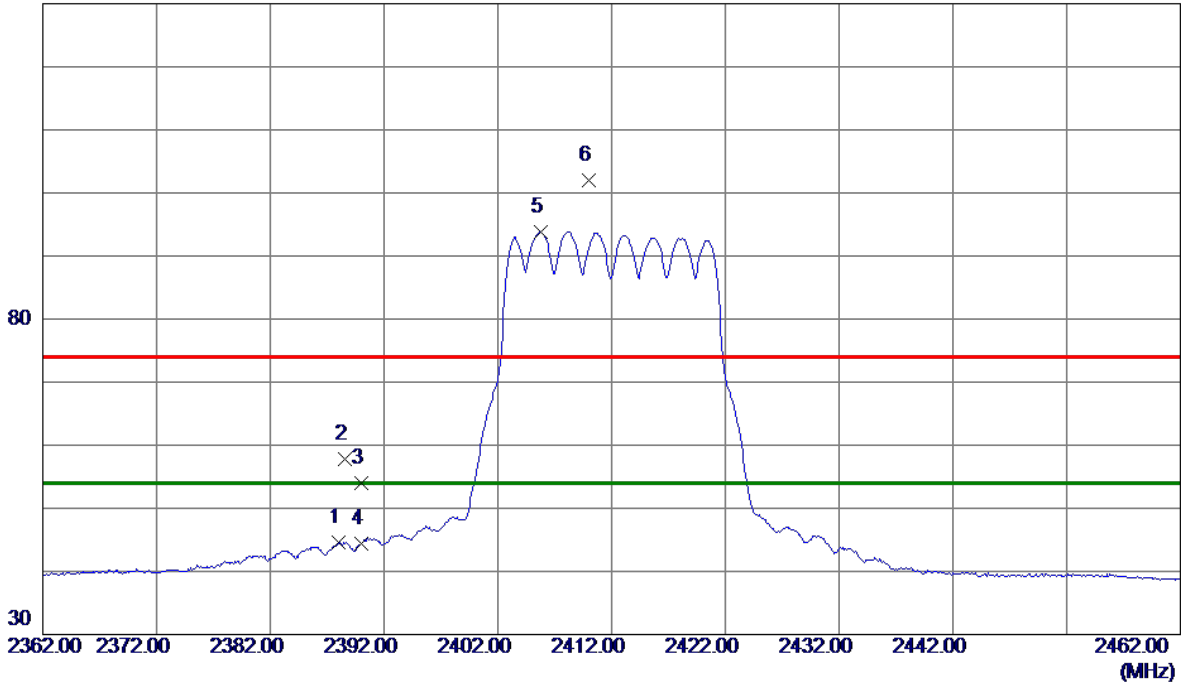
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	4943.920	28.75	5.16	33.91	54.00	-20.09	AVG	
2		4944.210	38.74	5.16	43.90	74.00	-30.10	peak	

Remark: This test data is from original report BTL-FCCP-3-1602C038.

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

**Vertical**

130 dBuV/m

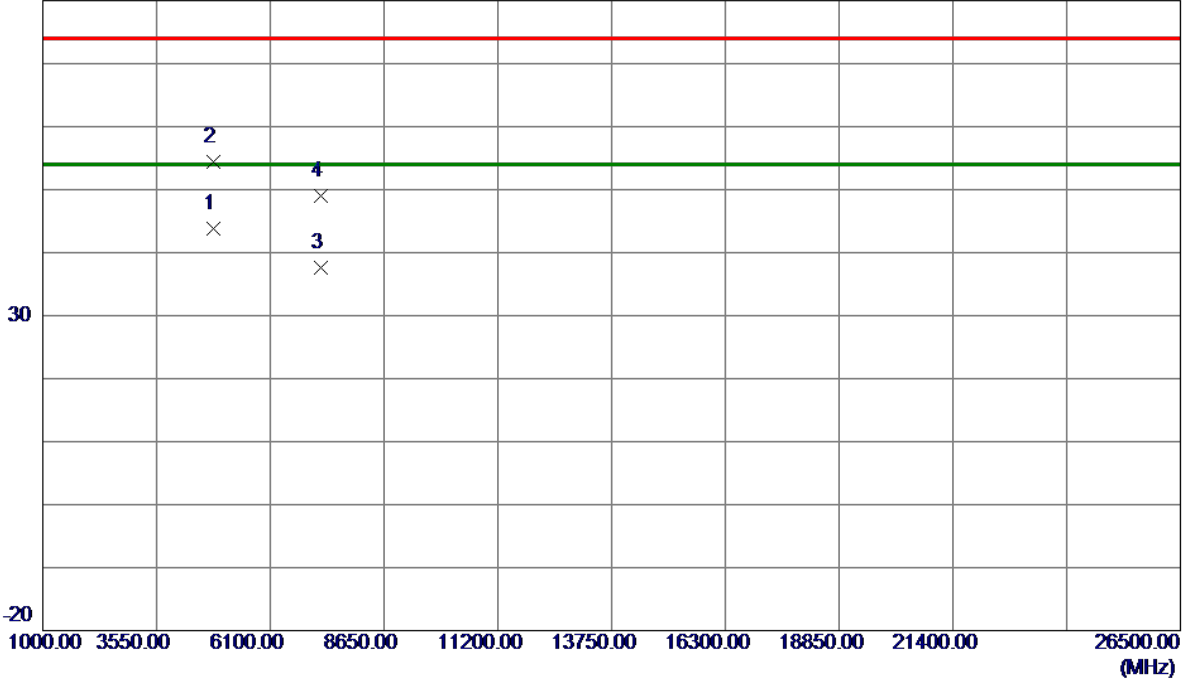


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2388.0000	35.49	9.13	44.62	54.00	-9.38	AVG	
2	2388.6000	48.73	9.13	57.86	74.00	-16.14	Peak	
3	2390.0000	44.92	9.14	54.06	74.00	-19.94	Peak	
4	2390.0000	35.23	9.14	44.37	54.00	-9.63	AVG	
5 *	2405.8000	84.58	9.20	93.78	54.00	39.78	AVG	No Limit
6	2410.0000	92.79	9.21	102.00	74.00	28.00	Peak	No Limit

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

**Vertical**

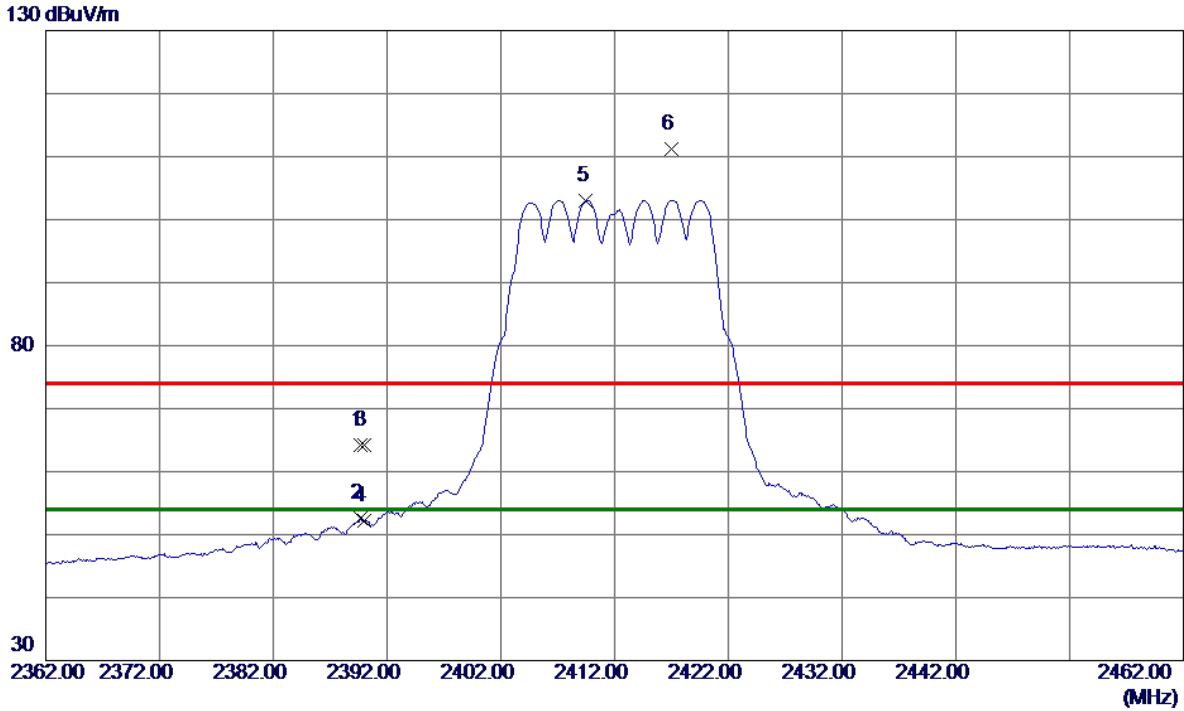
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4824.5000	37.23	6.66	43.89	54.00	-10.11	AVG	
2	4825.0500	47.74	6.66	54.40	74.00	-19.60	Peak	
3	7236.9500	24.45	13.16	37.61	54.00	-16.39	AVG	
4	7237.0000	35.88	13.16	49.04	74.00	-24.96	Peak	

