

# FCC Radio Test Report

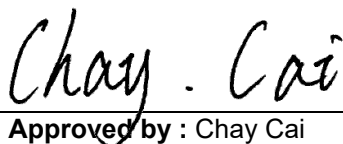
## FCC ID: 2AXJ4EAP110ODV4

This report concerns: Original Grant

**Project No.** : 2109C147  
**Equipment** : 300Mbps Wireless N Outdoor Access Point  
**Brand Name** : tp-link  
**Test Model** : EAP110-Outdoor  
**Series Model** : N/A  
**Applicant** : TP-Link Corporation Limited  
**Address** : Room 901, 9/F. , New East Ocean Centre, 9 Science Museum Road,  
Tsim Sha Tsui, Kowloon, Hong Kong  
**Manufacturer** : TP-Link Corporation Limited  
**Address** : Room 901, 9/F. , New East Ocean Centre, 9 Science Museum Road,  
Tsim Sha Tsui, Kowloon, Hong Kong  
**Date of Receipt** : Sep. 22, 2021  
**Date of Test** : Sep. 27, 2021 ~ Dec. 01, 2021  
**Issued Date** : Dec. 14, 2021  
**Report Version** : R00  
**Test Sample** : Engineering Sample No.: DG2021092486 for conducted,  
DG2021092487 for radiated.  
**Standard(s)** : FCC CFR Title 47, Part 15, Subpart C  
FCC KDB 558074 D01 15.247 Meas Guidance v05r02  
FCC KDB 662911 D01 Multiple Transmitter Output v02r01  
ANSI C63.10-2013

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

  
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TESTING CERT #5123.02

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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.	Dec. 14, 2021

## 1. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

FCC CFR Title 47, Part 15, Subpart C				
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 of a non-standard antenna jack 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 Rd. Shixia, Dalang Town, Dongguan City, Guangdong, People's Republic of China.

BTL's 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	U,(dB)
DG-CB01	CISPR	9kHz ~ 30MHz	2.36

Test Site	Method	Measurement Frequency Range	Ant. H / V	U,(dB)
DG-CB03 (3m)	CISPR	30MHz ~ 200MHz	V	4.36
		30MHz ~ 200MHz	H	3.32
		200MHz ~ 1,000MHz	V	4.08
		200MHz ~ 1,000MHz	H	3.96

Test Site	Method	Measurement Frequency Range	U,(dB)
DG-CB03 (3m)	CISPR	1GHz ~ 6GHz	3.80
		6GHz ~ 18GHz	4.82

Test Site	Method	Measurement Frequency Range	U,(dB)
DG-CB03 (1m)	CISPR	18 ~ 26.5 GHz	3.62
		26.5 ~ 40 GHz	4.00



## C. Other Measurement:

Test Item	Uncertainty
Bandwidth	±3.8 %
Maximum Output Power	±0.95 dB
Conducted Spurious Emission	±2.71 dB
Power Spectral Density	±0.86 dB
Temperature	±0.08 °C
Humidity	±1.5%

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	24°C	50%	AC 120V/60Hz	Aries Tang
Radiated Emissions-9kHz to 30 MHz	23°C	59%	AC 120V/60Hz	Torocat Yuan
Radiated Emissions-30MHz to 1000MHz	21°C	45%	AC 120V/60Hz	Jakyri Wen
Radiated Emissions-Above 1000MHz	24°C	60%	AC 120V/60Hz	Jakyri Wen
Bandwidth	21°C	49%	AC 120V/60Hz	Longdage Feng
Maximum Average Output Power	21°C	60%	AC 120V/60Hz	Jesse Wang
Conducted Spurious Emissions	21°C	49%	AC 120V/60Hz	Longdage Feng
Power Spectral Density	21°C	49%	AC 120V/60Hz	Longdage Feng

## 2. GENERAL INFORMATION

### 2.1 GENERAL DESCRIPTION OF EUT

Equipment	300Mbps Wireless N Outdoor Access Point
Brand Name	tp-link
Test Model	EAP110-Outdoor
Series Model	N/A
Model Difference(s)	N/A
Power Source	DC Voltage supplied from PoE adapter. Model: TL-POE2406
Power Rating	I/P:100-240V~ 50/60Hz 0.3A    O/P:24V $\approx$ 0.25A
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 300 Mbps
Maximum Average Output Power	IEEE 802.11b: 22.60 dBm (0.1820 W)

Note:

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

#### 2. 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	tp-link	3101501571	Dipole	RP-SMA-F	1
2	tp-link	3101501571	Dipole	RP-SMA-F	1

Note:

- This EUT supports CDD, and all antennas have the same gain, Directional gain =  $G_{ANT} + \text{Array Gain}$ .  
For power measurements,  $\text{Array Gain} = 0\text{dB}$  ( $N_{ANT} \leq 4$ ), so the Directional gain = 1.  
For power spectral density measurements,  $N_{ANT} = 2$ ,  $N_{SS} = 1$ .  
So the Directional gain =  $G_{ANT} + \text{Array Gain} = G_{ANT} + 10\log(N_{ANT}/N_{SS})\text{dBi} = 1 + 10\log(2/1)\text{dBi} = 4.01$ .
- The antenna gain is provided by the manufacturer.

## 4. Table for Antenna Configuration:

Operating Mode	TX Mode	2TX
IEEE 802.11b		V(Ant. 1 + Ant. 2)
IEEE 802.11g		V(Ant. 1 + Ant. 2)
IEEE 802.11n(HT20)		V(Ant. 1 + Ant. 2)
IEEE 802.11n(HT40)		V(Ant. 1 + Ant. 2)

## 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(HT20) Mode Channel 01/06/11
Mode 4	TX N(HT40) Mode Channel 03/06/09
Mode 5	TX B Mode Channel 11
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(HT20) Mode Channel 01/02/06/10/11
Mode 9	TX N(HT40) 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 B Mode Channel 11

<b>Radiated emissions test - Below 1GHz</b>	
Final Test Mode	Description
Mode 5	TX B Mode Channel 11

<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(HT20) Mode Channel 01/02/06/10/11
Mode 9	TX N(HT40) 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(HT20) Mode Channel 01/06/11
Mode 4	TX N(HT40) Mode Channel 03/06/09

**NOTE:**

- (1) All the bit rate of transmitter have been tested and found the lowest rate is found to be the worst case and recorded.
- (2) For AC power line conducted emissions and radiated emission below 1 GHz test, the TX B Mode Channel 11 is found to be the worst case and recorded.
- (3) For radiated emission above 1 GHz test, the spurious points of 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.
- (4) For radiated emission test, every axis (X, Y, Z) are verified. The test results shown in the following sections represent the worst case emissions.

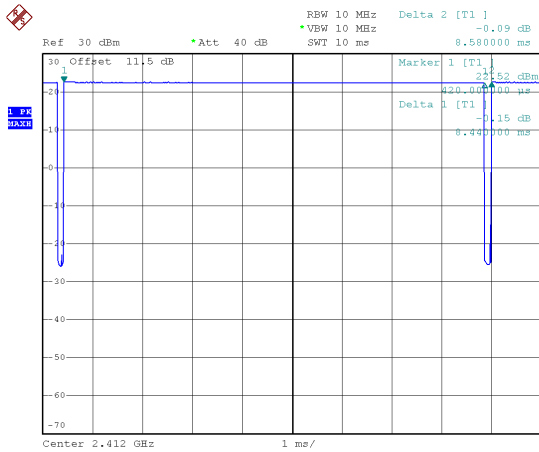
### 2.3 PARAMETERS OF TEST SOFTWARE

Test Software Version	Package_UIv100_DLLv2.38
-----------------------	-------------------------

## 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.

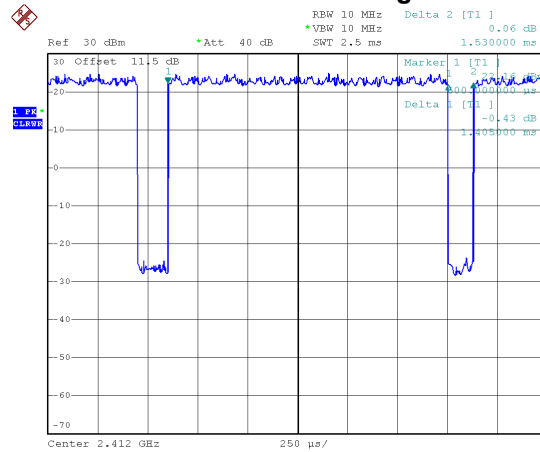
**IEEE 802.11b**



Date: 13.OCT.2021 16:36:27

Duty cycle =  $8.440 \text{ ms} / 8.580 \text{ ms} = 98.37\%$   
 Duty Factor =  $10 \log(1/\text{Duty cycle}) = 0.00$

