

# FCC Radio Test Report

## FCC ID: TE7WA901NV6

**This report concerns: Original Grant**

**Project No.** : 2001C031  
**Equipment** : 450Mbps Wireless N Access Point  
**Brand Name** : tp-link  
**Test Model** : TL-WA901N  
**Series Model** : N/A  
**Applicant** : TP-Link Technologies Co., Ltd.  
**Address** : Building 24(floors1,3,4,5) and 28(floors1-4) Central Science and Technology Park, Shennan Rd, Nanshan, Shenzhen, China  
**Manufacturer** : TP-Link Technologies Co., Ltd.  
**Address** : Building 24(floors1,3,4,5) and 28(floors1-4) Central Science and Technology Park, Shennan Rd, Nanshan, Shenzhen, China  
**Date of Receipt** : Jan. 06, 2020  
**Date of Test** : Jan. 06, 2020~Feb. 14, 2020  
**Issued Date** : Feb. 18, 2020  
**Report Version** : R00  
**Test Sample** : Engineering Sample No.: DG2020011610 for conducted, DG2020010699 for radiated.  
**Standard(s)** : FCC Part15, Subpart C (15.247)  
ANSI C63.10-2013  
KDB 558074 D01 15.247 Meas Guidance v05r02

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

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**Limitation**

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

Please note that the measurement uncertainty is provided for informational purpose only and are not use in determining the Pass/Fail results.

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**REPORT ISSUED HISTORY**

Report Version	Description	Issued Date
R00	Original Issue.	Feb. 18, 2020

## 1. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

FCC Part15, Subpart C (15.247)				
Standard(s) Section	Test Item	Test Result	Judgment	Remark
15.207	AC Power Line Conducted Emissions	APPENDIX A	PASS	-----
15.247(d) 15.205(a) 15.209(a)	Radiated Emissions	APPENDIX B APPENDIX C APPENDIX D	PASS	-----
15.247(a)(2)	Bandwidth	APPENDIX E	PASS	-----
15.247(b)(3)	Maximum Average Output Power	APPENDIX F	PASS	-----
15.247(d)	Conducted Spurious Emissions	APPENDIX G	PASS	-----
15.247(e)	Power Spectral Density	APPENDIX H	PASS	-----
15.203	Antenna Requirement	-----	PASS	Note(2)

Note:

- (1) "N/A" denotes test is not applicable in this test report.
- (2) The device what use a permanently attached antenna were considered sufficient to comply with the provisions of 15.203.

### 1.1 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 Registration Number for FCC: 357015

BTL's Designation Number for FCC: CN1240

### 1.2 MEASUREMENT UNCERTAINTY

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2))

The BTL measurement uncertainty as below table:

#### A. AC power line conducted emissions test:

Test Site	Method	Measurement Frequency Range	U, (dB)
DG-C02	CISPR	150kHz ~ 30MHz	2.60

#### B. Radiated emissions test:

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	4.88
		30MHz ~ 200MHz	H	4.14
		200MHz ~ 1,000MHz	V	4.62
		200MHz ~ 1,000MHz	H	4.80
		1GHz ~ 6GHz	-	4.58
		6GHz ~ 18GHz	-	5.18
		18GHz ~ 26.5GHz	-	3.62
		26.5GHz ~ 40GHz	-	4.00

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


### 1.3 TEST ENVIRONMENT CONDITIONS

Test Item	Temperature	Humidity	Test Voltage	Tested By
AC Power Line Conducted Emissions	25°C	53%	AC 120V/60Hz	Laughing Zhang
Radiated Emissions-9K-30MHz	25°C	60%	AC 120V/60Hz	Laughing Zhang
Radiated Emissions-30 MHz to 1GHz	24°C	68%	AC 120V/60Hz	Laughing Zhang
Radiated Emissions-Above 1000 MHz	25°C	60%	AC 120V/60Hz	Laughing Zhang
Bandwidth	24°C	60%	AC 120V/60Hz	Laughing Zhang
Maximum Average output power	24°C	60%	AC 120V/60Hz	Laughing Zhang
Conducted Spurious Emissions	24°C	60%	AC 120V/60Hz	Jonas.Chen
Power Spectral Density	24°C	60%	AC 120V/60Hz	Laughing Zhang



## 2. GENERAL INFORMATION

### 2.1 GENERAL DESCRIPTION OF EUT




Equipment	450Mbps Wireless N Access Point
Brand Name	tp-link
Test Model	TL-WA901N
Series Model	N/A
Model Difference(s)	N/A
Software Version	3.16.9 build20191104
Hardware Version	1.0
Power Source	DC Voltage supplied from AC/DC adapter Model: T090085-2B1
Power Rating	I/P:100-240V~ 50/60Hz 0.3A O/P: 9V  0.85A
Operation Frequency	2412 MHz ~ 2462 MHz
Modulation Type	IEEE 802.11b: DSSS IEEE 802.11g: OFDM IEEE 802.11n: OFDM
Bit Rate of Transmitter	IEEE 802.11b: 11/5.5/2/1 Mbps IEEE 802.11g: 54/48/36/24/18/12/9/6 Mbps IEEE 802.11n: up to 450 Mbps
Maximum Average Output Power	IEEE 802.11b: 21.17 dBm (0.1310 W) IEEE 802.11g: 21.17 dBm (0.1310 W) IEEE 802.11n (HT20): 22.27 dBm (0.1686 W) IEEE 802.11n (HT40): 19.16 dBm (0.0824 W)

Note:

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

CH01 - CH11 for IEEE 802.11b, IEEE 802.11g, IEEE 802.11n (HT20) CH03 - CH09 for IEEE 802.11n (HT40)							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
01	2412	04	2427	07	2442	10	2457
02	2417	05	2432	08	2447	11	2462
03	2422	06	2437	09	2452		

### 3. Antenna Specification:

Ant.	Brand	P/N	Antenna Type	Connector	Gain (dBi)
1		3101501026	Dipole	Weld	4.71
2		3101501087	Dipole	Weld	4.71
3		3101501276	Dipole	Weld	4.71

Note:

This EUT supports CDD, and all antennas have the same gain,  
Directional gain =  $G_{ANT} + \text{Array Gain}$ .

For power spectral density measurements, Array Gain =  $10 \log(N_{ANT}/N_{SS})$  dB,

that is Directional gain =  $4.71 + 10 \log(3/1)$  dBi = 9.48. So, the power density limit is  $8 - (9.48 - 6) = 4.52$

For power measurements, Array Gain = 0 dB ( $N_{ANT} \leq 4$ ), so the Directional gain = 4.71

## 4. Table for Antenna Configuration:

Operating Mode	TX Mode	3TX
802.11b		V (Ant. 1 + Ant. 2 + Ant. 3)
802.11g		V (Ant. 1 + Ant. 2 + Ant. 3)
802.11n(20 MHz)		V (Ant. 1 + Ant. 2 + Ant. 3)
802.11n(40 MHz)		V (Ant. 1 + Ant. 2 + Ant. 3)

## 2.2 DESCRIPTION OF TEST MODES

The test system was pre-tested based on the consideration of all possible combinations of EUT operation mode.

Pretest Mode	Description
Mode 1	TX B Mode Channel 01/06/11
Mode 2	TX G Mode Channel 01/06/11
Mode 3	TX N-20 MHz Mode Channel 01/06/11
Mode 4	TX N-40 MHz Mode Channel 03/06/09
Mode 5	TX N20 Mode Channel 06
Mode 6	TX B Mode Channel 01/02/06/10/11
Mode 7	TX G Mode Channel 01/02/06/10/11
Mode 8	TX N-20 MHz Mode Channel 01/02/06/10/11
Mode 9	TX N-40 MHz Mode Channel 03/04/06/08/09

Following mode(s) was (were) found to be the worst case(s) and selected for the final test.

<b>AC power line conducted emissions test</b>	
Final Test Mode:	Description
Mode 5	TX N20 Mode Channel 06

<b>Radiated emissions test - Below 1GHz</b>	
Final Test Mode:	Description
Mode 5	TX N20 Mode Channel 06

<b>Radiated emissions test- Above 1GHz</b>	
Final Test Mode:	Description
Mode 6	TX B Mode Channel 01/02/06/10/11
Mode 7	TX G Mode Channel 01/02/06/10/11
Mode 8	TX N-20 MHz Mode Channel 01/02/06/10/11
Mode 9	TX N-40 MHz Mode Channel 03/04/06/08/09

Conducted test	
Final Test Mode:	Description
Mode 1	TX B Mode Channel 01/06/11
Mode 2	TX G Mode Channel 01/06/11
Mode 3	TX N-20 MHz Mode Channel 01/06/11
Mode 4	TX N-40 MHz Mode Channel 03/06/09

Note :

- (1) The measurements are performed at the high, middle, low available channels.
- (2) All the bit rate of transmitter have been tested and found the lowest rate is found to be the worst case and recorded.
- (3) For radiated emission below 1 GHz test, the IEEE 802.11n20 Channel 06 is found to be the worst case and recorded.
- (4) For radiated emission above 1 GHz test, 1GHz~26.5GHz have been pre-tested and in this report only recorded the worst case. The remaining spurious points are all below the limit value of 20dB.

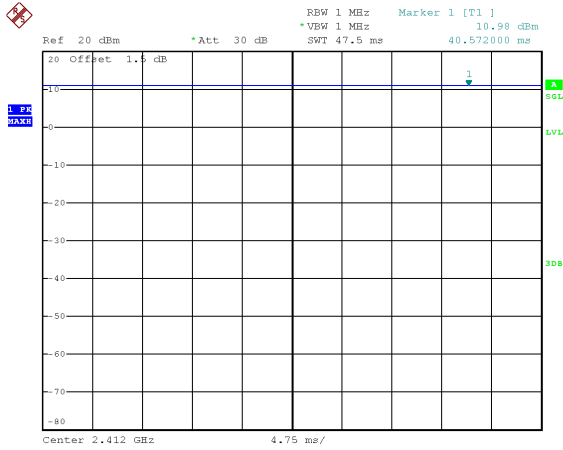
### 2.3 PARAMETERS OF TEST SOFTWARE

Test Software	cart		
	2412	2437	2462
Frequency (MHz)	2412	2437	2462
IEEE 802.11b	14.5	14	14
IEEE 802.11g	13	15	13.5
IEEE 802.11n (HT20)	12	16.5	10.5
Frequency (MHz)	2422	2437	2452
IEEE 802.11n (HT40)	8.5	12.5	7.5

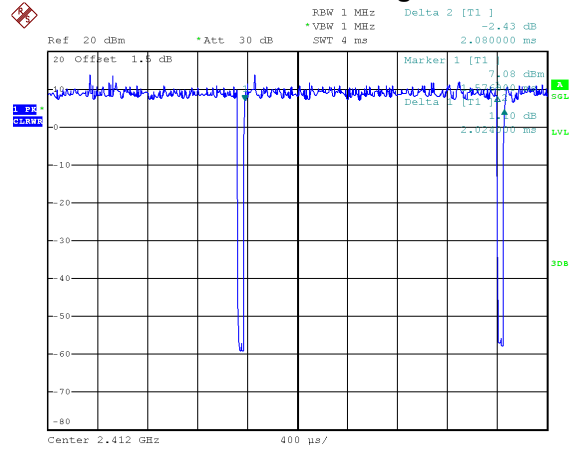
## 2.4 DUTY CYCLE

If duty cycle is  $\geq 98\%$ , duty factor is not required.  
 If duty cycle is  $< 98\%$ , duty factor shall be considered.  
 The output power = measured power + duty factor.

**IEEE 802.11b**



**IEEE 802.11g**



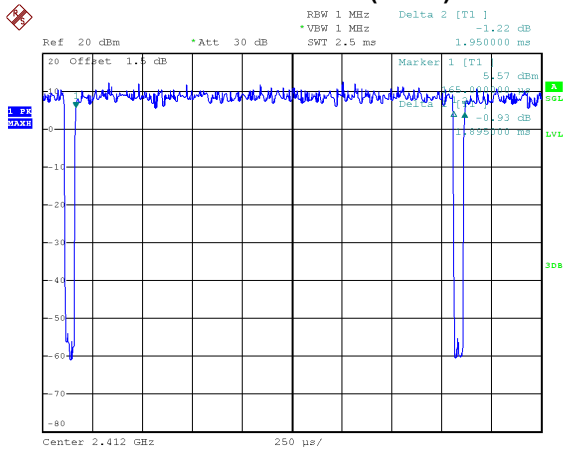
Date: 8.JAN.2020 20:10:44

Duty cycle =  $47.500 \text{ ms} / 47.500 \text{ ms} = 100\%$   
 Duty Factor =  $10 \log(1/\text{Duty cycle}) = 0.00$

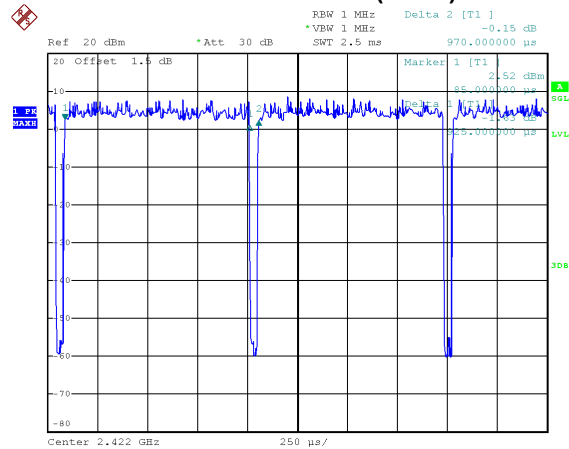
Date: 8.JAN.2020 20:11:34

Duty cycle =  $2.024 \text{ ms} / 2.080 \text{ ms} = 97.31\%$   
 Duty Factor =  $10 \log(1/\text{Duty cycle}) = 0.12$

**IEEE 802.11n (HT20)**



**IEEE 802.11n (HT40)**



Date: 8.JAN.2020 20:12:00

Duty cycle =  $1.895 \text{ ms} / 1.950 \text{ ms} = 97.18\%$   
 Duty Factor =  $10 \log(1/\text{Duty cycle}) = 0.12$

Date: 8.JAN.2020 20:12:21

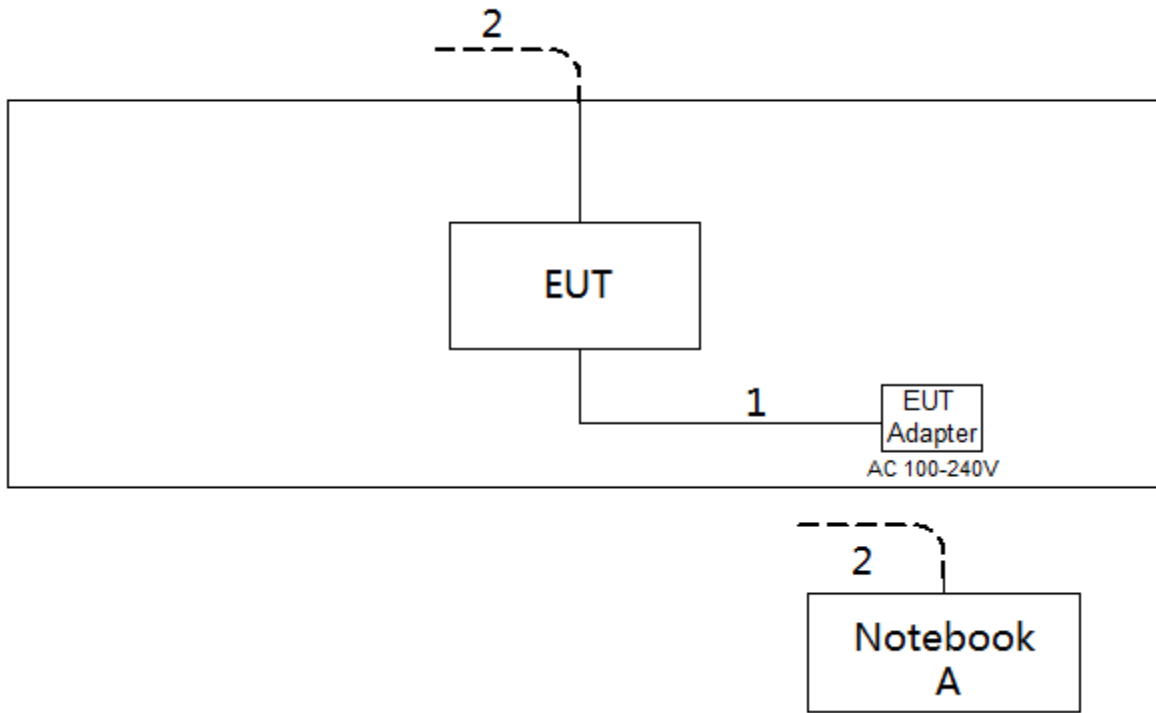
Duty cycle =  $0.925 \text{ ms} / 0.970 \text{ ms} = 95.36\%$   
 Duty Factor =  $10 \log(1/\text{Duty cycle}) = 0.21$

**NOTE:**

For IEEE 802.11g and IEEE 802.11n (HT20):  
 For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 1 kHz (Duty cycle  $< 98\%$ ).

For IEEE 802.11n (HT40):  
 For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 2 kHz (Duty cycle  $< 98\%$ ).

## 2.5 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



## 2.6 SUPPORT UNITS

Item	Equipment	Brand	Model No.	Series No.
A	Notebook	Dell	Inspiron 15-7559	N/A

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

### 3. AC POWER LINE CONDUCTED EMISSIONS TEST

#### 3.1 LIMIT

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

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

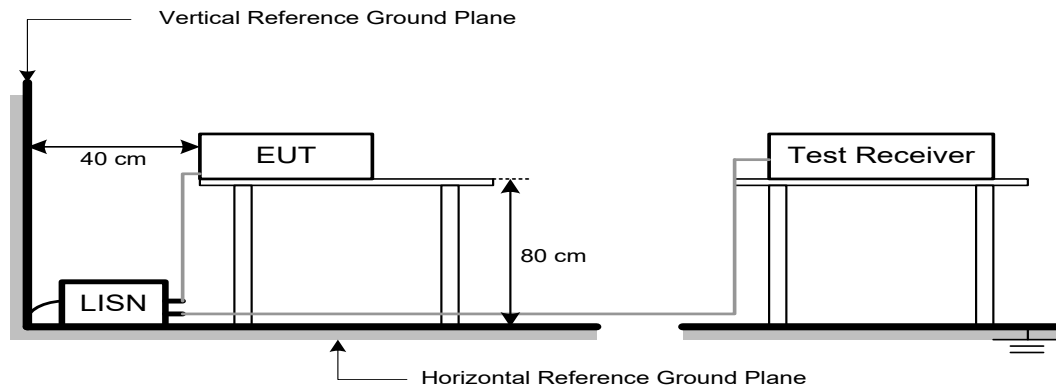
#### 3.2 TEST PROCEDURE

- 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.

#### 3.3 DEVIATION FROM TEST STANDARD

No deviation

### 3.4 TEST SETUP



### 3.5 EUT OPERATION CONDITIONS

EUT was programmed to be in continuously transmitting mode.

### 3.6 TEST RESULTS

Please refer to the APPENDIX A.



## 4. RADIATED EMISSIONS TEST

### 4.1 LIMIT

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 (9 kHz-1000 MHz)

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
Above 960	500	3

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

Frequency (MHz)	(dBuV/m at 3 m)	
	Peak	Average
Above 1000	74	54

**NOTE:**

- (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).

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

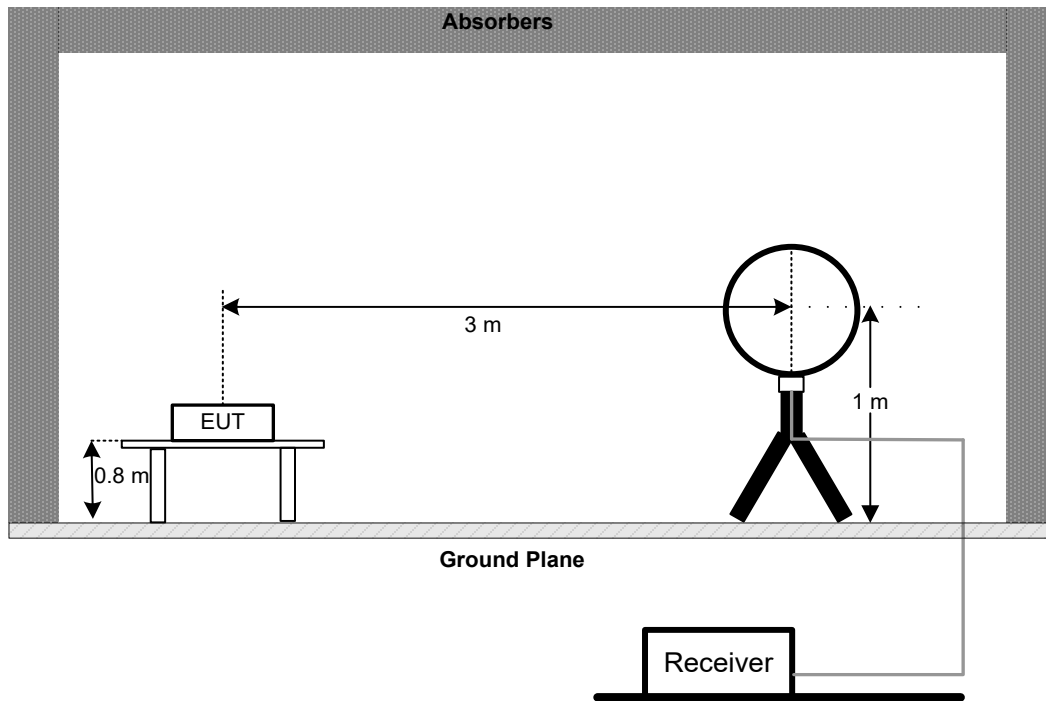
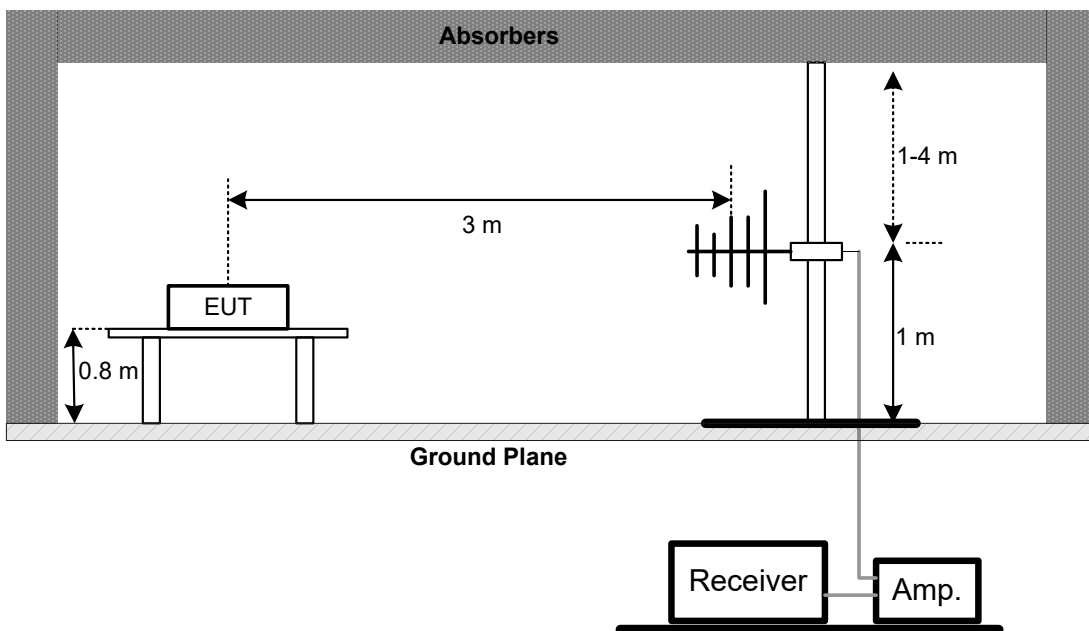
Receiver Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9 kHz~90 kHz for PK/AVG detector
Start ~ Stop Frequency	90 kHz~110 kHz for QP detector
Start ~ Stop Frequency	110 kHz~490 kHz for PK/AVG detector
Start ~ Stop Frequency	490 kHz~30 MHz for QP detector
Start ~ Stop Frequency	30 MHz~1000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

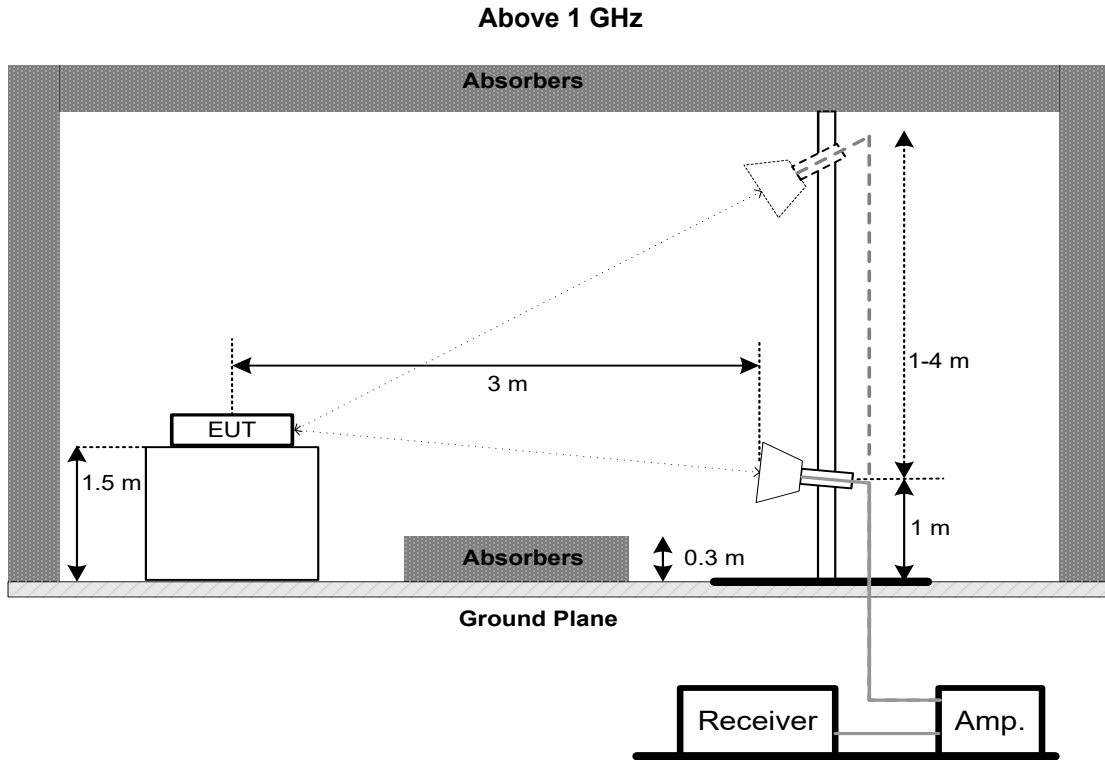
## 4.2 TEST PROCEDURE

- 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 1 GHz)
- 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 1 GHz)
- 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 1 GHz.
- 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 1 GHz)
- 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 1 GHz)
- i. For the actual test configuration, please refer to the related Item -EUT Test Photos.

## 4.3 DEVIATION FROM TEST STANDARD

No deviation

**4.4 TEST SETUP****9 kHz-30 MHz****30 MHz to 1 GHz**



#### 4.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

#### 4.6 TEST RESULTS - 9 KHZ TO 30 MHZ

Please refer to the APPENDIX B

Remark:

- (1) Distance extrapolation factor =  $40 \log (\text{specific distance} / \text{test distance})$  (dB).
- (2) Limit line = specific limits (dBuV) + distance extrapolation factor.

#### 4.7 TEST RESULTS - 30 MHZ TO 1000 MHZ

Please refer to the APPENDIX C.

#### 4.8 TEST RESULTS - ABOVE 1000 MHZ

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 LIMIT**

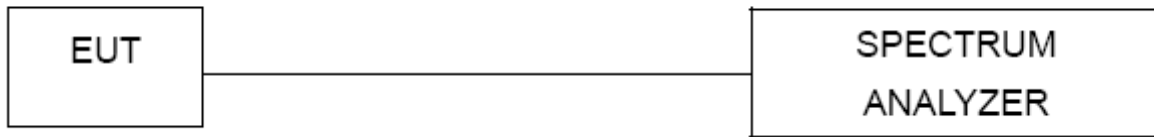
FCC Part15, Subpart C (15.247)		
Section	Test Item	Limit
15.247(a)(2)	6 dB Bandwidth	Minimum 500 kHz
	99% Emission Bandwidth	-

**5.2 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:
  - For 6 dB Bandwidth : RBW= 100 kHz, VBW=300 kHz, Sweep time = auto.
  - For 99% Emission Bandwidth B/G/N-20 Mode: RBW= 300 KHz, VBW=1 MHz, Sweep time = 2.5 ms.
  - For 99% Emission Bandwidth N-40 Mode: RBW= 1 MHz, VBW=3 MHz, Sweep time = 2.5 ms.
- c. The bandwidth was performed in accordance with method 11.8.1 of ANSI C63.10-2013.

**5.3 DEVIATION FROM STANDARD**

No deviation.

**5.4 TEST SETUP****5.5 EUT OPERATION CONDITIONS**

The EUT was programmed to be in continuously transmitting mode.

**5.6 TEST RESULTS**

Please refer to the APPENDIX E.

## 6. MAXIMUM AVERAGE OUTPUT POWER TEST

### 6.1 LIMIT

FCC Part15, Subpart C (15.247)		
Section	Test Item	Limit
15.247(b)(3)	Maximum Average Output Power	1 Watt or 30dBm

### 6.2 TEST PROCEDURE

- The EUT was directly connected to the power meter and antenna output port as show in the block diagram below.
- The maximum conducted output power was performed in accordance with method 11.9.2.3.1 of ANSI C63.10-2013 and FCC KDB 662911 D01 v02r01 Multiple Transmitter Output.

### 6.3 DEVIATION FROM STANDARD

No deviation.

### 6.4 TEST SETUP



### 6.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

### 6.6 TEST RESULTS

Please refer to the APPENDIX F.

## 7. CONDUCTED SPURIOUS EMISSIONS

### 7.1 LIMIT

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

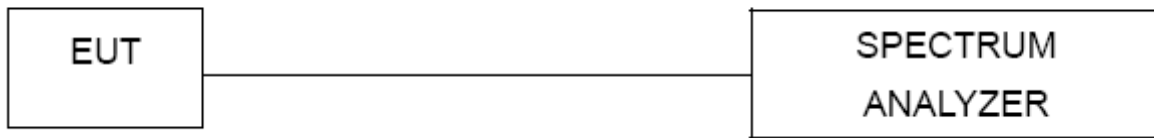
### 7.2 TEST PROCEDURE

- 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= 100 kHz, VBW=300 kHz, Sweep time = Auto.

### 7.3 DEVIATION FROM STANDARD

No deviation.

### 7.4 TEST SETUP



### 7.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

### 7.6 TEST RESULTS

Please refer to the APPENDIX G.

## 8. POWER SPECTRAL DENSITY TEST

### 8.1 LIMIT

FCC Part15, Subpart C (15.247)		
Section	Test Item	Limit
15.247(e)	Power Spectral Density	8 dBm (in any 3 kHz)

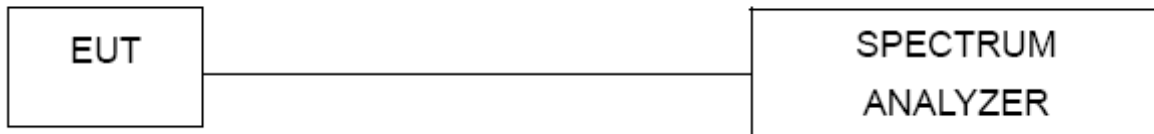
### 8.2 TEST PROCEDURE

- The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
- Spectrum Setting: RBW=3 kHz, VBW=10 kHz, Sweep time = Auto.
- The Power Spectral Density was performed in accordance with method 11.10.2 of ANSI C63.10-2013.

### 8.3 DEVIATION FROM STANDARD

No deviation.

### 8.4 TEST SETUP



### 8.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

### 8.6 TEST RESULTS

Please refer to the APPENDIX H.



## 9. MEASUREMENT INSTRUMENTS LIST

AC Power Line Conducted Emissions					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	EMI Test Receiver	R&S	ESCI	100382	Mar. 10, 2020
2	LISN	EMCO	3816/2	52765	Mar. 10, 2020
3	TWO-LINE V-NETWORK	R&S	ENV216	101447	May 19, 2020
4	50Ω Terminator	SHX	TF5-3	15041305	Mar. 10, 2020
5	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
6	Cable	N/A	RG223	12m	Mar. 12, 2020

Radiated Emissions - 9 kHz to 30 MHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Loop Antenna	EM	EM-6876-1	230	Jan. 15, 2022
2	Cable	N/A	RG 213/U	C-102	May 31, 2020
3	EMI Test Receiver	R&S	ESCI	100895	Mar. 10, 2020
4	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

Radiated Emissions - 30 MHz to 1 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Antenna	Schwarzbeck	VULB9160	9160-3232	Mar. 09, 2020
2	Amplifier*	HP	8447D	2944A09673	Aug. 11, 2021
3	Receiver	Agilent	N9038A	MY52130039	Aug. 03, 2020
4	Cable	emci	LMR-400(30MHz-1 GHz)(8m+5m)	N/A	May 24, 2020
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

Radiated Emissions - Above 1 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Double Ridged Guide Antenna	ETS	3115	75789	Mar. 09, 2020
2	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Jun. 23, 2020
3	Amplifier	Agilent	8449B	3008A02333	Mar. 10, 2020
4	Microwave Preamplifier With Adaptor	EMC INSTRUMENT	EMC2654045	980039 & HA01	Mar. 10, 2020
5	Receiver	Agilent	N9038A	MY52130039	Aug. 03, 2020
6	Controller	CT	SC100	N/A	N/A
7	Controller	MF	MF-7802	MF780208416	N/A
8	Cable	mitron	B10-01-01-12M	18072744	Jun. 29, 2020
9	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

<b>Bandwidth &amp; Antenna Conducted Spurious Emissions &amp; Power Spectral Density</b>					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100185	Aug. 03, 2020

<b>Maximum Average Output Power</b>					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Peak Power Analyzer	Keysight	8990B	MY51000506	Aug. 03, 2020
2	Wideband power sensor	Keysight	N1923A	MY58310004	Aug. 03, 2020

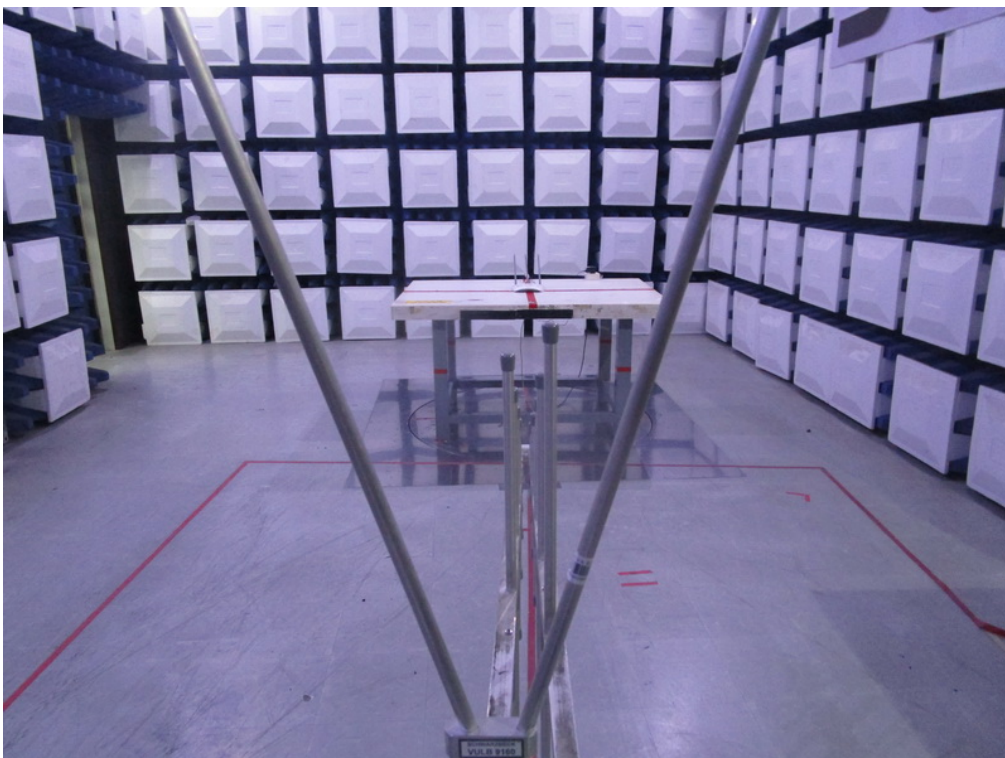
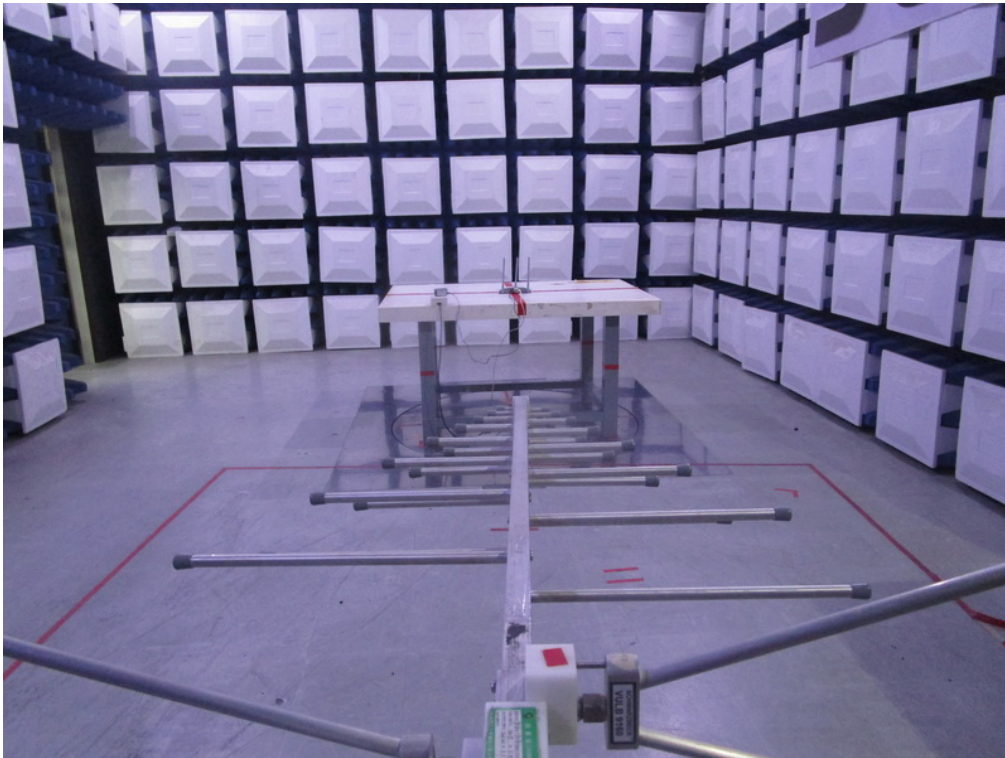
Remark: "N/A" denotes no model name, serial no. or calibration specified.