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

**Horizontal**

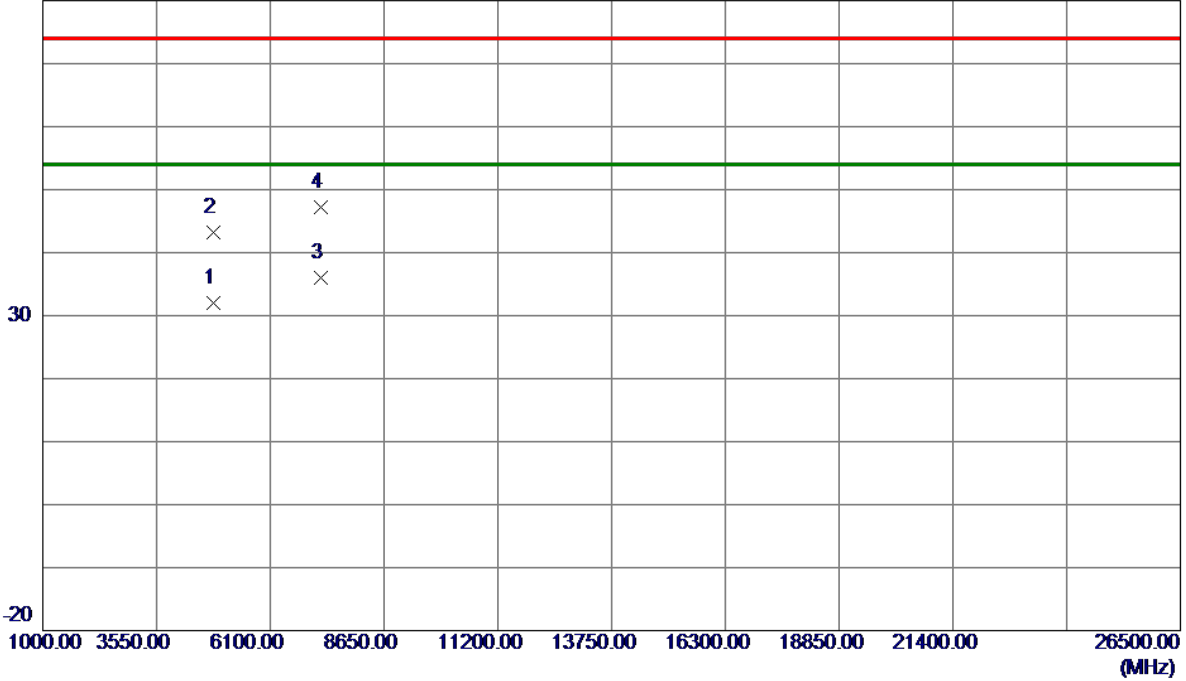


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2389.7000	55.05	9.14	64.19	74.00	-9.81	Peak	
2	2389.7000	43.40	9.14	52.54	54.00	-1.46	AVG	
3	2390.0000	55.10	9.14	64.24	74.00	-9.76	Peak	
4	2390.0000	43.00	9.14	52.14	54.00	-1.86	AVG	
5 *	2409.5000	93.88	9.21	103.09	54.00	49.09	AVG	No Limit
6	2417.0000	101.98	9.24	111.22	74.00	37.22	Peak	No Limit

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

**Horizontal**

80 dBuV/m

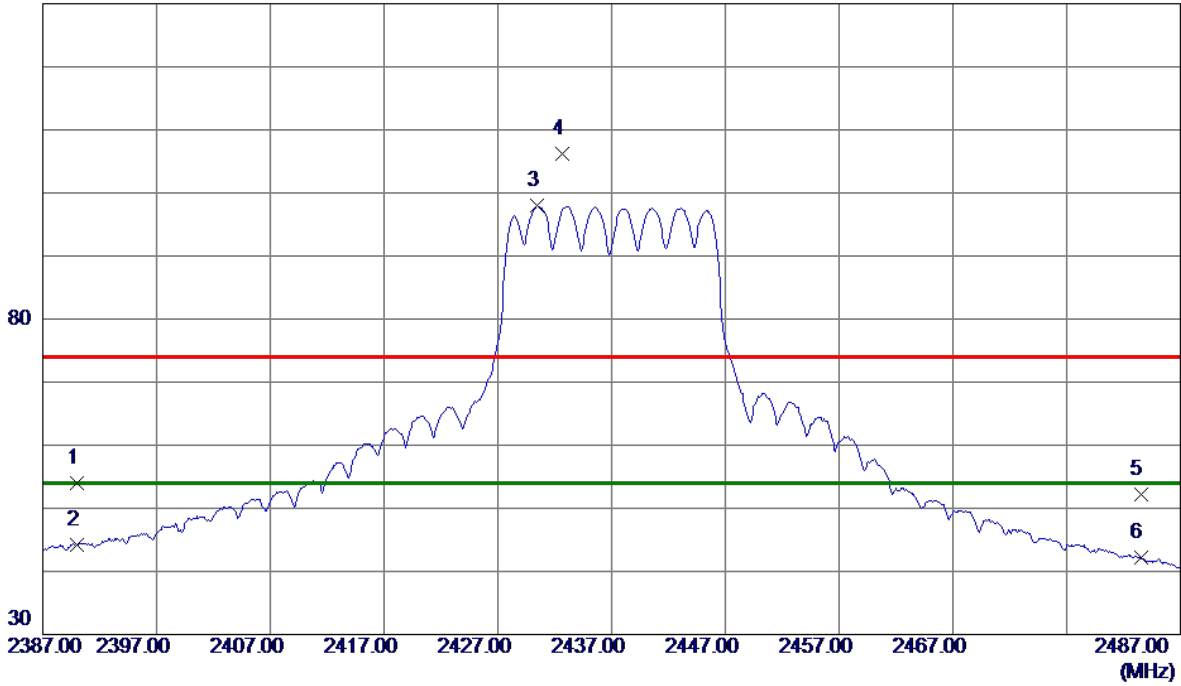


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4824.2960	25.41	6.66	32.07	54.00	-21.93	AVG	
2	4824.6300	36.48	6.66	43.14	74.00	-30.86	Peak	
3 *	7235.6660	22.86	13.16	36.02	54.00	-17.98	AVG	
4	7235.8340	34.12	13.16	47.28	74.00	-26.72	Peak	

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

**Vertical**

130 dBuV/m



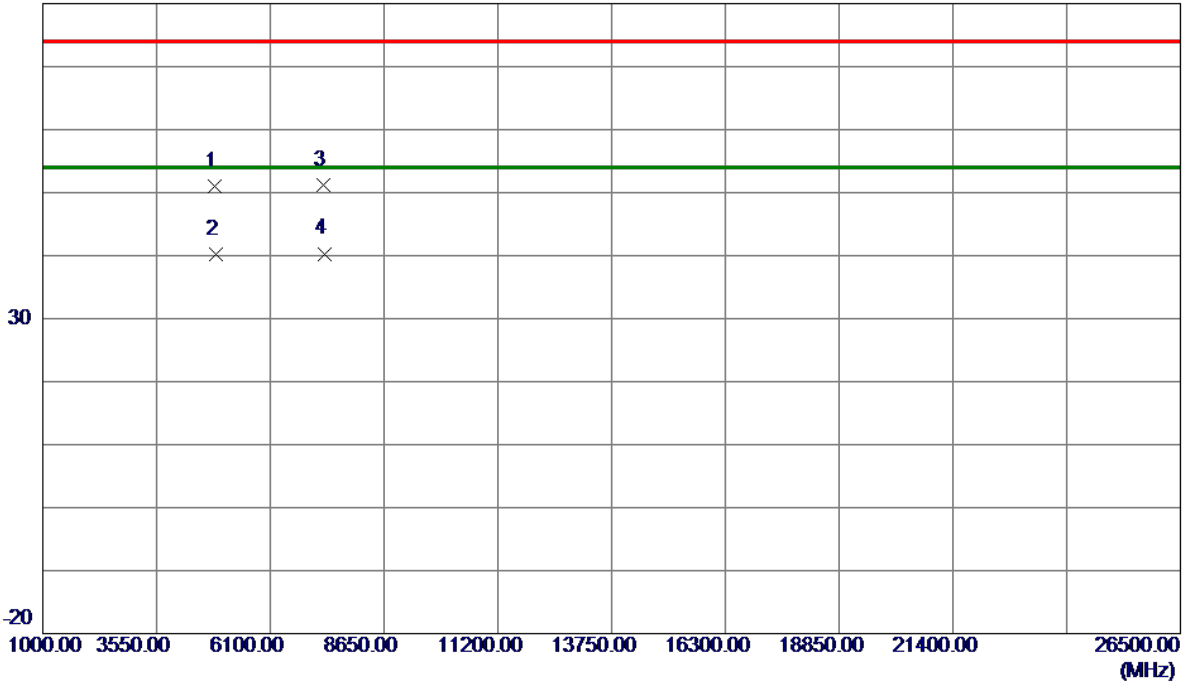
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	44.95	9.14	54.09	74.00	-19.91	Peak	
2	2390.0000	35.08	9.14	44.22	54.00	-9.78	AVG	
3 *	2430.4000	88.63	9.29	97.92	54.00	43.92	AVG	No Limit
4	2432.7000	96.95	9.30	106.25	74.00	32.25	Peak	No Limit
5	2483.5000	42.72	9.48	52.20	74.00	-21.80	Peak	
6	2483.5000	32.80	9.48	42.28	54.00	-11.72	AVG	