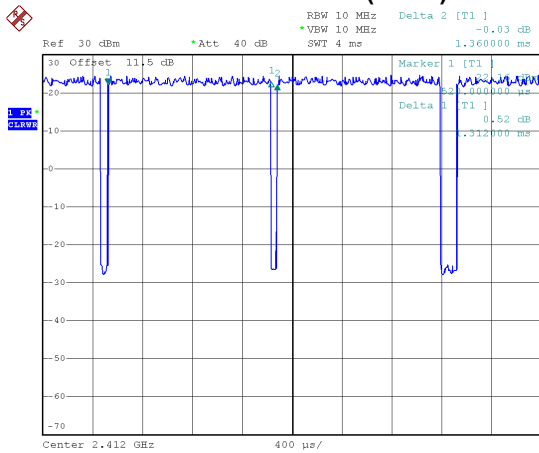
**IEEE 802.11g**



Date: 13.OCT.2021 16:37:00

Duty cycle =  $1.405 \text{ ms} / 1.530 \text{ ms} = 91.83\%$   
 Duty Factor =  $10 \log(1/\text{Duty cycle}) = 0.37$

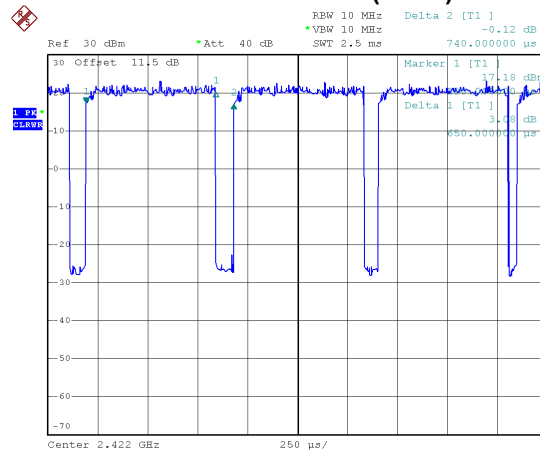
**IEEE 802.11n(HT20)**



Date: 13.OCT.2021 16:40:13

Duty cycle =  $1.312 \text{ ms} / 1.360 \text{ ms} = 96.47\%$   
 Duty Factor =  $10 \log(1/\text{Duty cycle}) = 0.16$

**IEEE 802.11n(HT40)**



Date: 13.OCT.2021 16:39:33

Duty cycle =  $0.650 \text{ ms} / 0.740 \text{ ms} = 87.84\%$   
 Duty Factor =  $10 \log(1/\text{Duty cycle}) = 0.56$

**NOTE:**

For IEEE 802.11b:

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.

For IEEE 802.11g:

For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 712 Hz.

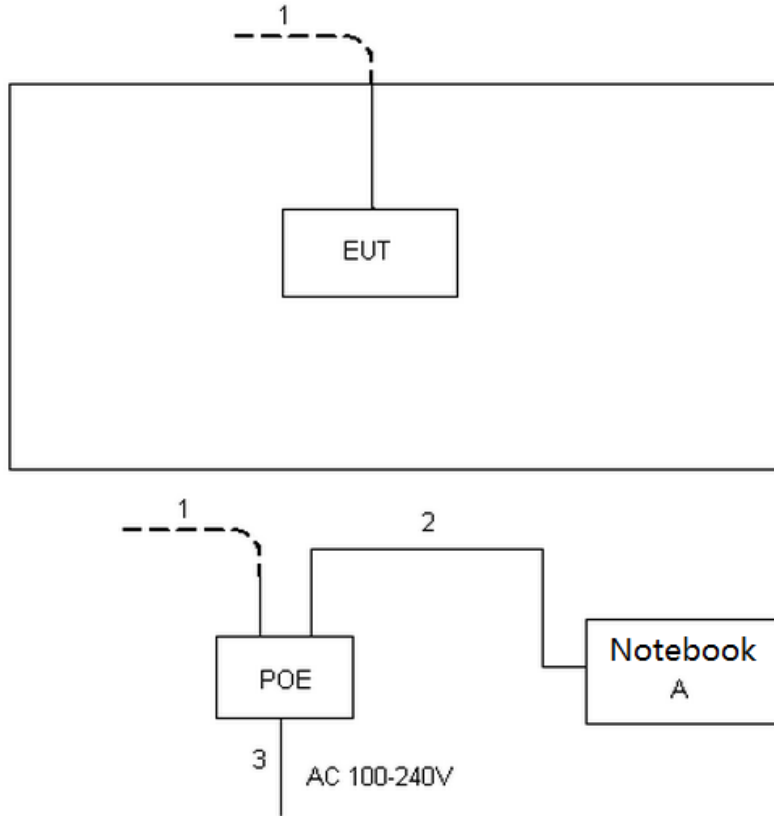
For IEEE 802.11n(HT20):

For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 762 Hz.

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 1538 Hz.

## 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	RJ45 Cable	NO	NO	10m
2	Network Cable	NO	NO	1m
3	AC Cable	NO	NO	1.5m



### 3. AC POWER LINE CONDUCTED EMISSIONS

#### 3.1 LIMIT

Frequency of Emission (MHz)	Limit (dB $\mu$ V)	
	Quasi-peak	Average
0.15 - 0.5	66 to 56*	56 to 46*
0.5 - 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.

#### 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.

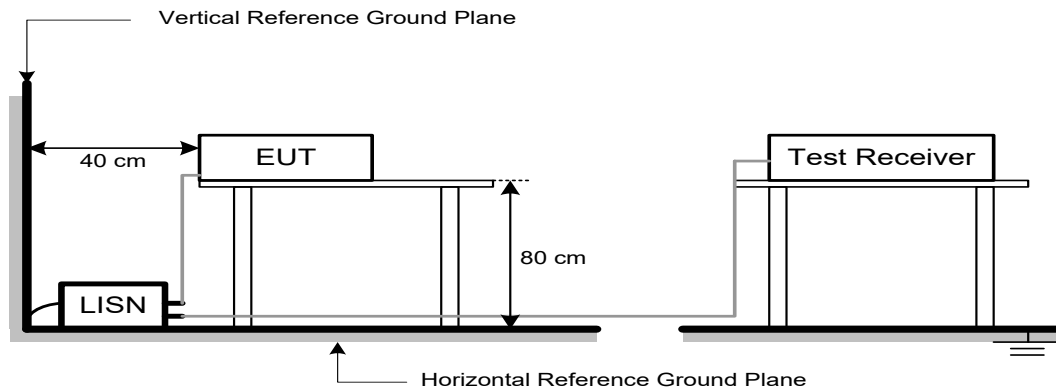
The following table is the setting of the receiver:

Receiver Parameters	Setting
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz

#### 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

### 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 CFR Title 47, Part 15, Subpart C.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).

## 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.

The following table is the setting of the receiver:

Spectrum Parameters	Setting
Start ~ Stop Frequency	9 kHz~150 kHz for RBW 200 Hz
Start ~ Stop Frequency	0.15 MHz~30 MHz for RBW 9 kHz
Start ~ Stop Frequency	30 MHz~1000 MHz for RBW 100 kHz

Spectrum Parameters	Setting
Start Frequency	1000 MHz
Stop Frequency	10th carrier harmonic
RBW / VBW (Emission in restricted band)	1 MHz / 3 MHz for PK value 1 MHz / 1/T Hz for AVG value

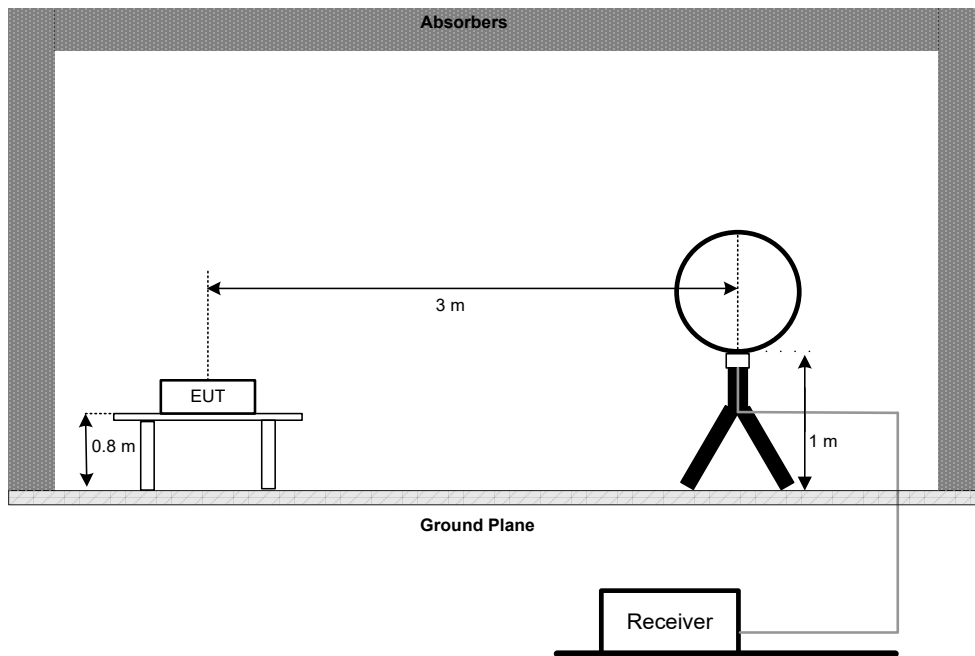
Receiver Parameters	Setting
Start ~ Stop Frequency	9 kHz~90 kHz for PK/AVG detector
Start ~ Stop Frequency	90 kHz~110 kHz for QP detector
Start ~ Stop Frequency	110 kHz~490 kHz for PK/AVG detector
Start ~ Stop Frequency	490 kHz~30 MHz for QP detector
Start ~ Stop Frequency	30 MHz~1000 MHz for QP detector
Start ~ Stop Frequency	1 GHz~26.5 GHz for PK/AVG detector