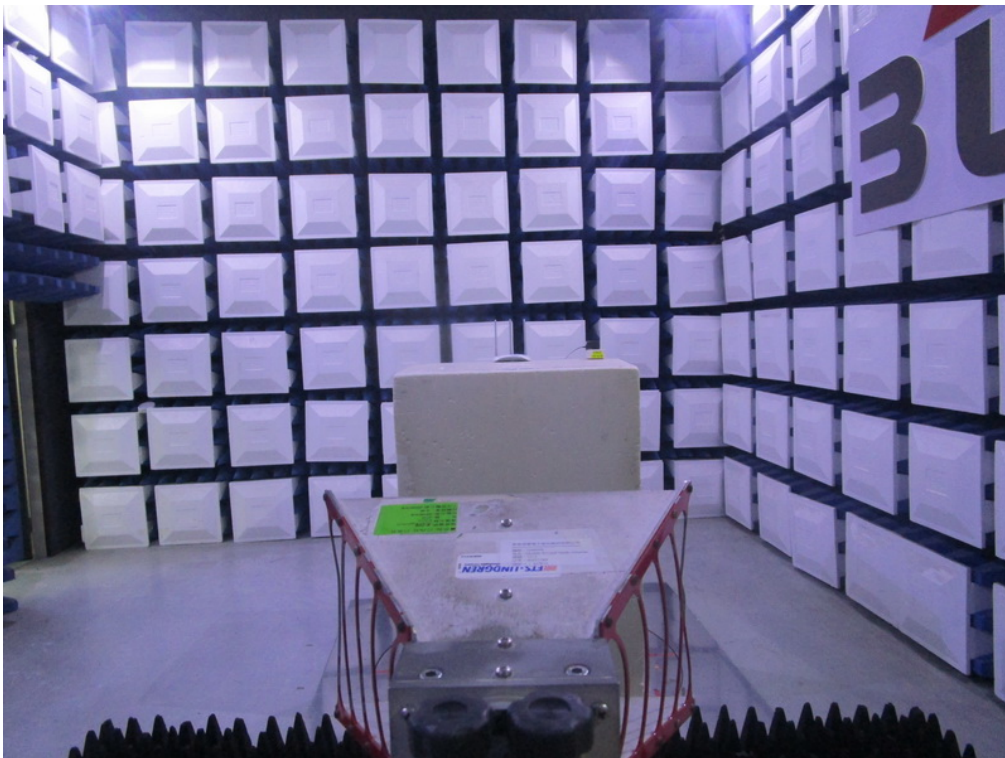
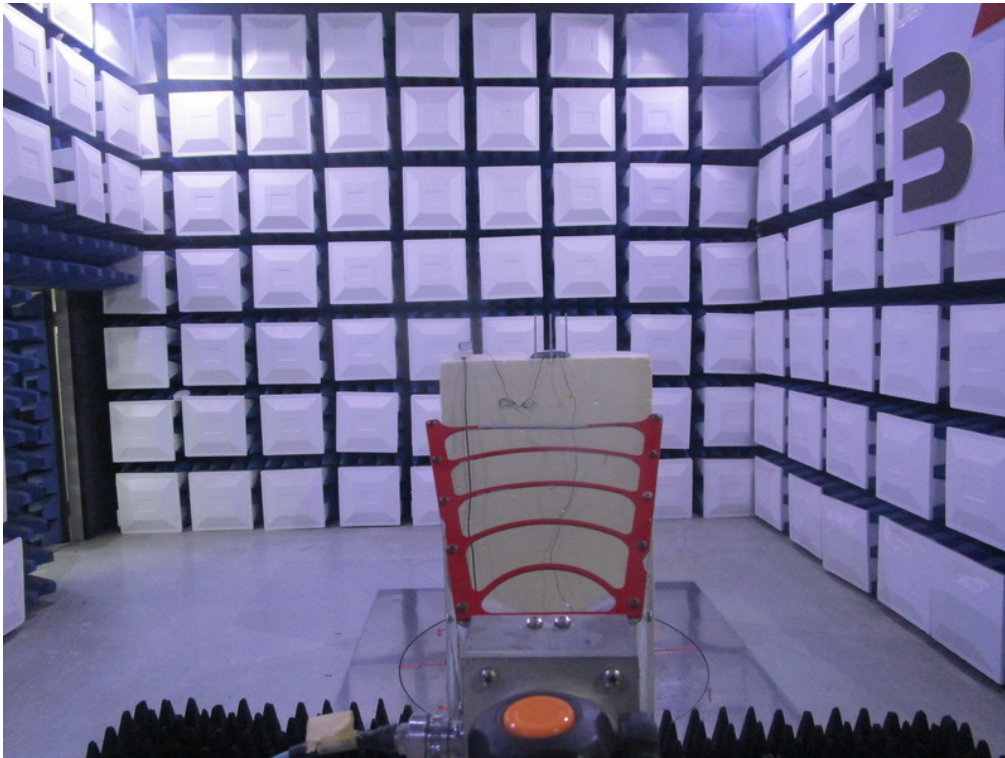
"\*\*" calibration period of equipment list is three year.

Except \* item, all calibration period of equipment list is one year.

**10. EUT TEST PHOTO****AC Power Line Conducted Emissions Test Photos**

**Radiated Emissions Test Photos****9 kHz to 30 MHz**

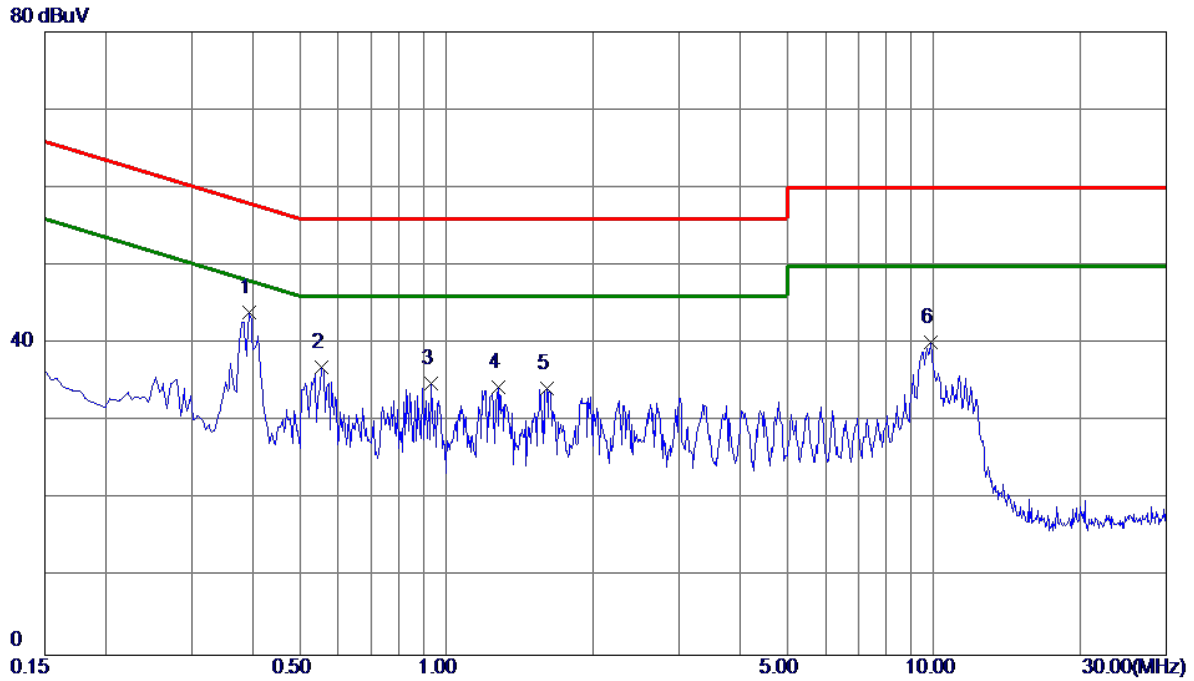
**Radiated Emissions Test Photos****30 MHz to 1 GHz**

**Radiated Emissions Test Photos****Above 1 GHz**

## **APPENDIX A - AC POWER LINE CONDUCTED EMISSIONS**

Test Mode: TX N20 Mode Channel 06

### Line



No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1 *	0.3930	34.07	9.86	43.93	58.00	-14.07	Peak	
2	0.5550	27.13	9.89	37.02	56.00	-18.98	Peak	
3	0.9285	25.00	9.92	34.92	56.00	-21.08	Peak	
4	1.2750	24.51	9.94	34.45	56.00	-21.55	Peak	
5	1.6080	24.33	9.96	34.29	56.00	-21.71	Peak	
6	9.8385	29.73	10.48	40.21	60.00	-19.79	Peak	

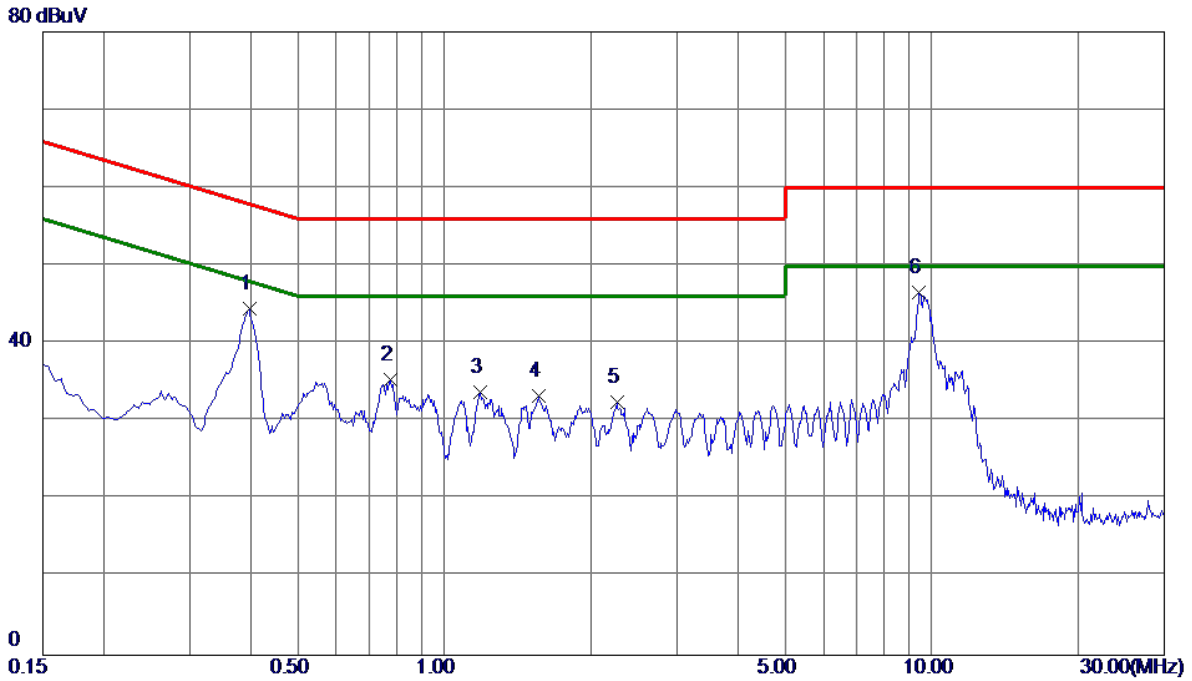
**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.



Test Mode: TX N20 Mode Channel 06

### Neutral



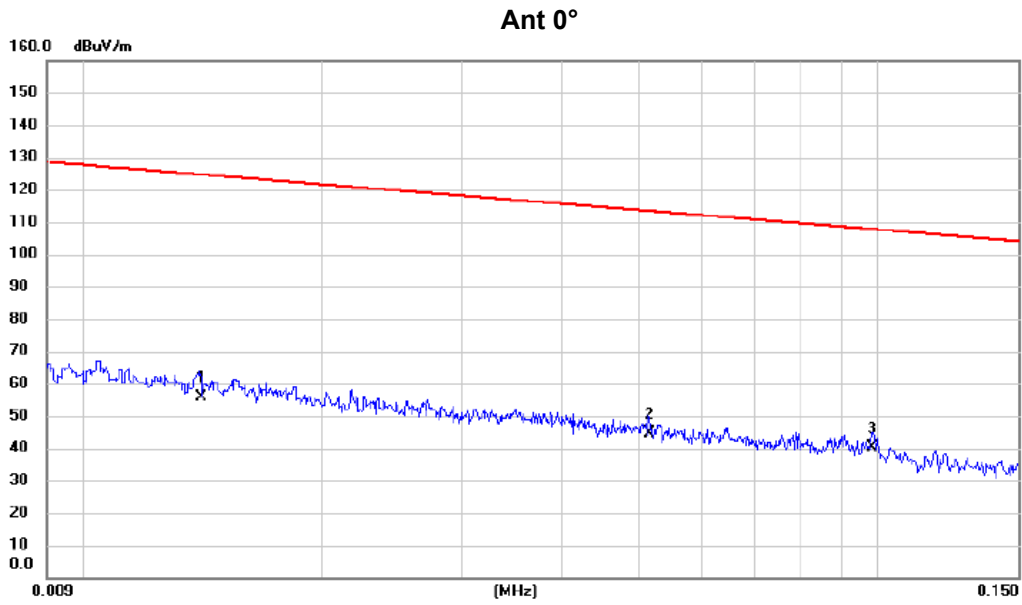
No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1 *	0.3975	34.54	10.01	44.55	57.91	-13.36	Peak	
2	0.7755	25.27	10.09	35.36	56.00	-20.64	Peak	
3	1.1849	23.67	10.13	33.80	56.00	-22.20	Peak	
4	1.5585	23.06	10.16	33.22	56.00	-22.78	Peak	
5	2.2605	22.22	10.20	32.42	56.00	-23.58	Peak	
6	9.4245	35.81	10.71	46.52	60.00	-13.48	Peak	

**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

## **APPENDIX B - RADIATED EMISSION - 9 KHZ TO 30 MHZ**

Test Mode: TX N20 Mode Channel 06



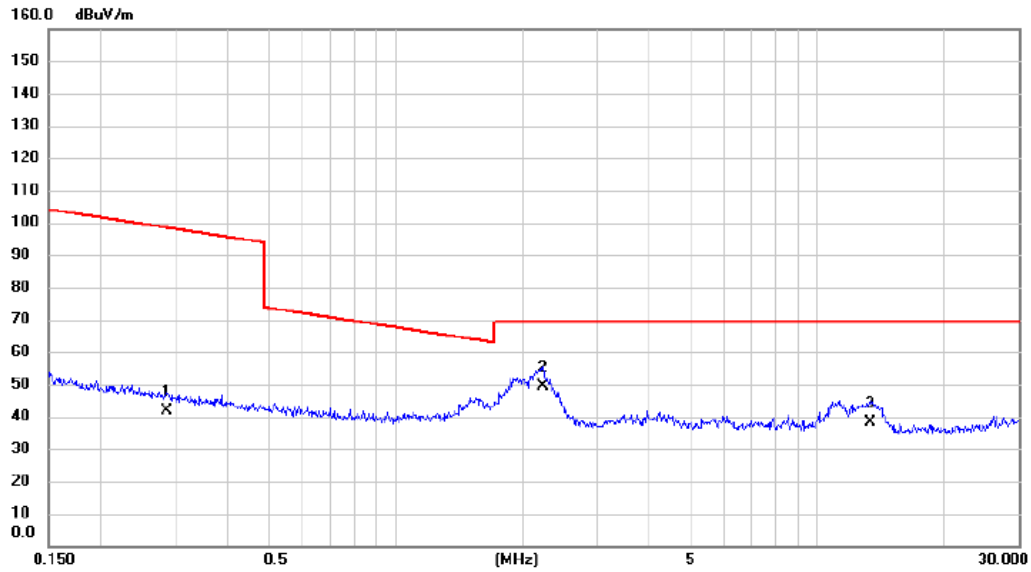
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.0141	40.25	15.59	55.84	124.62	-68.78	AVG	
2		0.0515	30.58	13.91	44.49	113.37	-68.88	AVG	
3	*	0.0984	26.47	13.54	40.01	107.75	-67.74	QP	

**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX N20 Mode Channel 06

**Ant 0°**

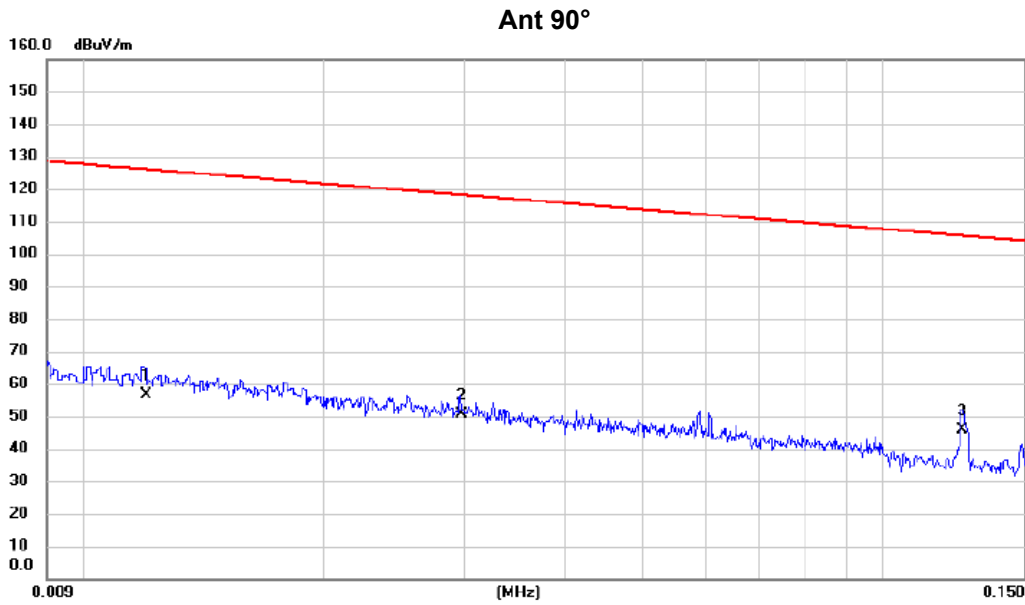


No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	0.2863	28.33	13.57	41.90	98.47	-56.57	AVG	
2 *	2.2367	37.54	11.68	49.22	69.54	-20.32	QP	
3	13.3372	26.68	11.59	38.27	69.54	-31.27	QP	

**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

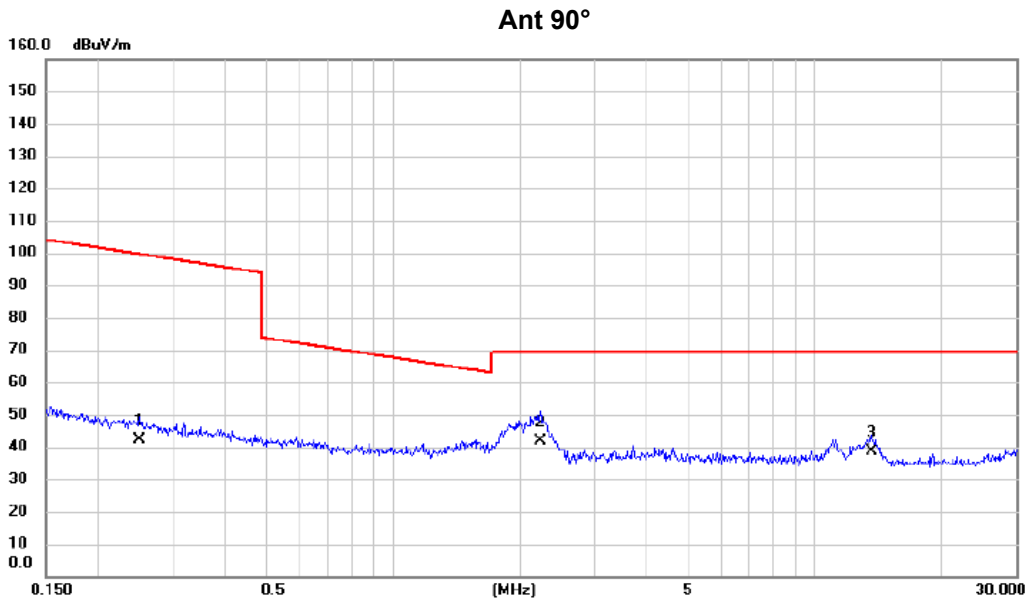
Test Mode: TX N20 Mode Channel 06



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.0120	40.28	16.22	56.50	126.02	-69.52	AVG	
2		0.0297	36.81	13.85	50.66	118.15	-67.49	AVG	
3	*	0.1256	32.14	13.55	45.69	105.63	-59.94	AVG	

REMARKS:  
 (1) Measurement Value = Reading Level + Correct Factor.  
 (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX N20 Mode Channel 06



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.2508	28.65	13.66	42.31	99.62	-57.31	AVG	
2	*	2.2367	30.25	11.68	41.93	69.54	-27.61	QP	
3		13.6228	26.98	11.59	38.57	69.54	-30.97	QP	

**REMARKS:**

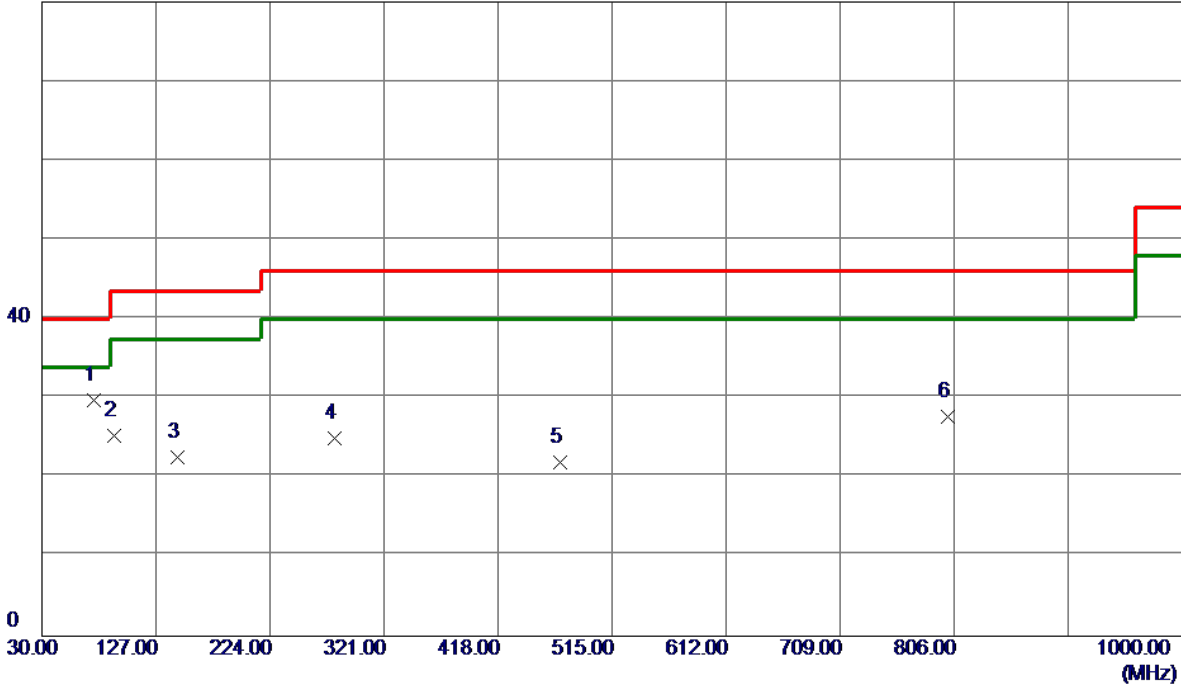
- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

**APPENDIX C - RADIATED EMISSION - 30 MHZ TO 1000 MHZ**

Test Mode: TX N20 Mode Channel 06

### Vertical

80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	74.6200	46.87	-17.12	29.75	40.00	-10.25	Peak	
2	91.1100	41.20	-15.95	25.25	43.50	-18.25	Peak	
3	145.4299	35.19	-12.62	22.57	43.50	-20.93	Peak	
4	279.2900	37.63	-12.72	24.91	46.00	-21.09	Peak	
5	470.3800	29.94	-7.99	21.95	46.00	-24.05	Peak	
6	800.1800	30.62	-3.01	27.61	46.00	-18.39	Peak	

**REMARKS:**

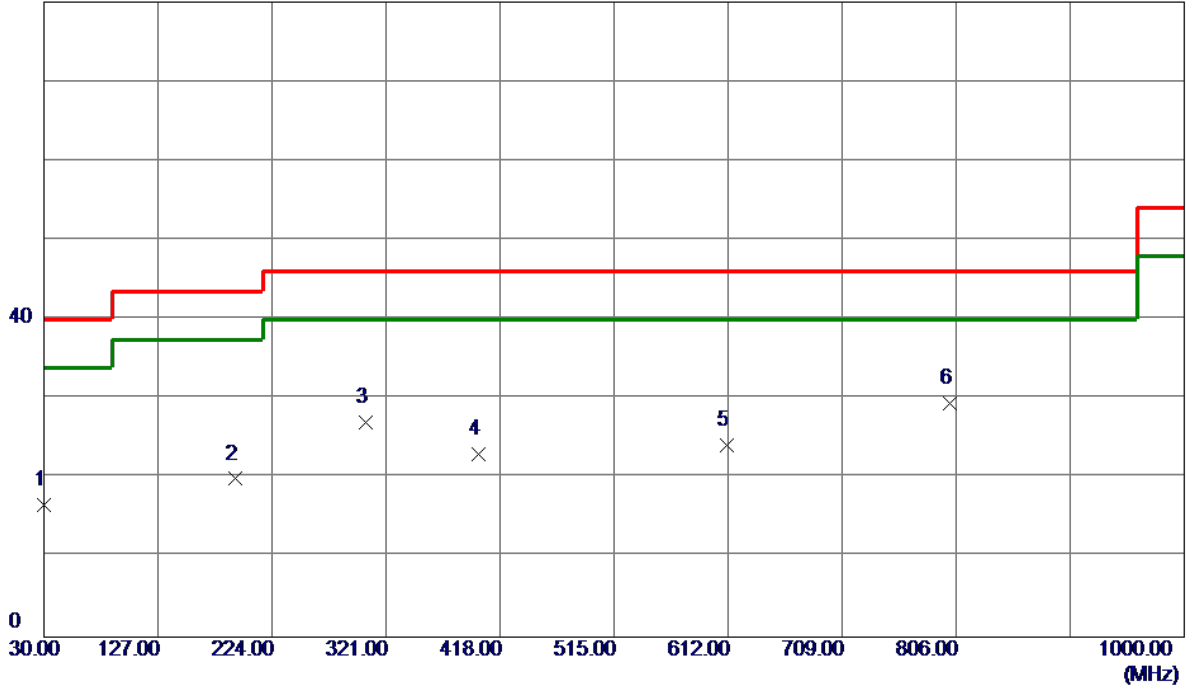
- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.



Test Mode: TX N20 Mode Channel 06

### Horizontal

80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	30.0000	31.59	-15.02	16.57	40.00	-23.43	Peak	
2	192.9600	34.65	-14.73	19.92	43.50	-23.58	Peak	
3	303.5400	38.49	-11.49	27.00	46.00	-19.00	Peak	
4	399.5700	32.62	-9.55	23.07	46.00	-22.93	Peak	
5	611.0300	29.71	-5.56	24.15	46.00	-21.85	Peak	
6 *	800.1800	32.50	-3.01	29.49	46.00	-16.51	Peak	

**REMARKS:**

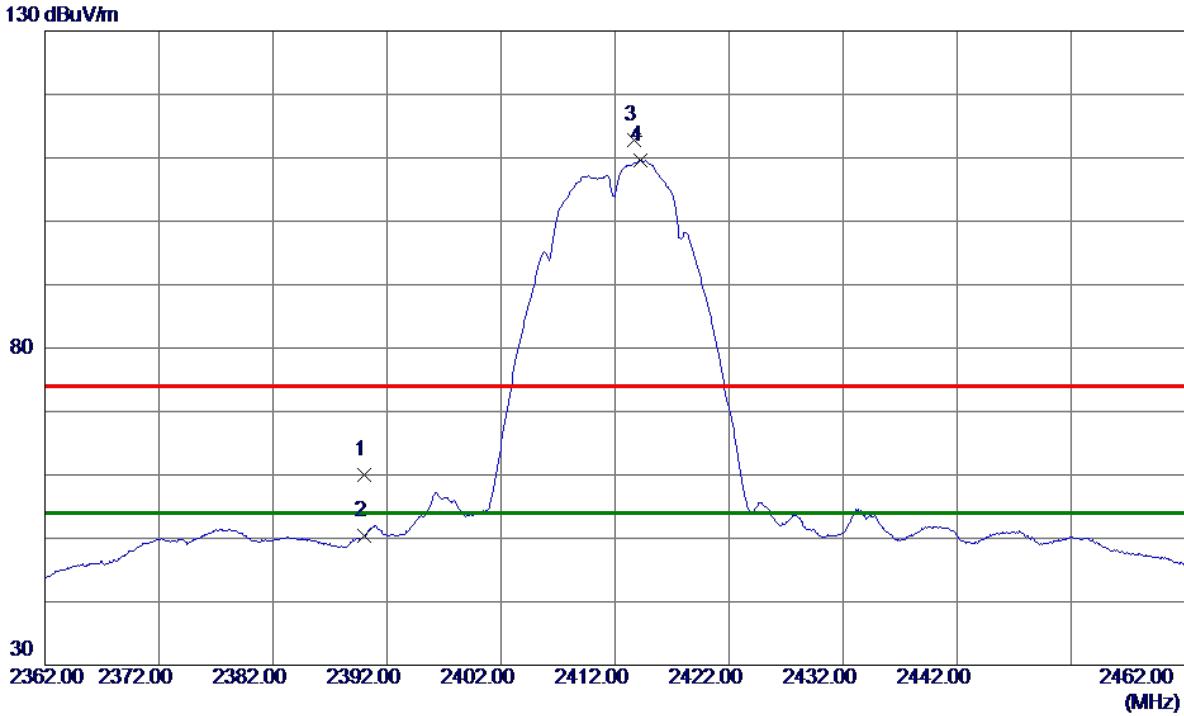
(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

## **APPENDIX D - RADIATED EMISSION- ABOVE 1000 MHZ**

Test Mode: TX B Mode 2412 MHz

### 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	50.00	9.95	59.95	74.00	-14.05	Peak	
2	2390.0000	40.51	9.95	50.46	54.00	-3.54	AVG	
3	2413.7000	102.72	10.04	112.76	74.00	38.76	Peak	No Limit
4 *	2414.2500	99.57	10.04	109.61	54.00	55.61	AVG	No Limit

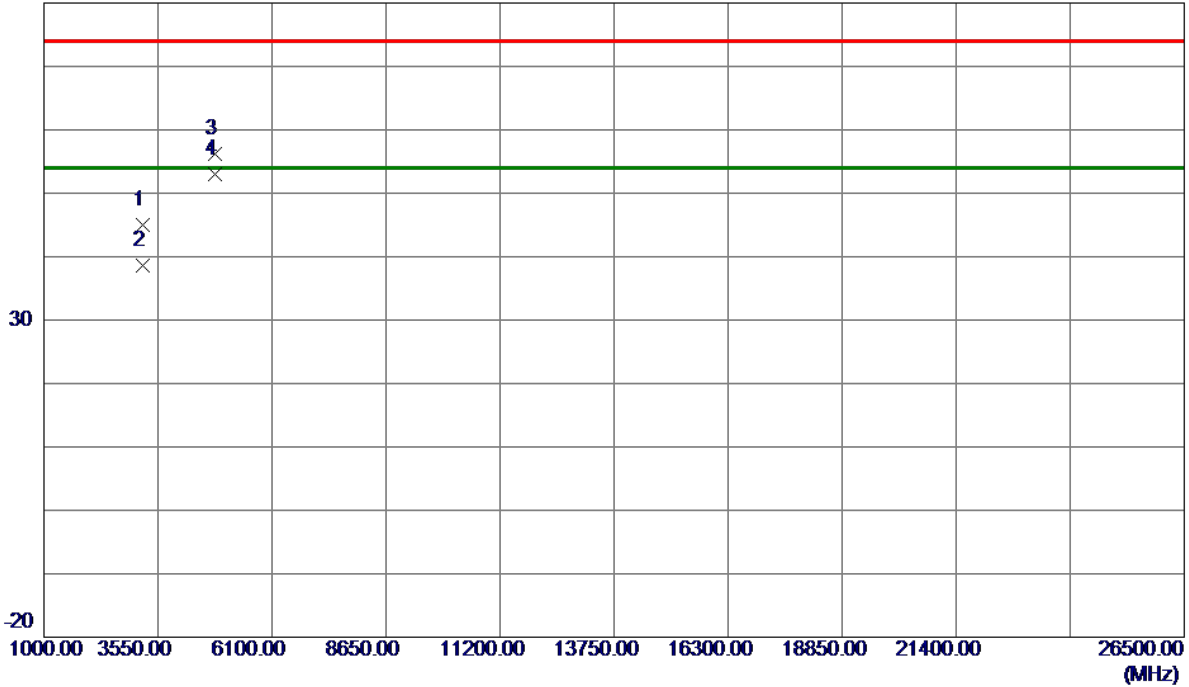
**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX B Mode 2412 MHz

### Vertical

80 dBuV/m



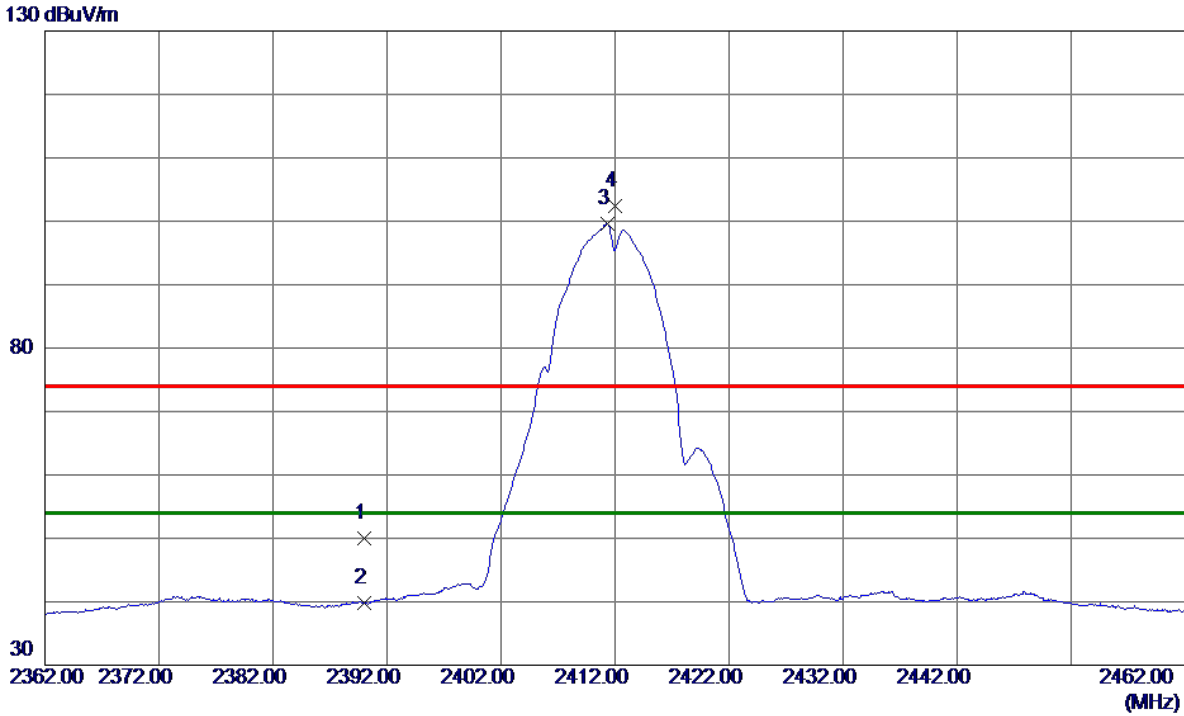
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	3215.8350	41.94	3.09	45.03	74.00	-28.97	Peak	
2	3216.0350	35.53	3.09	38.62	54.00	-15.38	AVG	
3	4823.9049	48.43	7.68	56.11	74.00	-17.89	Peak	
4 *	4824.0050	45.30	7.68	52.98	54.00	-1.02	AVG	