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

**Vertical**

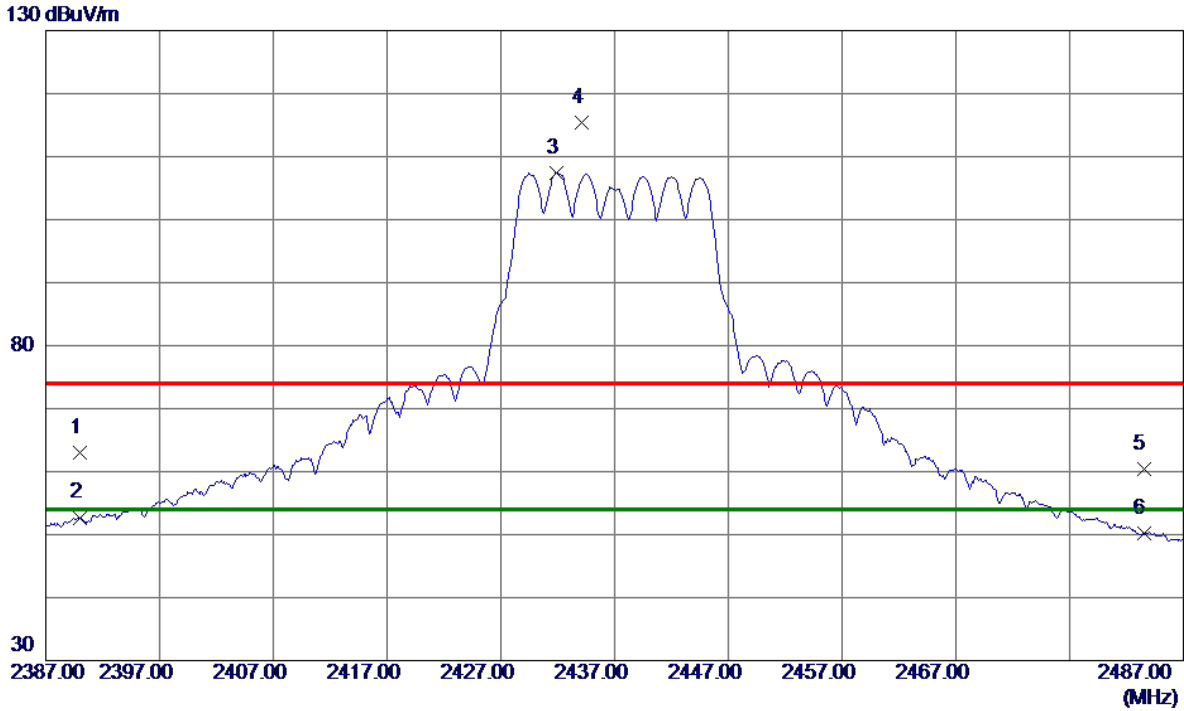
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4864.4000	44.16	6.80	50.96	74.00	-23.04	Peak	
2	4874.3000	33.35	6.84	40.19	54.00	-13.81	AVG	
3	7300.0000	38.03	13.21	51.24	74.00	-22.76	Peak	
4 *	7310.5000	27.09	13.21	40.30	54.00	-13.70	AVG	

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

**Horizontal**

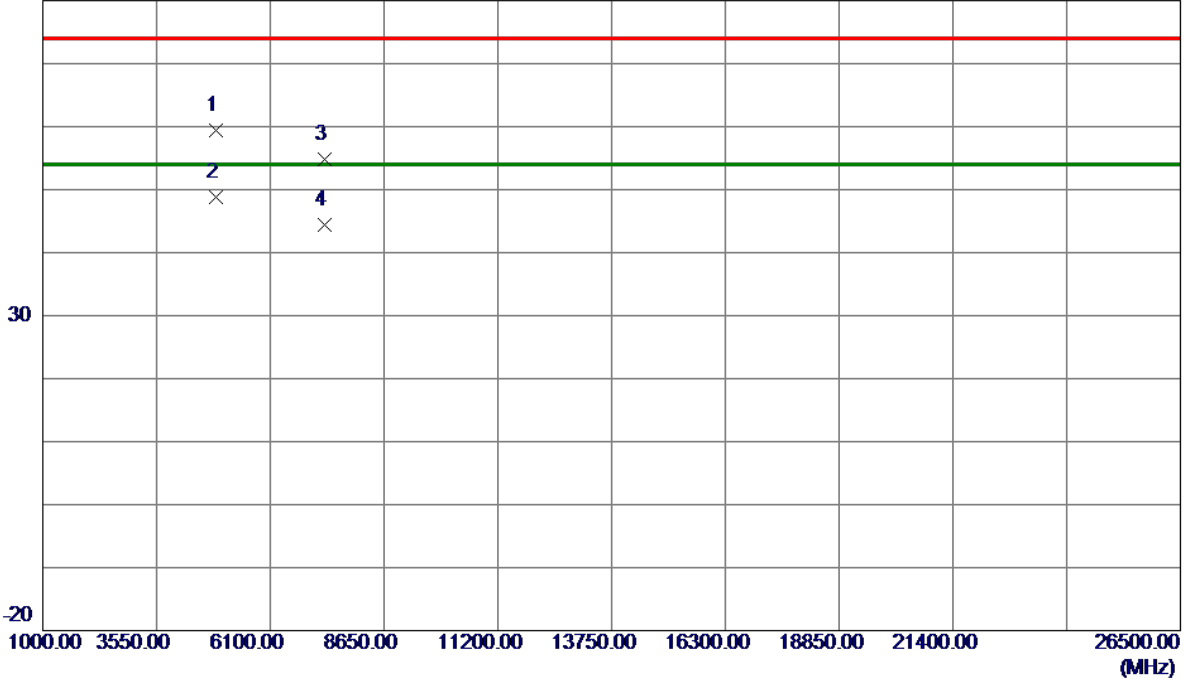


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	53.89	9.14	63.03	74.00	-10.97	Peak	
2	2390.0000	43.56	9.14	52.70	54.00	-1.30	AVG	
3 *	2431.9000	98.12	9.29	107.41	54.00	53.41	AVG	No Limit
4	2434.1000	106.09	9.30	115.39	74.00	41.39	Peak	No Limit
5	2483.5000	51.00	9.48	60.48	74.00	-13.52	Peak	
6	2483.5000	40.72	9.48	50.20	54.00	-3.80	AVG	