### 4.3 DEVIATION FROM TEST STANDARD

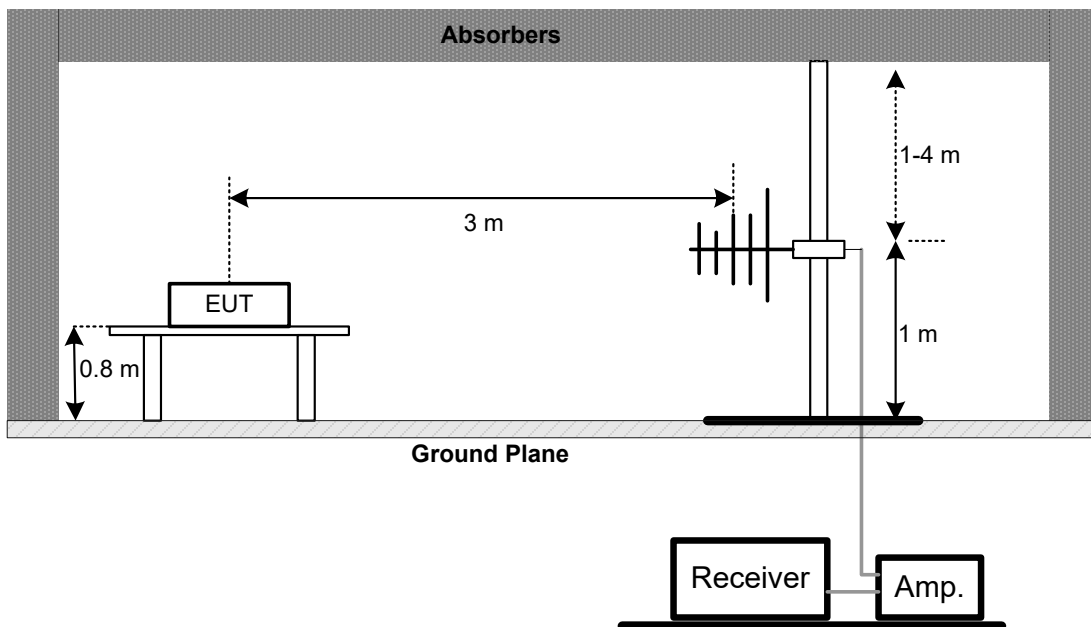
No deviation.

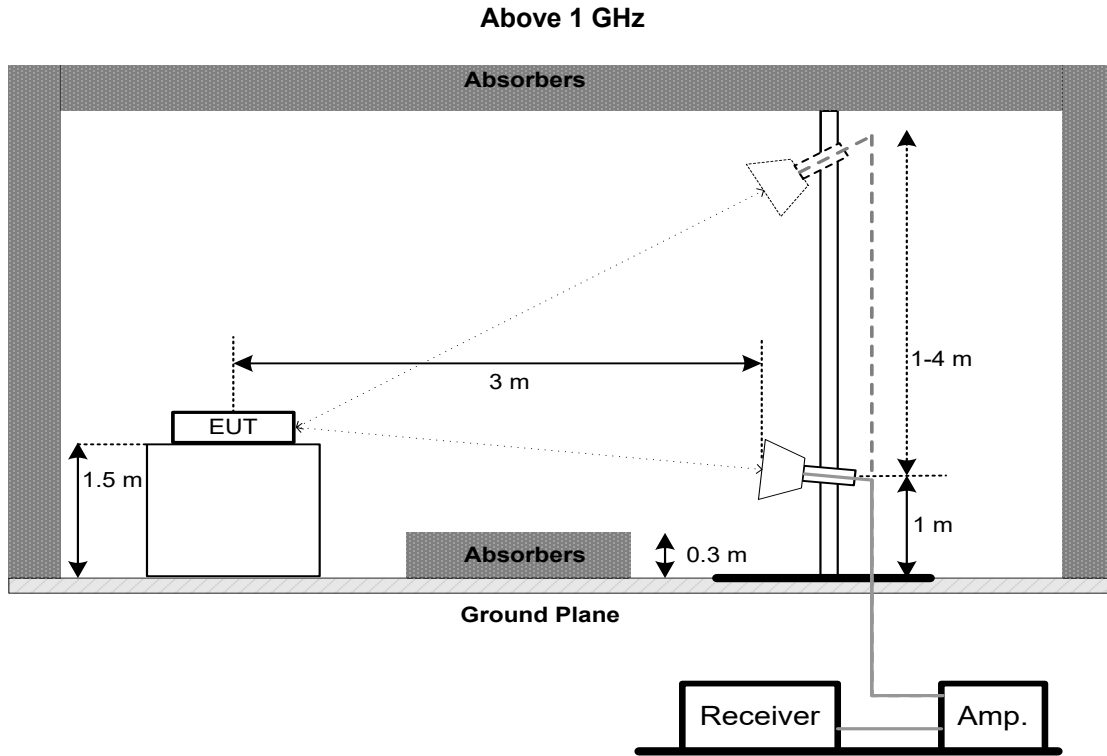
### 4.4 TEST SETUP

#### 9 kHz to 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

### 5.1 LIMIT

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

### 5.2 TEST PROCEDURE

- The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
- The following table is the setting of the spectrum analyzer:

For 6 dB Bandwidth:

Spectrum Parameters	Setting
Span Frequency	> Measurement Bandwidth
RBW	100 kHz
VBW	300 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

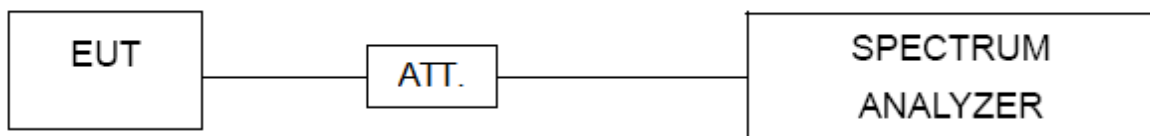
For 99% Emission Bandwidth:

Spectrum Parameters	Setting
Span Frequency	Between 1.5 times and 5.0 times the OBW
RBW	300 kHz For 20MHz 1 MHz For 40MHz
VBW	1 MHz For 20MHz 3 MHz For 40MHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

### 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

### 6.1 LIMIT

Section	Test Item	Limit
FCC 15.247(b)(3)	Maximum Average Output Power	1.0000 Watt or 30.00 dBm

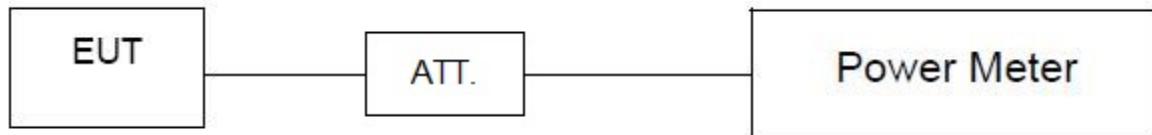
### 6.2 TEST PROCEDURE

- 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. The following table is the setting of the spectrum analyzer:

For Reference Level:

Spectrum Parameters	Setting
Span Frequency	$\geq 1.5$ times the bandwidth.
RBW	100 kHz
VBW	300 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

For Emission Level:

Spectrum Parameters	Setting
Start Frequency	30 MHz
Stop Frequency	26.5 GHz
RBW	100 kHz
VBW	300 kHz
Detector	Peak
Trace	Max Hold
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****8.1 LIMIT**

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

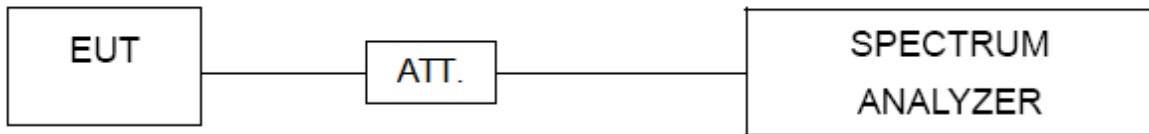
**8.2 TEST PROCEDURE**

- The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
- The following table is the setting of the spectrum analyzer:

Spectrum Parameters	Setting
Span Frequency	1.5 times the DTS bandwidth
RBW	3 kHz
VBW	10 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

**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	Feb. 28, 2022
2	LISN	EMCO	3816/2	52765	Feb. 27, 2022
3	TWO-LINE V-NETWORK	R&S	ENV216	101447	Feb. 27, 2022
4	50Ω Terminator	SHX	TF5-3	15041305	Feb. 27, 2022
5	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
6	Cable	N/A	RG223	12m	Mar. 09, 2022
7	643 Shield Room	ETS	6*4*3	N/A	N/A

Radiated Emissions - 9 kHz to 30 MHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	MXE EMI Receiver	Keysight	N9038A	MY56400091	Feb. 27, 2022
2*	Active Loop Antenna	R&S	HFH2-Z2	830749/020	Aug. 23, 2024
3	Cable	N/A	RG 213/U(9kHz~1GHz)	N/A	May 27, 2022
4	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
5	966 Chamber Room	ETS	9*6*6	N/A	Jul. 17, 2022