**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX B Mode 2412 MHz

### 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	39.98	9.95	49.93	74.00	-24.07	Peak	
2	2390.0000	29.87	9.95	39.82	54.00	-14.18	AVG	
3 *	2411.3000	89.54	10.03	99.57	54.00	45.57	AVG	No Limit
4	2412.0000	92.31	10.03	102.34	74.00	28.34	Peak	No Limit

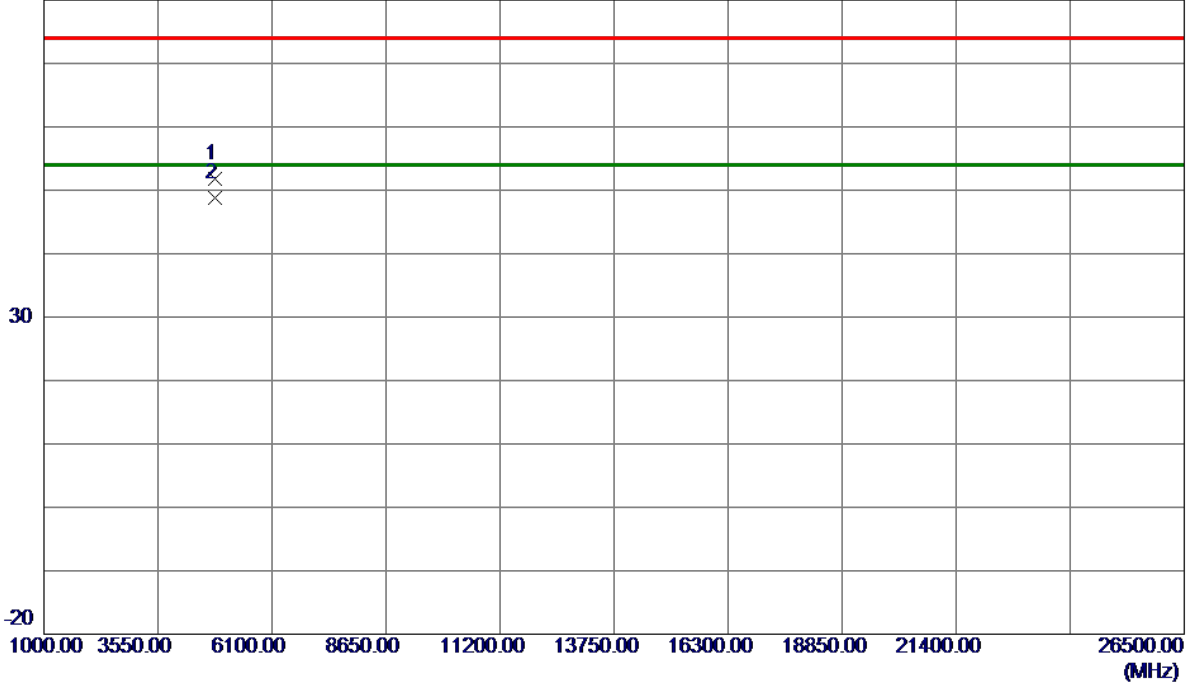
**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX B Mode 2412 MHz

### 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	4824.0500	44.19	7.69	51.88	74.00	-22.12	Peak	
2 *	4824.0500	41.06	7.69	48.75	54.00	-5.25	AVG	

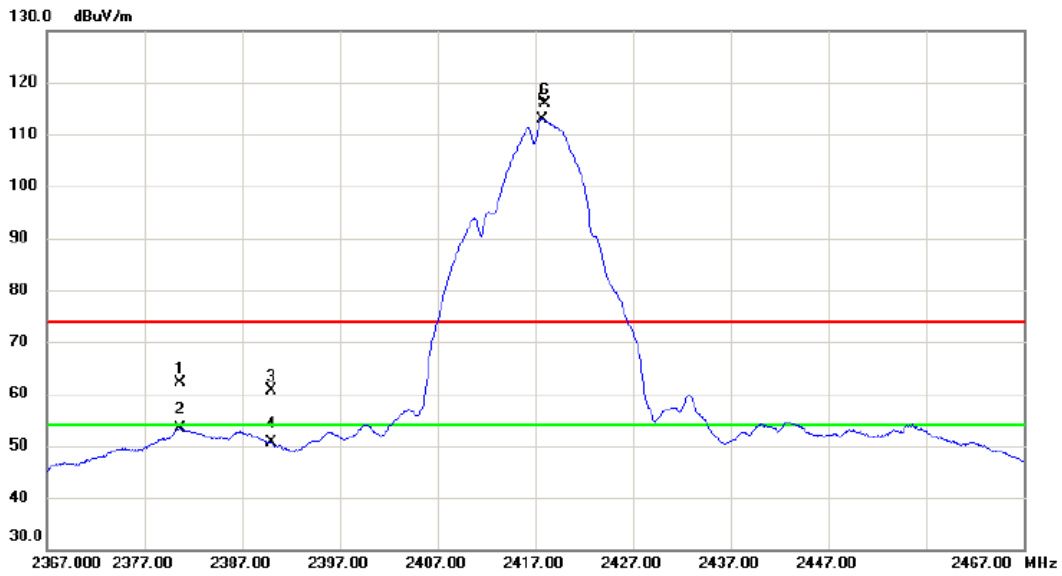
**REMARKS:**

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX B Mode 2417 MHz

### Vertical



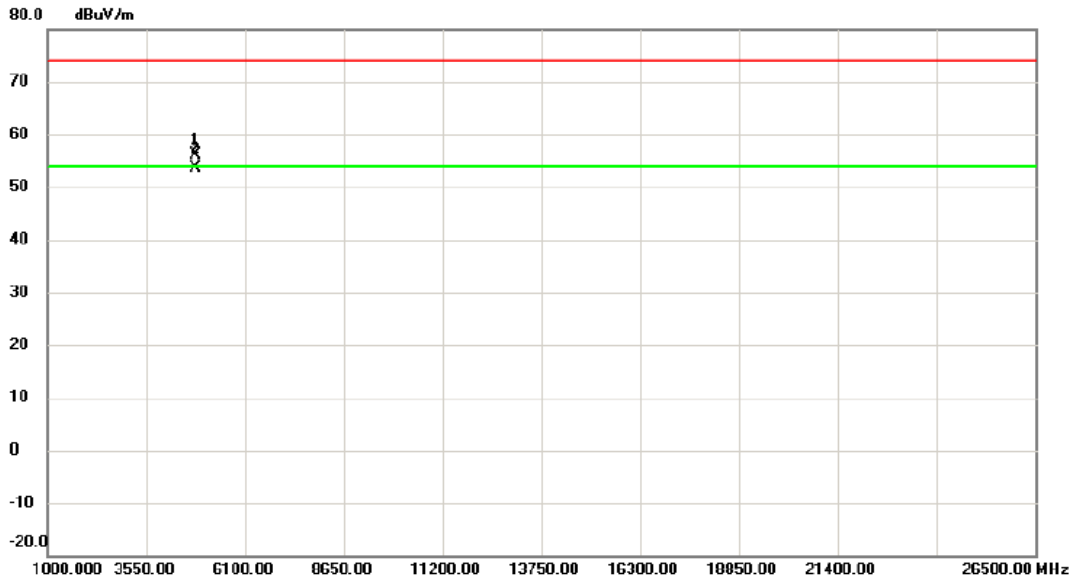
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2380.650	52.18	9.91	62.09	74.00	-11.91	peak	
2		2380.650	43.38	9.91	53.29	54.00	-0.71	AVG	
3		2390.000	50.74	9.95	60.69	74.00	-13.31	peak	
4		2390.000	40.68	9.95	50.63	54.00	-3.37	AVG	
5	*	2417.750	102.93	10.05	112.98	54.00	58.98	AVG	No Limit
6	X	2417.950	105.94	10.05	115.99	74.00	41.99	peak	No Limit

**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX B Mode 2417 MHz

### Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		4833.865	48.29	7.72	56.01	74.00	-17.99	peak	
2	*	4834.035	45.84	7.72	53.56	54.00	-0.44	AVG	

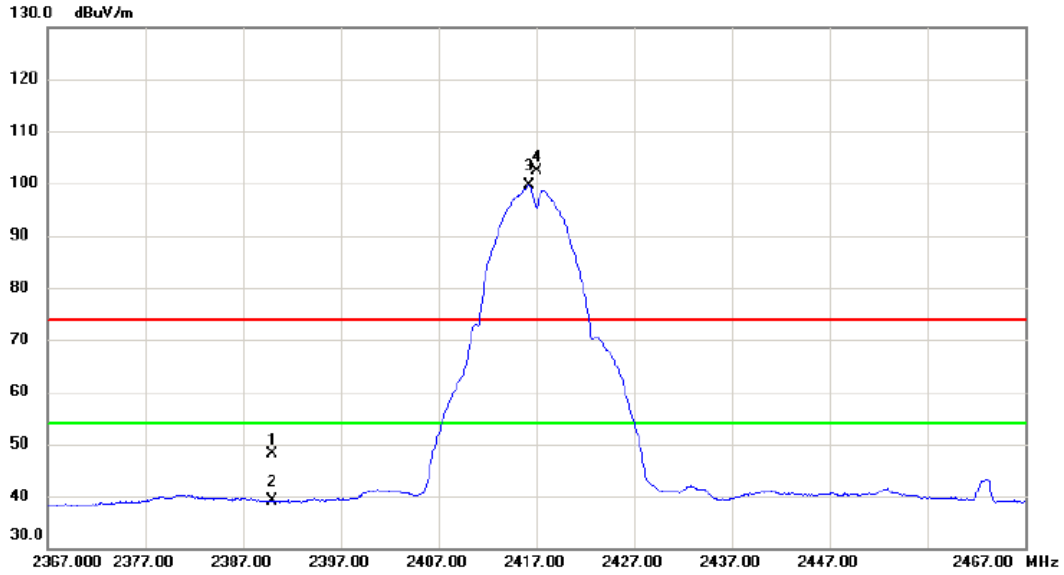
**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.



Test Mode: TX B Mode 2417 MHz

### Horizontal



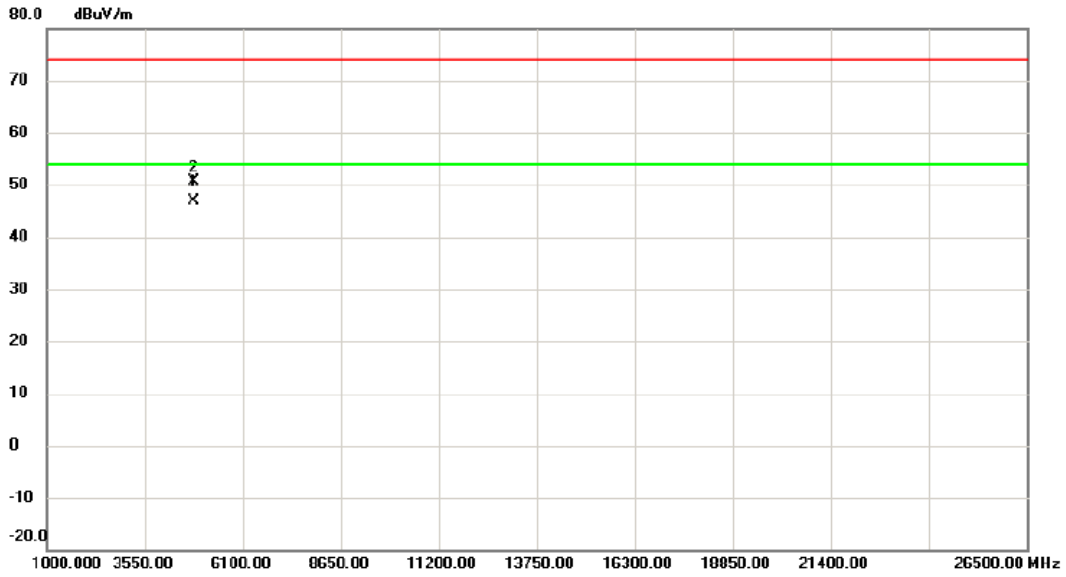
No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.000	38.11	9.95	48.06	74.00	-25.94	peak	
2	2390.000	29.20	9.95	39.15	54.00	-14.85	AVG	
3 *	2416.300	89.59	10.05	99.64	54.00	45.64	AVG	No Limit
4 X	2417.000	92.42	10.05	102.47	74.00	28.47	peak	No Limit

**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX B Mode 2417 MHz

### Horizontal



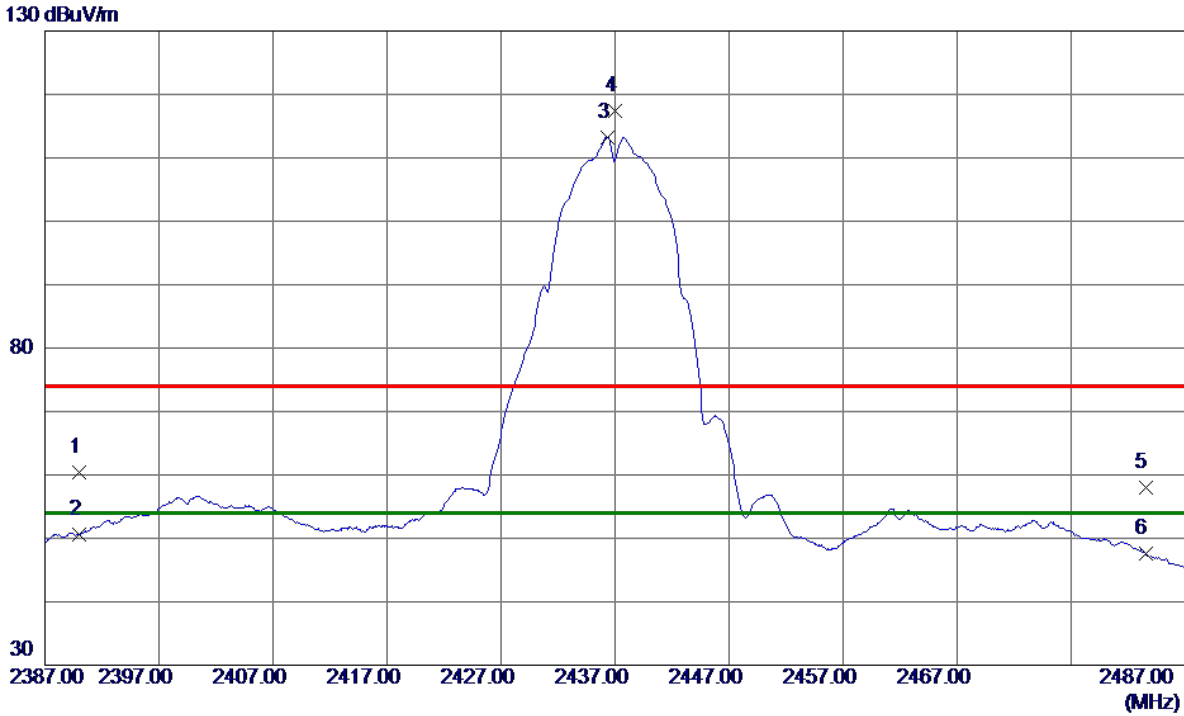
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	4834.060	39.24	7.72	46.96	54.00	-7.04	AVG	
2		4834.115	42.87	7.72	50.59	74.00	-23.41	peak	

**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX B Mode 2437 MHz

### Vertical



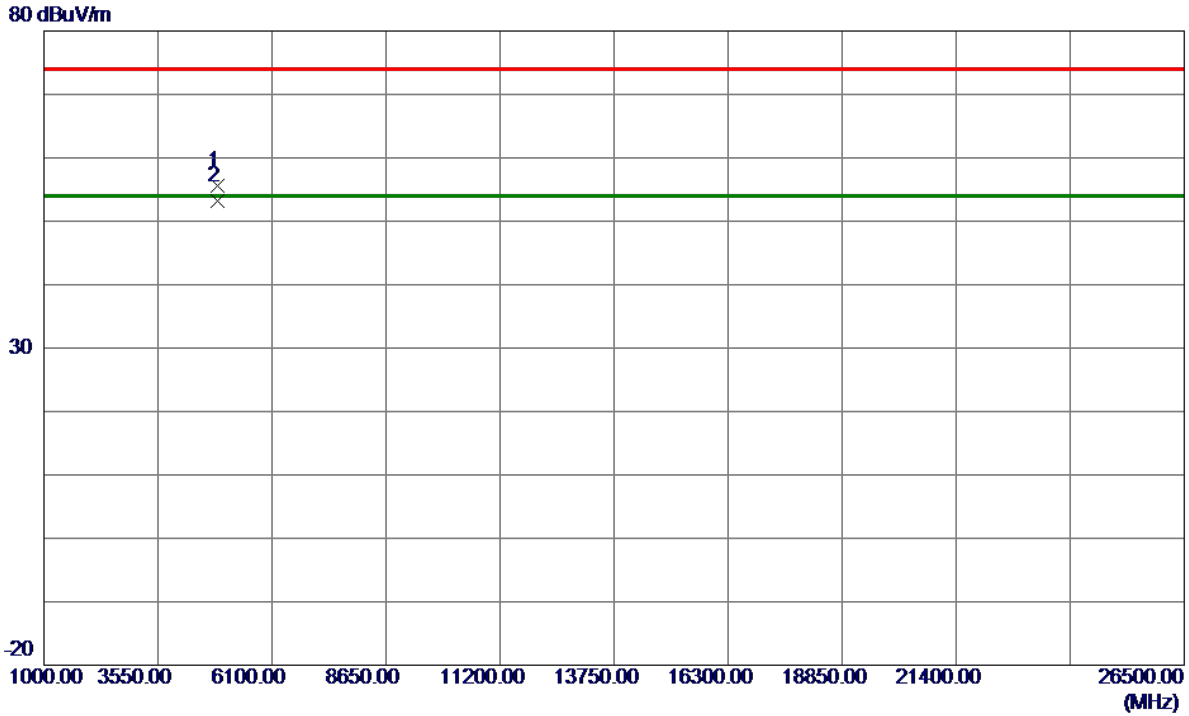
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	50.41	9.95	60.36	74.00	-13.64	Peak	
2	2390.0000	40.68	9.95	50.63	54.00	-3.37	AVG	
3 *	2436.3500	103.08	10.12	113.20	54.00	59.20	AVG	No Limit
4	2436.9500	107.24	10.12	117.36	74.00	43.36	Peak	No Limit
5	2483.5000	47.73	10.30	58.03	74.00	-15.97	Peak	
6	2483.5000	37.33	10.30	47.63	54.00	-6.37	AVG	

**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX B Mode 2437 MHz

### Vertical



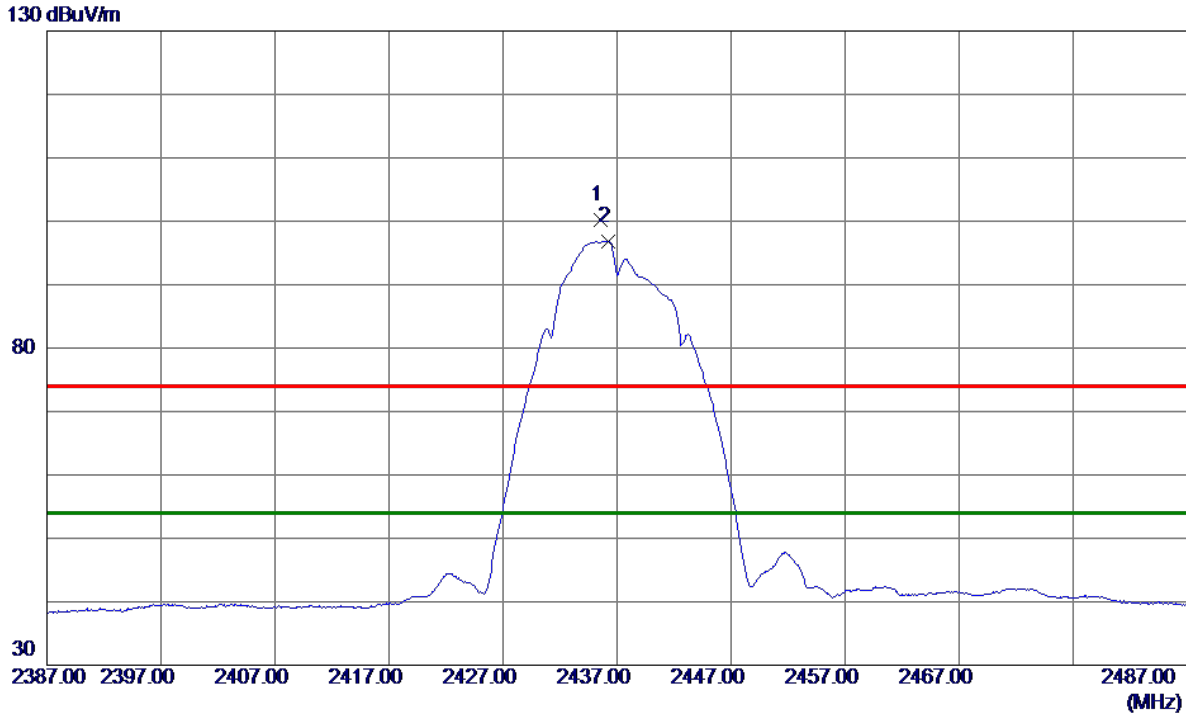
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4873.9600	47.68	7.89	55.57	74.00	-18.43	Peak	
2 *	4874.0150	45.40	7.89	53.29	54.00	-0.71	AVG	

**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX B Mode 2437 MHz

### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2435.6000	90.17	10.12	100.29	74.00	26.29	Peak	No Limit
2 *	2436.2000	86.72	10.12	96.84	54.00	42.84	AVG	No Limit

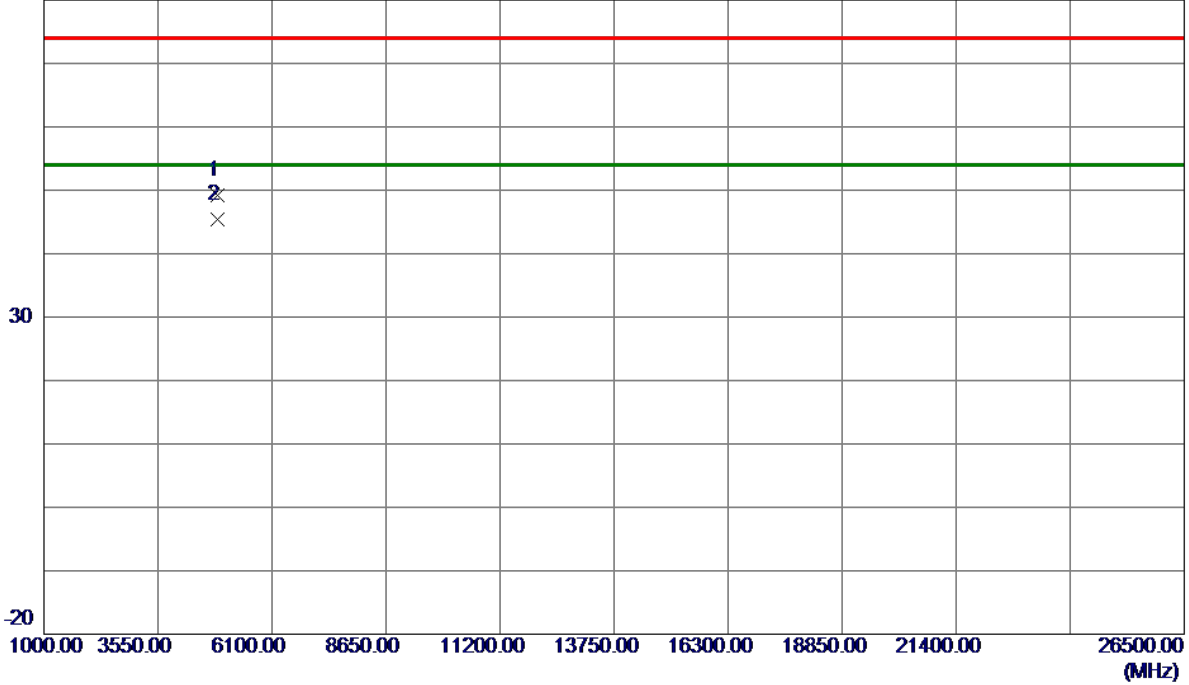
**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX B Mode 2437 MHz

### 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	4873.8750	41.36	7.89	49.25	74.00	-24.75	Peak	
2 *	4874.0250	37.55	7.89	45.44	54.00	-8.56	AVG	

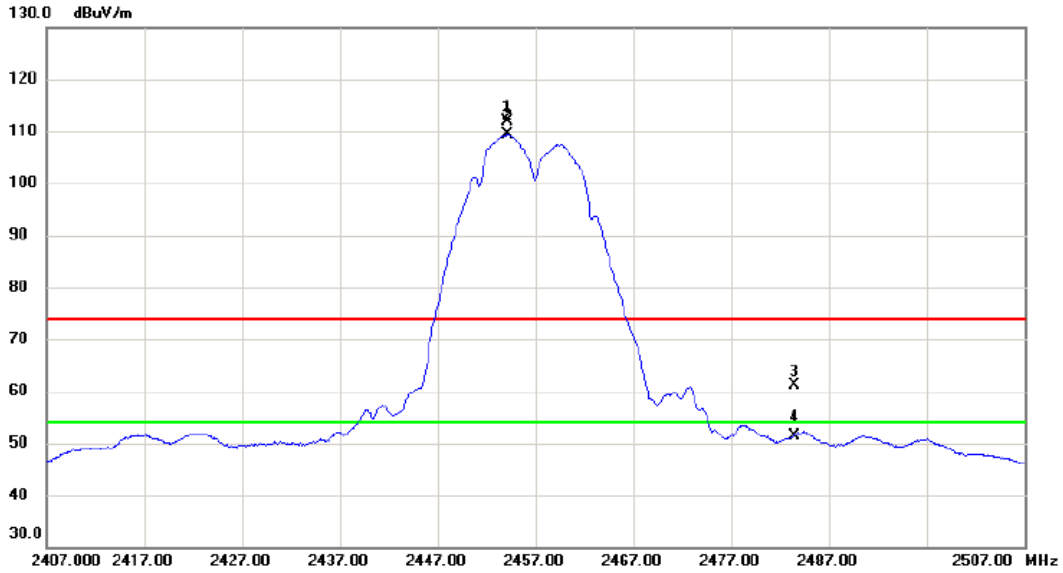
**REMARKS:**

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX B Mode 2457 MHz

### Vertical



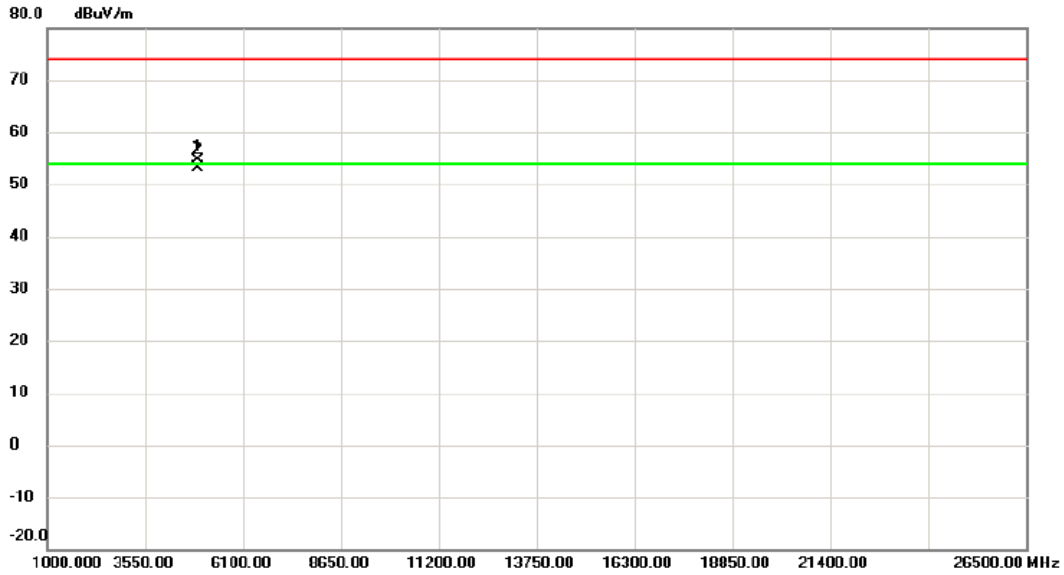
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	2454.100	101.63	10.19	111.82	74.00	37.82	peak	No Limit
2	*	2454.200	99.29	10.19	109.48	54.00	55.48	AVG	No Limit
3		2483.500	50.79	10.29	61.08	74.00	-12.92	peak	
4		2483.500	41.21	10.29	51.50	54.00	-2.50	AVG	

**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX B Mode 2457 MHz

### Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		4913.960	46.66	8.05	54.71	74.00	-19.29	peak	
2	*	4914.020	44.98	8.05	53.03	54.00	-0.97	AVG	

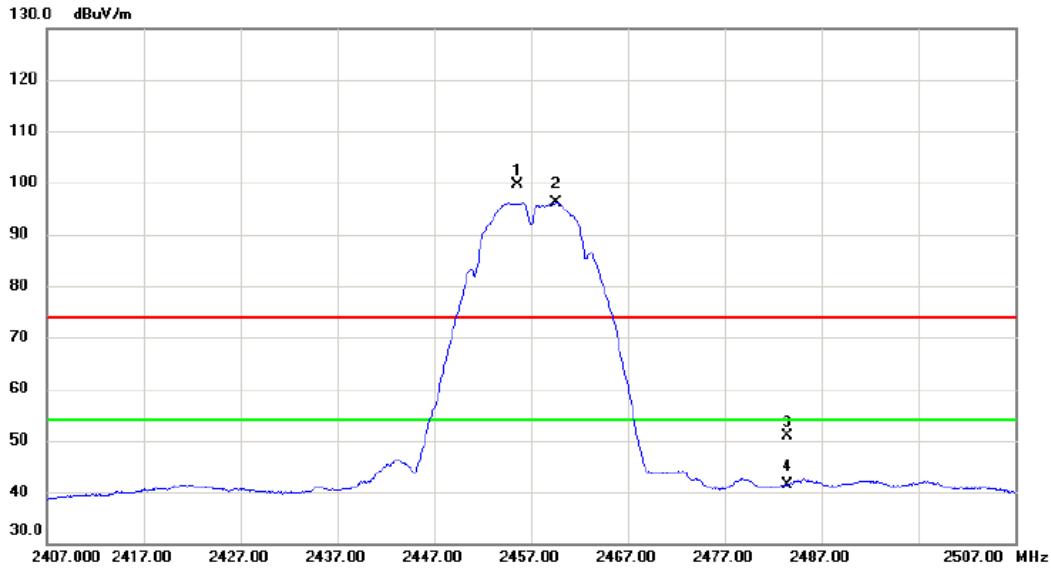
**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.



Test Mode: TX B Mode 2457 MHz

### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	2455.550	89.33	10.19	99.52	74.00	25.52	peak	No Limit
2	*	2459.650	85.93	10.20	96.13	54.00	42.13	AVG	No Limit
3		2483.500	40.69	10.29	50.98	74.00	-23.02	peak	
4		2483.500	31.04	10.29	41.33	54.00	-12.67	AVG	

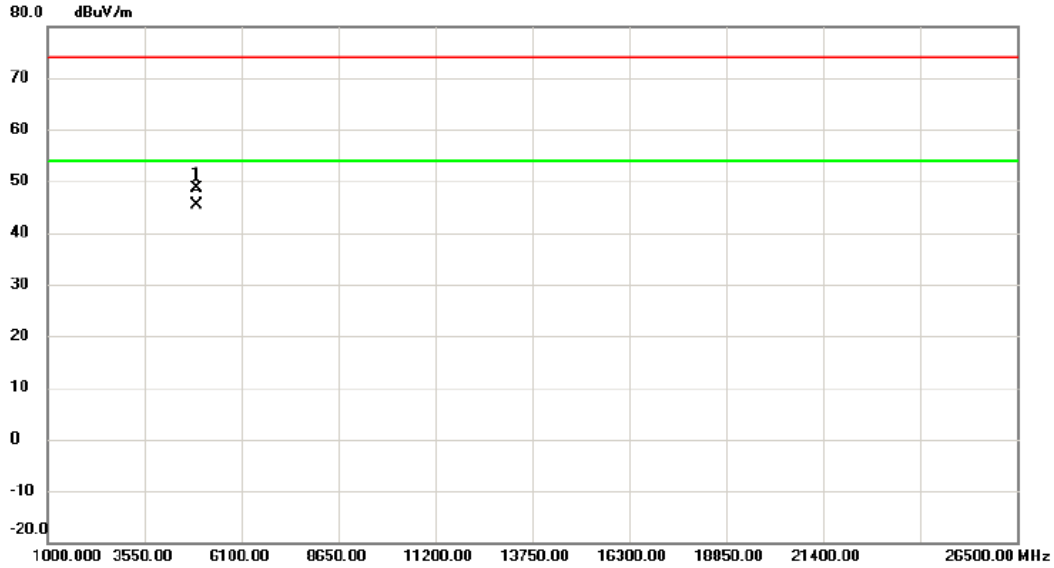
**REMARKS:**

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX B Mode 2457 MHz

### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		4913.965	40.47	8.05	48.52	74.00	-25.48	peak	
2 *		4914.060	37.21	8.05	45.26	54.00	-8.74	AVG	

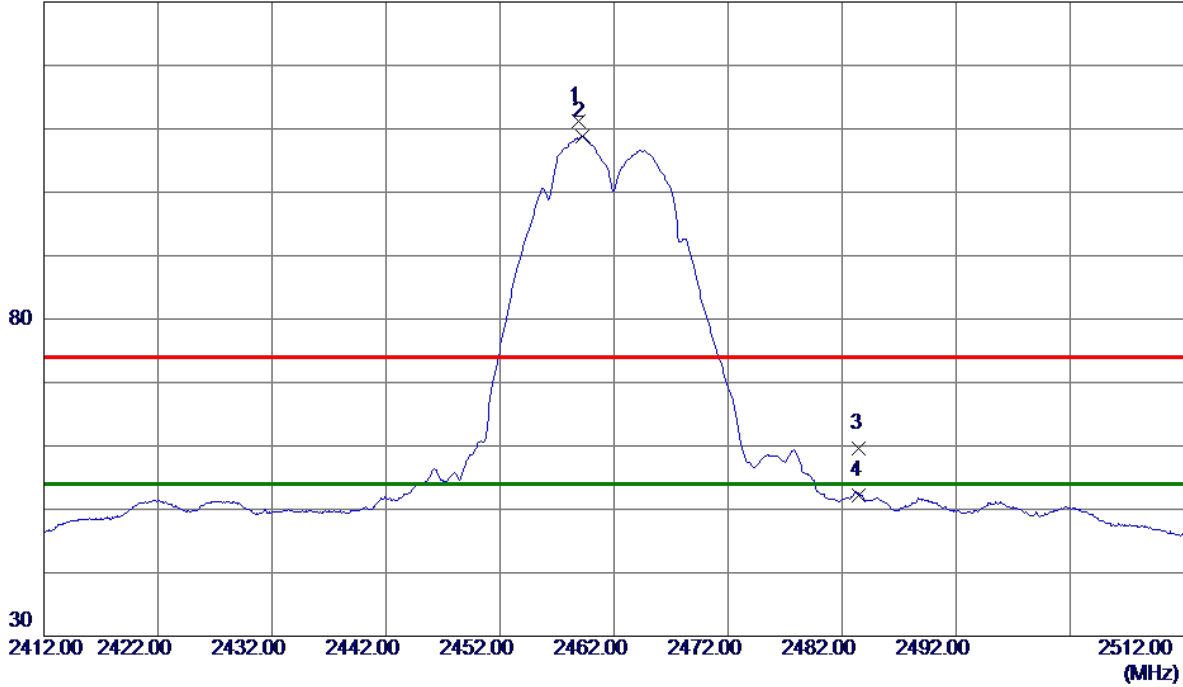
**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX B Mode 2462 MHz