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

**Horizontal**

80 dBuV/m

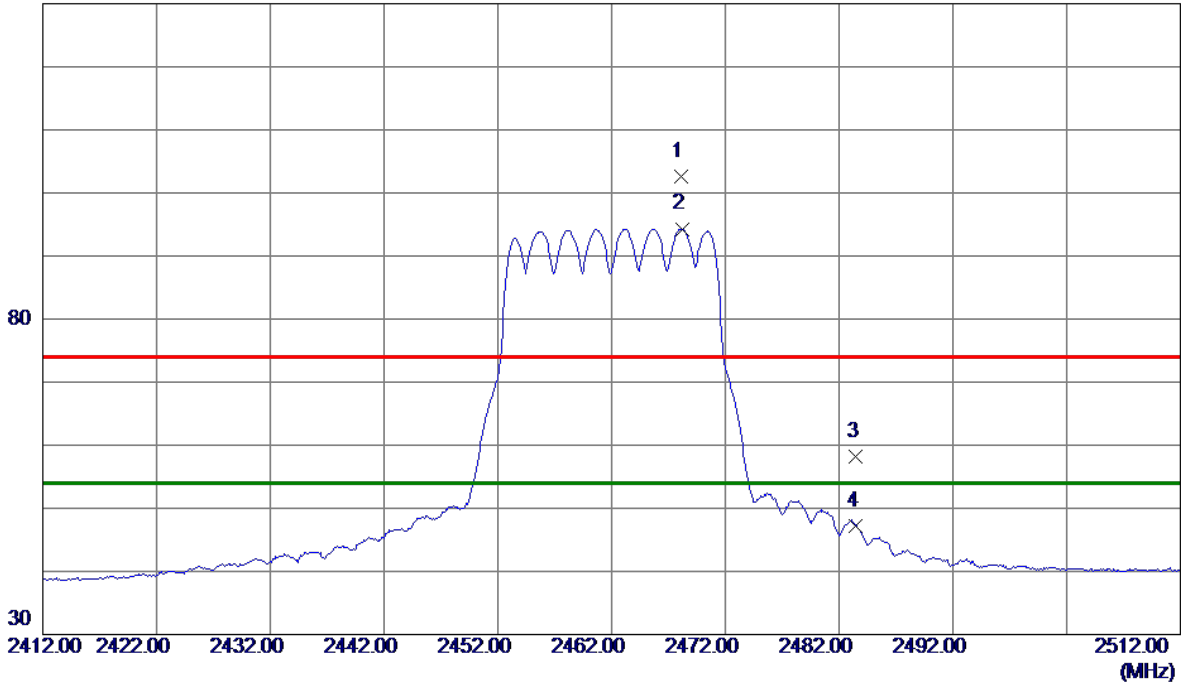


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4872.1000	52.55	6.83	59.38	74.00	-14.62	Peak	
2 *	4874.6000	41.95	6.84	48.79	54.00	-5.21	AVG	
3	7308.7000	41.50	13.21	54.71	74.00	-19.29	Peak	
4	7311.4000	31.20	13.21	44.41	54.00	-9.59	AVG	

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

**Vertical**

130 dBuV/m

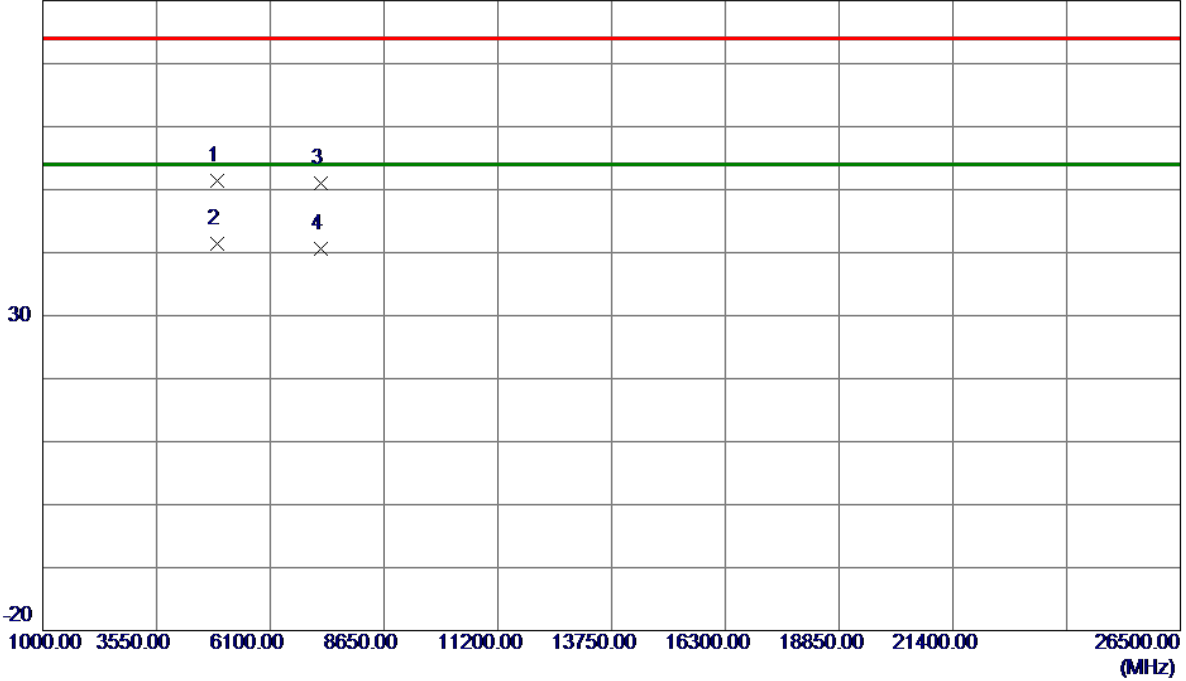


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2468.1000	93.19	9.43	102.62	74.00	28.62	Peak	No Limit
2 *	2468.2000	84.87	9.43	94.30	54.00	40.30	AVG	No Limit
3	2483.5000	48.65	9.48	58.13	74.00	-15.87	Peak	
4	2483.5000	37.64	9.48	47.12	54.00	-6.88	AVG	

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

**Vertical**

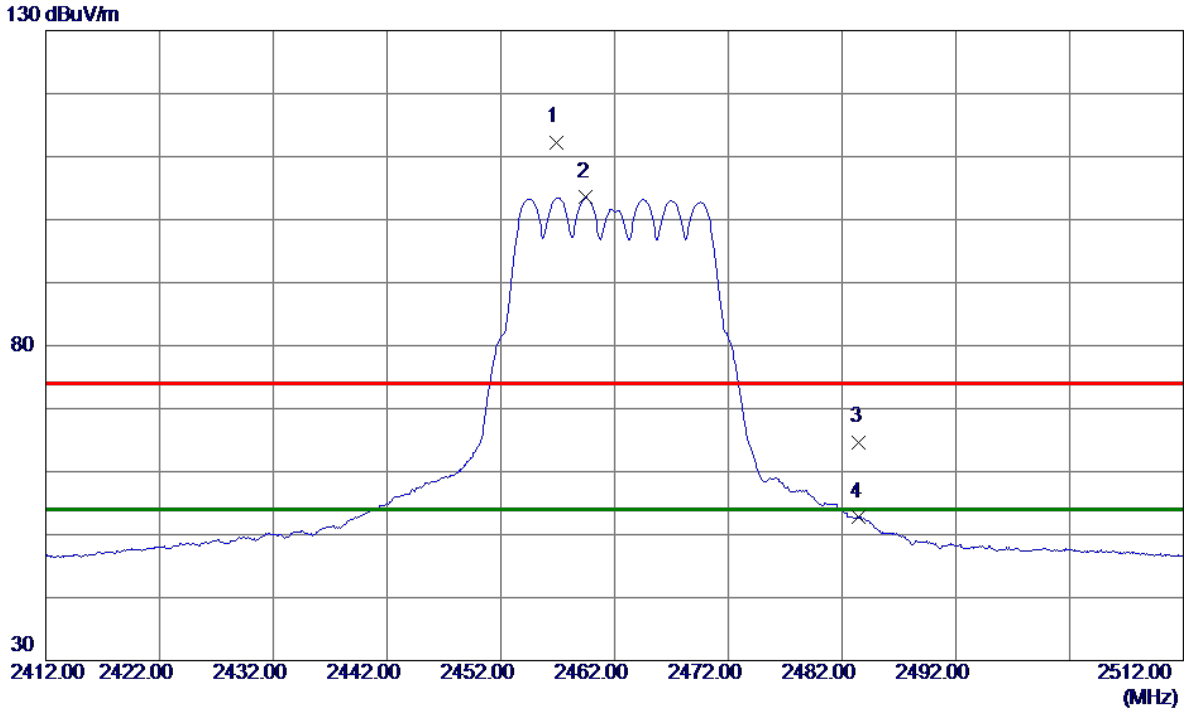
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4920.6500	44.31	7.00	51.31	74.00	-22.69	Peak	
2 *	4922.5000	34.47	7.01	41.48	54.00	-12.52	AVG	
3	7236.1500	37.78	13.16	50.94	74.00	-23.06	Peak	
4	7236.2500	27.37	13.16	40.53	54.00	-13.47	AVG	