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. 15, 2022
2	Amplifier	HP	8447D	2944A08742	Feb. 28, 2022
3	Cable	emci	LMR-400	N/A	Nov. 30, 2022
4	Controller	CT	SC100	N/A	N/A
5	Controller	MF	MF-7802	MF780208416	N/A
6	Receiver	Agilent	N9038A	MY52130039	Mar. 19, 2022
7	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
8	966 Chamber Room	RM	9*6*6	N/A	Jul. 24, 2022

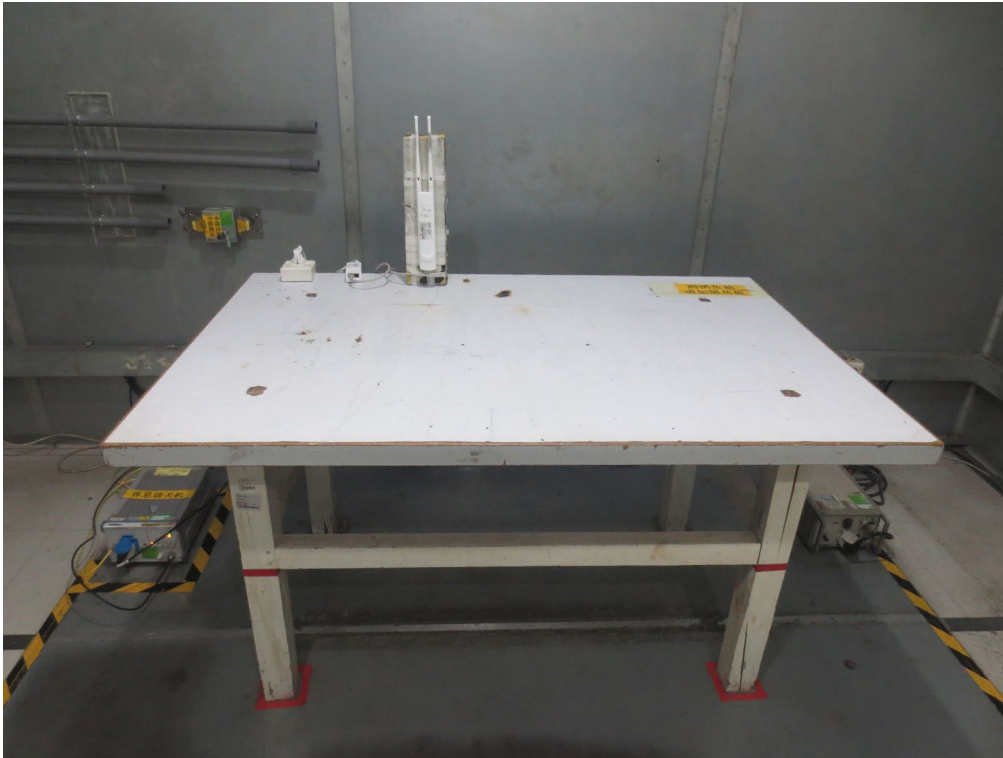
Radiated Emissions - Above 1 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Double Ridged Horn Antenna	ARA	DRG-118A	16554	Apr. 21, 2022
2	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Jun. 30, 2022
3	Amplifier	Agilent	8449B	3008A02584	Jul. 10, 2022
4	Controller	CT	SC100	N/A	N/A
5	Controller	MF	MF-7802	MF780208416	N/A
6	Receiver	Agilent	N9038A	MY52130039	Mar. 19, 2022
7	EXA Spectrum Analyzer	Keysight	N9010A	MY56480488	Feb. 28, 2022
8	Low Noise Amplifier	CONNPHY	CLN-18G40G-4330-K	619413	Jul. 16, 2022
9	Cable	N/A	A81-SMAMSMAM-12.5M	N/A	Oct. 15, 2022
10	Cable	Talent microwave	A40-2.92M2.92M-2.5M	N/A	Nov. 30, 2022
11	Filter	STI	STI15-9912	N/A	Jul. 10, 2022
12	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
13	966 Chamber Room	RM	9*6*6	N/A	Jul. 24, 2022

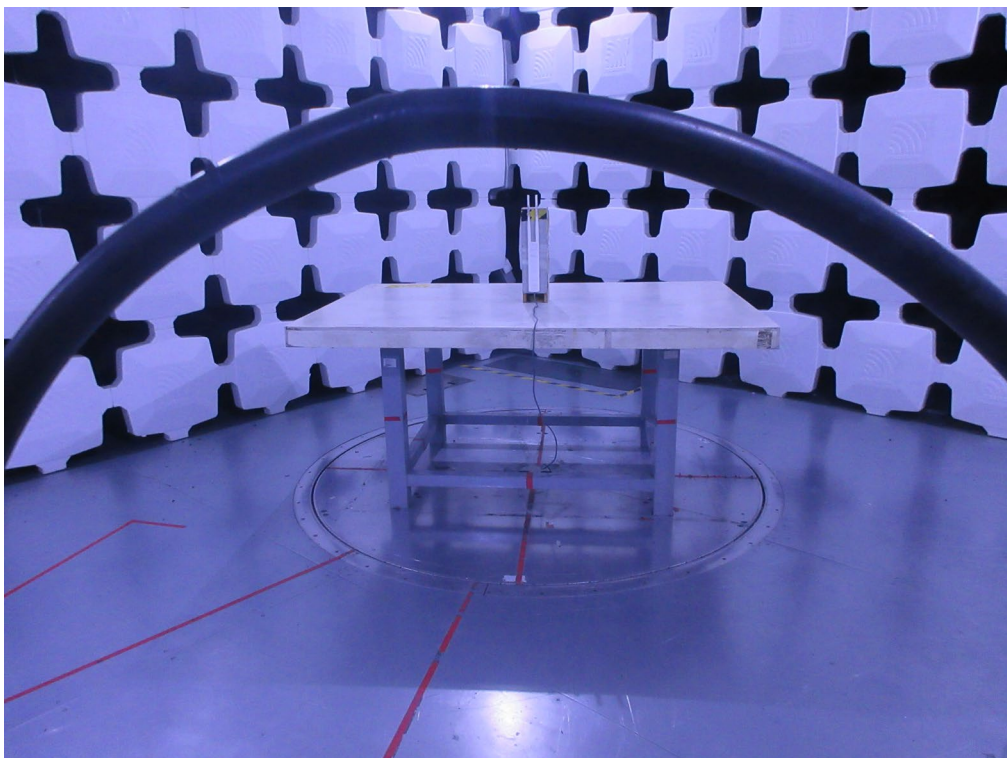
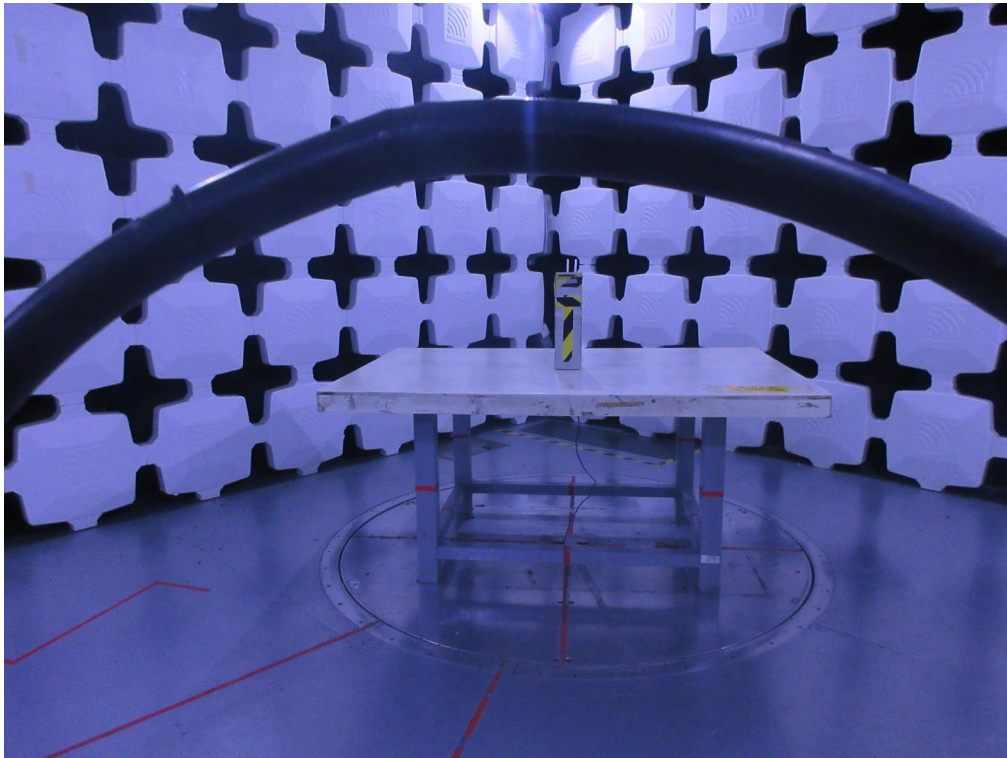
Bandwidth & Conducted Spurious Emissions & Power Spectral Density					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100185	Jul. 10, 2022
2	Attenuator	WOKEN	6SM3502	VAS1214NL	Feb. 07, 2022
3	RF Cable	Tongkaichuan	N/A	N/A	N/A
4	DC Block	Mini	N/A	N/A	N/A

Maximum Average Output Power					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Peak Power Analyzer	Keysight	8990B	MY51000506	Jul. 10, 2022
2	Wideband power sensor	Keysight	N1923A	MY58310004	Jul. 10, 2022
3	Attenuator	WOKEN	6SM3502	VAS1214NL	Feb. 07, 2022
4	RF Cable	Tongkaichuan	N/A	N/A	N/A

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

All calibration period of equipment list is one year.