### Vertical

130 dBuV/m



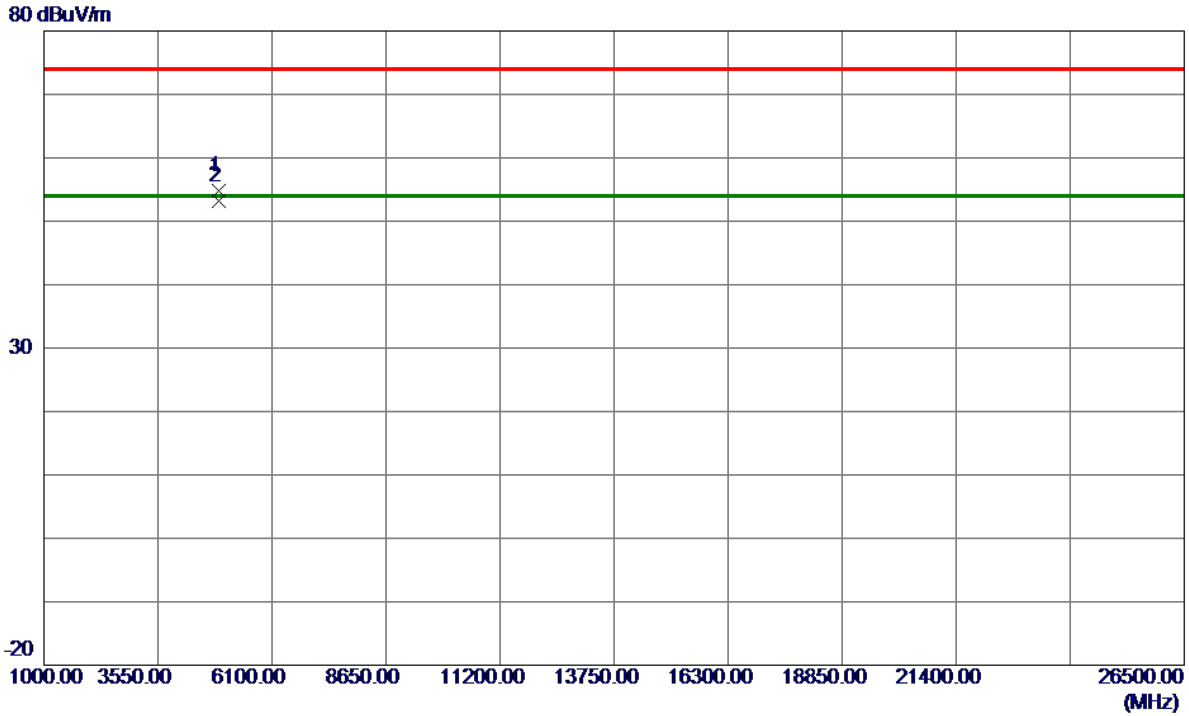
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2458.9000	100.98	10.21	111.19	74.00	37.19	Peak	No Limit
2 *	2459.2000	98.57	10.21	108.78	54.00	54.78	AVG	No Limit
3	2483.5000	49.26	10.30	59.56	74.00	-14.44	Peak	
4	2483.5000	41.88	10.30	52.18	54.00	-1.82	AVG	

**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX B Mode 2462 MHz

### Vertical



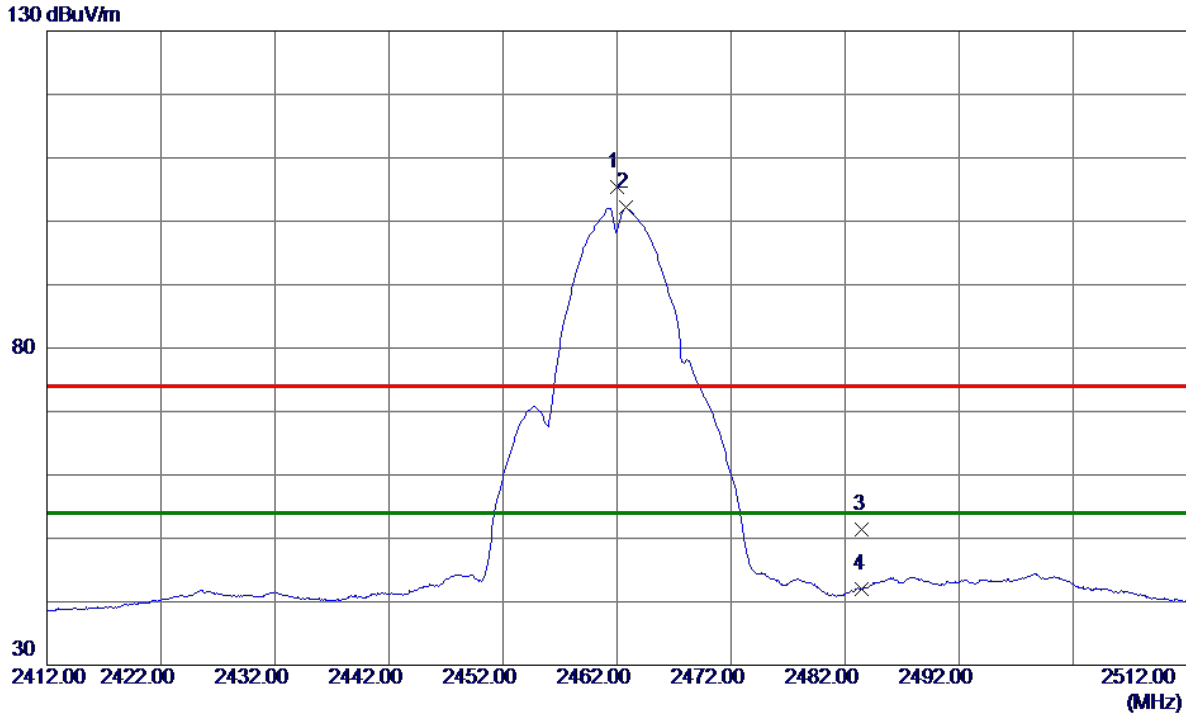
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4923.8750	46.75	8.10	54.85	74.00	-19.15	Peak	
2 *	4924.0050	45.03	8.10	53.13	54.00	-0.87	AVG	

**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX B Mode 2462 MHz

### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2462.0000	95.17	10.22	105.39	74.00	31.39	Peak	No Limit
2 *	2462.7500	91.96	10.22	102.18	54.00	48.18	AVG	No Limit
3	2483.5000	41.04	10.30	51.34	74.00	-22.66	Peak	
4	2483.5000	31.71	10.30	42.01	54.00	-11.99	AVG	

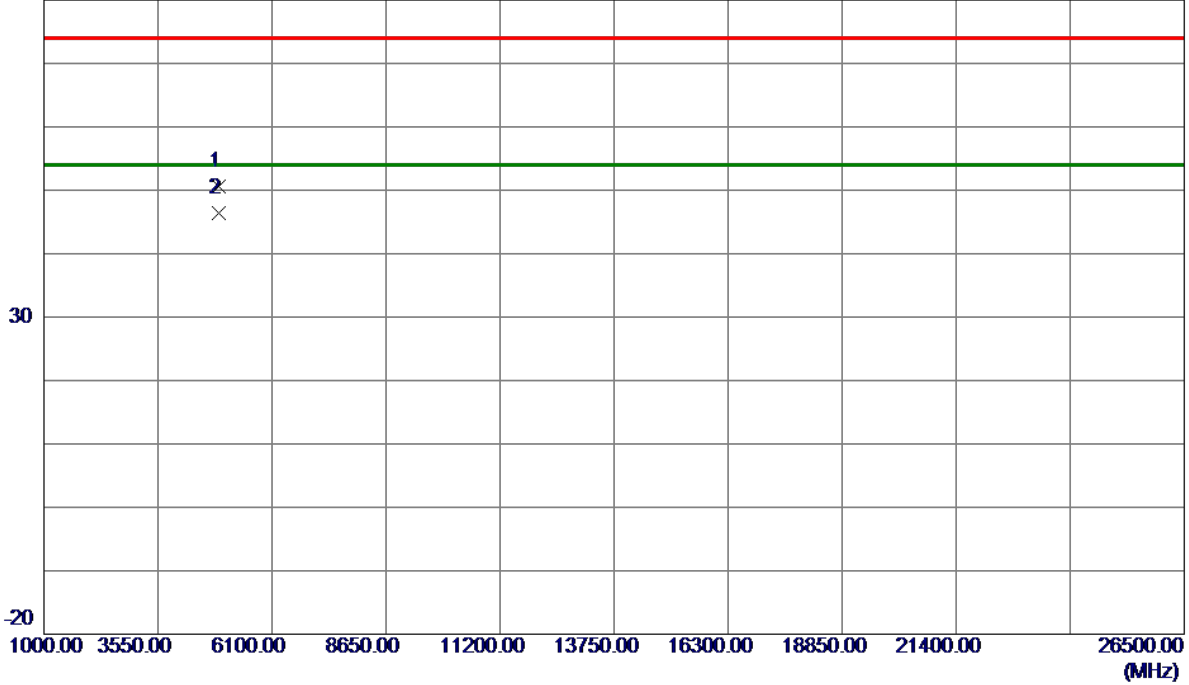
**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX B Mode 2462 MHz

### 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	4923.9049	42.55	8.10	50.65	74.00	-23.35	Peak	
2 *	4924.0000	38.37	8.10	46.47	54.00	-7.53	AVG	

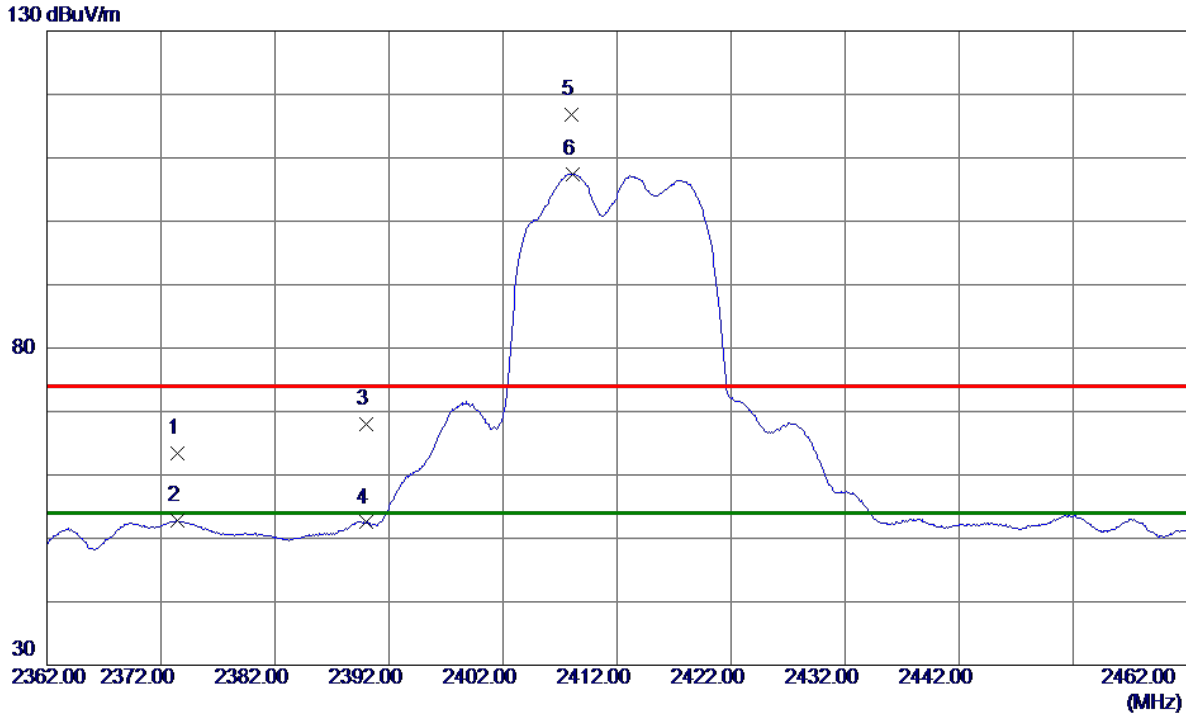
**REMARKS:**

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX G Mode 2412 MHz

### Vertical



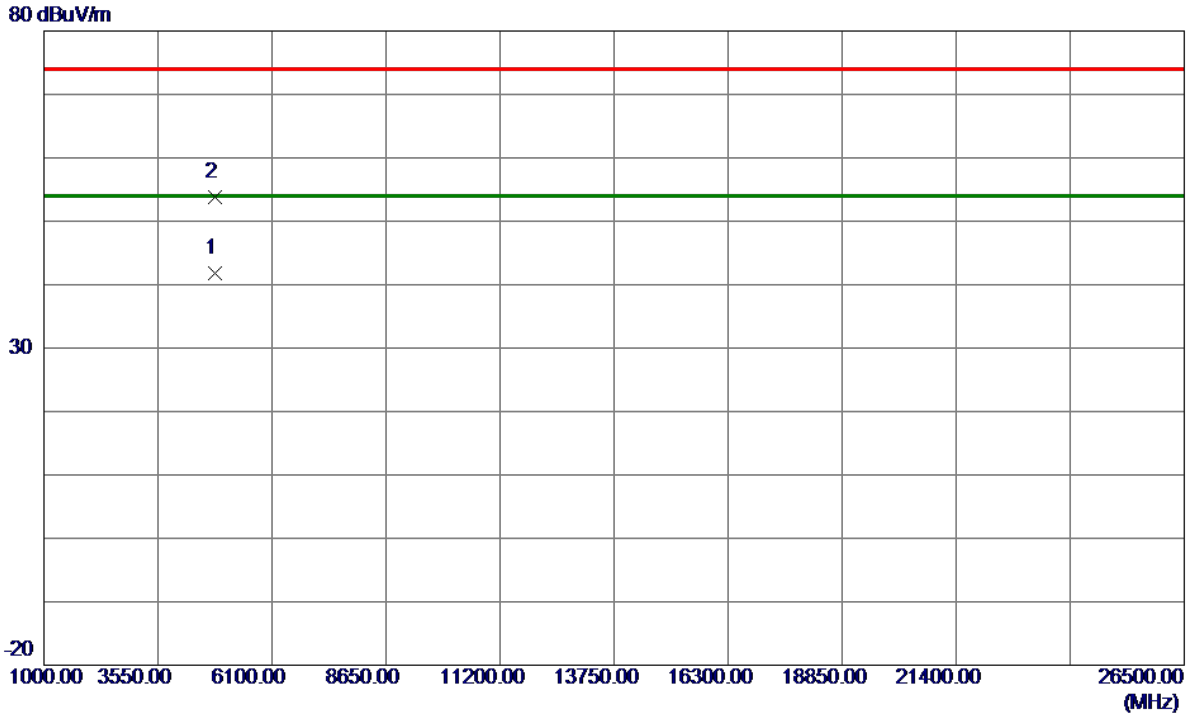
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2373.4000	53.45	9.88	63.33	74.00	-10.67	Peak	
2	2373.4000	42.85	9.88	52.73	54.00	-1.27	AVG	
3	2390.0000	58.08	9.95	68.03	74.00	-5.97	Peak	
4	2390.0000	42.55	9.95	52.50	54.00	-1.50	AVG	
5	2407.9500	106.69	10.01	116.70	74.00	42.70	Peak	No Limit
6 *	2408.1500	97.47	10.01	107.48	54.00	53.48	AVG	No Limit

**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX G Mode 2412 MHz

### Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4822.0000	34.07	7.68	41.75	54.00	-12.25	AVG	
2	4823.4500	46.18	7.68	53.86	74.00	-20.14	Peak	

**REMARKS:**

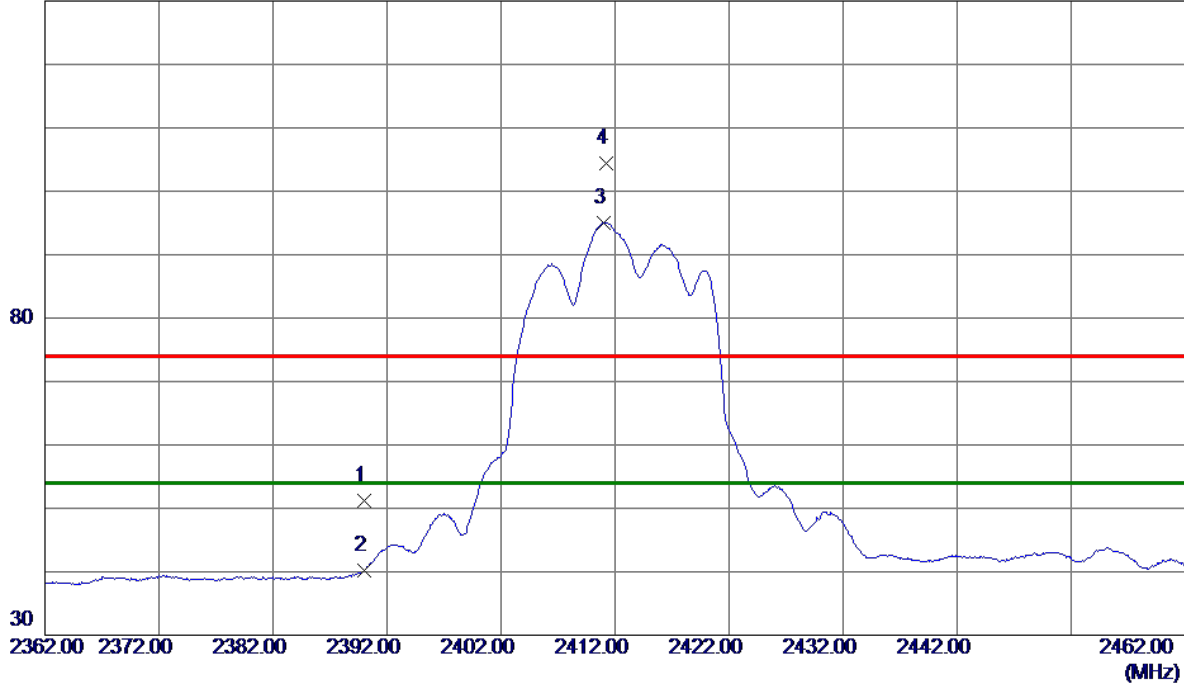
- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.



Test Mode: TX G Mode 2412 MHz

### Horizontal

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	41.18	9.95	51.13	74.00	-22.87	Peak	
2	2390.0000	30.22	9.95	40.17	54.00	-13.83	AVG	
3 *	2411.0500	85.06	10.03	95.09	54.00	41.09	AVG	No Limit
4	2411.2500	94.34	10.03	104.37	74.00	30.37	Peak	No Limit

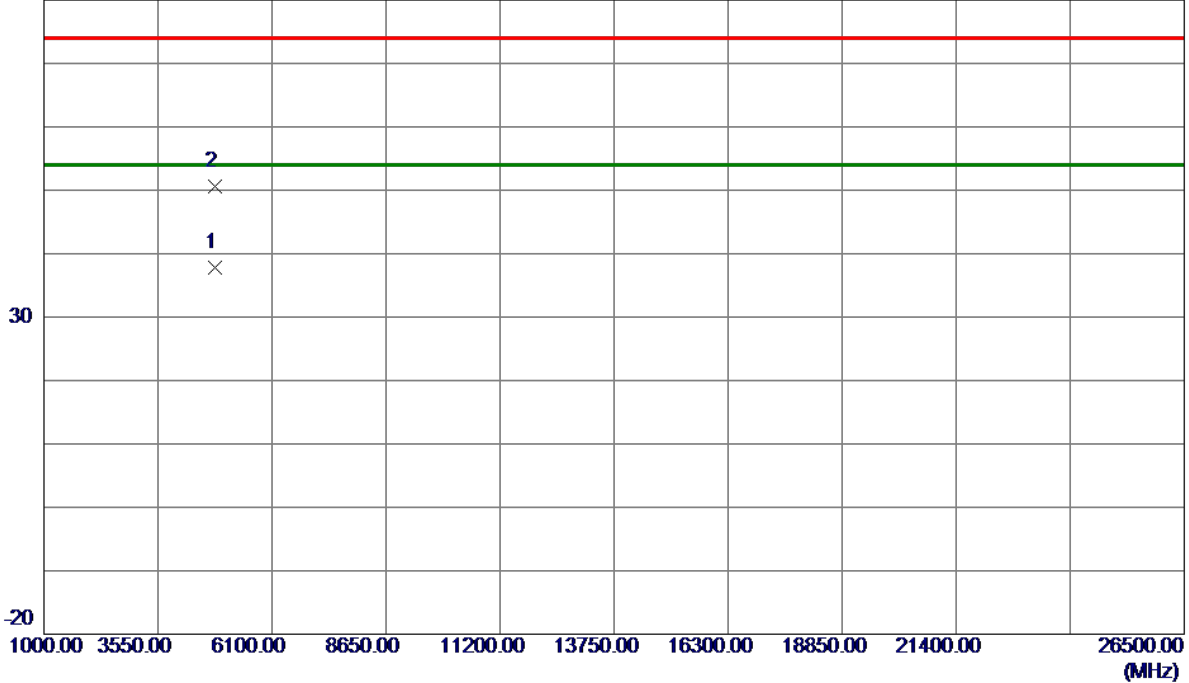
**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX G Mode 2412 MHz

### Horizontal

80 dBuV/m



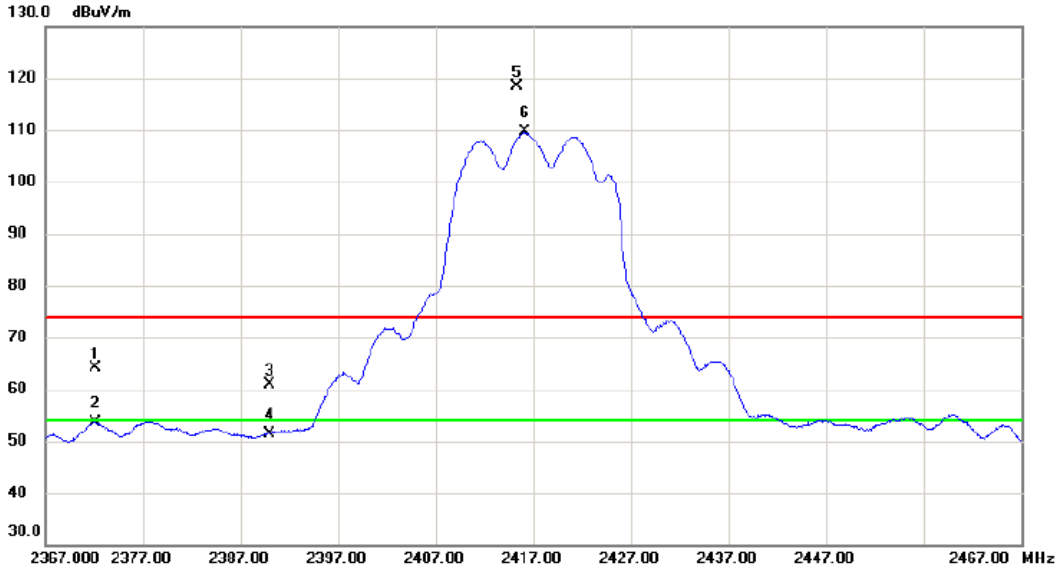
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4822.0000	30.10	7.68	37.78	54.00	-16.22	AVG	
2	4822.4750	42.89	7.68	50.57	74.00	-23.43	Peak	

**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX G Mode 2417 MHz

### Vertical



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2372.100	54.18	9.88	64.06	74.00	-9.94	peak	
2	2372.100	43.78	9.88	53.66	54.00	-0.34	AVG	
3	2390.000	50.95	9.95	60.90	74.00	-13.10	peak	
4	2390.000	41.52	9.95	51.47	54.00	-2.53	AVG	
5 X	2415.300	108.30	10.04	118.34	74.00	44.34	peak	No Limit
6 *	2416.150	99.55	10.05	109.60	54.00	55.60	AVG	No Limit

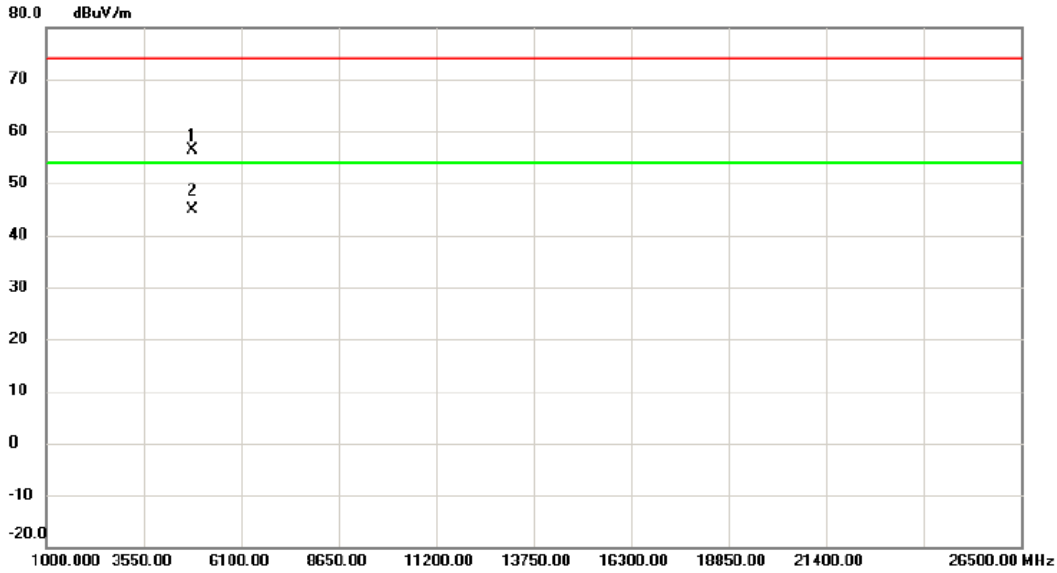
**REMARKS:**

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX G Mode 2417 MHz

### Vertical



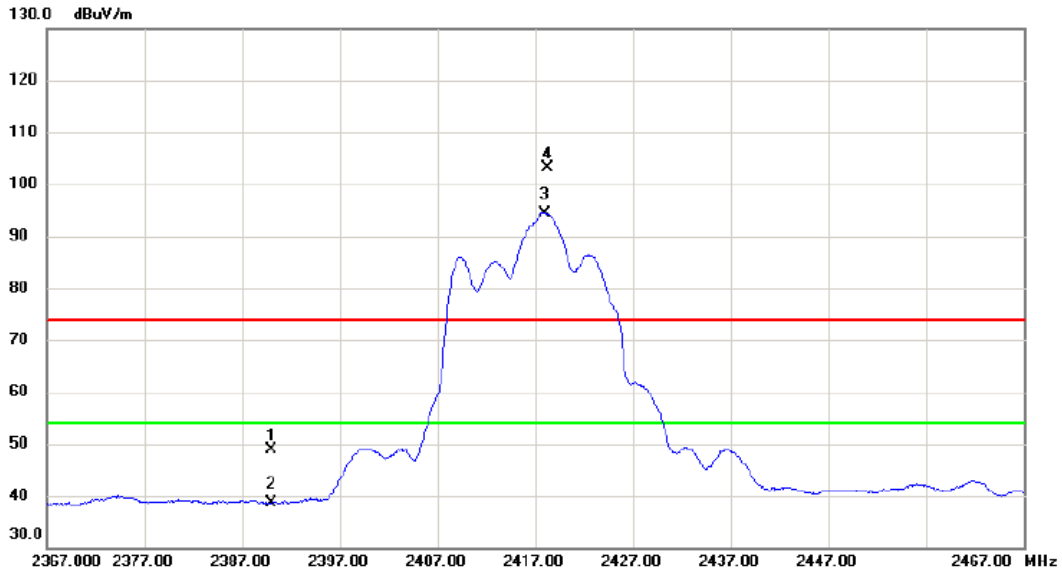
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		4832.100	48.60	7.71	56.31	74.00	-17.69	peak	
2	*	4832.650	37.05	7.72	44.77	54.00	-9.23	AVG	

**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX G Mode 2417 MHz

### Horizontal



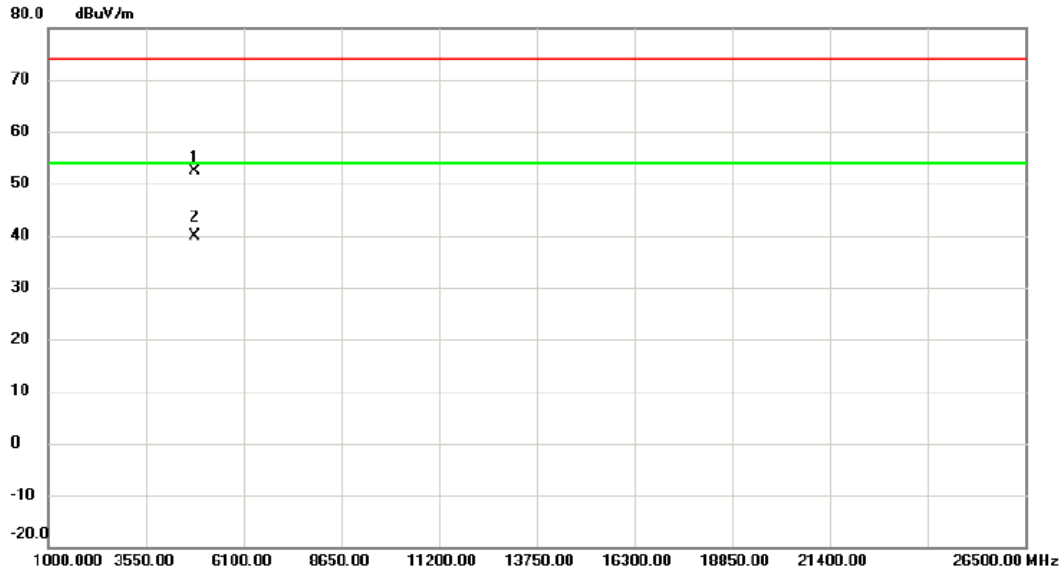
No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.000	38.88	9.95	48.83	74.00	-25.17	peak	
2	2390.000	28.72	9.95	38.67	54.00	-15.33	AVG	
3 *	2418.000	84.35	10.05	94.40	54.00	40.40	AVG	No Limit
4 X	2418.250	93.12	10.06	103.18	74.00	29.18	peak	No Limit

**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX G Mode 2417 MHz

### Horizontal



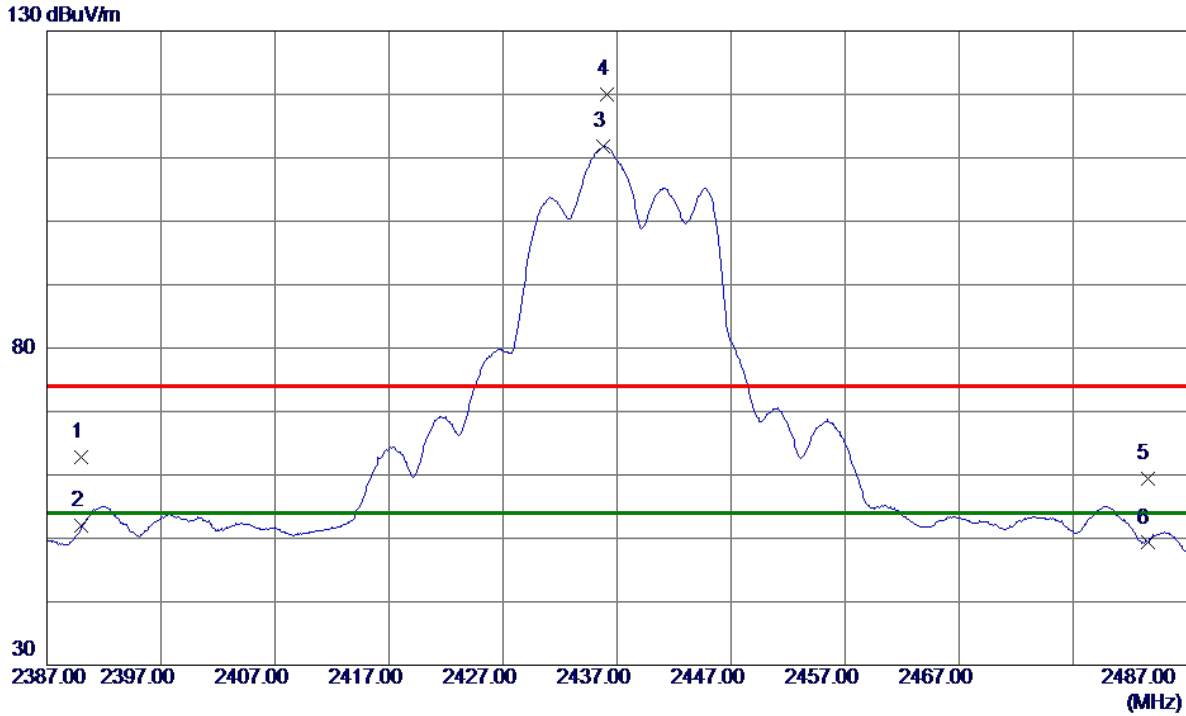
No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4831.700	44.58	7.71	52.29	74.00	-21.71	peak	
2 *	4831.875	32.26	7.71	39.97	54.00	-14.03	AVG	

**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX G Mode 2437 MHz

### 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	52.90	9.95	62.85	74.00	-11.15	Peak	
2	2390.0000	42.02	9.95	51.97	54.00	-2.03	AVG	
3 *	2435.8000	101.74	10.12	111.86	54.00	57.86	AVG	No Limit
4	2436.1500	109.87	10.12	119.99	74.00	45.99	Peak	No Limit
5	2483.5000	49.16	10.30	59.46	74.00	-14.54	Peak	
6	2483.5000	39.00	10.30	49.30	54.00	-4.70	AVG	

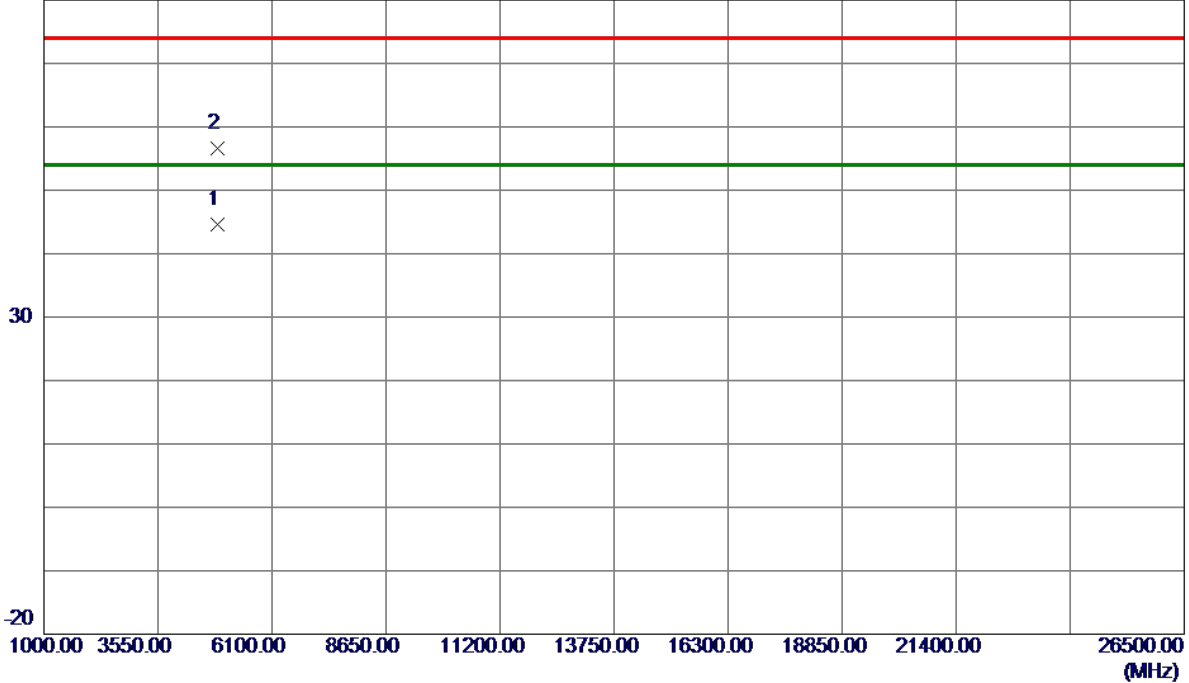
**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX G Mode 2437 MHz

### 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 *	4871.3500	36.65	7.88	44.53	54.00	-9.47	AVG	
2	4871.8750	48.67	7.88	56.55	74.00	-17.45	Peak	

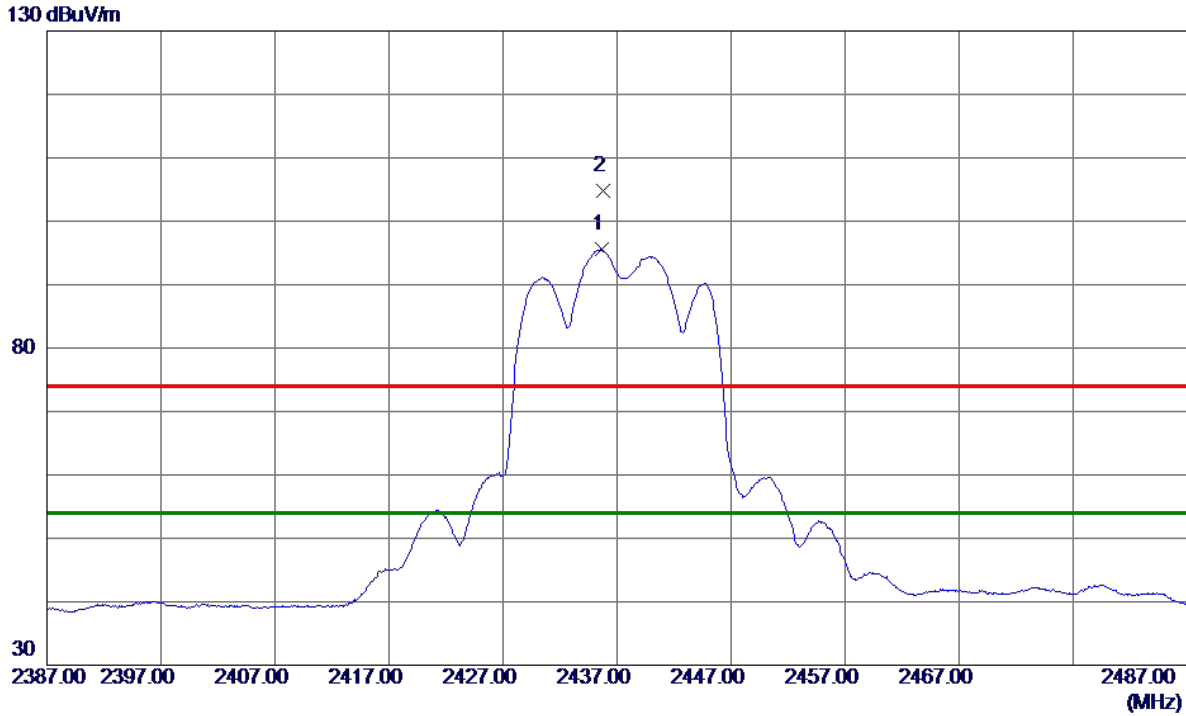
**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.