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

**Horizontal**

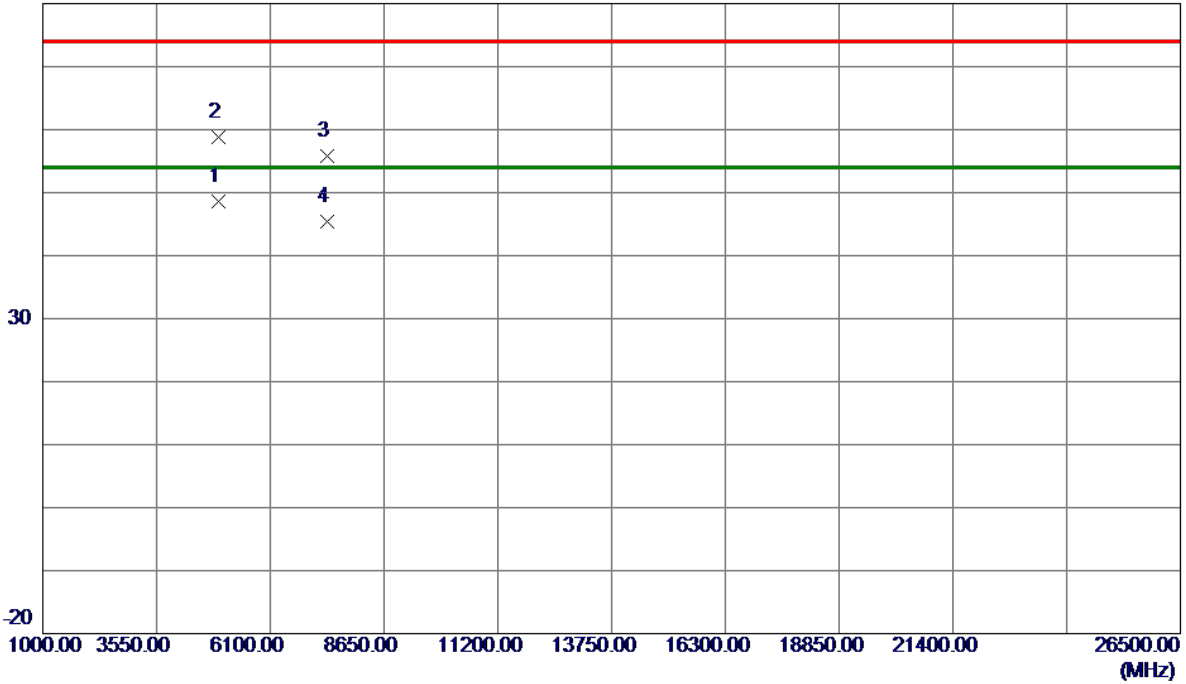


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2456.9000	102.91	9.39	112.30	74.00	38.30	Peak	No Limit
2 *	2459.5000	94.22	9.39	103.61	54.00	49.61	AVG	No Limit
3	2483.5000	55.22	9.48	64.70	74.00	-9.30	Peak	
4	2483.5000	43.36	9.48	52.84	54.00	-1.16	AVG	

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

**Horizontal**

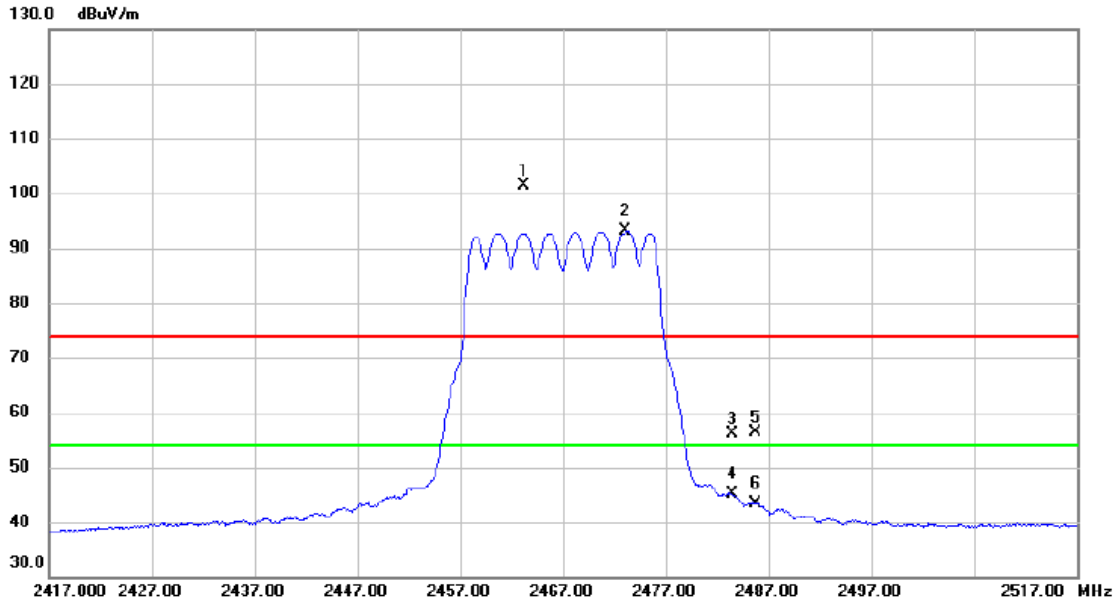
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4924.6500	41.57	7.02	48.59	54.00	-5.41	AVG	
2	4926.9500	51.71	7.03	58.74	74.00	-15.26	Peak	
3	7386.2000	42.62	13.27	55.89	74.00	-18.11	Peak	
4	7386.5000	32.09	13.27	45.36	54.00	-8.64	AVG	

Orthogonal Axis:	X
Test Mode:	TX N-20M MODE 2467MHz

### Vertical

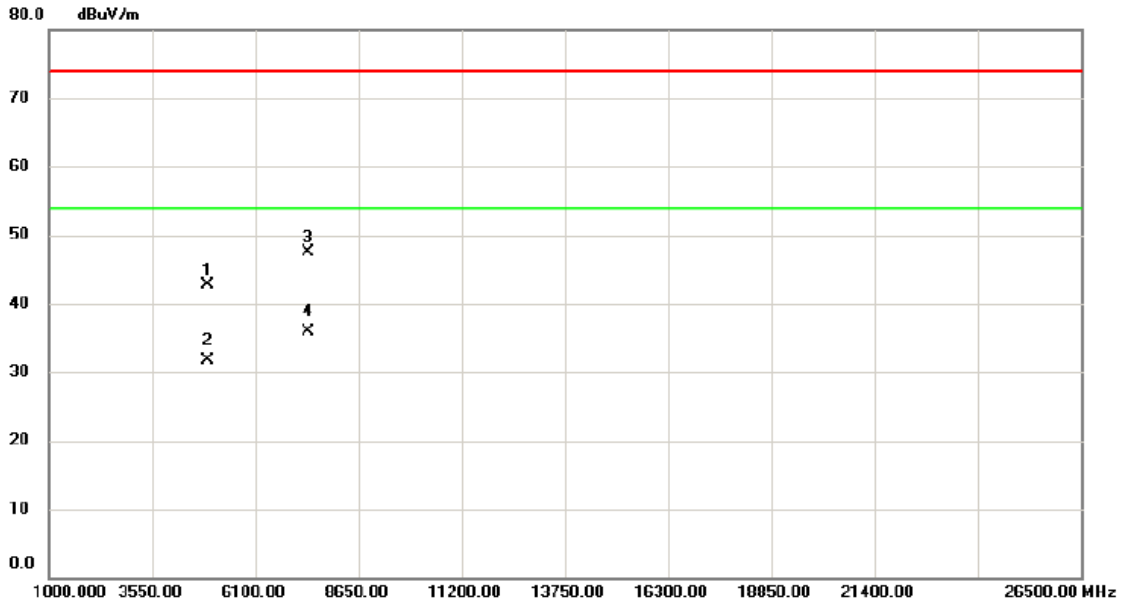


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	2463.200	92.01	9.41	101.42	74.00	27.42	peak	No Limit
2	*	2473.100	83.69	9.45	93.14	54.00	39.14	AVG	No Limit
3		2483.500	46.54	9.49	56.03	74.00	-17.97	peak	
4		2483.500	35.61	9.49	45.10	54.00	-8.90	AVG	
5		2485.700	46.96	9.49	56.45	74.00	-17.55	peak	
6		2485.700	33.87	9.49	43.36	54.00	-10.64	AVG	