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

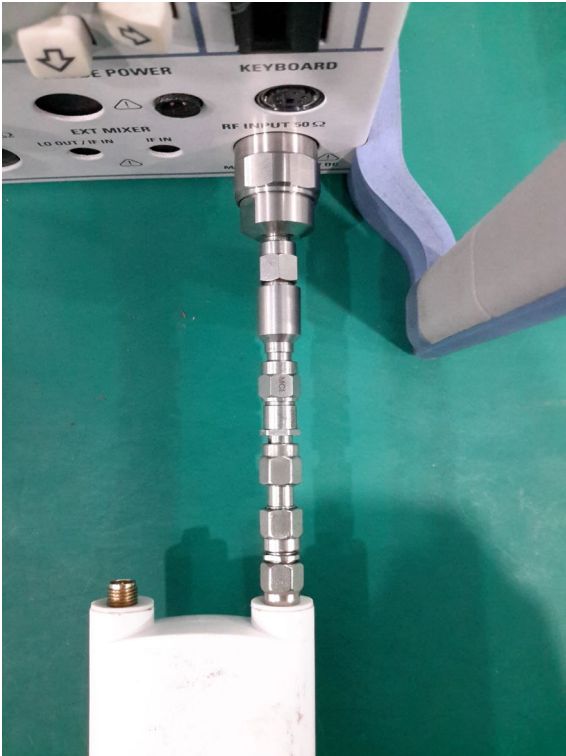
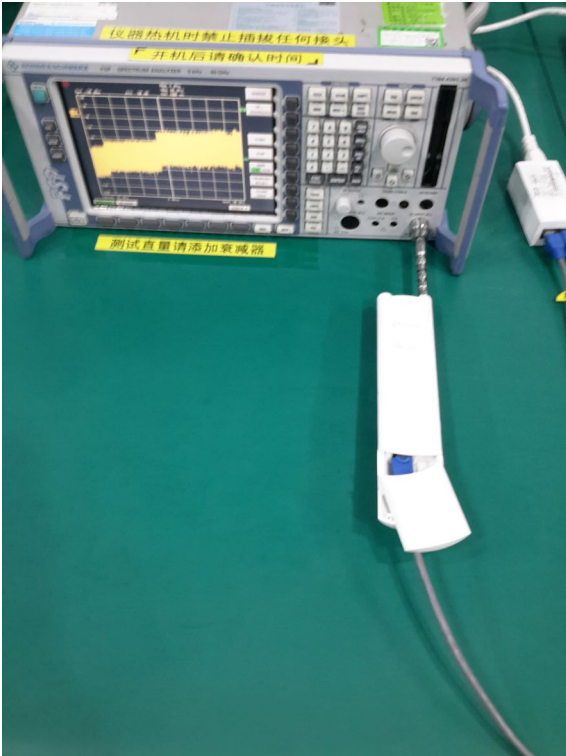
**Radiated Emissions Test Photos****9 kHz to 30 MHz**

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

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

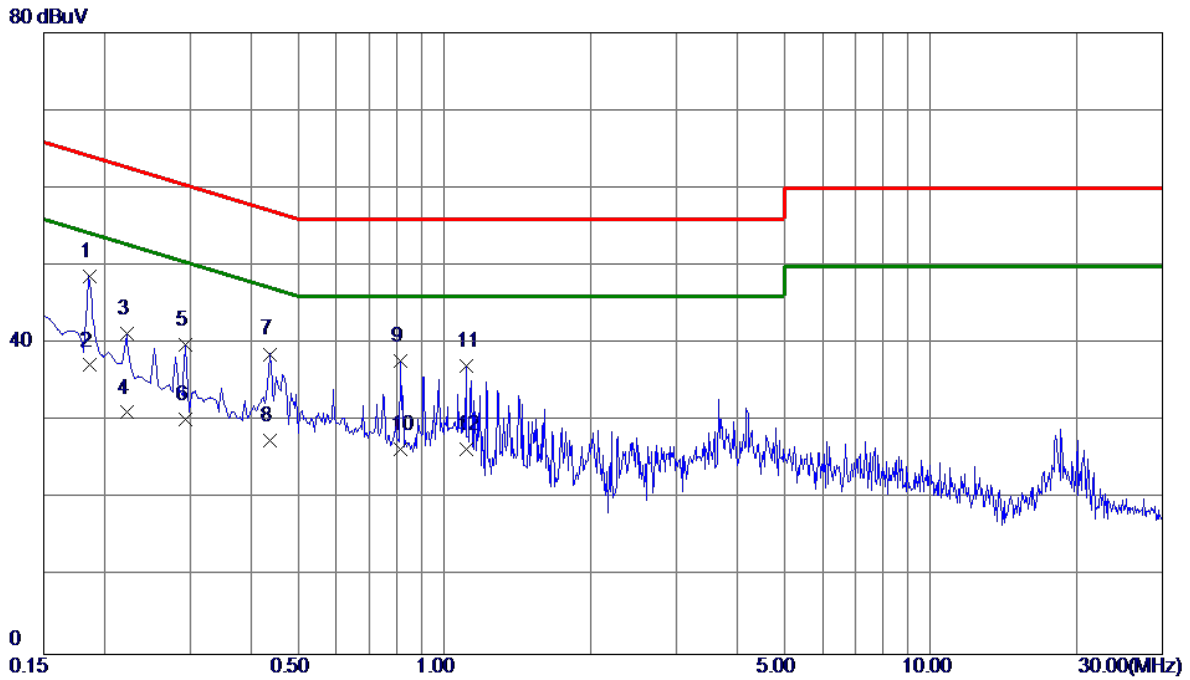


**Conducted Test Photos**



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

Test Mode	TX B Mode Channel 11	Phase	Line
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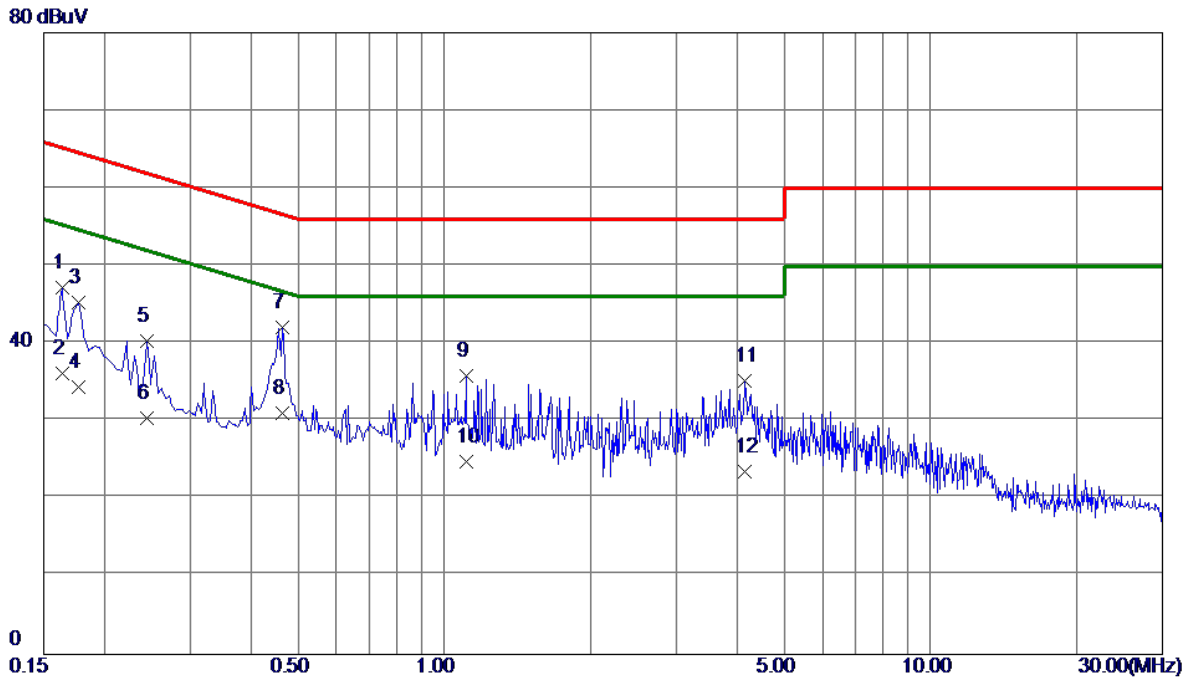