Test Mode: TX G Mode 2437 MHz

### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2435.6500	85.41	10.12	95.53	54.00	41.53	AVG	No Limit
2	2435.7500	94.62	10.12	104.74	74.00	30.74	Peak	No Limit

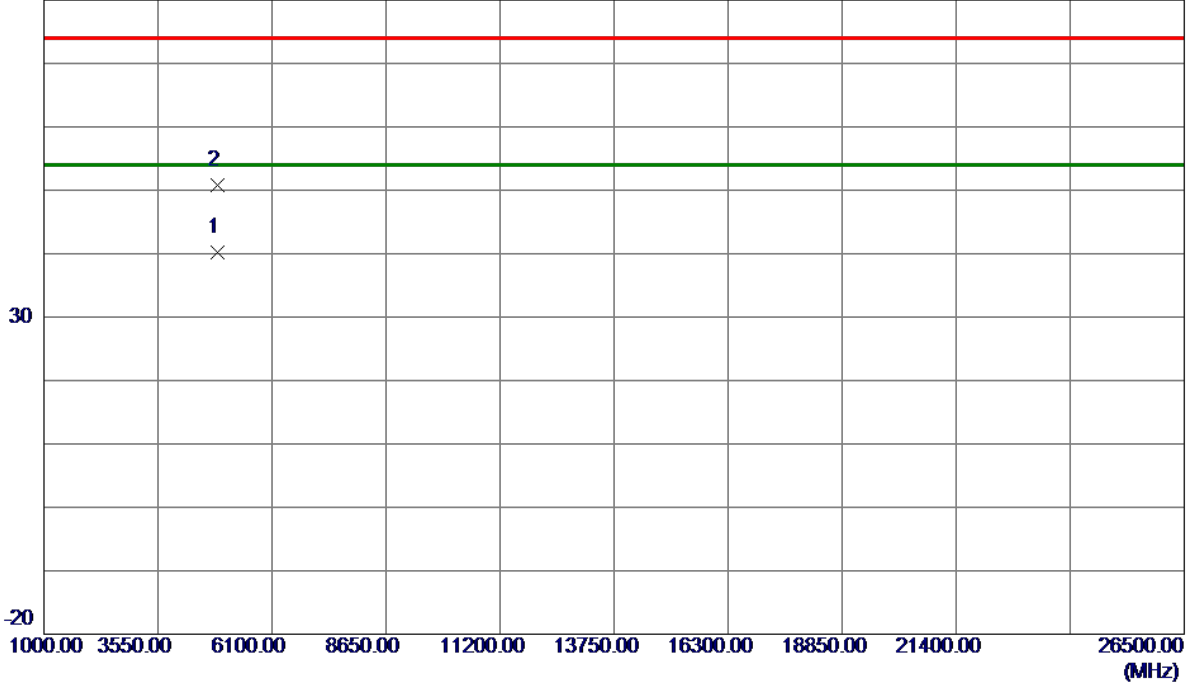
**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX G Mode 2437 MHz

### Horizontal

80 dBuV/m



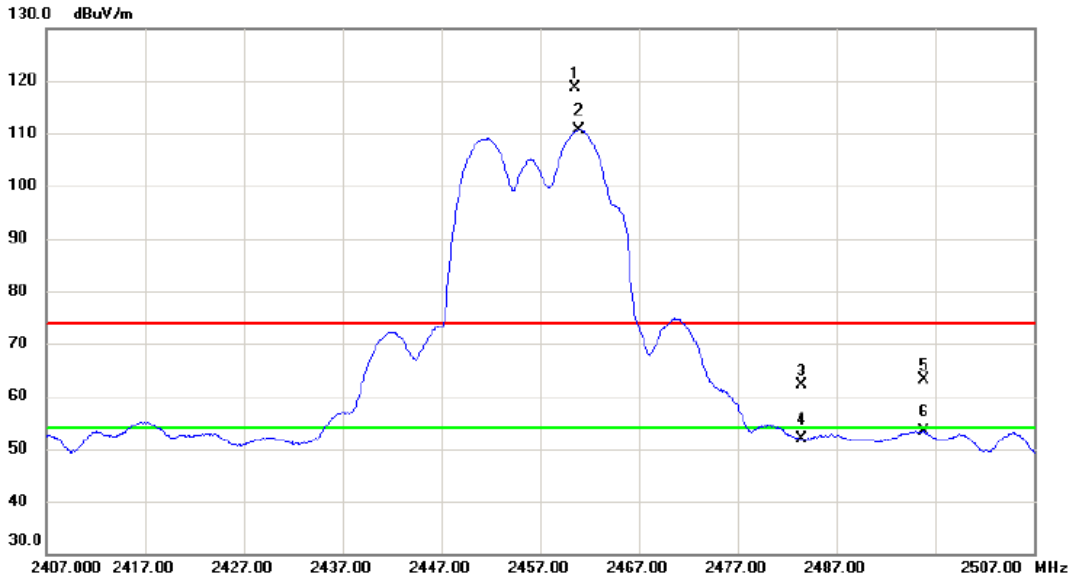
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4871.4750	32.28	7.88	40.16	54.00	-13.84	AVG	
2	4872.5000	42.89	7.88	50.77	74.00	-23.23	Peak	

**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX G Mode 2457 MHz

### Vertical



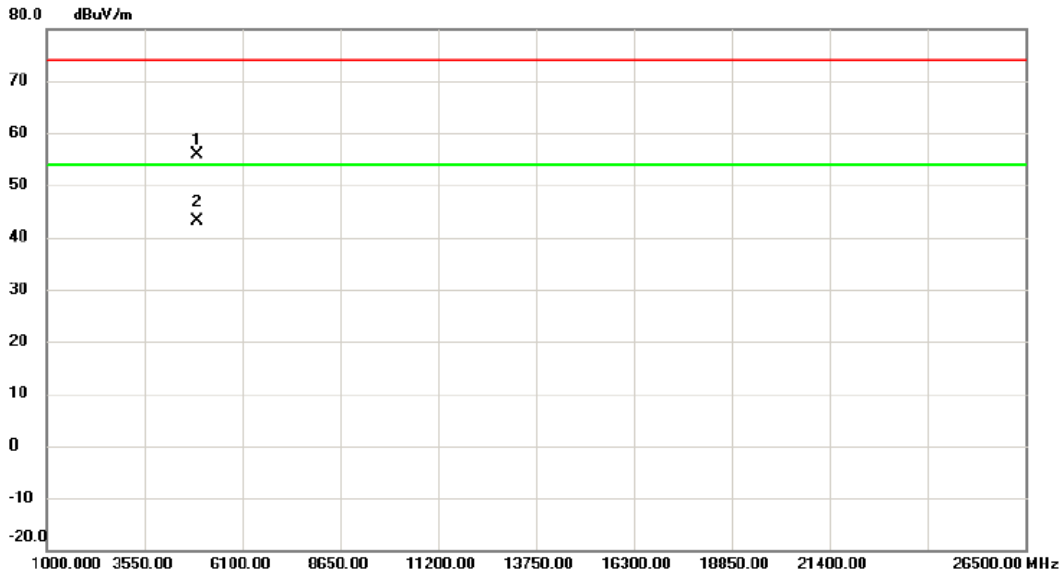
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	2460.500	108.44	10.20	118.64	74.00	44.64	peak	No Limit
2	*	2460.950	100.39	10.20	110.59	54.00	56.59	AVG	No Limit
3		2483.500	51.79	10.29	62.08	74.00	-11.92	peak	
4		2483.500	41.58	10.29	51.87	54.00	-2.13	AVG	
5		2495.800	52.66	10.35	63.01	74.00	-10.99	peak	
6		2495.800	42.97	10.35	53.32	54.00	-0.68	AVG	

**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX G Mode 2457 MHz

### Vertical



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4911.425	47.81	8.05	55.86	74.00	-18.14	peak	
2 *	4912.225	35.03	8.05	43.08	54.00	-10.92	AVG	

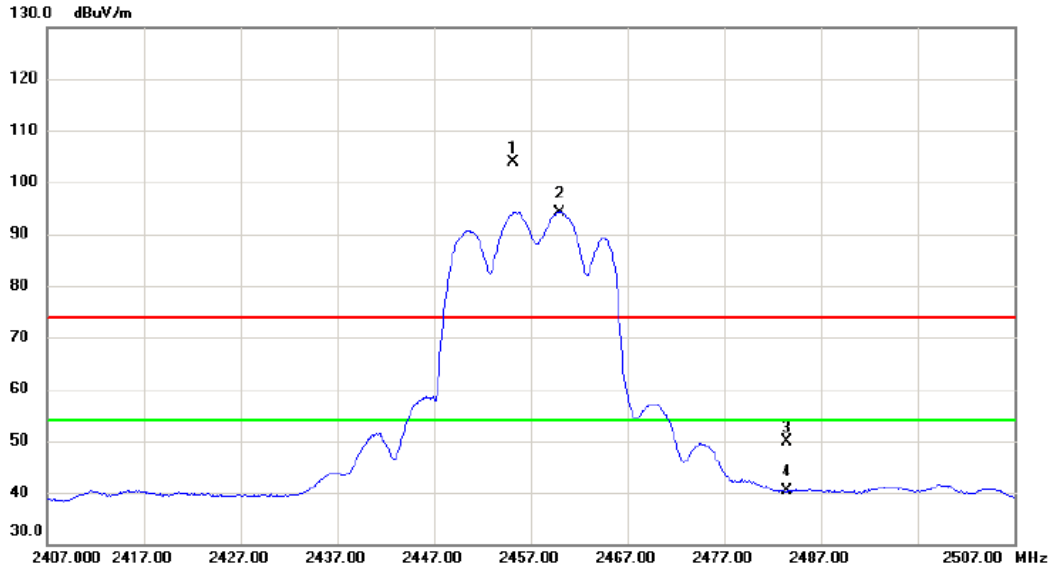
**REMARKS:**

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX G Mode 2457 MHz

### Horizontal



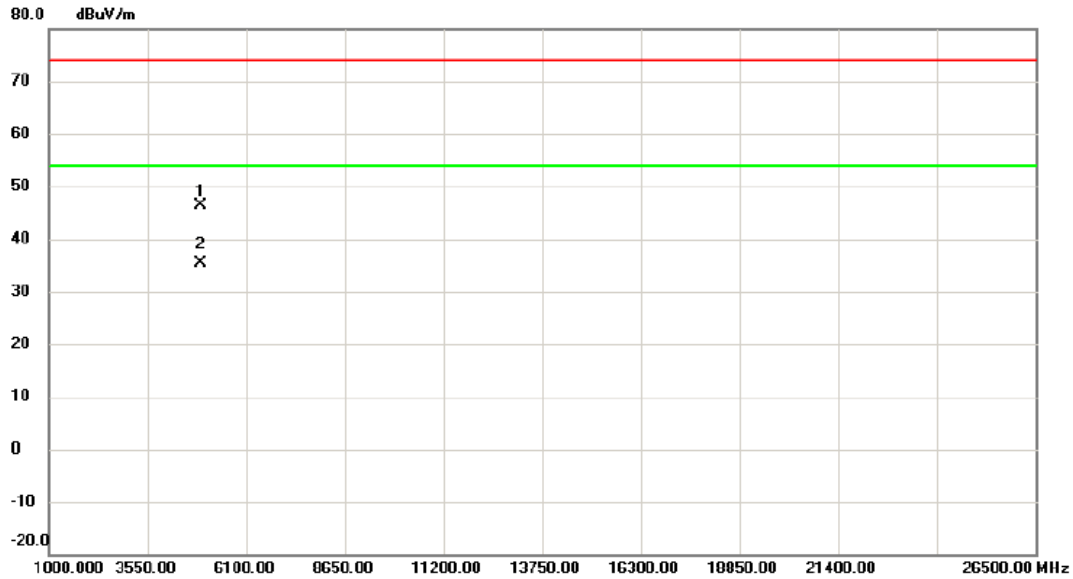
No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 X	2455.150	93.61	10.19	103.80	74.00	29.80	peak	No Limit
2 *	2459.950	84.05	10.20	94.25	54.00	40.25	AVG	No Limit
3	2483.500	39.48	10.29	49.77	74.00	-24.23	peak	
4	2483.500	30.00	10.29	40.29	54.00	-13.71	AVG	

**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX G Mode 2457 MHz

### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		4912.425	38.37	8.05	46.42	74.00	-27.58	peak	
2	*	4912.475	27.37	8.05	35.42	54.00	-18.58	AVG	

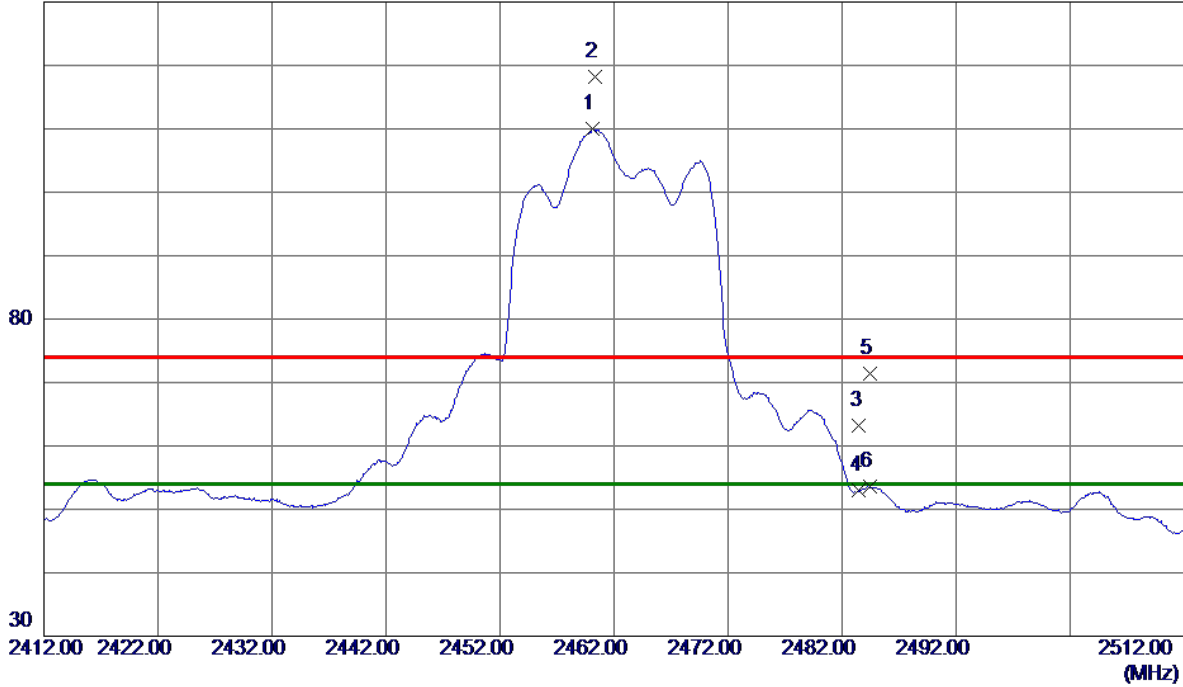
**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX G Mode 2462 MHz

### 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 *	2460.1000	99.69	10.21	109.90	54.00	55.90	AVG	No Limit
2	2460.3500	108.09	10.21	118.30	74.00	44.30	Peak	No Limit
3	2483.5000	52.87	10.30	63.17	74.00	-10.83	Peak	
4	2483.5000	42.62	10.30	52.92	54.00	-1.08	AVG	
5	2484.4500	61.11	10.30	71.41	74.00	-2.59	Peak	
6	2484.4500	43.25	10.30	53.55	54.00	-0.45	AVG	

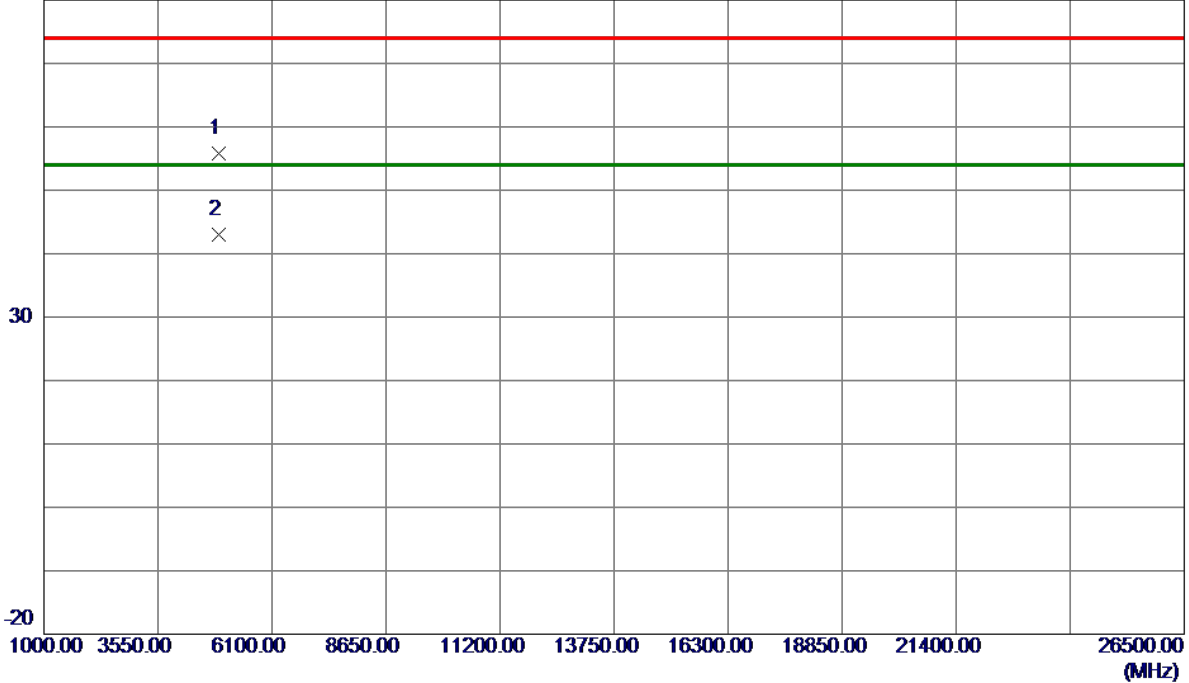
**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX G Mode 2462 MHz

### 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	4922.1000	47.67	8.09	55.76	74.00	-18.24	Peak	
2 *	4923.0500	34.96	8.09	43.05	54.00	-10.95	AVG	

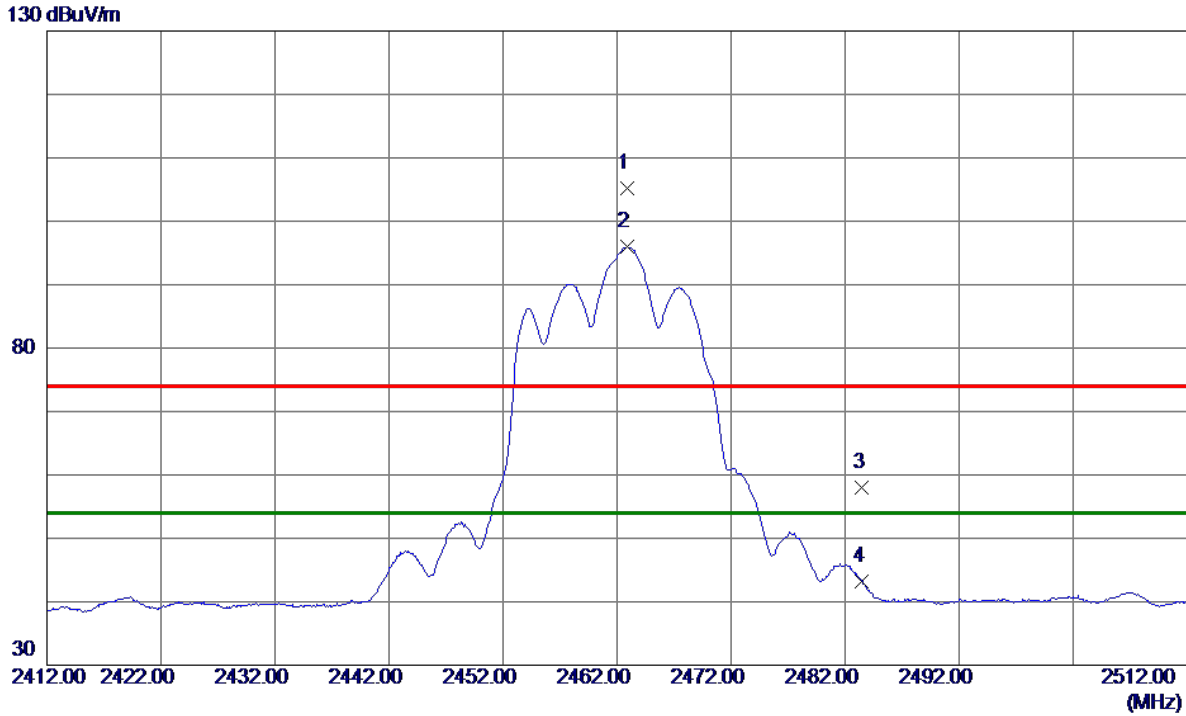
**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.



Test Mode: TX G Mode 2462 MHz

### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2462.8500	95.05	10.22	105.27	74.00	31.27	Peak	No Limit
2 *	2462.9000	85.80	10.22	96.02	54.00	42.02	AVG	No Limit
3	2483.5000	47.73	10.30	58.03	74.00	-15.97	Peak	
4	2483.5000	32.89	10.30	43.19	54.00	-10.81	AVG	

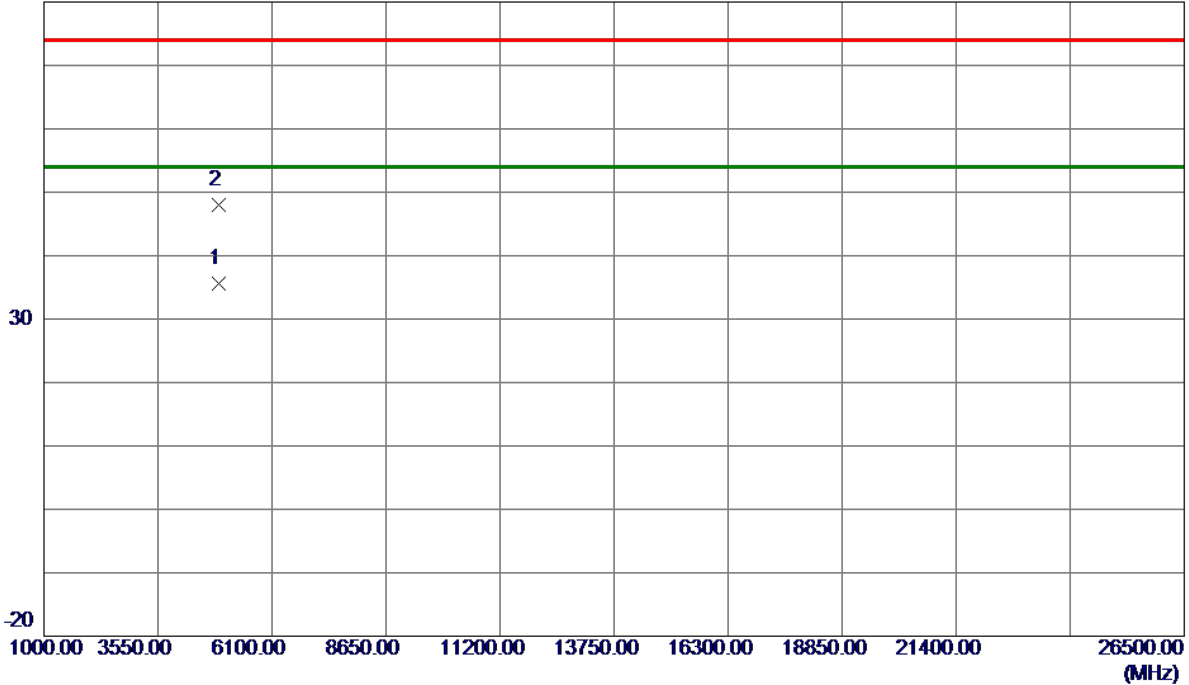
**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX G Mode 2462 MHz

### 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 *	4922.3000	27.42	8.09	35.51	54.00	-18.49	AVG	
2	4922.7250	39.92	8.09	48.01	74.00	-25.99	Peak	

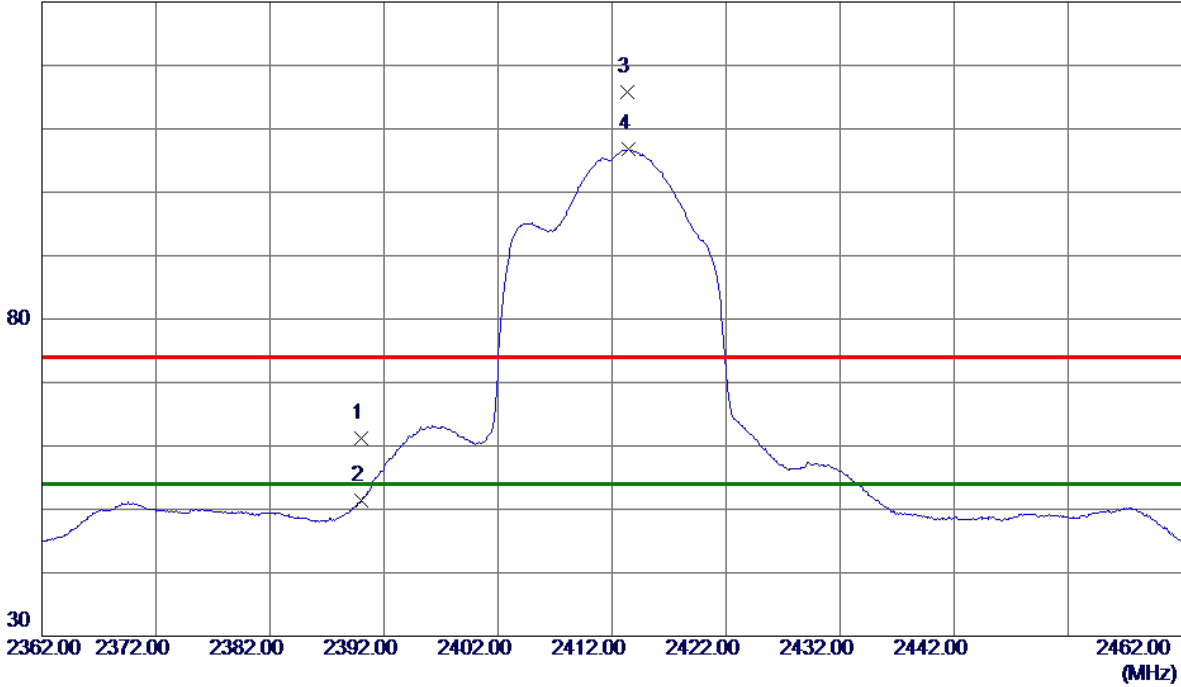
**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX N-20M Mode 2412 MHz

### 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	51.24	9.95	61.19	74.00	-12.81	Peak	
2	2390.0000	41.41	9.95	51.36	54.00	-2.64	AVG	
3	2413.3000	105.75	10.03	115.78	74.00	41.78	Peak	No Limit
4 *	2413.4000	96.69	10.03	106.72	54.00	52.72	AVG	No Limit

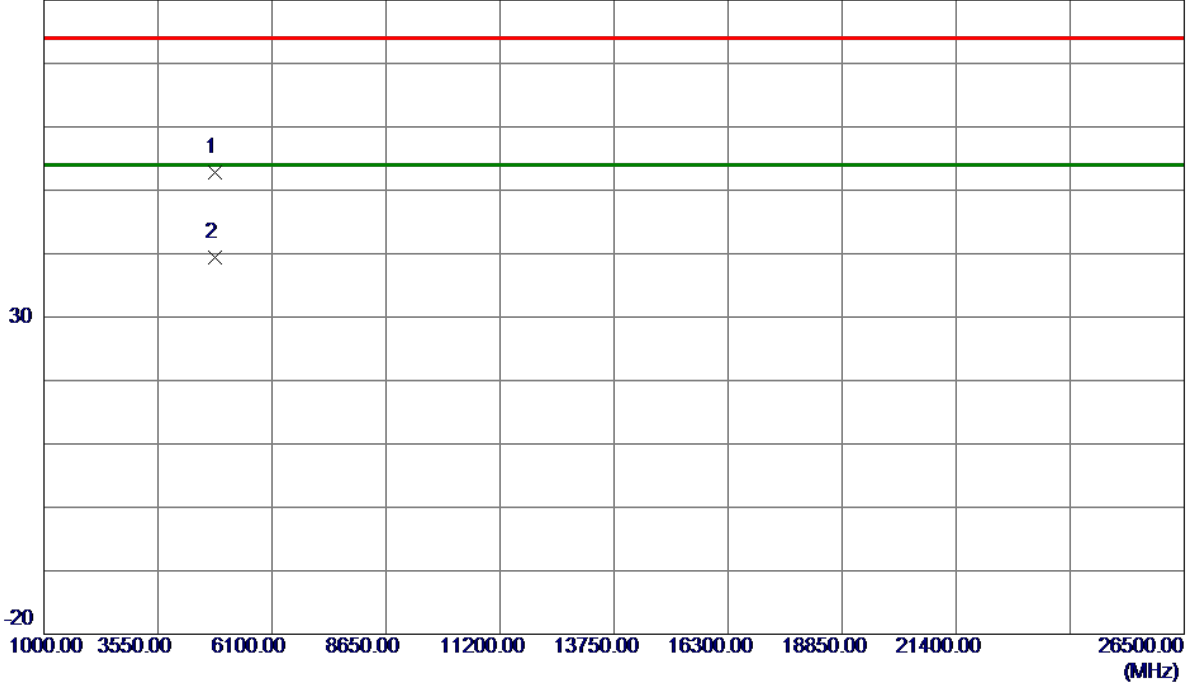
**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX N-20M Mode 2412 MHz

### Vertical

80 dBuV/m



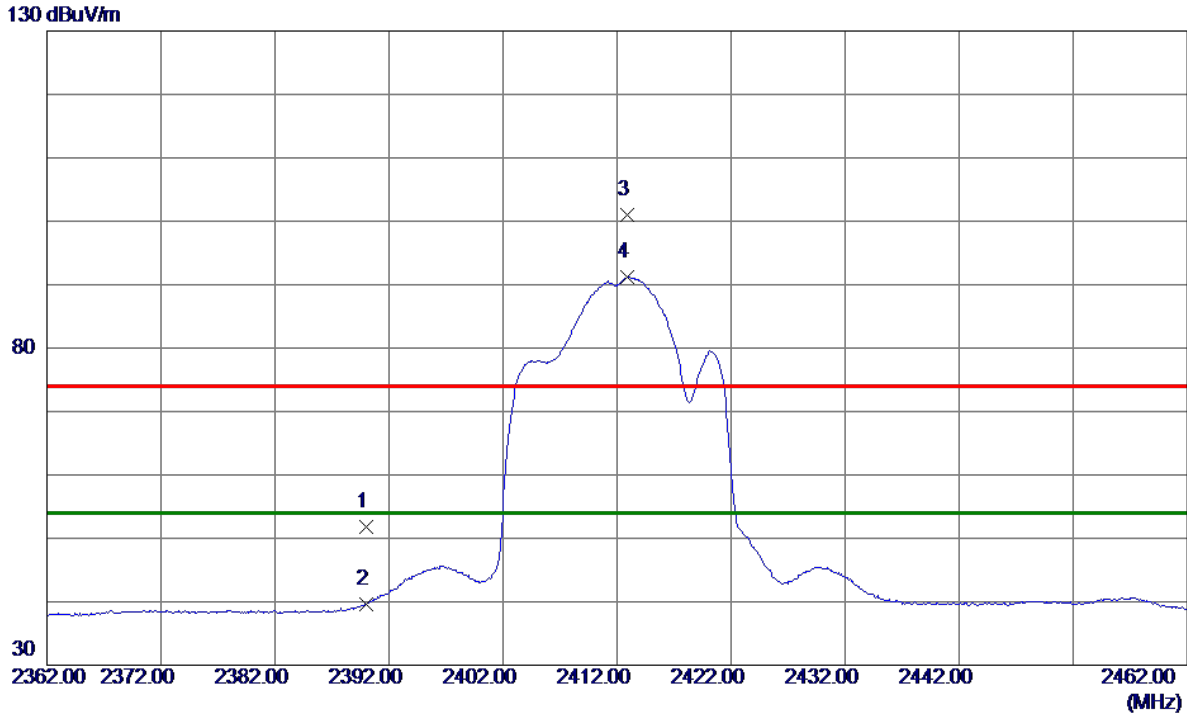
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4820.3750	45.07	7.67	52.74	74.00	-21.26	Peak	
2 *	4820.3750	31.75	7.67	39.42	54.00	-14.58	AVG	

**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX N-20M Mode 2412 MHz

### Horizontal



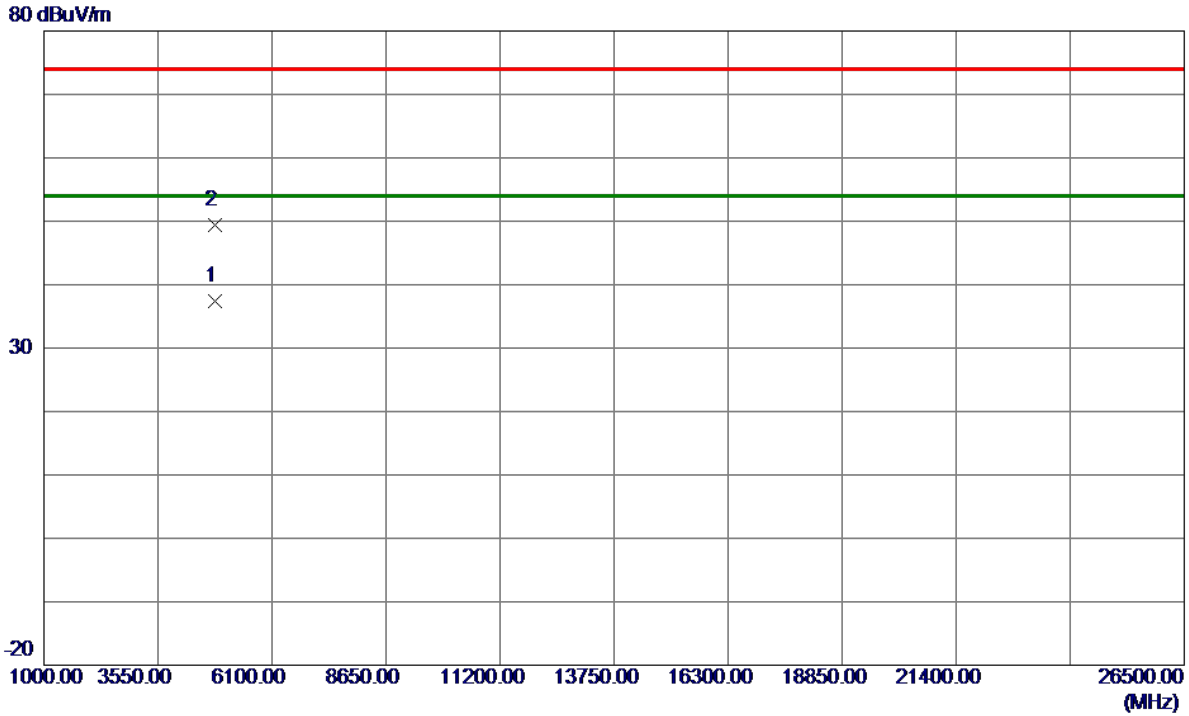
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	41.84	9.95	51.79	74.00	-22.21	Peak	
2	2390.0000	29.72	9.95	39.67	54.00	-14.33	AVG	
3	2412.8500	90.98	10.03	101.01	74.00	27.01	Peak	No Limit
4 *	2412.9000	81.21	10.03	91.24	54.00	37.24	AVG	No Limit