Orthogonal Axis:	X
Test Mode:	TX N-20M MODE 2467MHz

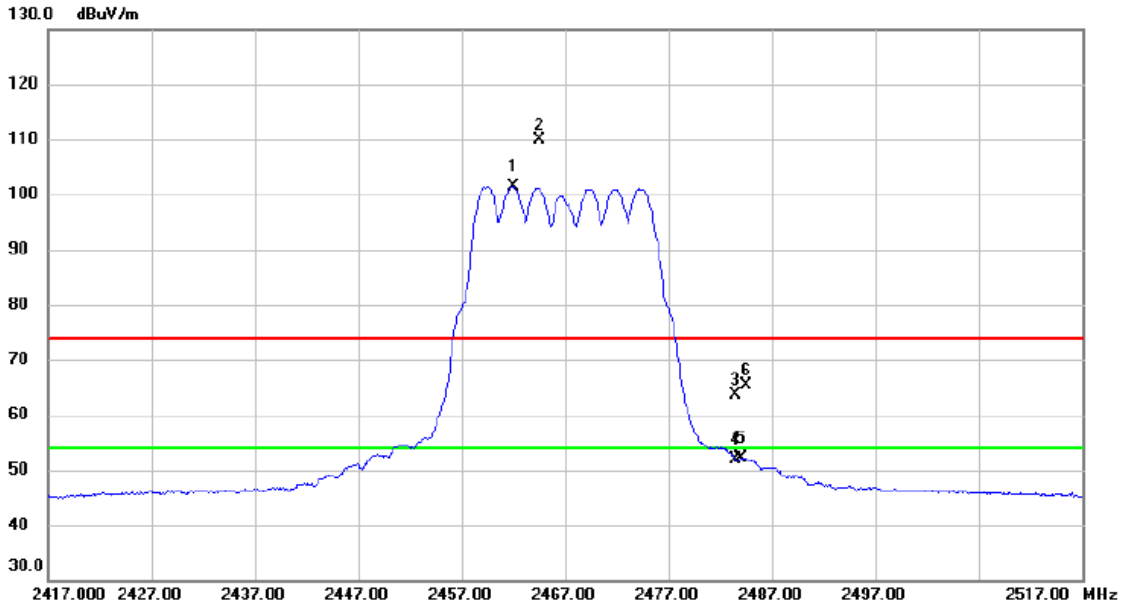
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		4933.015	35.72	7.05	42.77	74.00	-31.23	peak	
2		4933.845	24.62	7.05	31.67	54.00	-22.33	AVG	
3		7399.270	34.22	13.28	47.50	74.00	-26.50	peak	
4	*	7402.740	22.70	13.28	35.98	54.00	-18.02	AVG	

Orthogonal Axis:	X
Test Mode:	TX N-20M MODE 2467MHz

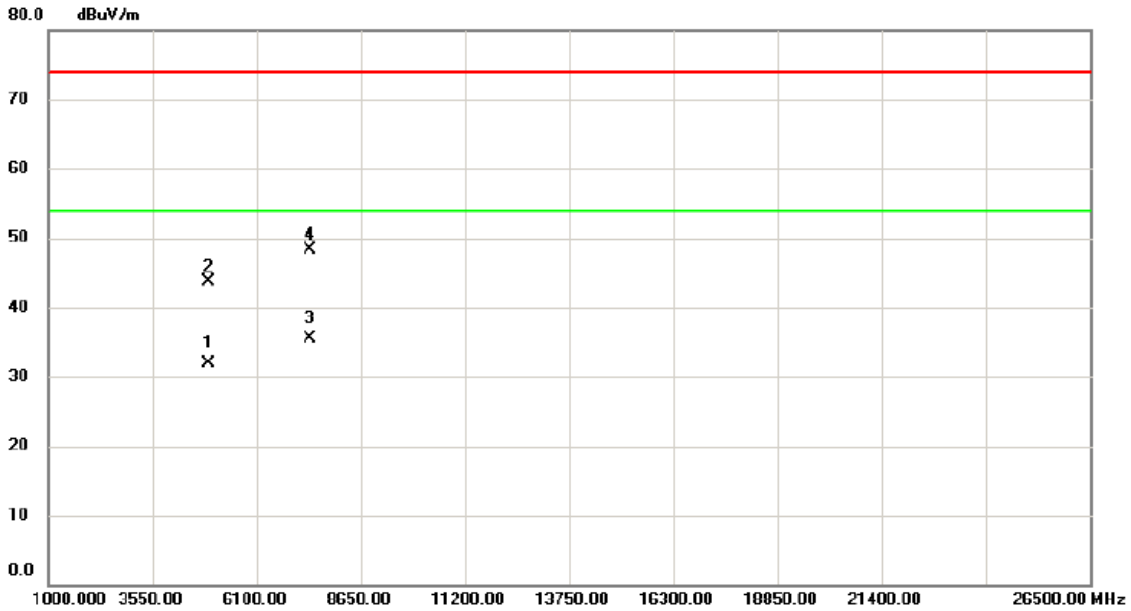
**Horizontal**



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	2462.000	92.07	9.41	101.48	54.00	47.48	AVG	No Limit
2	X	2464.600	100.4	9.42	109.83	74.00	35.83	peak	No Limit
3		2483.500	54.04	9.49	63.53	74.00	-10.47	peak	
4		2483.500	42.50	9.49	51.99	54.00	-2.01	AVG	
5		2484.000	42.70	9.49	52.19	54.00	-1.81	AVG	
6		2484.500	55.88	9.49	65.37	74.00	-8.63	peak	

Orthogonal Axis:	X
Test Mode:	TX N-20M MODE 2467MHz

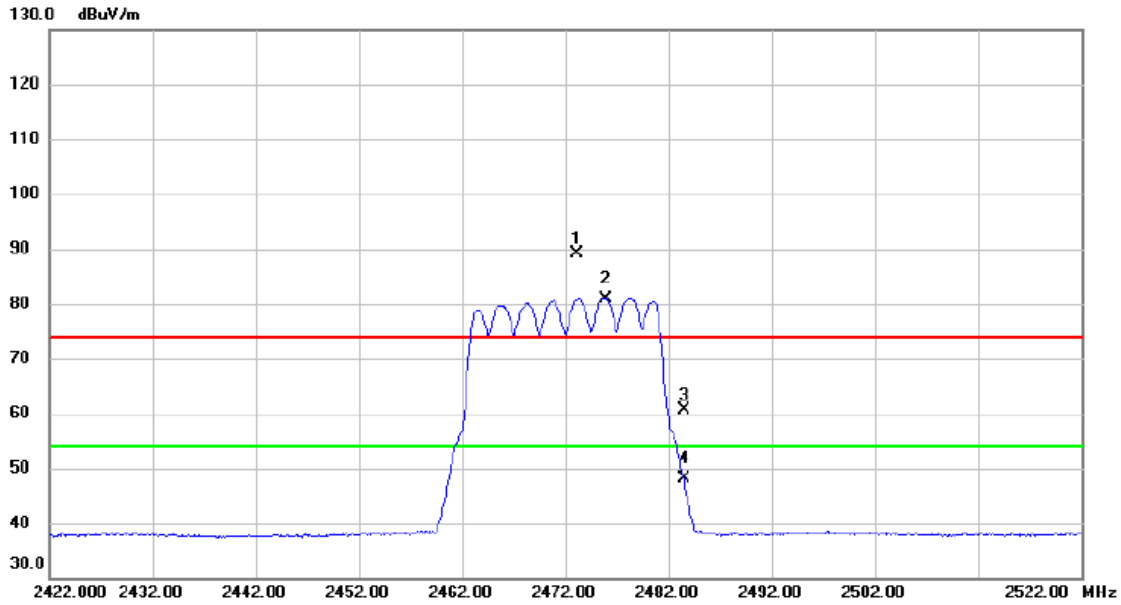
### Horizontal



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4934.035	24.81	7.05	31.86	54.00	-22.14	AVG	
2	4934.715	36.57	7.06	43.63	74.00	-30.37	peak	
3 *	7401.975	22.31	13.28	35.59	54.00	-18.41	AVG	
4	7403.485	35.03	13.28	48.31	74.00	-25.69	peak	