No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1 *	0.1860	38.80	9.81	48.61	64.21	-15.60	QP	
2	0.1860	27.39	9.81	37.20	54.21	-17.01	AVG	
3	0.2220	31.39	9.82	41.21	62.74	-21.53	QP	
4	0.2220	21.30	9.82	31.12	52.74	-21.62	AVG	
5	0.2940	30.04	9.83	39.87	60.41	-20.54	QP	
6	0.2940	20.40	9.83	30.23	50.41	-20.18	AVG	
7	0.4380	28.78	9.86	38.64	57.10	-18.46	QP	
8	0.4380	17.60	9.86	27.46	47.10	-19.64	AVG	
9	0.8115	27.83	9.96	37.79	56.00	-18.21	QP	
10	0.8115	16.50	9.96	26.46	46.00	-19.54	AVG	
11	1.1085	27.11	10.05	37.16	56.00	-18.84	QP	
12	1.1085	16.31	10.05	26.36	46.00	-19.64	AVG	

**REMARKS:**

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

Test Mode	TX B Mode Channel 11	Phase	Neutral
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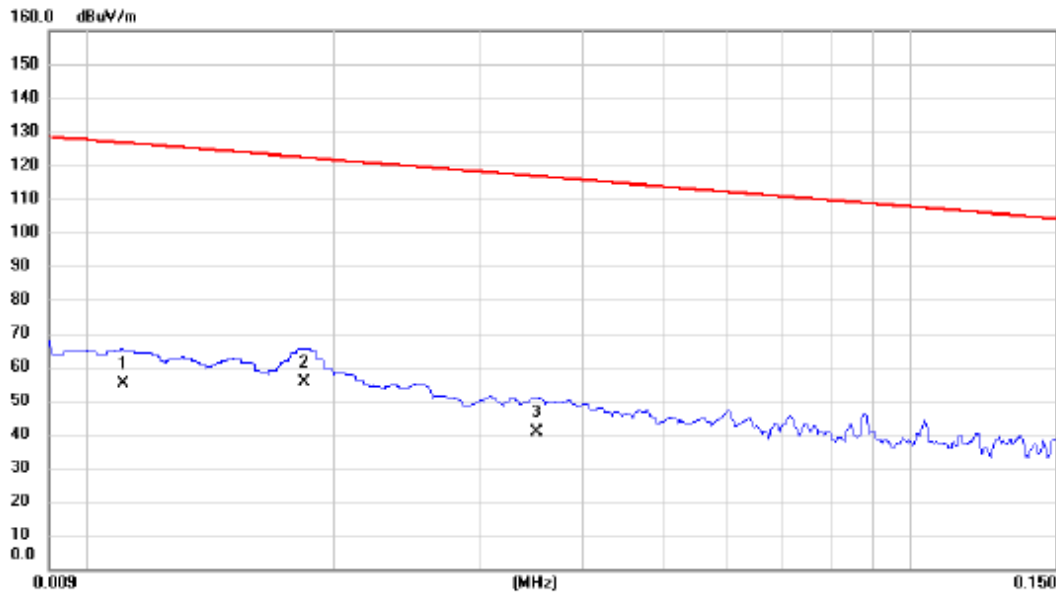
No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	0.1635	37.41	9.83	47.24	65.28	-18.04	QP	
2	0.1635	26.31	9.83	36.14	55.28	-19.14	AVG	
3	0.1770	35.39	9.84	45.23	64.63	-19.40	QP	
4	0.1770	24.50	9.84	34.34	54.63	-20.29	AVG	
5	0.2445	30.46	9.86	40.32	61.94	-21.62	QP	
6	0.2445	20.50	9.86	30.36	51.94	-21.58	AVG	
7 *	0.4650	32.14	9.93	42.07	56.60	-14.53	QP	
8	0.4650	21.11	9.93	31.04	46.60	-15.56	AVG	
9	1.1085	25.75	10.14	35.89	56.00	-20.11	QP	
10	1.1085	14.70	10.14	24.84	46.00	-21.16	AVG	
11	4.1505	24.94	10.32	35.26	56.00	-20.74	QP	
12	4.1505	13.20	10.32	23.52	46.00	-22.48	AVG	

**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 B Mode Channel 11	Polarization	Ant 0°
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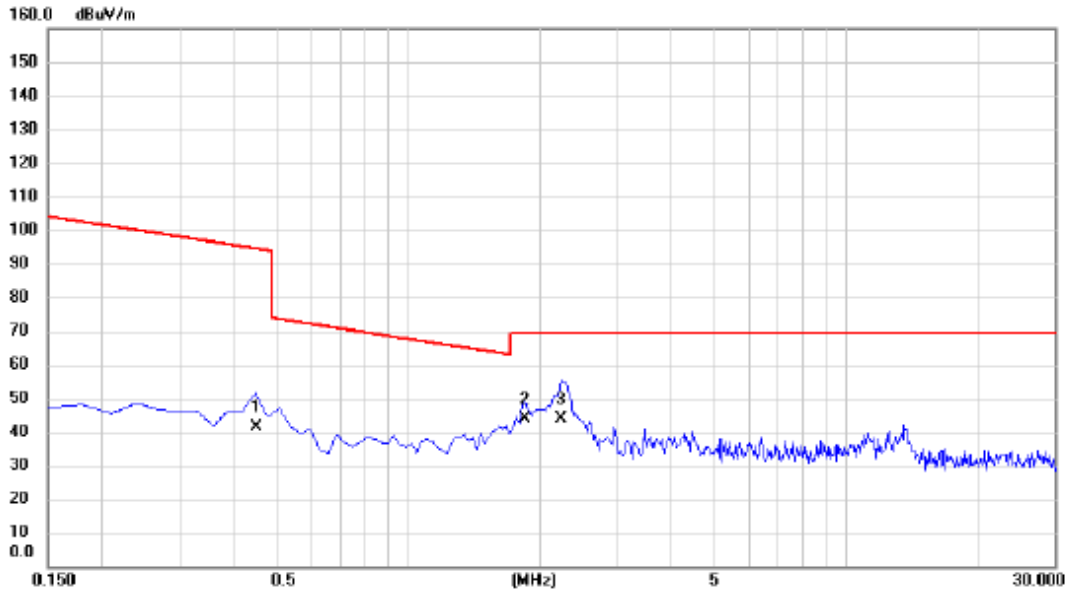


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.011	39.15	15.86	55.01	126.70	-71.69	AVG	
2	*	0.018	41.95	13.60	55.55	122.31	-66.76	AVG	
3		0.035	28.08	12.69	40.77	116.67	-75.90	AVG	

**REMARKS:**

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

Test Mode	TX B Mode Channel 11	Polarization	Ant 0°
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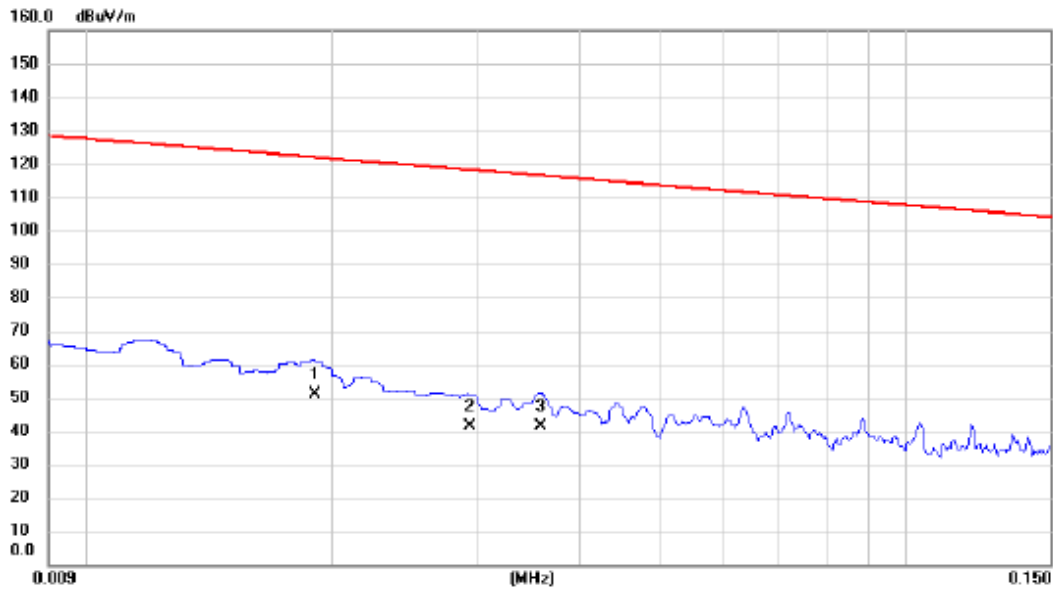


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		0.449	29.63	11.93	41.56	94.57	-53.01	AVG	
2		1.851	32.54	11.23	43.77	69.54	-25.77	QP	
3	*	2.240	32.81	11.01	43.82	69.54	-25.72	QP	

REMARKS:

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

Test Mode	TX B Mode Channel 11	Polarization	Ant 90°
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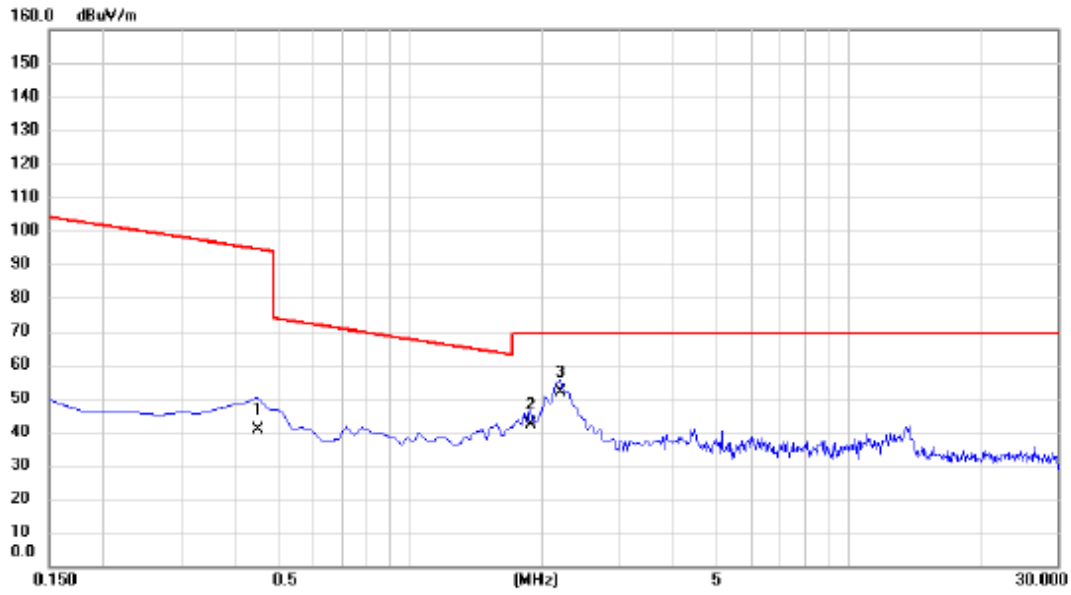
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	0.019	37.52	13.41	50.93	122.03	-71.10	AVG	
2		0.029	28.51	12.85	41.36	118.24	-76.88	AVG	
3		0.036	28.61	12.68	41.29	116.53	-75.24	AVG	

**REMARKS:**

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



Test Mode	TX B Mode Channel 11	Polarization	Ant 90°
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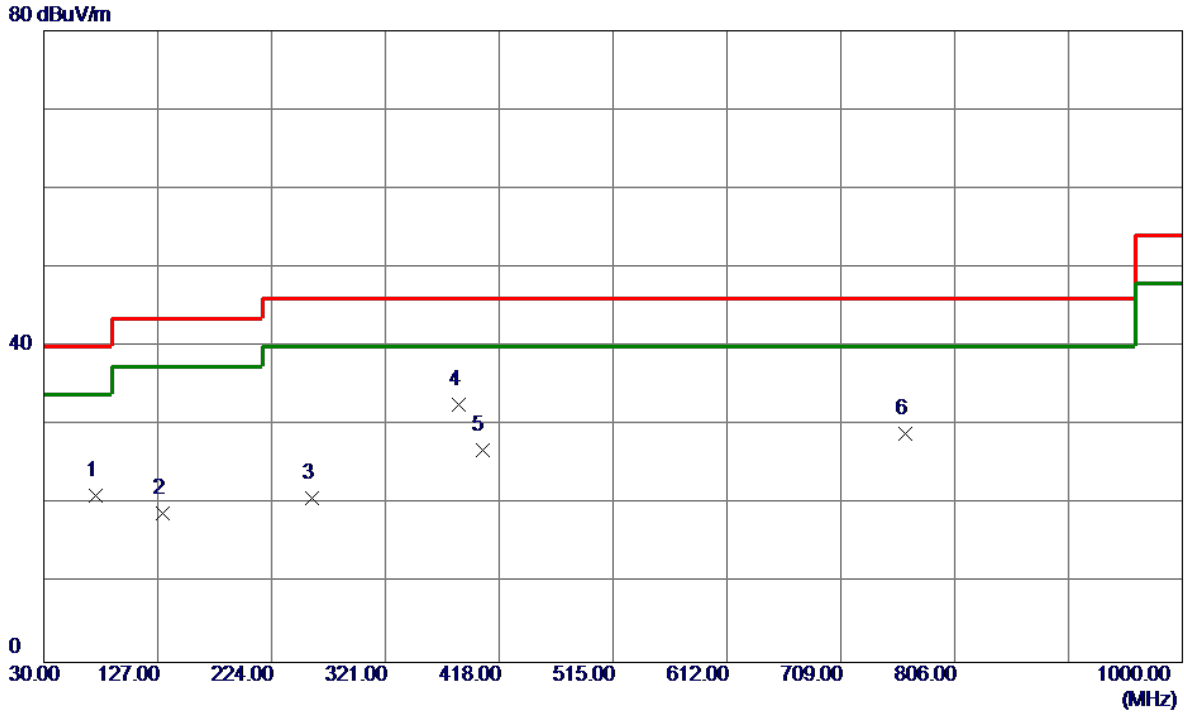
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		0.449	28.56	11.93	40.49	94.57	-54.08	AVG	
2		1.881	30.96	11.21	42.17	69.54	-27.37	QP	
3	*	2.210	40.68	11.02	51.70	69.54	-17.84	QP	

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 B Mode Channel 11	Polarization	Vertical
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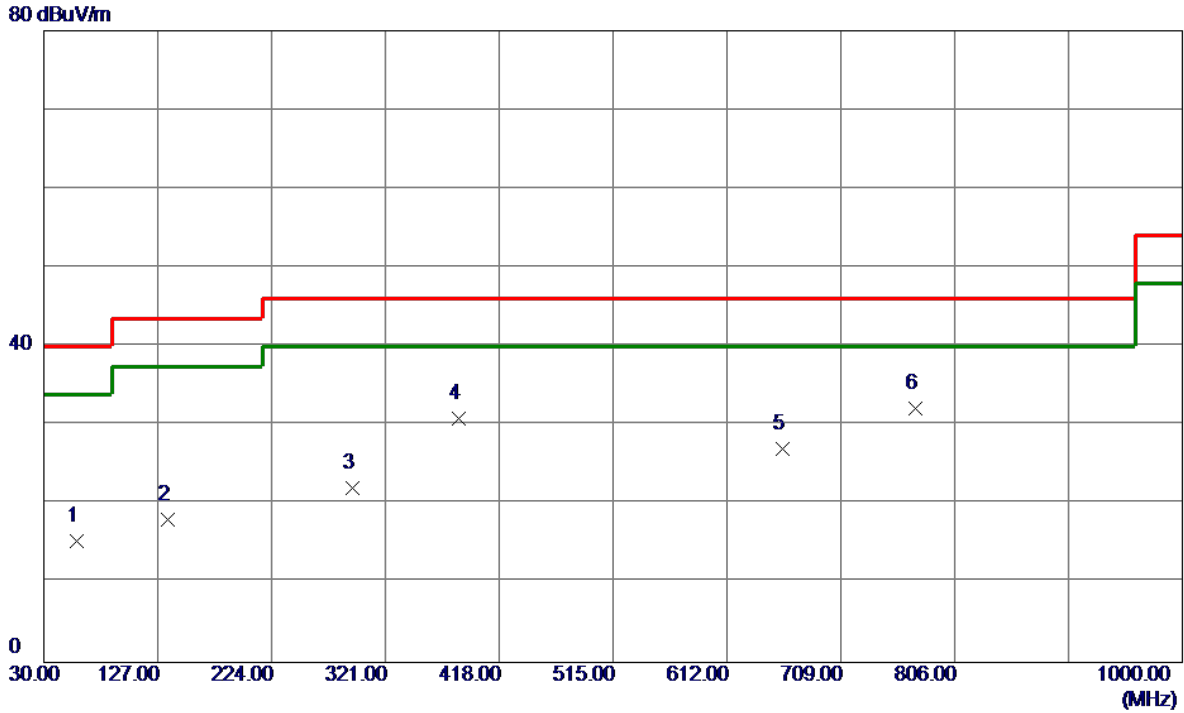


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	74.6200	38.42	-17.24	21.18	40.00	-18.82	Peak	
2	130.8800	32.28	-13.35	18.93	43.50	-24.57	Peak	
3	258.9200	33.42	-12.60	20.82	46.00	-25.18	Peak	
4 *	383.0799	41.84	-9.18	32.66	46.00	-13.34	Peak	
5	403.4500	35.61	-8.68	26.93	46.00	-19.07	Peak	
6	764.2900	30.50	-1.58	28.92	46.00	-17.08	Peak	