**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX N-20M Mode 2412 MHz

### Horizontal



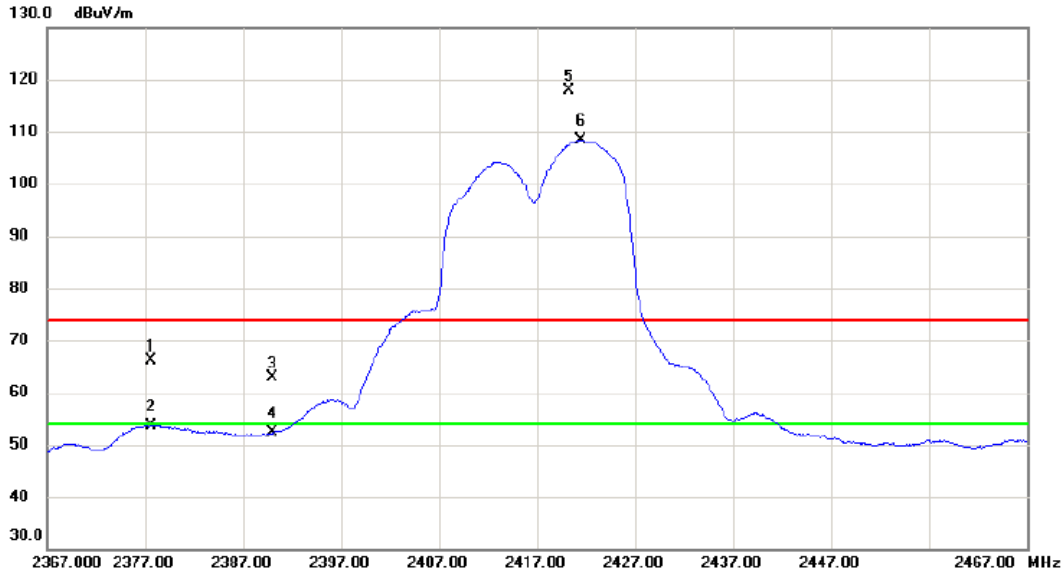
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4820.7799	29.74	7.67	37.41	54.00	-16.59	AVG	
2	4822.2500	41.66	7.68	49.34	74.00	-24.66	Peak	

**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX N-20M Mode 2417 MHz

### Vertical



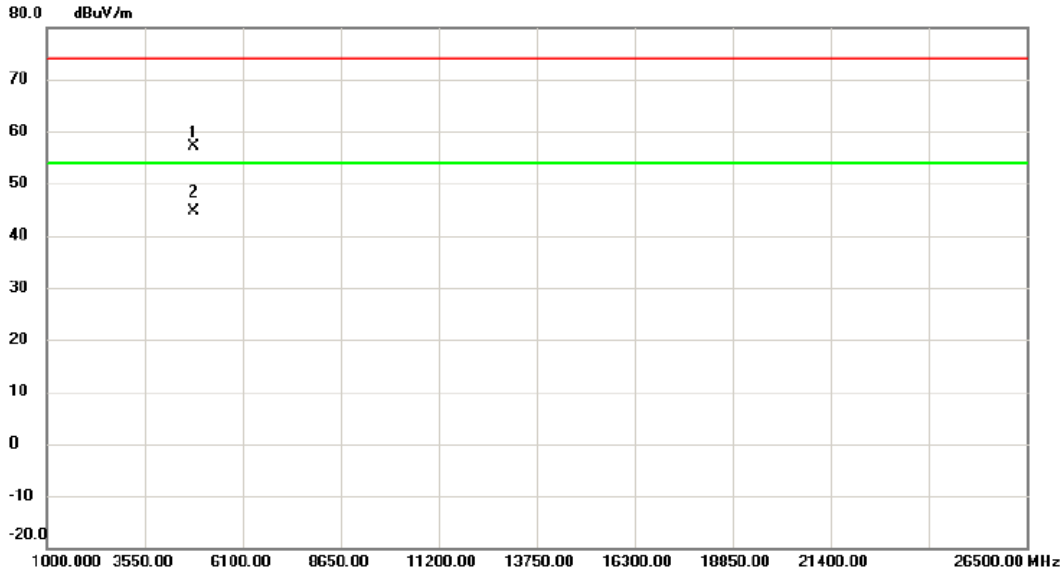
No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2377.600	56.31	9.90	66.21	74.00	-7.79	peak	
2	2377.600	43.80	9.90	53.70	54.00	-0.30	AVG	
3	2390.000	53.03	9.95	62.98	74.00	-11.02	peak	
4	2390.000	42.43	9.95	52.38	54.00	-1.62	AVG	
5 X	2420.250	107.92	10.06	117.98	74.00	43.98	peak	No Limit
6 *	2421.400	98.41	10.07	108.48	54.00	54.48	AVG	No Limit

**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX N-20M Mode 2417 MHz

### Vertical



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4828.400	49.48	7.71	57.19	74.00	-16.81	peak	
2 *	4830.775	36.91	7.71	44.62	54.00	-9.38	AVG	

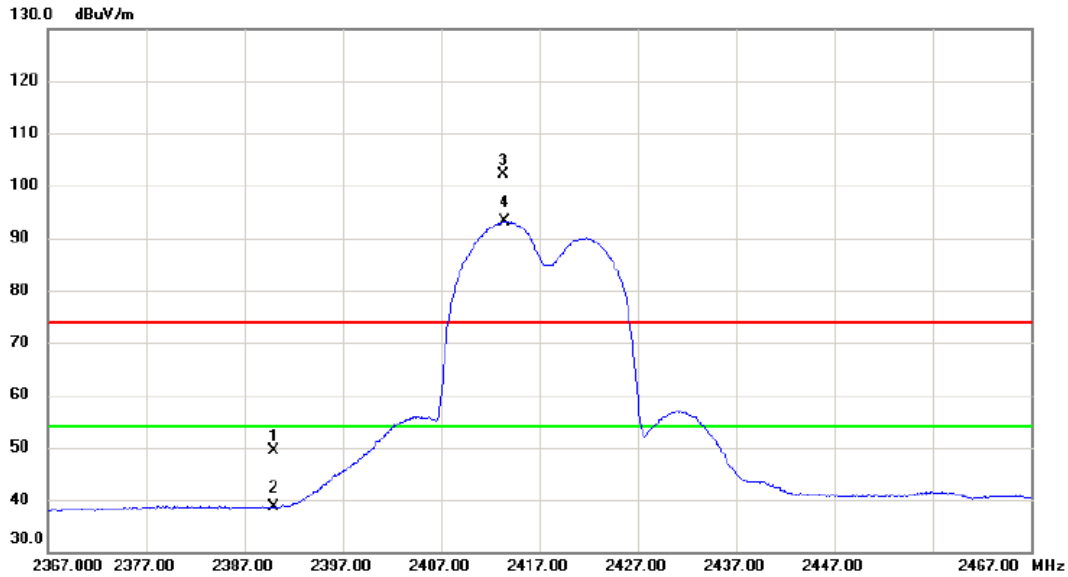
**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.



Test Mode: TX N-20M Mode 2417 MHz

### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2390.000	39.48	9.95	49.43	74.00	-24.57	peak	
2		2390.000	28.76	9.95	38.71	54.00	-15.29	AVG	
3	X	2413.300	92.06	10.04	102.10	74.00	28.10	peak	No Limit
4	*	2413.500	83.15	10.04	93.19	54.00	39.19	AVG	No Limit

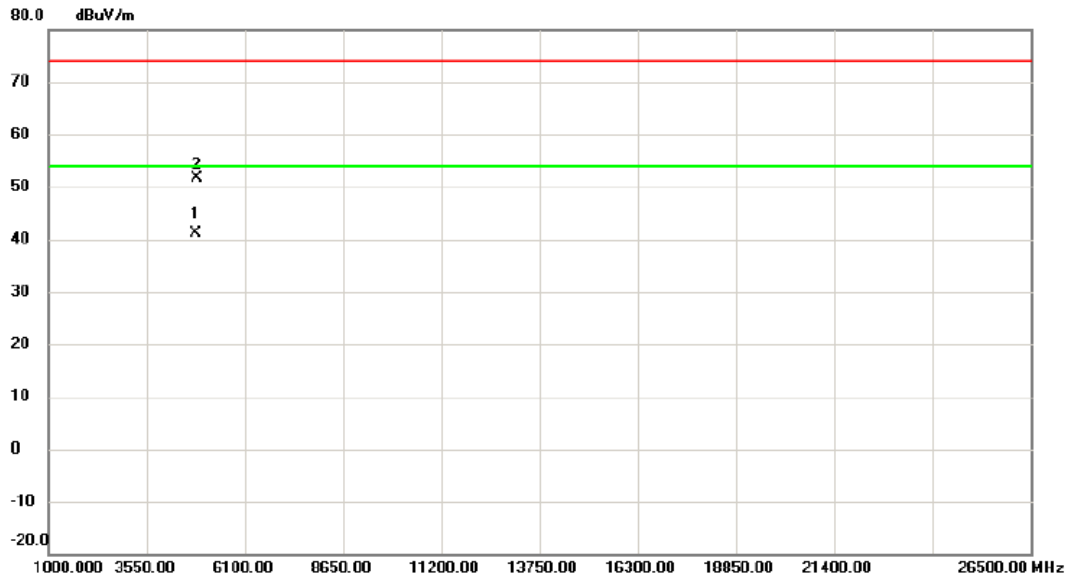
**REMARKS:**

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX N-20M Mode 2417 MHz

### Horizontal



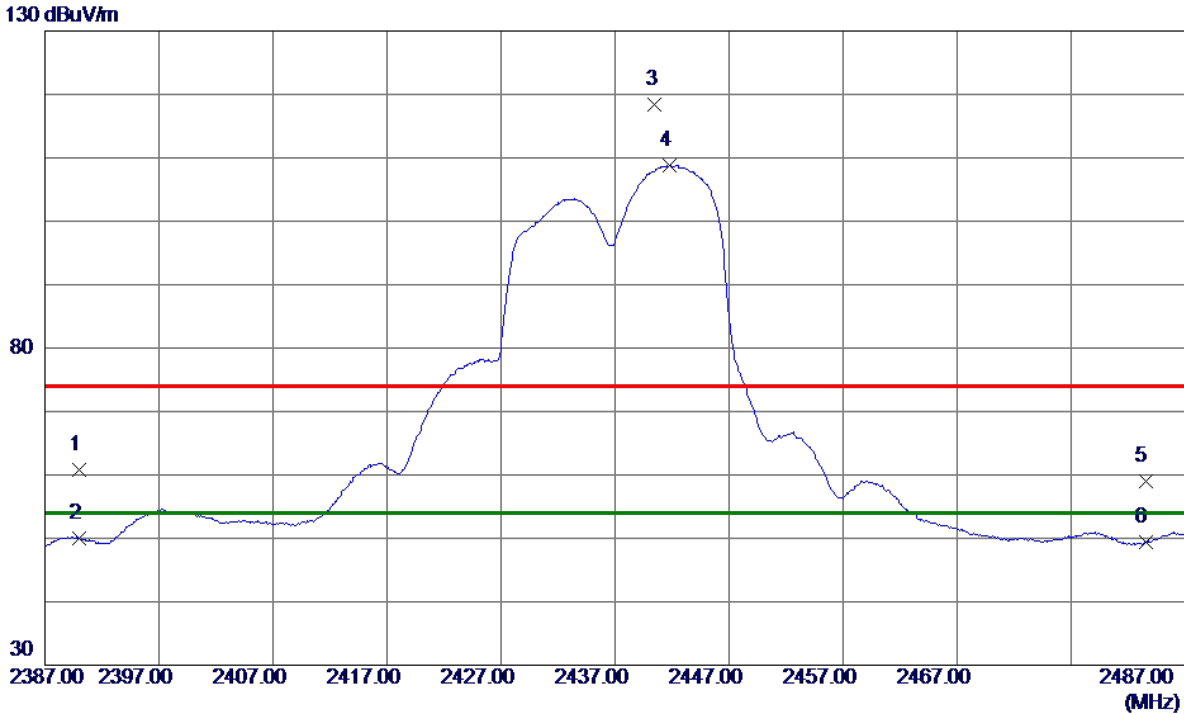
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	4831.230	33.51	7.71	41.22	54.00	-12.78	AVG	
2		4842.010	43.92	7.76	51.68	74.00	-22.32	peak	

**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX N-20M Mode 2437 MHz

### 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	50.80	9.95	60.75	74.00	-13.25	Peak	
2	2390.0000	40.10	9.95	50.05	54.00	-3.95	AVG	
3	2440.5000	108.32	10.14	118.46	74.00	44.46	Peak	No Limit
4 *	2441.8000	98.63	10.14	108.77	54.00	54.77	AVG	No Limit
5	2483.5000	48.65	10.30	58.95	74.00	-15.05	Peak	
6	2483.5000	39.03	10.30	49.33	54.00	-4.67	AVG	

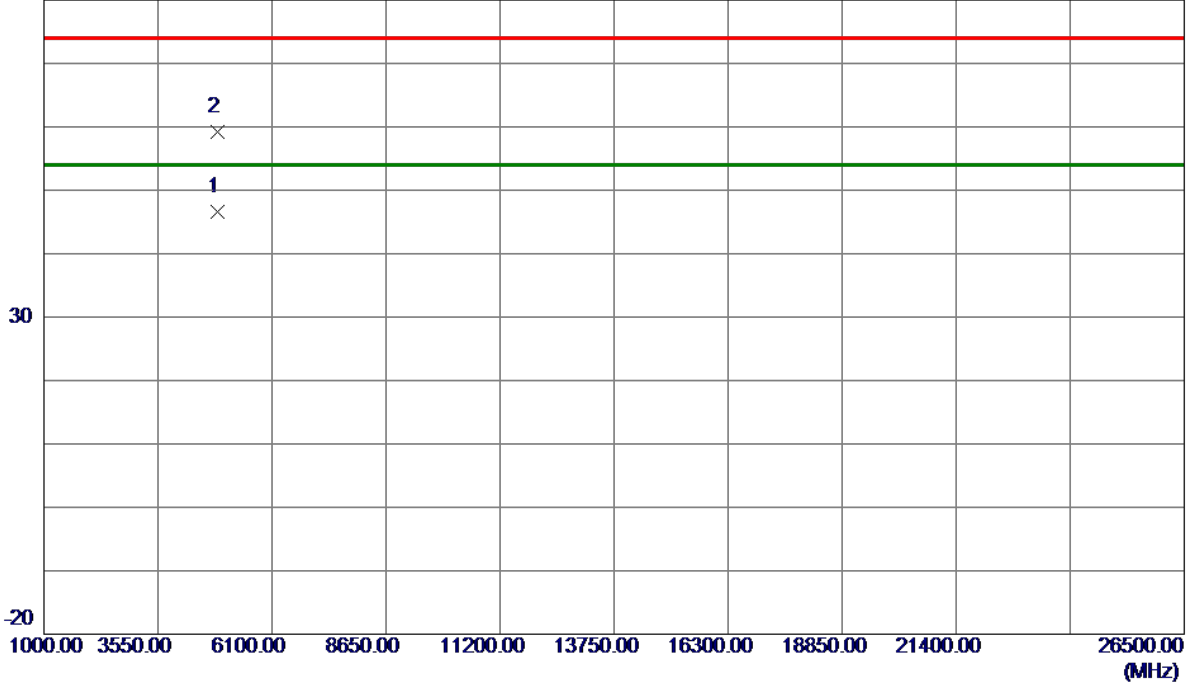
**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX N-20M Mode 2437 MHz

### Vertical

80 dBuV/m



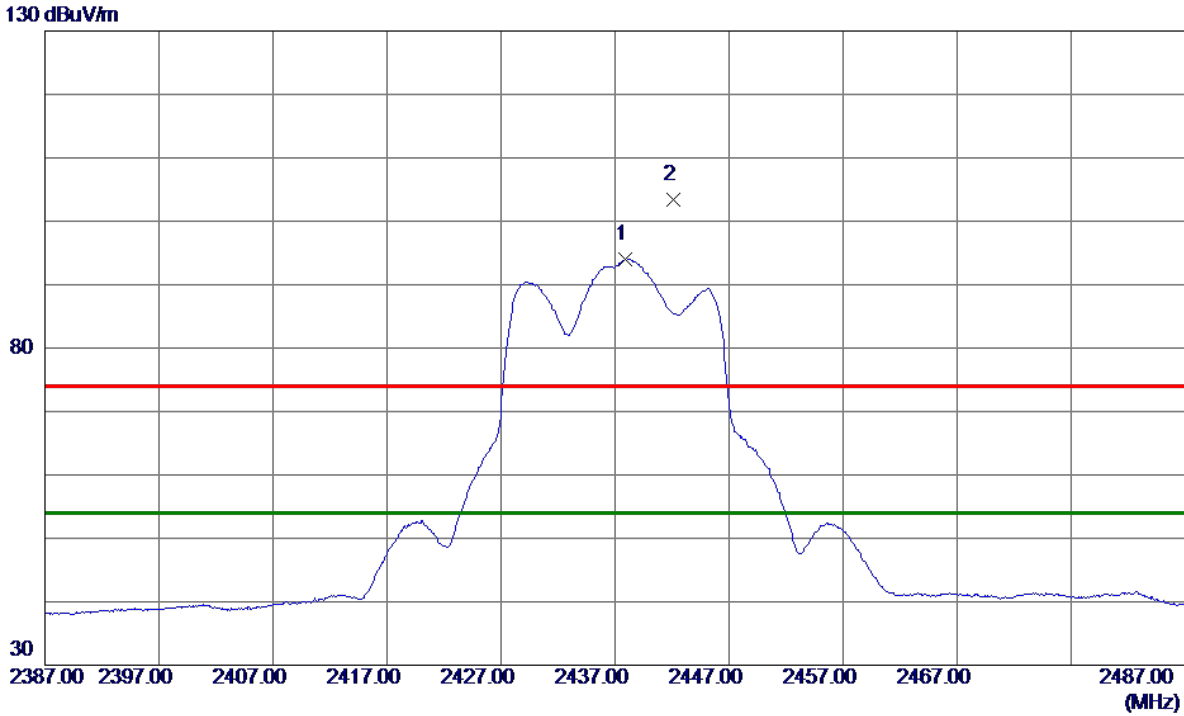
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4871.6750	38.76	7.88	46.64	54.00	-7.36	AVG	
2	4877.1750	51.23	7.90	59.13	74.00	-14.87	Peak	

**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX N-20M Mode 2437 MHz

### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2437.9000	83.89	10.13	94.02	54.00	40.02	AVG	No Limit
2	2442.1000	93.20	10.14	103.34	74.00	29.34	Peak	No Limit

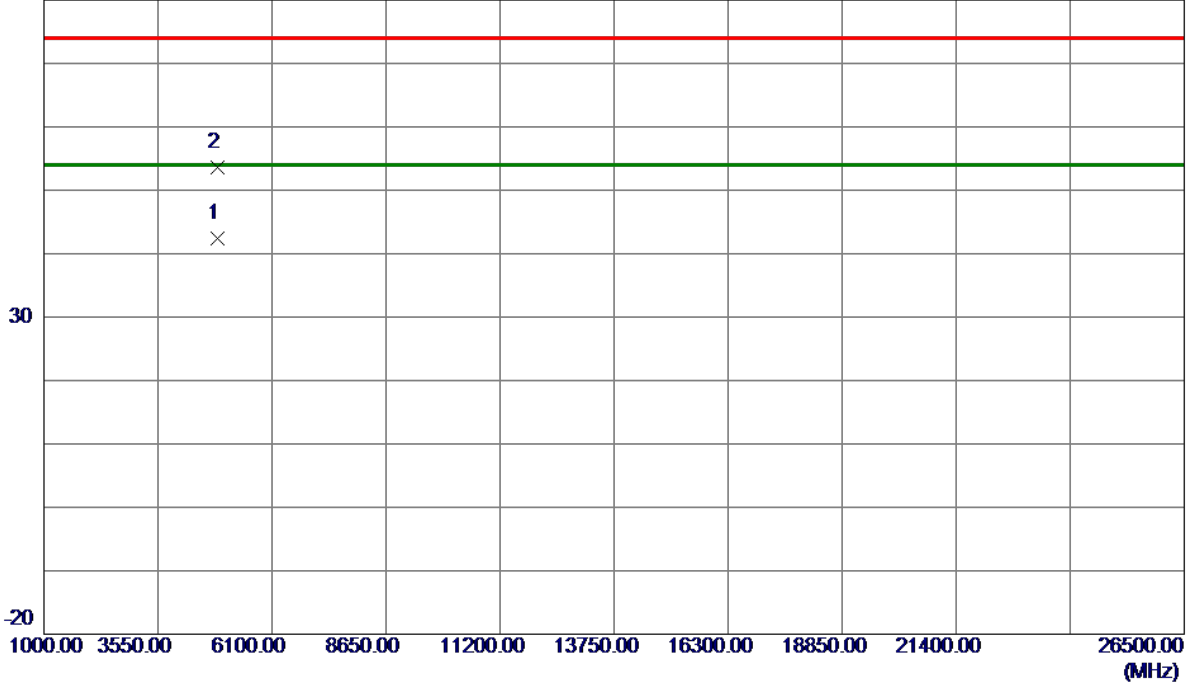
**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX N-20M Mode 2437 MHz

### Horizontal

80 dBuV/m



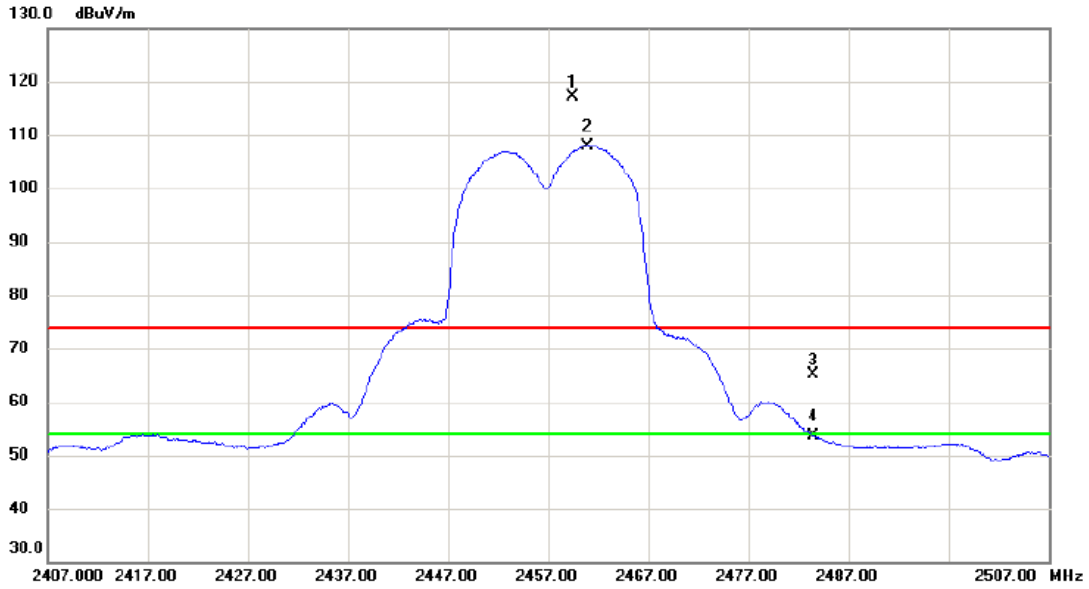
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4871.2400	34.60	7.88	42.48	54.00	-11.52	AVG	
2	4871.6800	45.73	7.88	53.61	74.00	-20.39	Peak	

**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX N-20M Mode 2457 MHz

### Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	2459.500	106.93	10.20	117.13	74.00	43.13	peak	No Limit
2	*	2460.950	97.80	10.20	108.00	54.00	54.00	AVG	No Limit
3		2483.500	54.74	10.29	65.03	74.00	-8.97	peak	
4		2483.500	43.39	10.29	53.68	54.00	-0.32	AVG	

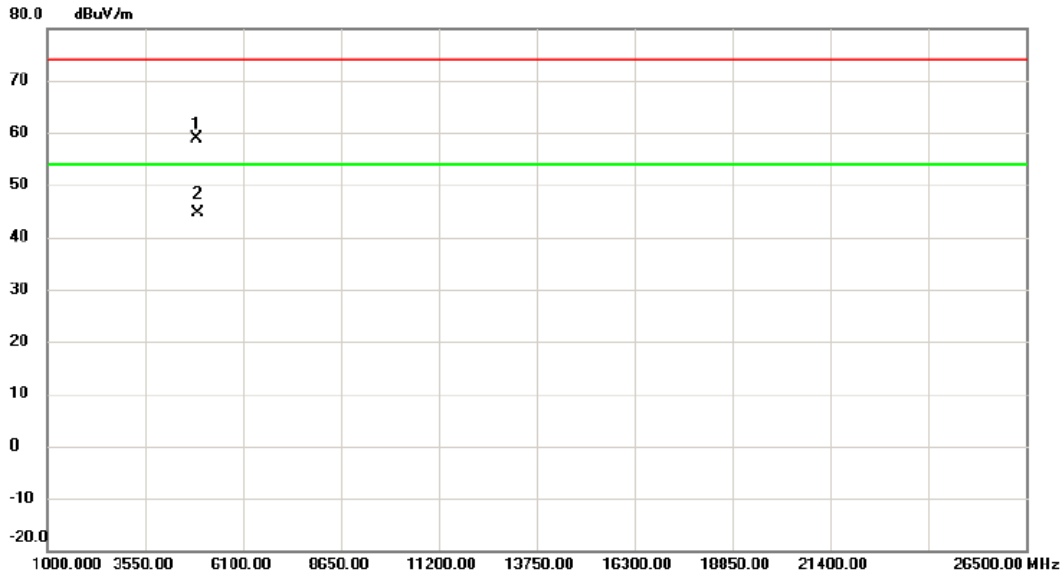
**REMARKS:**

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX N-20M Mode 2457 MHz

### Vertical



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4909.450	50.89	8.05	58.94	74.00	-15.06	peak	
2 *	4911.250	36.67	8.05	44.72	54.00	-9.28	AVG	

**REMARKS:**

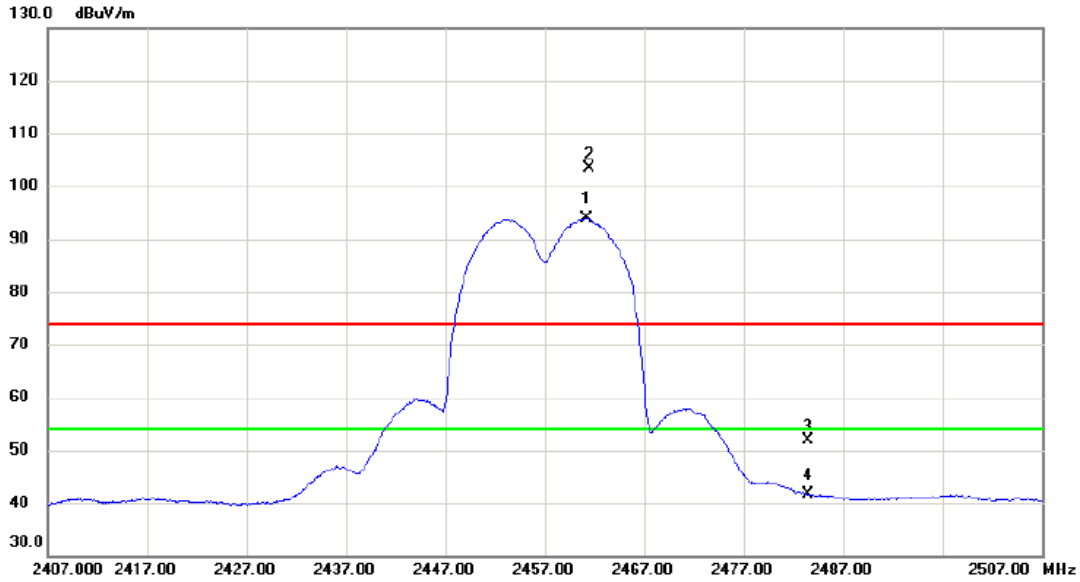
(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.



Test Mode: TX N-20M Mode 2457 MHz

### Horizontal



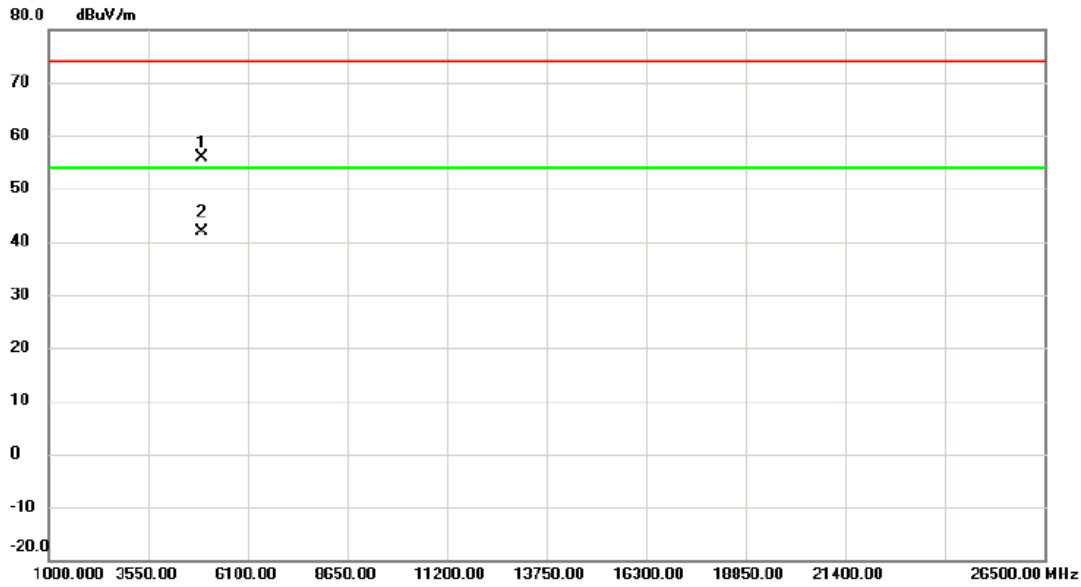
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	2461.200	83.67	10.20	93.87	54.00	39.87	AVG	No Limit
2	X	2461.450	93.06	10.22	103.28	74.00	29.28	peak	No Limit
3		2483.500	41.67	10.29	51.96	74.00	-22.04	peak	
4		2483.500	31.33	10.29	41.62	54.00	-12.38	AVG	

**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX N-20M Mode 2457 MHz

### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		4910.310	47.76	8.05	55.81	74.00	-18.19	peak	
2	*	4910.950	33.74	8.05	41.79	54.00	-12.21	AVG	

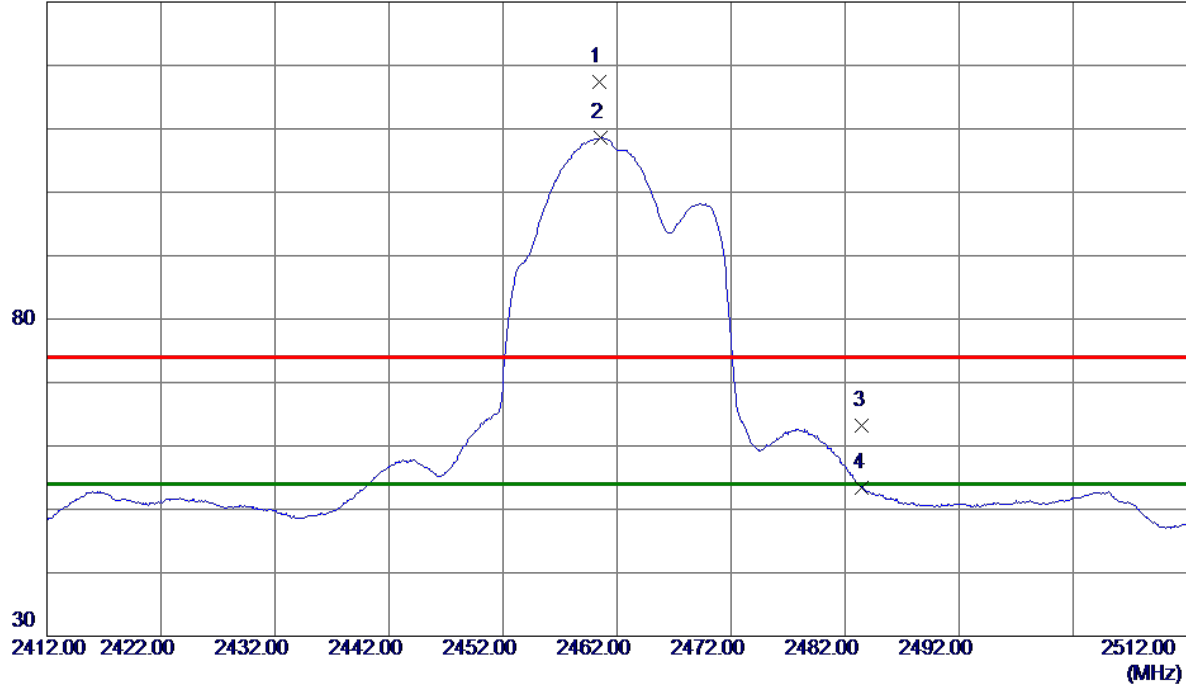
**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX N-20M Mode 2462 MHz

### Vertical

130 dBuV/m



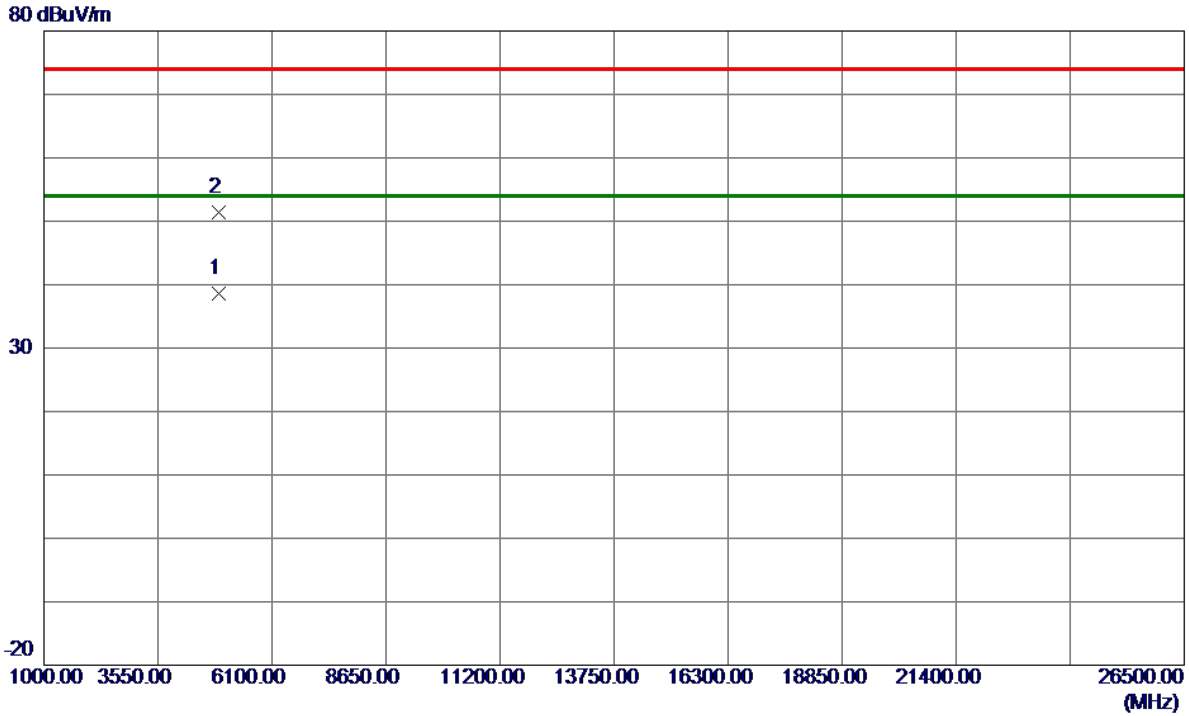
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2460.4000	107.25	10.21	117.46	74.00	43.46	Peak	No Limit
2 *	2460.5500	98.46	10.21	108.67	54.00	54.67	AVG	No Limit
3	2483.5000	52.93	10.30	63.23	74.00	-10.77	Peak	
4	2483.5000	43.06	10.30	53.36	54.00	-0.64	AVG	

**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX N-20M Mode 2462 MHz

### Vertical



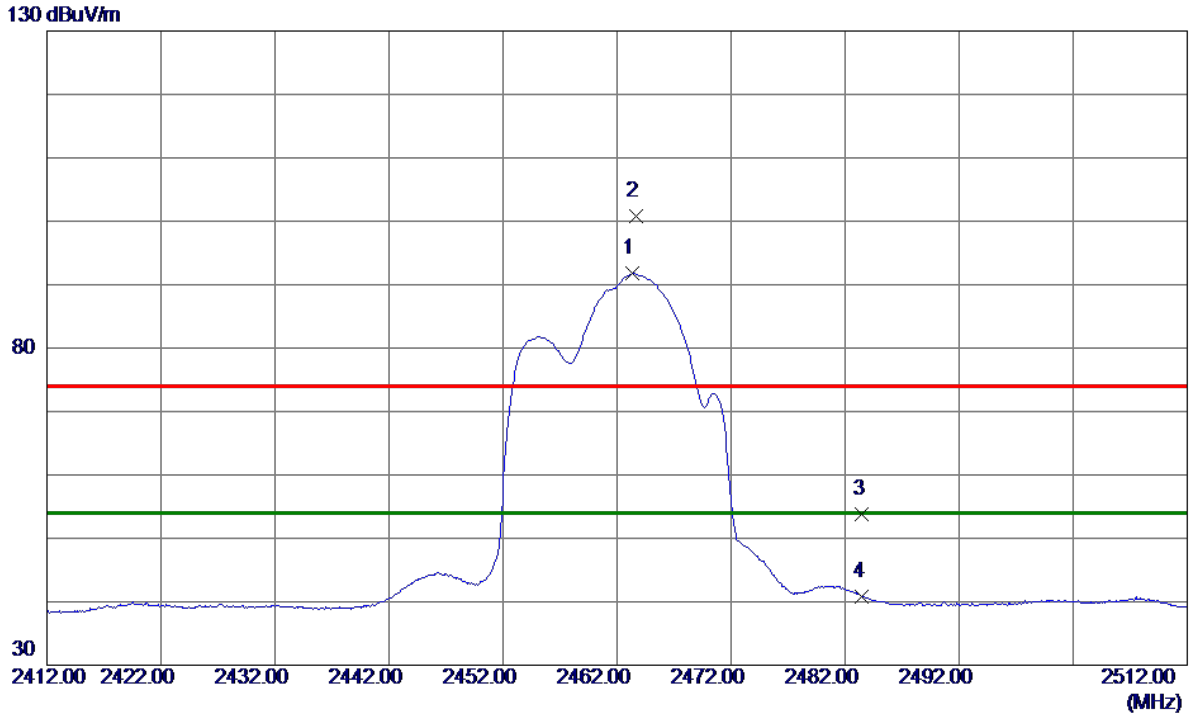
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4921.4750	30.47	8.09	38.56	54.00	-15.44	AVG	
2	4921.8500	43.30	8.09	51.39	74.00	-22.61	Peak	