Orthogonal Axis:	X
Test Mode:	TX N-20M MODE 2472MHz

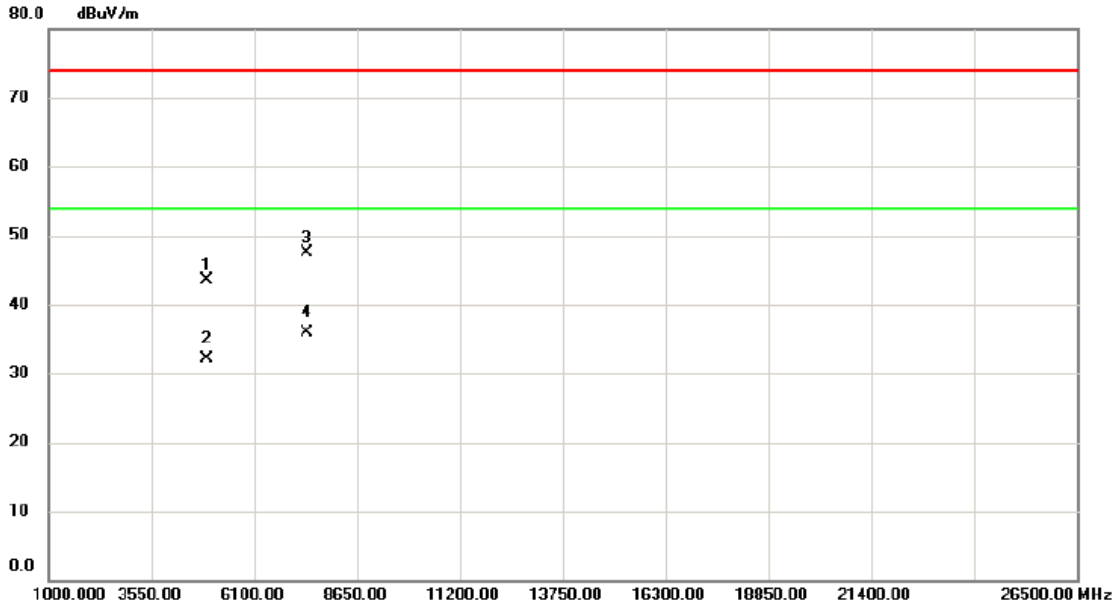
**Vertical**



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	2473.100	79.66	9.45	89.11	74.00	15.11	peak	No Limit
2	*	2475.900	71.54	9.46	81.00	54.00	27.00	AVG	No Limit
3		2483.500	51.21	9.49	60.70	74.00	-13.30	peak	
4		2483.500	38.56	9.49	48.05	54.00	-5.95	AVG	

Orthogonal Axis:	X
Test Mode:	TX N-20M MODE 2472MHz

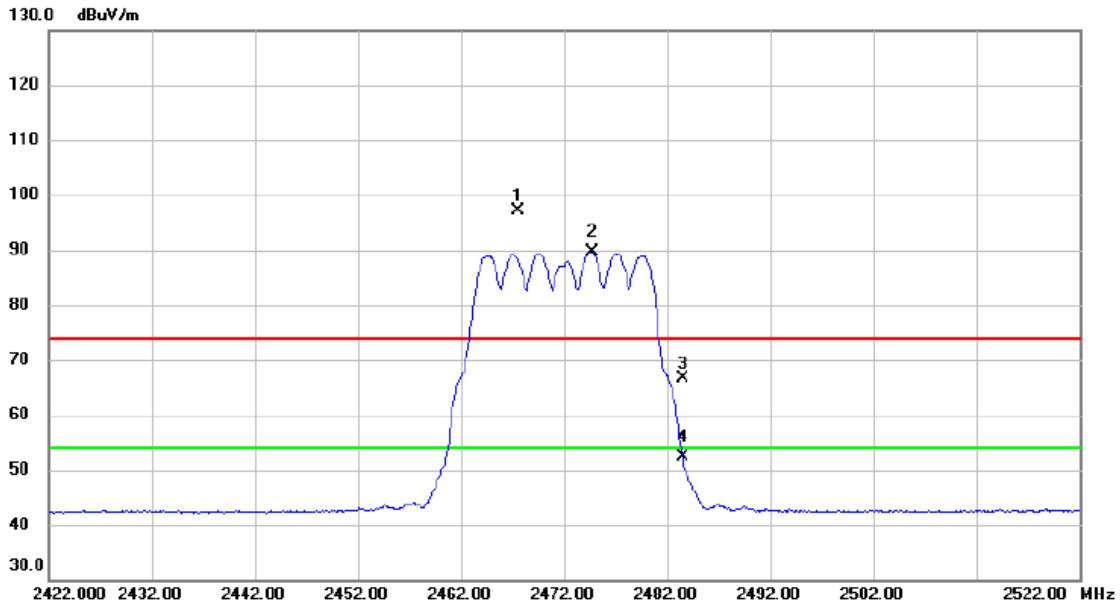
**Vertical**



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4943.875	36.38	7.09	43.47	74.00	-30.53	peak	
2	4943.980	24.99	7.09	32.08	54.00	-21.92	AVG	
3	7414.150	34.24	13.29	47.53	74.00	-26.47	peak	
4 *	7417.745	22.64	13.29	35.93	54.00	-18.07	AVG	

Orthogonal Axis:	X
Test Mode:	TX N-20M MODE 2472MHz

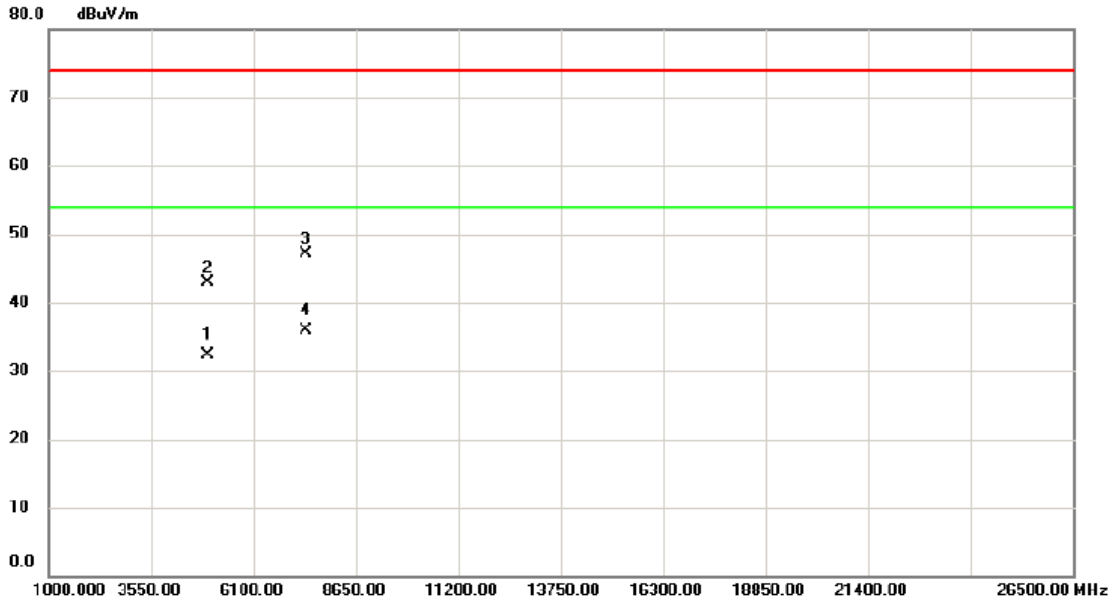
**Horizontal**



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	2467.500	87.70	9.43	97.13	74.00	23.13	peak	No Limit
2	*	2474.700	80.28	9.45	89.73	54.00	35.73	AVG	No Limit
3		2483.500	57.13	9.49	66.62	74.00	-7.38	peak	
4		2483.500	42.84	9.49	52.33	54.00	-1.67	AVG	

Orthogonal Axis:	X
Test Mode:	TX N-20M MODE 2472MHz

### Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		4944.000	25.14	7.09	32.23	54.00	-21.77	AVG	
2		4944.780	35.82	7.09	42.91	74.00	-31.09	peak	
3		7413.850	33.87	13.29	47.16	74.00	-26.84	peak	
4	*	7417.540	22.60	13.29	35.89	54.00	-18.11	AVG	