**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX N-20M Mode 2462 MHz

### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2463.3500	81.64	10.22	91.86	54.00	37.86	AVG	No Limit
2	2463.7000	90.66	10.22	100.88	74.00	26.88	Peak	No Limit
3	2483.5000	43.56	10.30	53.86	74.00	-20.14	Peak	
4	2483.5000	30.47	10.30	40.77	54.00	-13.23	AVG	

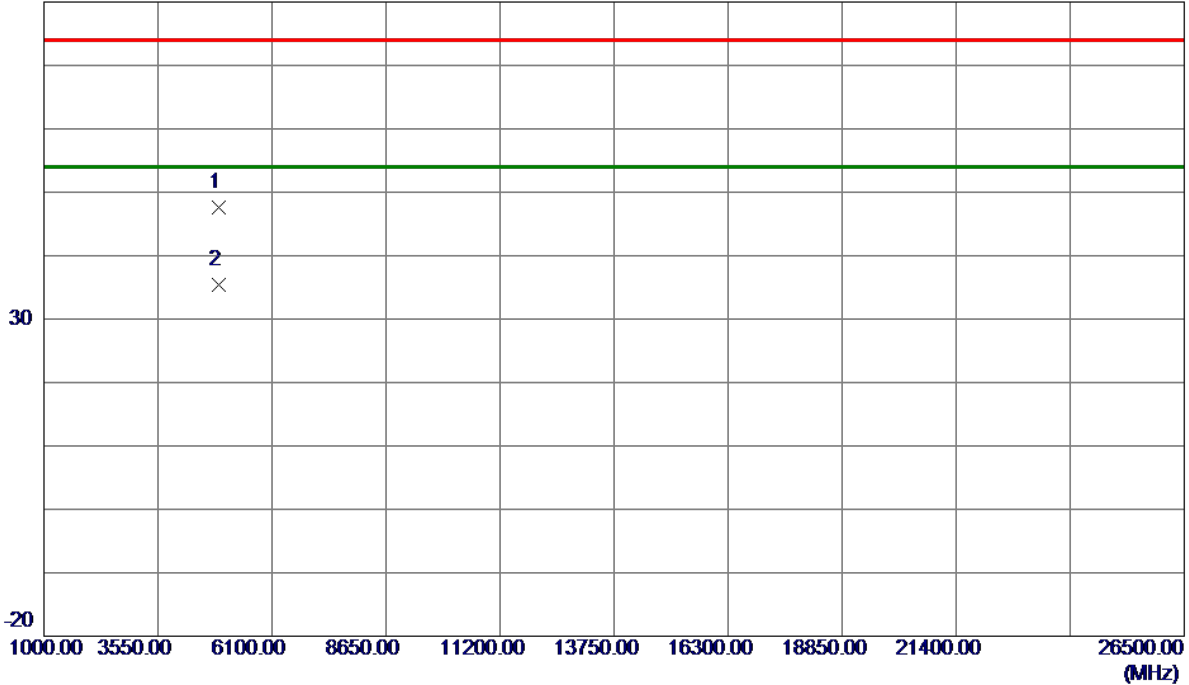
**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX N-20M Mode 2462 MHz

### 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	4920.5200	39.48	8.08	47.56	74.00	-26.44	Peak	
2 *	4920.8800	27.40	8.08	35.48	54.00	-18.52	AVG	

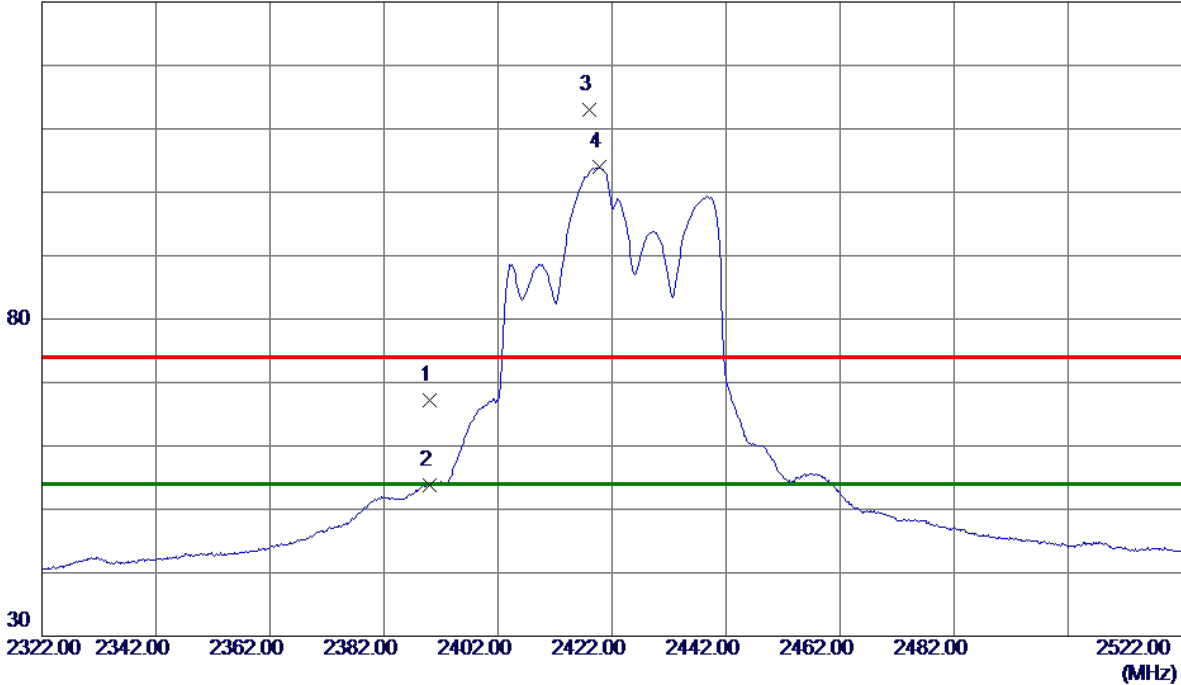
**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX N-40M Mode 2422MHz

### Vertical

130 dBuV/m



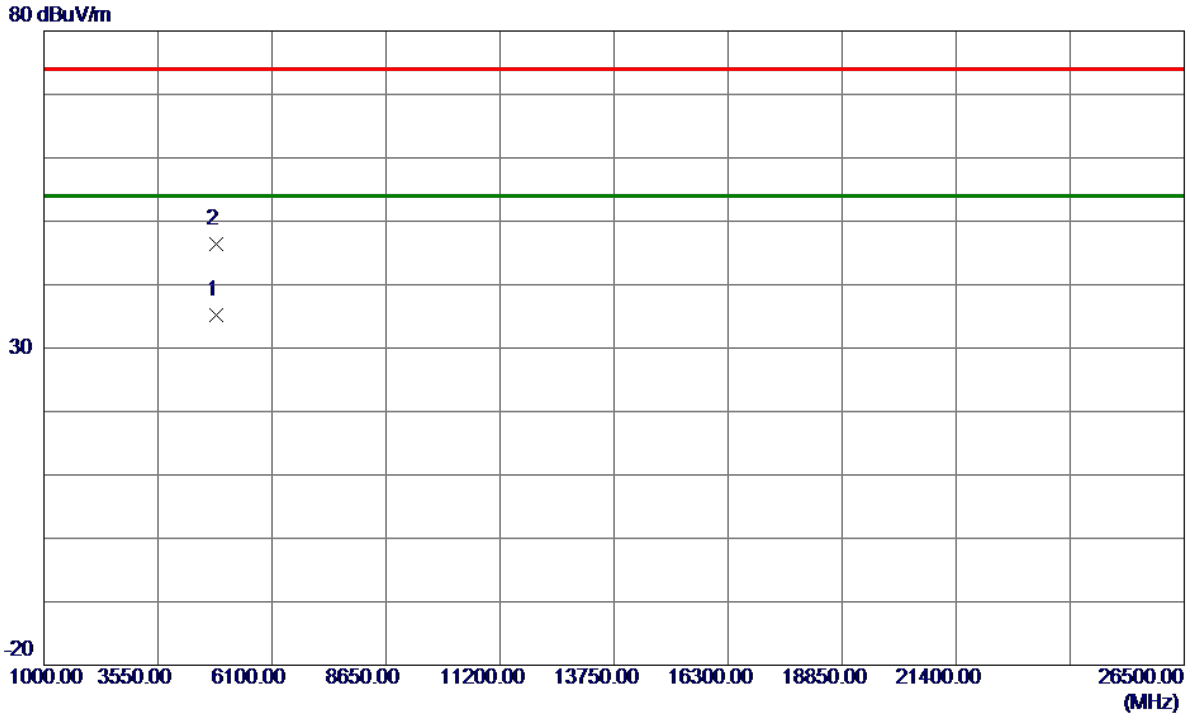
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	57.29	9.95	67.24	74.00	-6.76	Peak	
2	2390.0000	43.89	9.95	53.84	54.00	-0.16	AVG	
3	2418.0000	103.05	10.05	113.10	74.00	39.10	Peak	No Limit
4 *	2419.8000	94.03	10.06	104.09	54.00	50.09	AVG	No Limit

**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX N-40M Mode 2422MHz

### Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4840.2900	27.48	7.75	35.23	54.00	-18.77	AVG	
2	4841.6700	38.72	7.76	46.48	74.00	-27.52	Peak	

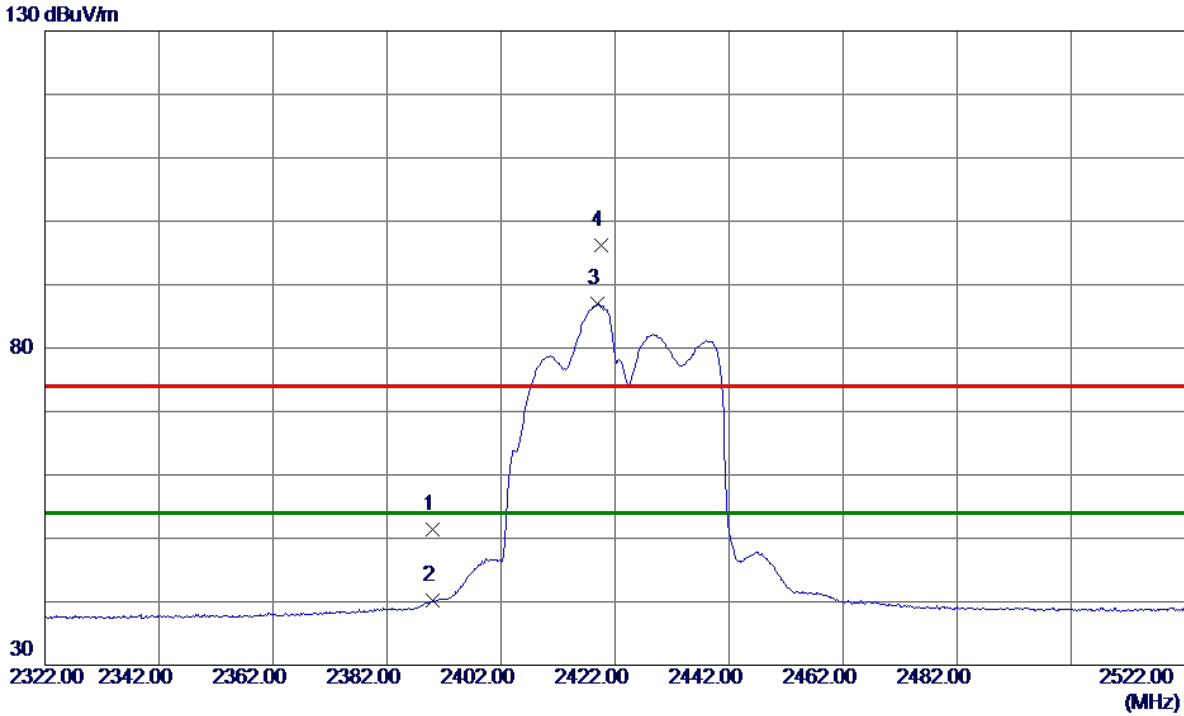
**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.



Test Mode: TX N-40M Mode 2422MHz

### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	41.43	9.95	51.38	74.00	-22.62	Peak	
2	2390.0000	30.25	9.95	40.20	54.00	-13.80	AVG	
3 *	2418.9000	76.96	10.05	87.01	54.00	33.01	AVG	No Limit
4	2419.5000	86.19	10.06	96.25	74.00	22.25	Peak	No Limit

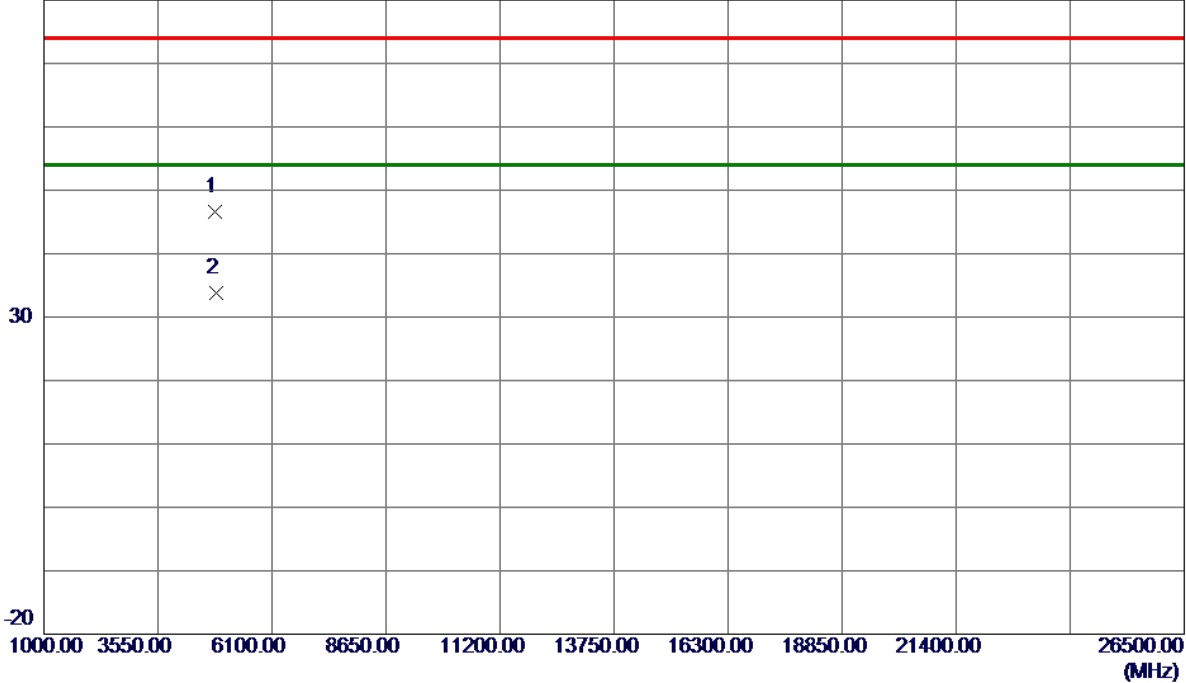
**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX N-40M Mode 2422MHz

### Horizontal

80 dBuV/m



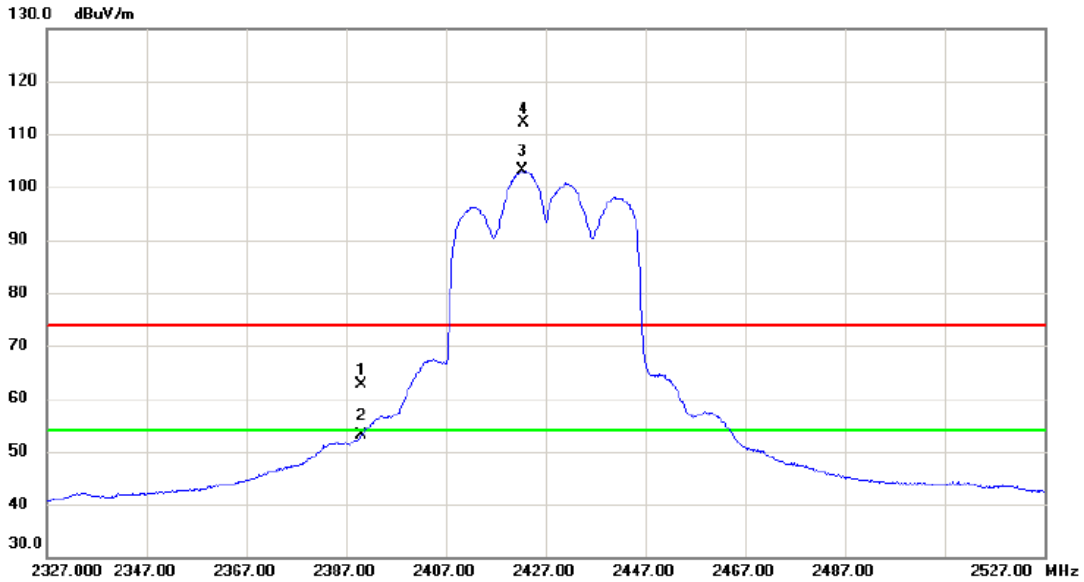
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4839.0700	38.92	7.75	46.67	74.00	-27.33	Peak	
2 *	4840.7000	26.09	7.75	33.84	54.00	-20.16	AVG	

**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX N-40M Mode 2427MHz

### Vertical



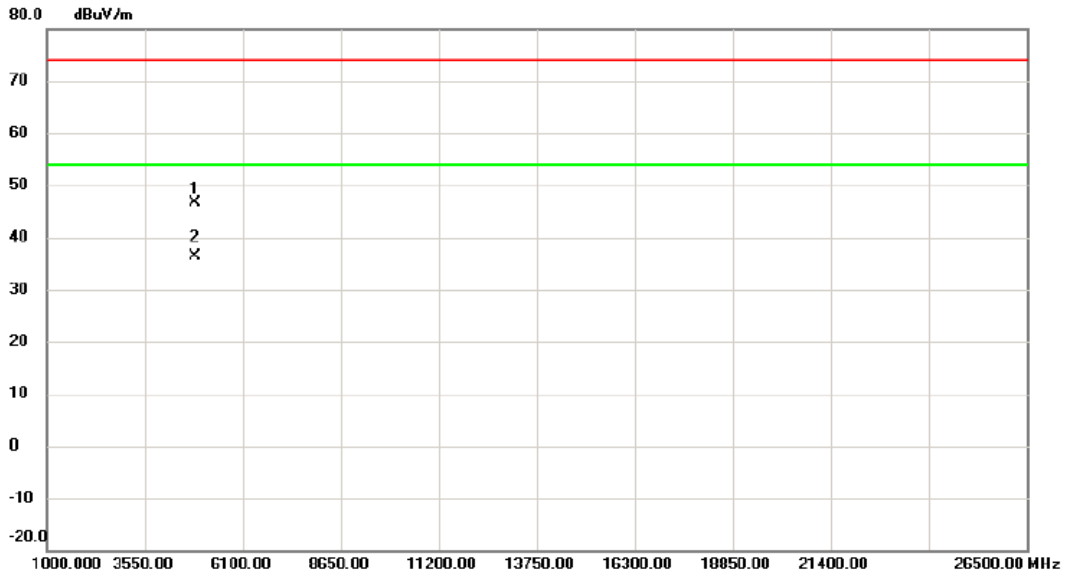
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2390.000	52.66	9.95	62.61	74.00	-11.39	peak	
2		2390.000	43.15	9.95	53.10	54.00	-0.90	AVG	
3	*	2422.300	93.04	10.07	103.11	54.00	49.11	AVG	No Limit
4	X	2422.700	102.10	10.07	112.17	74.00	38.17	peak	No Limit

**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX N-40M Mode 2427MHz

### Vertical



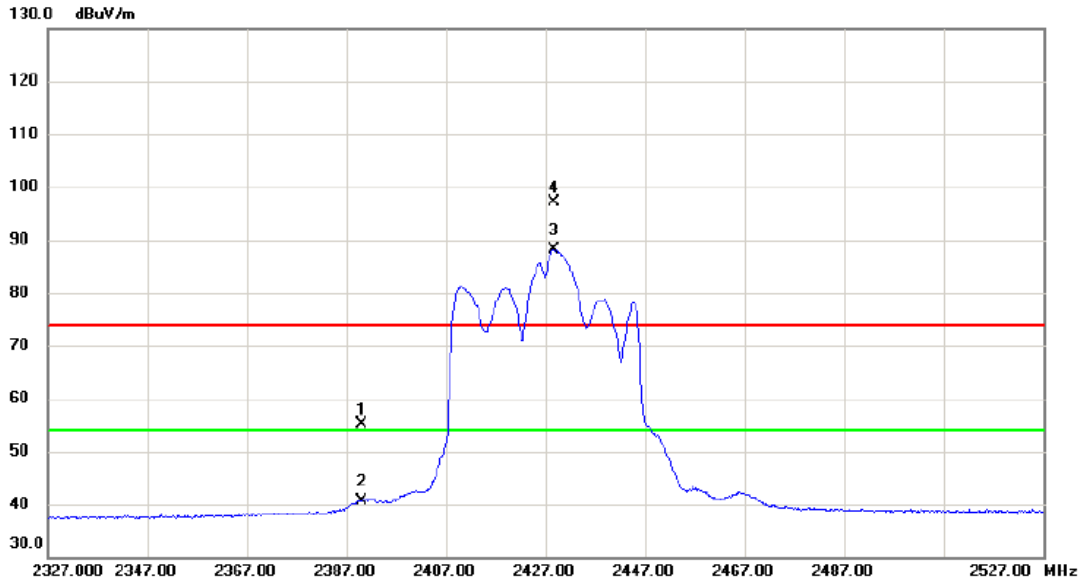
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		4846.270	38.96	7.77	46.73	74.00	-27.27	peak	
2	*	4849.030	28.51	7.79	36.30	54.00	-17.70	AVG	

**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX N-40M Mode 2427MHz

### Horizontal



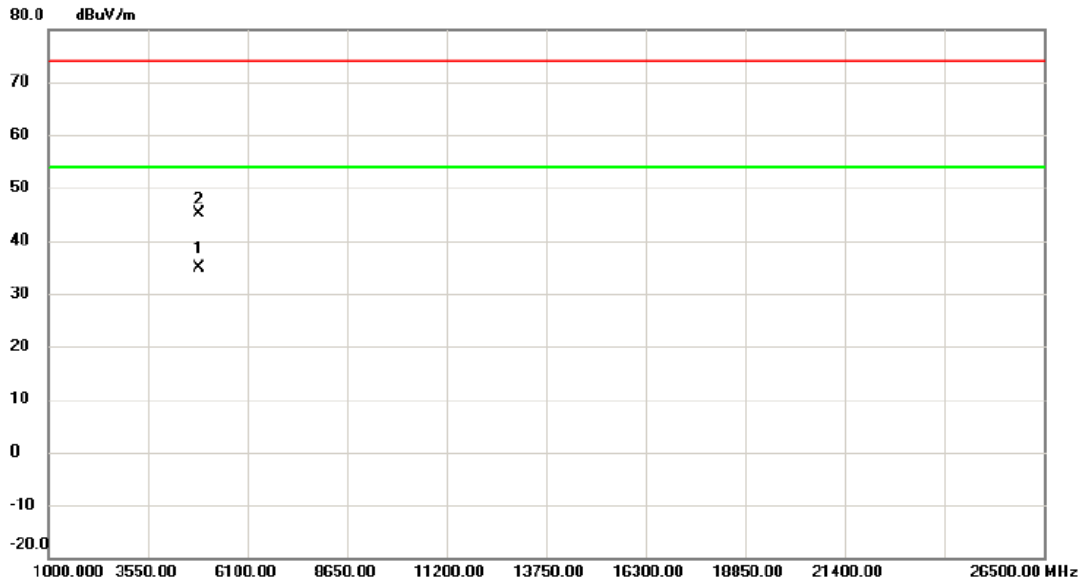
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2390.000	45.30	9.95	55.25	74.00	-18.75	peak	
2		2390.000	30.67	9.95	40.62	54.00	-13.38	AVG	
3	*	2428.700	78.01	10.09	88.10	54.00	34.10	AVG	No Limit
4	X	2428.800	87.14	10.09	97.23	74.00	23.23	peak	No Limit

**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX N-40M Mode 2427MHz

### Horizontal



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4850.880	27.14	7.80	34.94	54.00	-19.06	AVG	
2	4852.690	37.39	7.80	45.19	74.00	-28.81	peak	

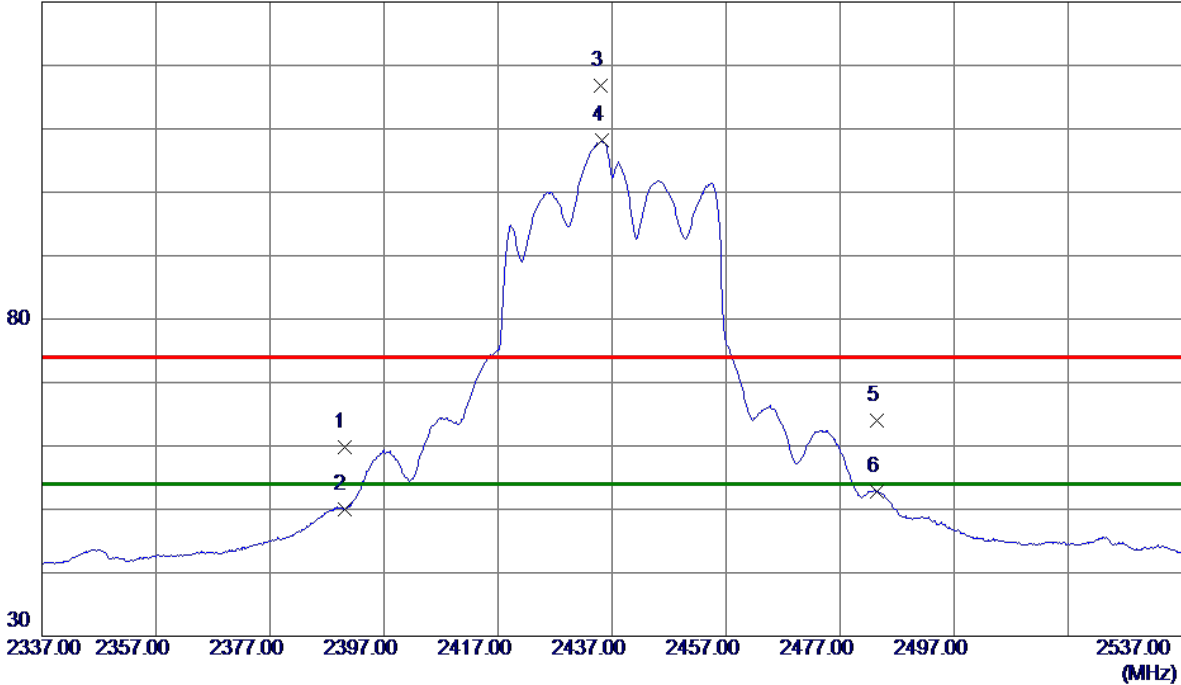
**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX N-40M Mode 2437 MHz

### 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	49.91	9.95	59.86	74.00	-14.14	Peak	
2	2390.0000	39.99	9.95	49.94	54.00	-4.06	AVG	
3	2435.0000	106.60	10.12	116.72	74.00	42.72	Peak	No Limit
4 *	2435.3000	98.03	10.12	108.15	54.00	54.15	AVG	No Limit
5	2483.5000	53.73	10.30	64.03	74.00	-9.97	Peak	
6	2483.5000	42.57	10.30	52.87	54.00	-1.13	AVG	

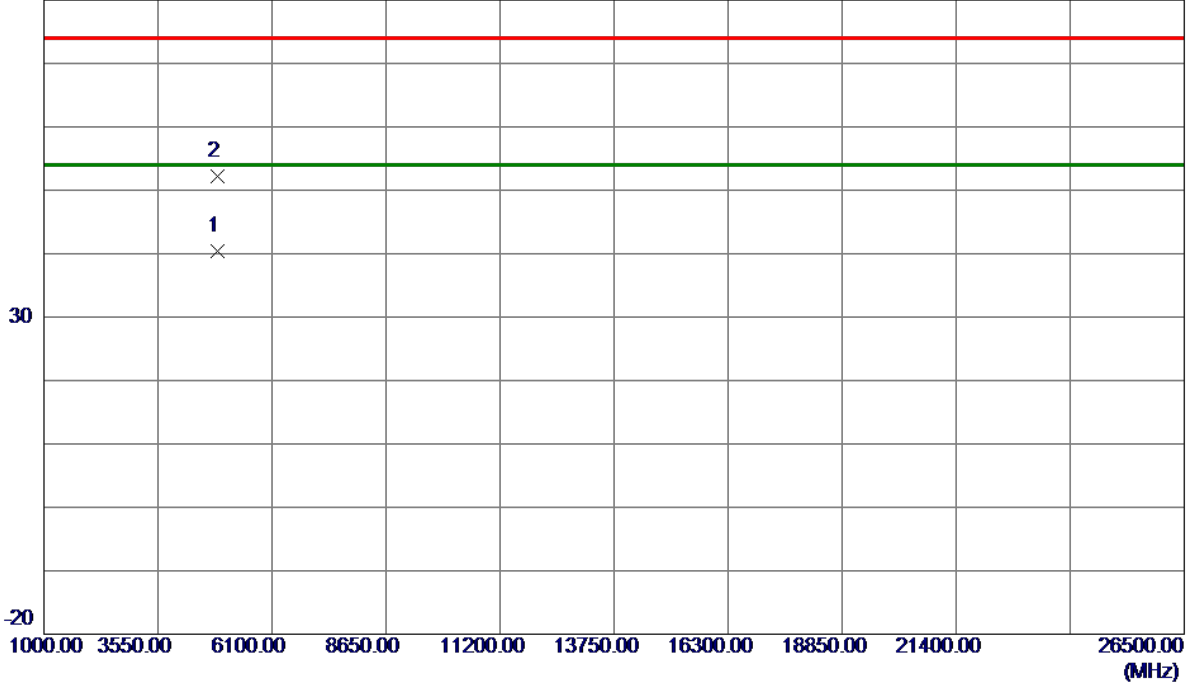
**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX N-40M Mode 2437 MHz

### 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 *	4870.2400	32.46	7.88	40.34	54.00	-13.66	AVG	
2	4871.4600	44.25	7.88	52.13	74.00	-21.87	Peak	

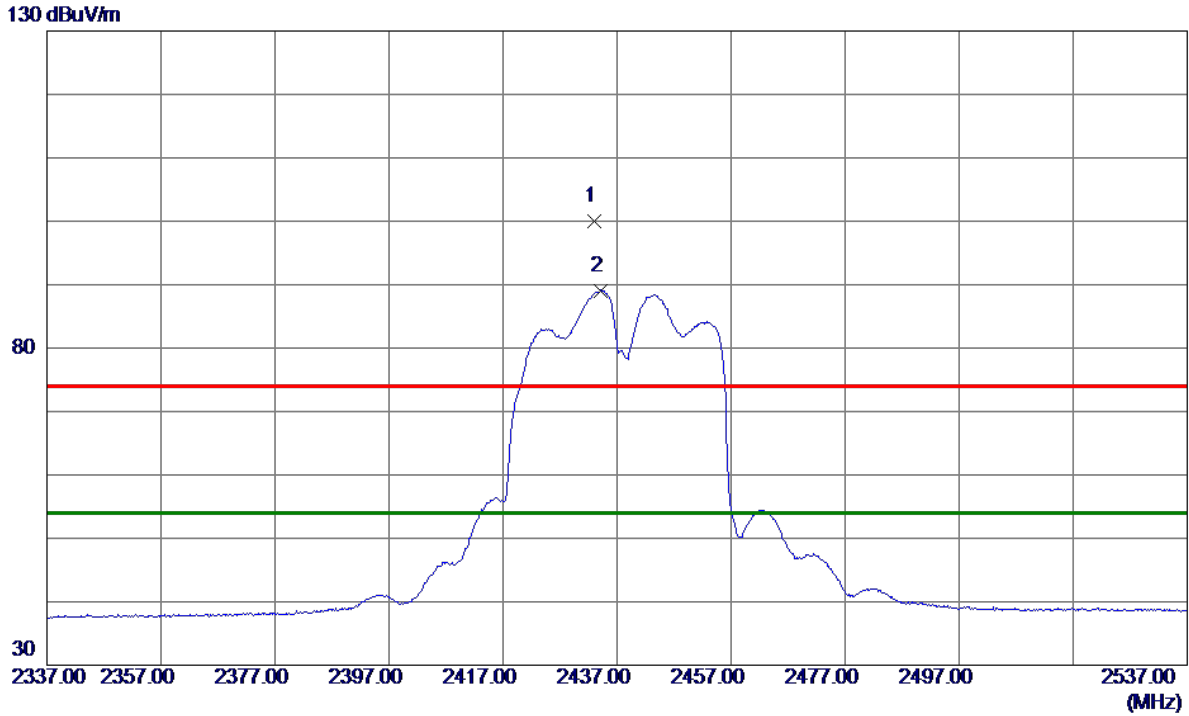
**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.



Test Mode: TX N-40M Mode 2437 MHz

### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2433.0000	89.84	10.11	99.95	74.00	25.95	Peak	No Limit
2 *	2434.2000	78.99	10.11	89.10	54.00	35.10	AVG	No Limit

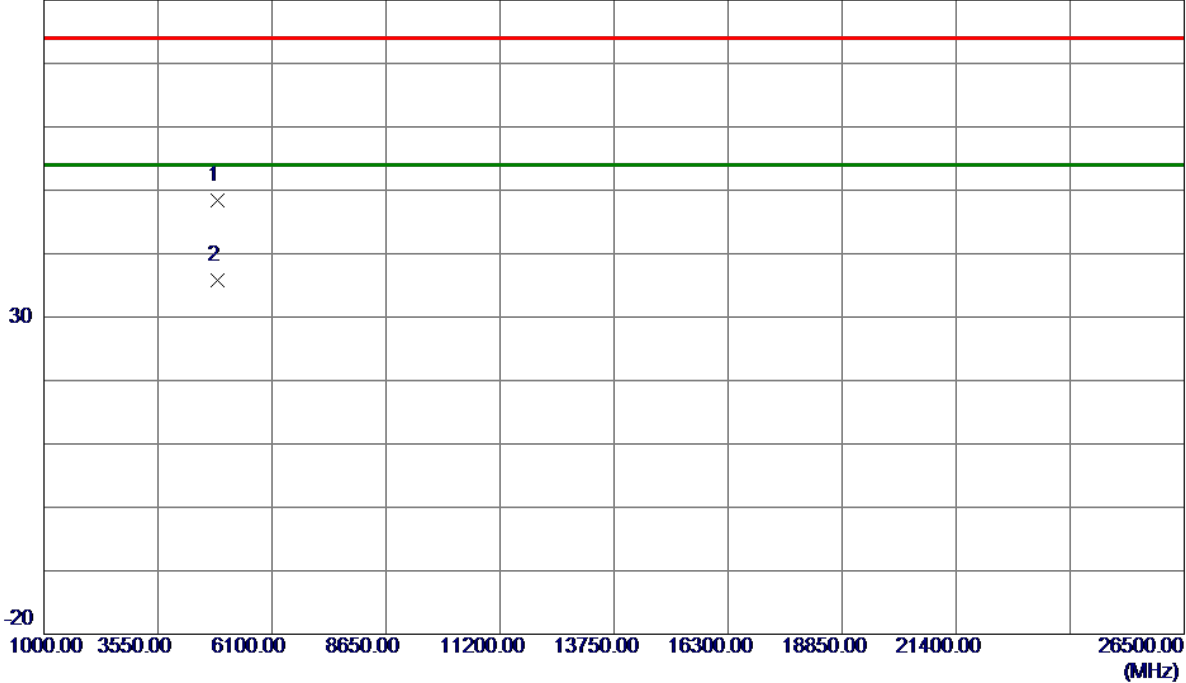
**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX N-40M Mode 2437 MHz

### Horizontal

80 dBuV/m



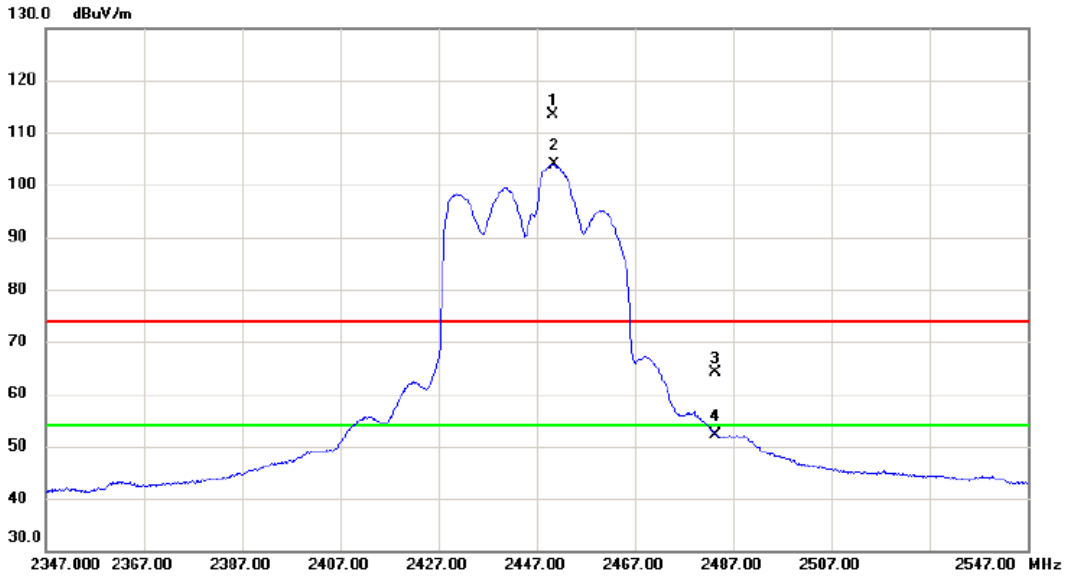
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4870.5500	40.43	7.88	48.31	74.00	-25.69	Peak	
2 *	4870.9600	28.00	7.88	35.88	54.00	-18.12	AVG	

**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX N-40M Mode 2447MHz

### Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	2450.400	103.19	10.17	113.36	74.00	39.36	peak	No Limit
2	*	2450.700	93.80	10.17	103.97	54.00	49.97	AVG	No Limit
3		2483.500	53.78	10.29	64.07	74.00	-9.93	peak	
4		2483.500	41.95	10.29	52.24	54.00	-1.76	AVG	

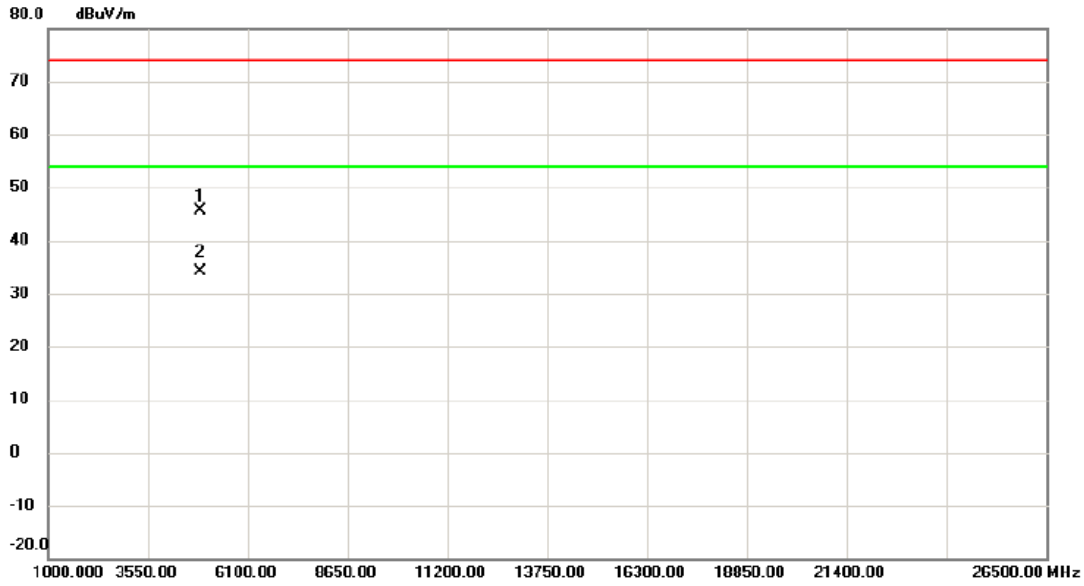
**REMARKS:**

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX N-40M Mode 2447MHz

### Vertical



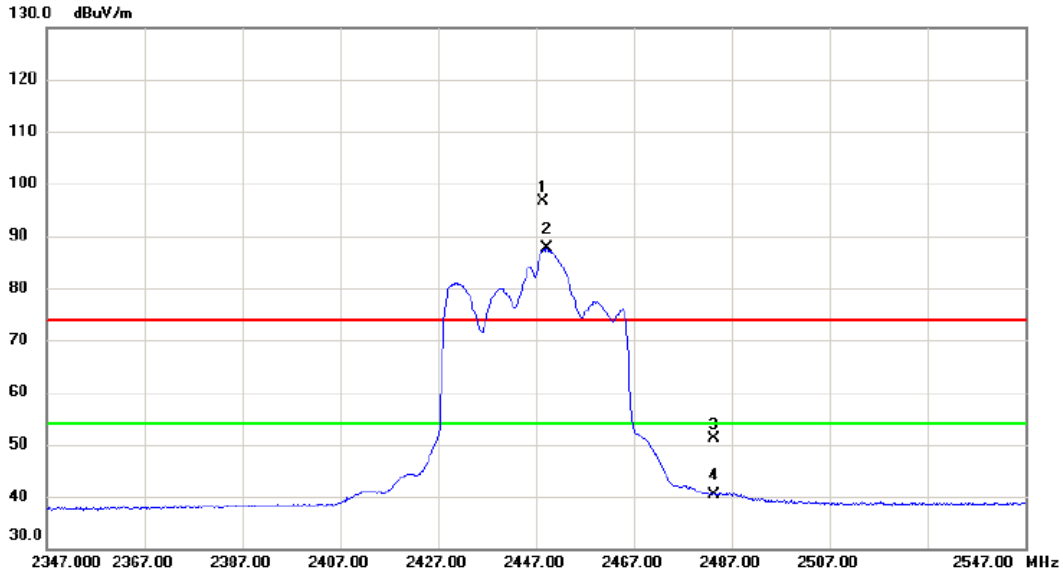
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		4891.480	37.62	7.97	45.59	74.00	-28.41	peak	
2	*	4891.530	26.23	7.97	34.20	54.00	-19.80	AVG	

**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX N-40M Mode 2447MHz

### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	2448.500	86.41	10.17	96.58	74.00	22.58	peak	No Limit
2	*	2449.200	77.49	10.17	87.66	54.00	33.66	AVG	No Limit
3		2483.500	40.86	10.29	51.15	74.00	-22.85	peak	
4		2483.500	30.02	10.29	40.31	54.00	-13.69	AVG	

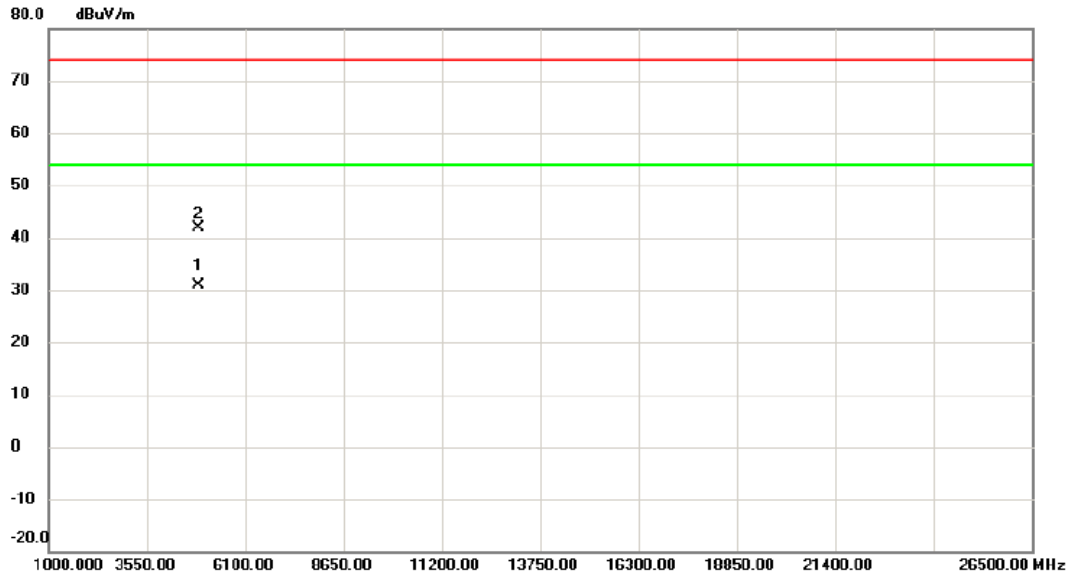
**REMARKS:**

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX N-40M Mode 2447MHz

### Horizontal



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4894.510	22.89	7.97	30.86	54.00	-23.14	AVG	
2	4896.240	33.89	7.97	41.86	74.00	-32.14	peak	

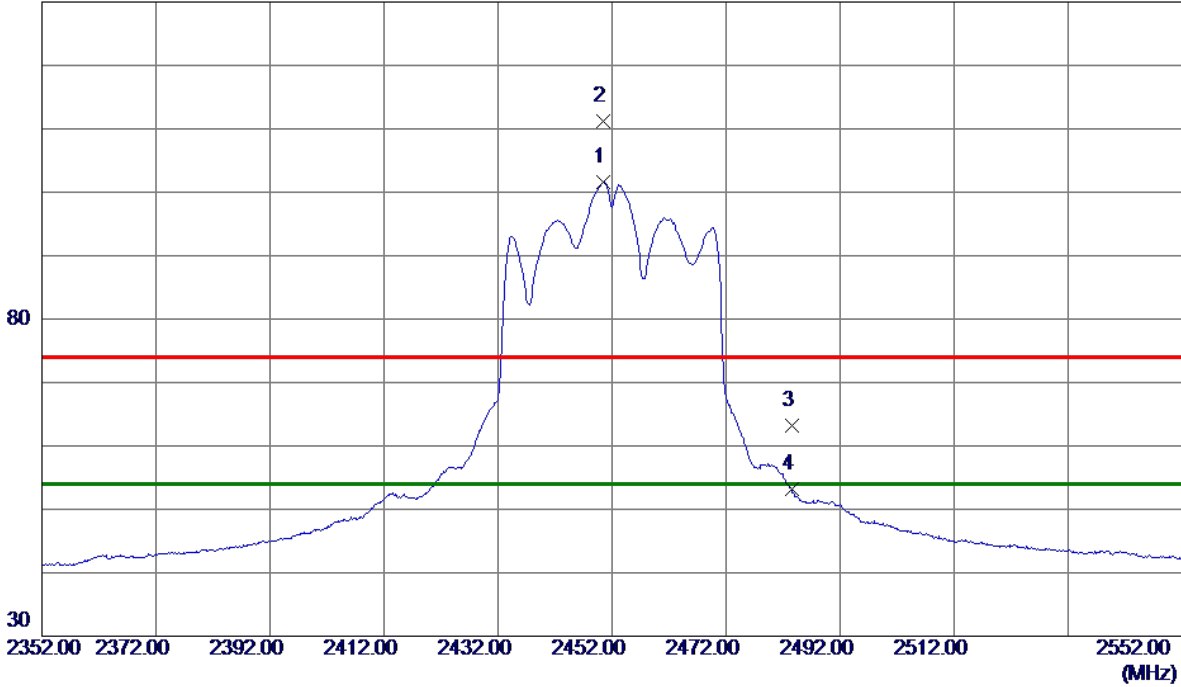
**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX N-40M Mode 2452 MHz

### 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 *	2450.4000	91.45	10.17	101.62	54.00	47.62	AVG	No Limit
2	2450.5000	101.02	10.17	111.19	74.00	37.19	Peak	No Limit
3	2483.5000	52.94	10.30	63.24	74.00	-10.76	Peak	
4	2483.5000	42.94	10.30	53.24	54.00	-0.76	AVG	

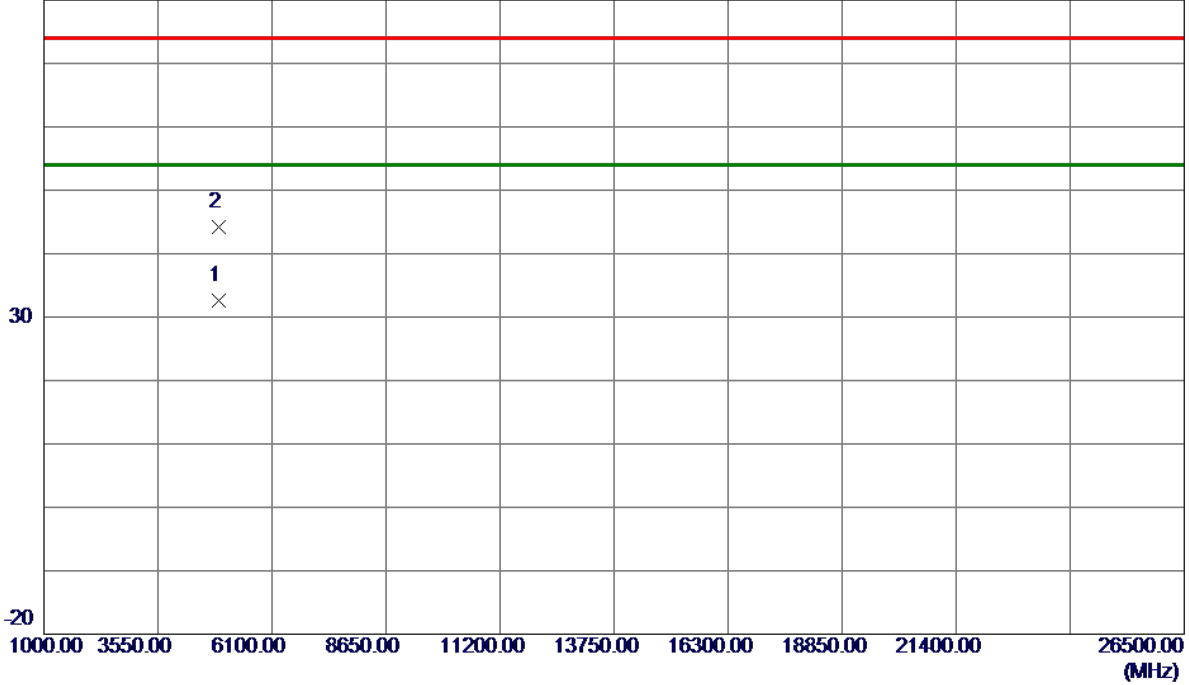
**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX N-40M Mode 2452 MHz

### 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 *	4901.1500	24.69	8.00	32.69	54.00	-21.31	AVG	
2	4903.4300	36.24	8.01	44.25	74.00	-29.75	Peak	

**REMARKS:**

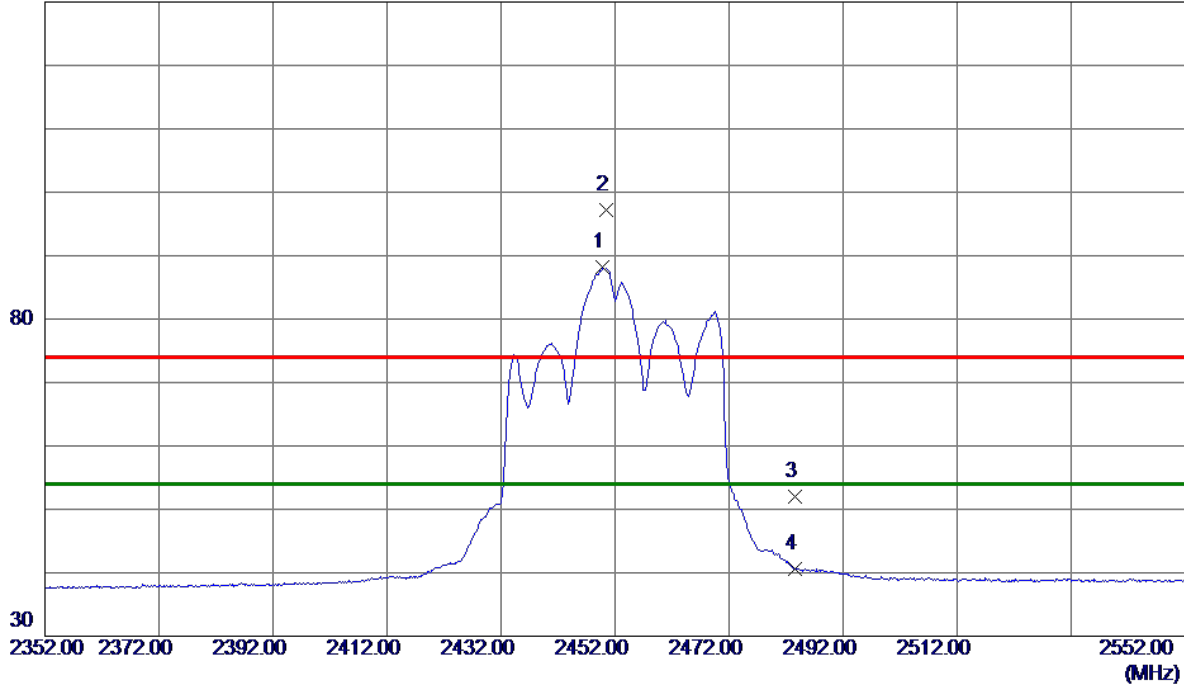
- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.



Test Mode: TX N-40M Mode 2452 MHz

### Horizontal

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 *	2449.8000	77.97	10.17	88.14	54.00	34.14	AVG	No Limit
2	2450.5000	87.06	10.17	97.23	74.00	23.23	Peak	No Limit
3	2483.5000	41.62	10.30	51.92	74.00	-22.08	Peak	
4	2483.5000	30.32	10.30	40.62	54.00	-13.38	AVG	

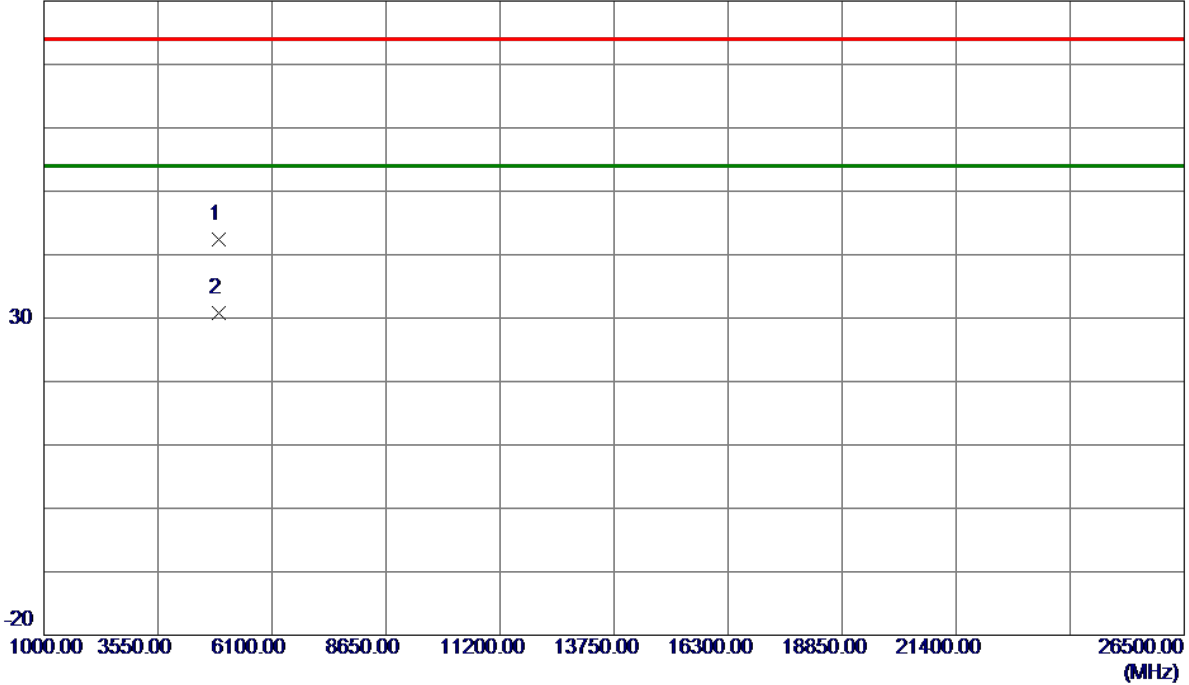
**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode: TX N-40M Mode 2452 MHz

### 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	4903.0500	34.45	8.01	42.46	74.00	-31.54	Peak	
2 *	4910.3000	22.69	8.04	30.73	54.00	-23.27	AVG	

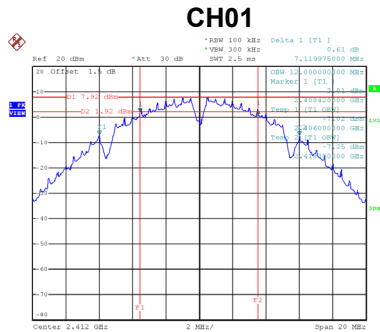
**REMARKS:**

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

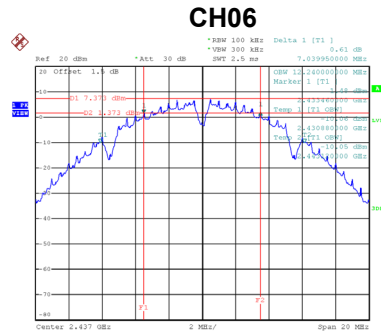
## APPENDIX E - BANDWIDTH

Test Mode	TX B Mode
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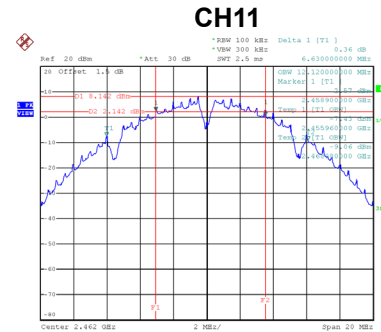
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
01	2412	7.12	500	Complies
06	2437	7.04	500	Complies
11	2462	6.63	500	Complies



Date: 20.JAN.2020 12:50:21

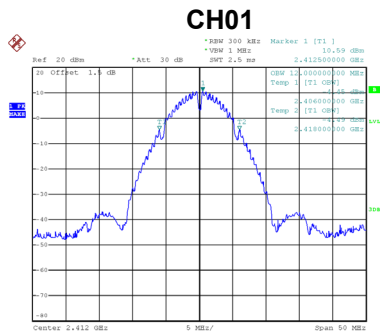


Date: 20.JAN.2020 12:53:46

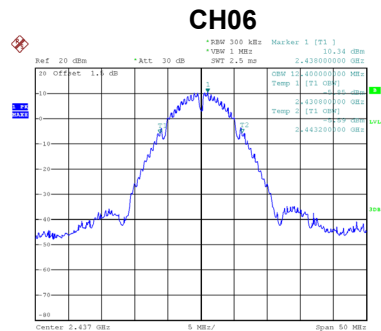


Date: 20.JAN.2020 12:55:18

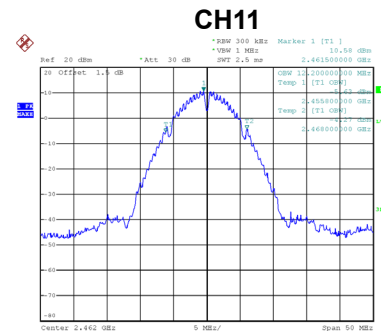
Channel	Frequency (MHz)	99 % Emission Bandwidth (MHz)	Result
01	2412	12.00	Complies
06	2437	12.40	Complies
11	2462	12.20	Complies



Date: 11.JAN.2020 14:37:01



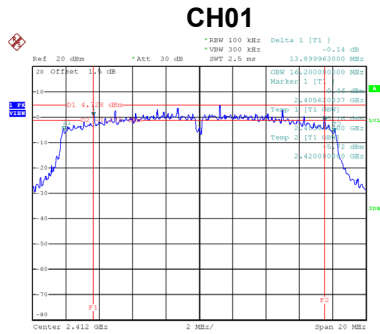
Date: 11.JAN.2020 14:37:36



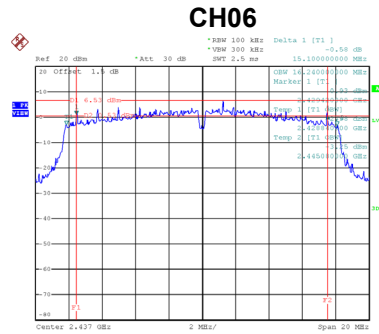
Date: 11.JAN.2020 14:38:26

Test Mode	TX G Mode
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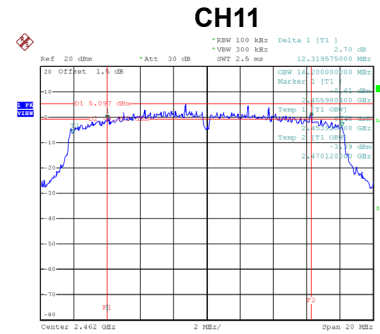
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
01	2412	13.90	500	Complies
06	2437	15.10	500	Complies
11	2462	12.32	500	Complies



Date: 20.JAN.2020 12:57:03

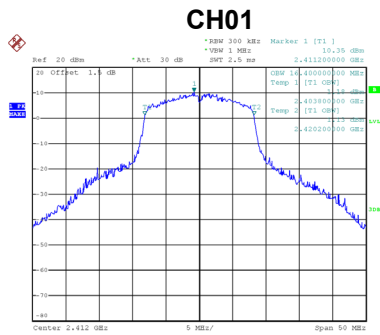


Date: 20.JAN.2020 12:58:50

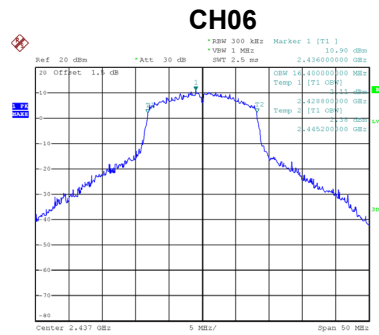


Date: 20.JAN.2020 13:00:14

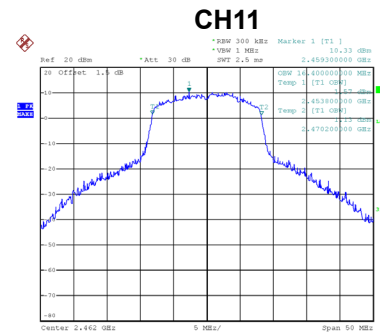
Channel	Frequency (MHz)	99 % Emission Bandwidth (MHz)	Result
01	2412	16.40	Complies
06	2437	16.40	Complies
11	2462	16.40	Complies



Date: 11.JAN.2020 14:38:49



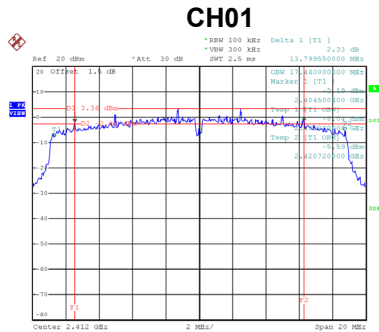
Date: 11.JAN.2020 14:39:10



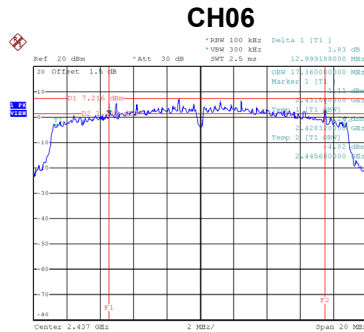
Date: 11.JAN.2020 14:39:31

Test Mode	TX N-20M Mode
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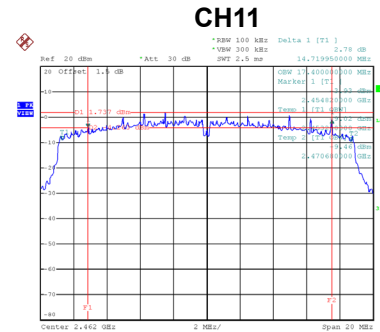
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
01	2412	13.80	500	Complies
06	2437	13.00	500	Complies
11	2462	14.72	500	Complies



Date: 20\_JAN\_2020 13:01:42

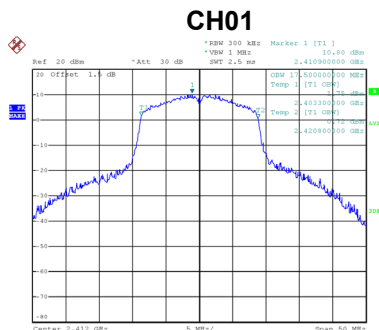


Date: 20\_JAN\_2020 13:03:27

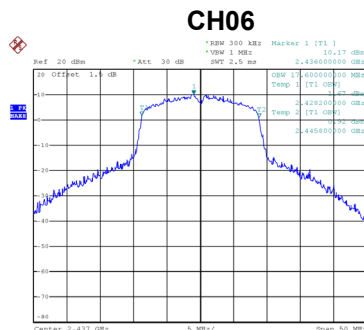


Date: 20\_JAN\_2020 13:04:52

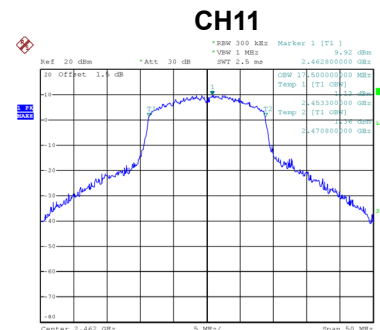
Channel	Frequency (MHz)	99 % Emission Bandwidth (MHz)	Result
01	2412	17.50	Complies
06	2437	17.60	Complies
11	2462	17.50	Complies



Date: 11\_JAN\_2020 14:39:58



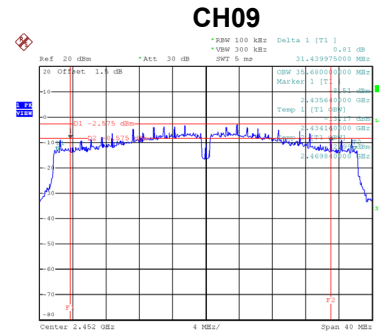
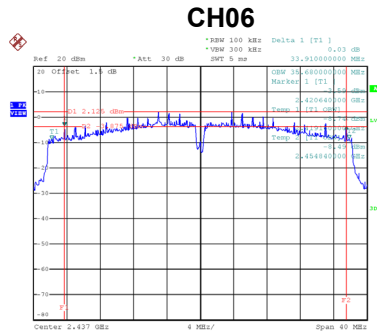
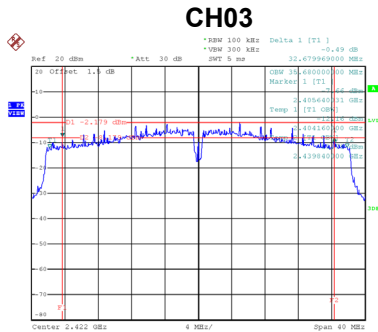
Date: 11\_JAN\_2020 14:40:19



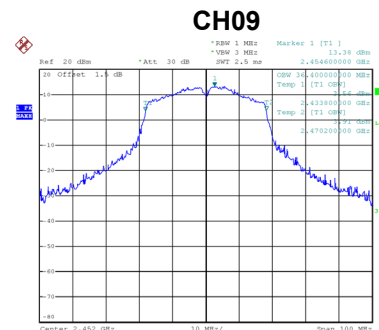
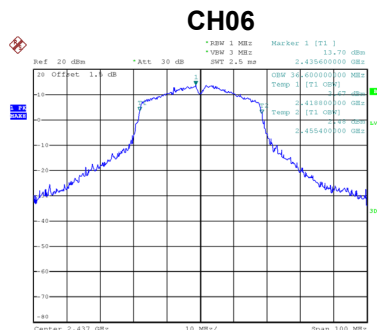
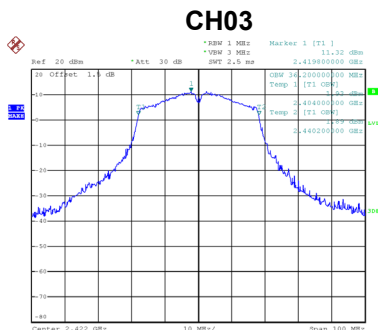
Date: 11\_JAN\_2020 14:40:36

Test Mode	TX N-40M Mode
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Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
03	2422	32.68	500	Complies
06	2437	33.91	500	Complies
09	2452	31.44	500	Complies



Channel	Frequency (MHz)	99 % Emission Bandwidth (MHz)	Result
03	2422	36.20	Complies
06	2437	36.60	Complies
09	2452	36.40	Complies



## **APPENDIX F - MAXIMUM AVERAGE OUTPUT POWER**



Test Mode	TX B Mode_Ant. 1
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Channel	Frequency (MHz)	Avg Output Power (dBm)	Duty Factor	Avg Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	16.58	0.00	16.58	30.00	1.0000	Complies
06	2437	15.24	0.00	15.24	30.00	1.0000	Complies
11	2462	15.31	0.00	15.31	30.00	1.0000	Complies

Test Mode	TX B Mode_Ant. 2
-----------	------------------

Channel	Frequency (MHz)	Avg Output Power (dBm)	Duty Factor	Avg Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	16.34	0.00	16.34	30.00	1.0000	Complies
06	2437	15.11	0.00	15.11	30.00	1.0000	Complies
11	2462	15.18	0.00	15.18	30.00	1.0000	Complies

Test Mode	TX B Mode_Ant. 3
-----------	------------------

Channel	Frequency (MHz)	Avg Output Power (dBm)	Duty Factor	Avg Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	16.28	0.00	16.28	30.00	1.0000	Complies
06	2437	15.16	0.00	15.16	30.00	1.0000	Complies
11	2462	15.29	0.00	15.29	30.00	1.0000	Complies

Test Mode	TX B Mode_Total
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Channel	Frequency (MHz)	Avg Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	21.17	30.00	1.0000	Complies
06	2437	19.94	30.00	1.0000	Complies
11	2462	20.03	30.00	1.0000	Complies

Test Mode	TX G Mode_Ant. 1
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Channel	Frequency (MHz)	Avg Output Power (dBm)	Duty Factor	Avg Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	14.71	0.12	14.83	30.00	1.0000	Complies
06	2437	16.41	0.12	16.53	30.00	1.0000	Complies
11	2462	15.24	0.12	15.36	30.00	1.0000	Complies

Test Mode	TX G Mode_Ant. 2
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Channel	Frequency (MHz)	Avg Output Power (dBm)	Duty Factor	Avg Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	14.58	0.12	14.70	30.00	1.0000	Complies
06	2437	16.29	0.12	16.41	30.00	1.0000	Complies
11	2462	15.13	0.12	15.25	30.00	1.0000	Complies

Test Mode	TX G Mode_Ant. 3
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Channel	Frequency (MHz)	Avg Output Power (dBm)	Duty Factor	Avg Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	14.37	0.12	14.49	30.00	1.0000	Complies
06	2437	16.15	0.12	16.27	30.00	1.0000	Complies
11	2462	15.08	0.12	15.20	30.00	1.0000	Complies

Test Mode	TX G Mode_Total
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Channel	Frequency (MHz)	Avg Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	19.45	30.00	1.0000	Complies
06	2437	21.17	30.00	1.0000	Complies
11	2462	20.04	30.00	1.0000	Complies

Test Mode	TX N-20M Mode_Ant. 1
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Channel	Frequency (MHz)	Avg Output Power (dBm)	Duty Factor	Avg Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	13.71	0.12	13.83	30.00	1.0000	Complies
06	2437	17.37	0.12	17.49	30.00	1.0000	Complies
11	2462	12.11	0.12	12.23	30.00	1.0000	Complies

Test Mode	TX N-20M Mode_Ant. 2
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Channel	Frequency (MHz)	Avg Output Power (dBm)	Duty Factor	Avg Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	13.54	0.12	13.66	30.00	1.0000	Complies
06	2437	17.73	0.12	17.85	30.00	1.0000	Complies
11	2462	11.96	0.12	12.08	30.00	1.0000	Complies

Test Mode	TX N-20M Mode_Ant. 3
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Channel	Frequency (MHz)	Avg Output Power (dBm)	Duty Factor	Avg Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	13.49	0.12	13.61	30.00	1.0000	Complies
06	2437	16.98	0.12	17.10	30.00	1.0000	Complies
11	2462	11.89	0.12	12.01	30.00	1.0000	Complies

Test Mode	TX N-20M Mode_Total
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Channel	Frequency (MHz)	Avg Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	18.48	30.00	1.0000	Complies
06	2437	22.27	30.00	1.0000	Complies
11	2462	16.88	30.00	1.0000	Complies

Test Mode	TX N-40M Mode_Ant. 1
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Channel	Frequency (MHz)	Avg Output Power (dBm)	Duty Factor	Avg Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	10.54	0.21	10.75	30.00	1.0000	Complies
06	2437	14.31	0.21	14.52	30.00	1.0000	Complies
09	2452	9.53	0.21	9.74	30.00	1.0000	Complies

Test Mode	TX N-40M Mode_Ant. 2
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Channel	Frequency (MHz)	Avg Output Power (dBm)	Duty Factor	Avg Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	10.47	0.21	10.68	30.00	1.0000	Complies
06	2437	14.15	0.21	14.36	30.00	1.0000	Complies
09	2452	9.61	0.21	9.82	30.00	1.0000	Complies

Test Mode	TX N-40M Mode_Ant. 3
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Channel	Frequency (MHz)	Avg Output Power (dBm)	Duty Factor	Avg Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	10.33	0.21	10.54	30.00	1.0000	Complies
06	2437	14.07	0.21	14.28	30.00	1.0000	Complies
09	2452	9.22	0.21	9.43	30.00	1.0000	Complies

Test Mode	TX N-40M Mode_Total
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Channel	Frequency (MHz)	Avg Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	15.43	30.00	1.0000	Complies
06	2437	19.16	30.00	1.0000	Complies
09	2452	14.43	30.00	1.0000	Complies

## **APPENDIX G - CONDUCTED SPURIOUS EMISSIONS**