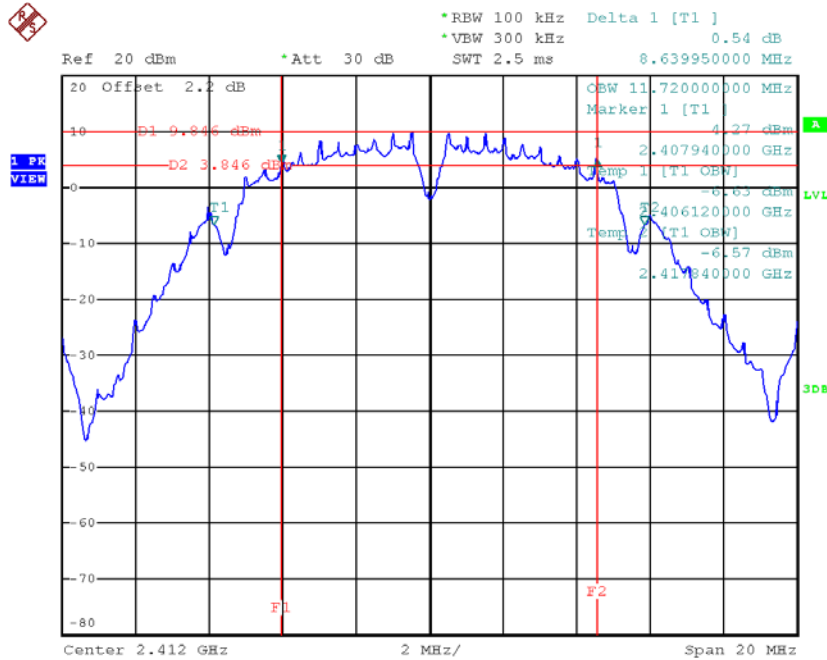
## APPENDIX E - BANDWIDTH



Test Mode : TX B Mode\_CH01/06/11/12/13\_ANT1

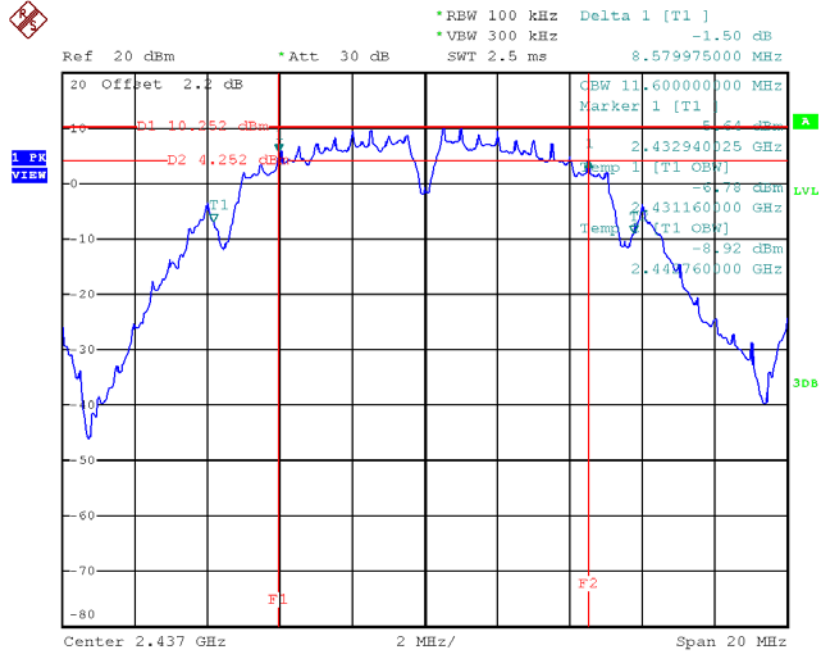
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	8.64	11.72	500	Complies
2437	8.58	11.60	500	Complies
2462	8.12	11.56	500	Complies
2467	8.62	11.52	500	Complies
2472	8.62	11.48	500	Complies

TX CH01



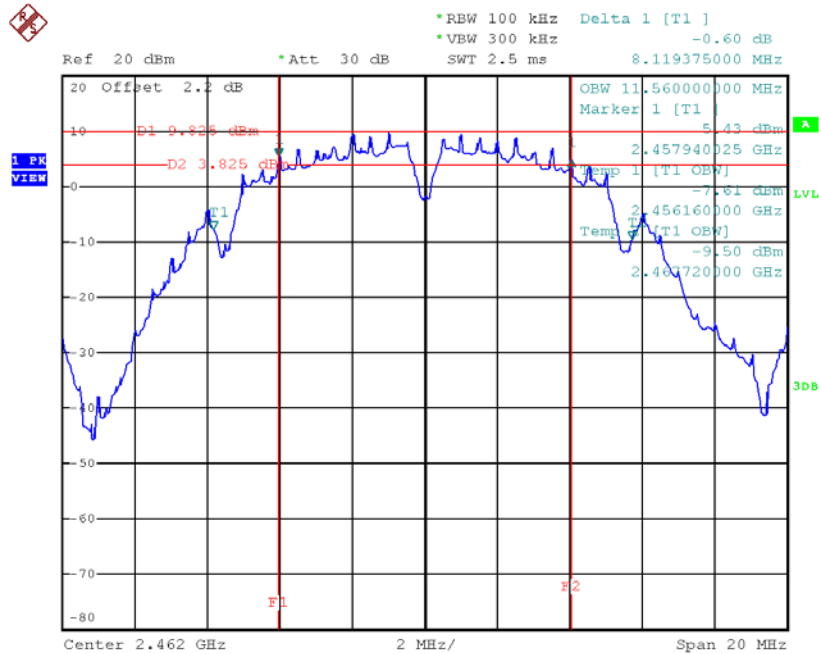
Date: 3.APR.2018 19:57:24

### TX CH06



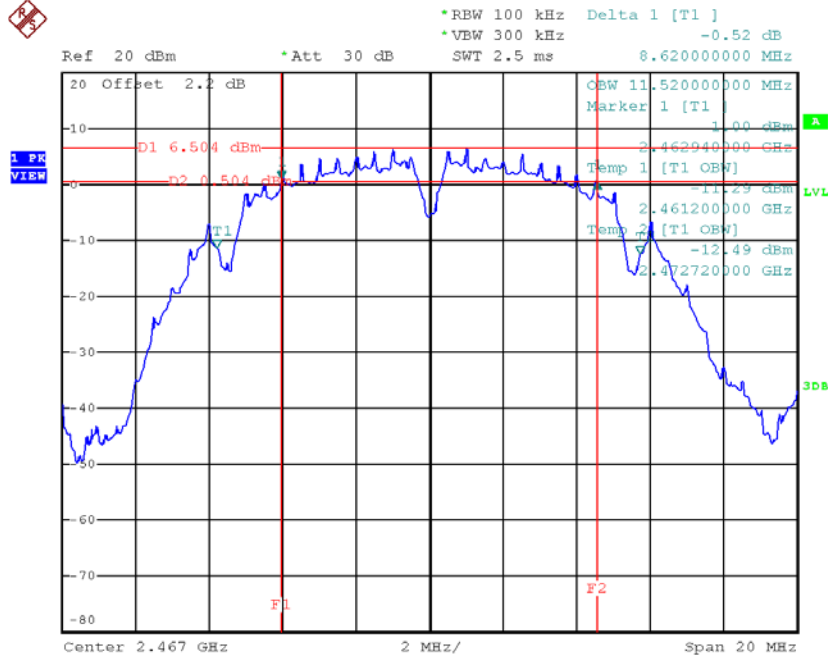
Date: 3.APR.2018 19:59:42

### TX CH11



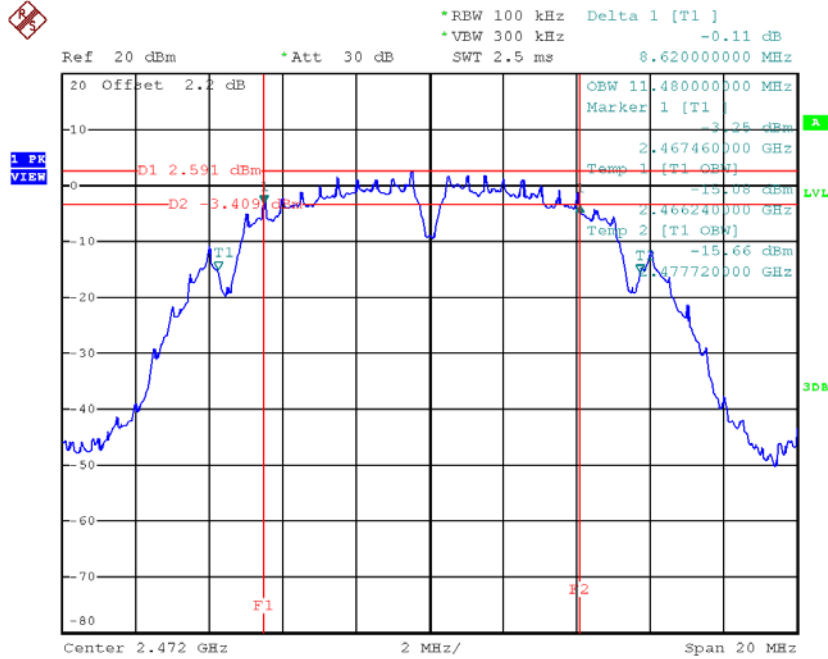
Date: 3.APR.2018 20:01:58

**TX CH12**



Date: 1.JAN.2003 00:28:09

**TX CH13**



Date: 1.JAN.2003 00:30:16