**REMARKS:**

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

Test Mode	TX B Mode Channel 11	Polarization	Horizontal
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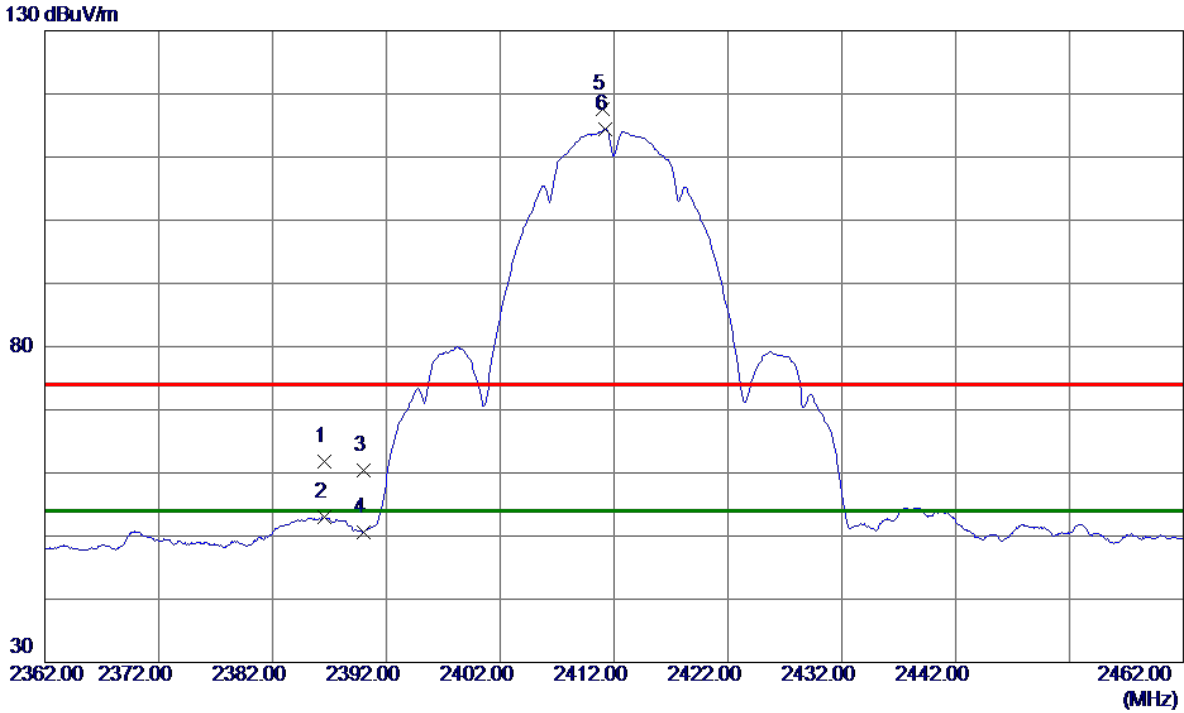
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	58.1300	29.55	-14.24	15.31	40.00	-24.69	Peak	
2	135.7300	31.19	-13.10	18.09	43.50	-25.41	Peak	
3	292.8700	33.19	-11.13	22.06	46.00	-23.94	Peak	
4	383.0799	40.06	-9.18	30.88	46.00	-15.12	Peak	
5	659.5300	30.70	-3.61	27.09	46.00	-18.91	Peak	
6 *	773.0200	33.55	-1.36	32.19	46.00	-13.81	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	Polarization	Vertical
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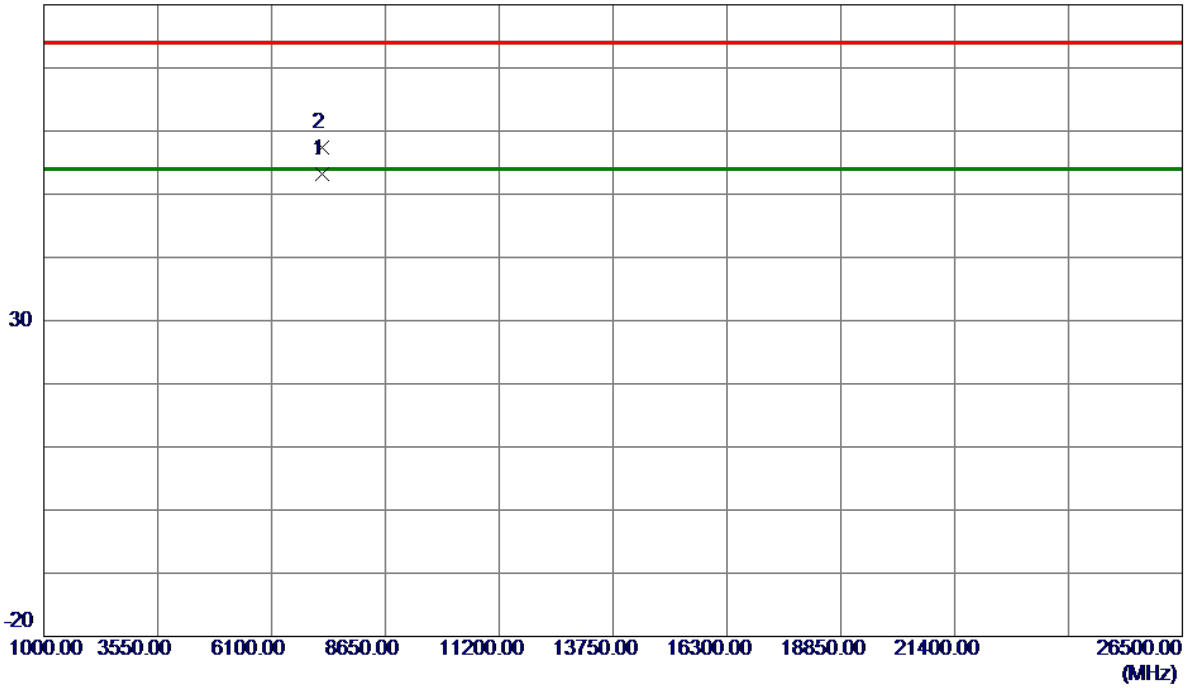
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2386.6000	51.89	9.97	61.86	74.00	-12.14	Peak	
2	2386.6000	43.02	9.97	52.99	54.00	-1.01	AVG	
3	2390.0000	50.45	9.98	60.43	74.00	-13.57	Peak	
4	2390.0000	40.71	9.98	50.69	54.00	-3.31	AVG	
5	2410.9500	107.55	9.98	117.53	74.00	43.53	Peak	No Limit
6 *	2411.2500	104.43	9.98	114.41	54.00	60.41	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	Polarization	Vertical
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80 dBuV/m

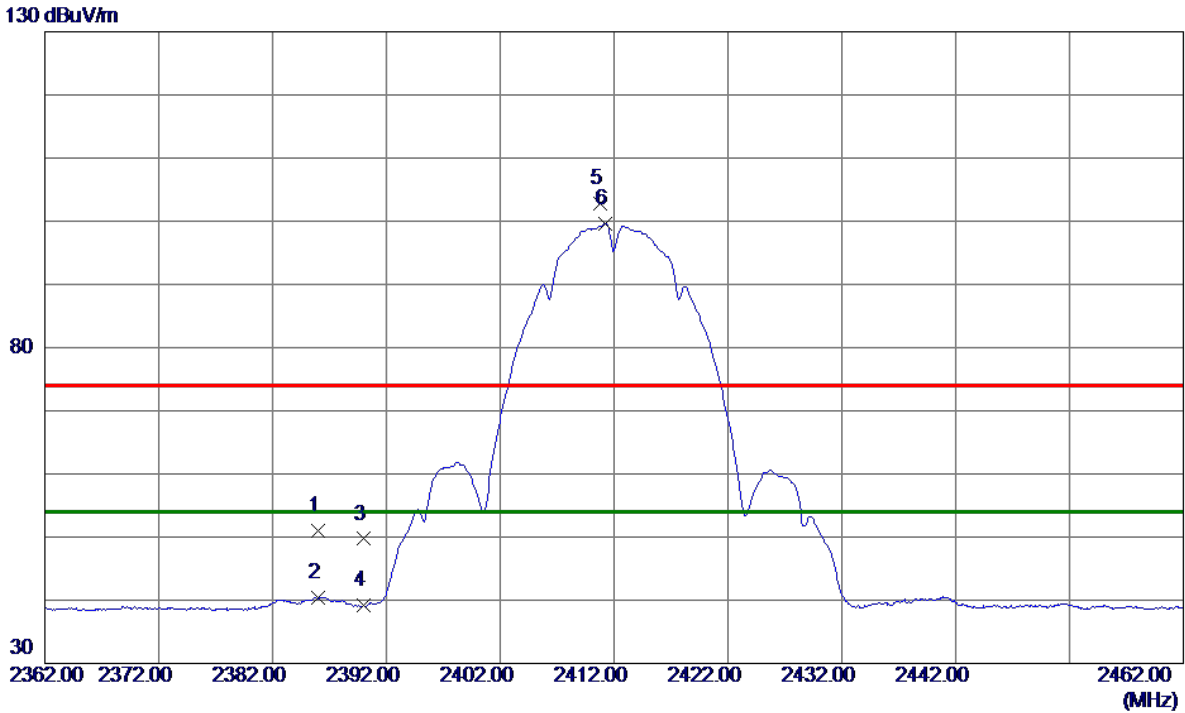


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7235.1700	40.70	12.43	53.13	54.00	-0.87	AVG	
2	7235.9500	44.91	12.43	57.34	74.00	-16.66	Peak	

**REMARKS:**

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

Test Mode	TX B Mode 2412 MHz	Polarization	Horizontal
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No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2386.0000	41.06	9.97	51.03	74.00	-22.97	Peak	
2	2386.0000	30.48	9.97	40.45	54.00	-13.55	AVG	
3	2390.0000	39.72	9.98	49.70	74.00	-24.30	Peak	
4	2390.0000	29.14	9.98	39.12	54.00	-14.88	AVG	
5	2410.8000	92.90	9.98	102.88	74.00	28.88	Peak	No Limit
6 *	2411.2000	89.69	9.98	99.67	54.00	45.67	AVG	No Limit

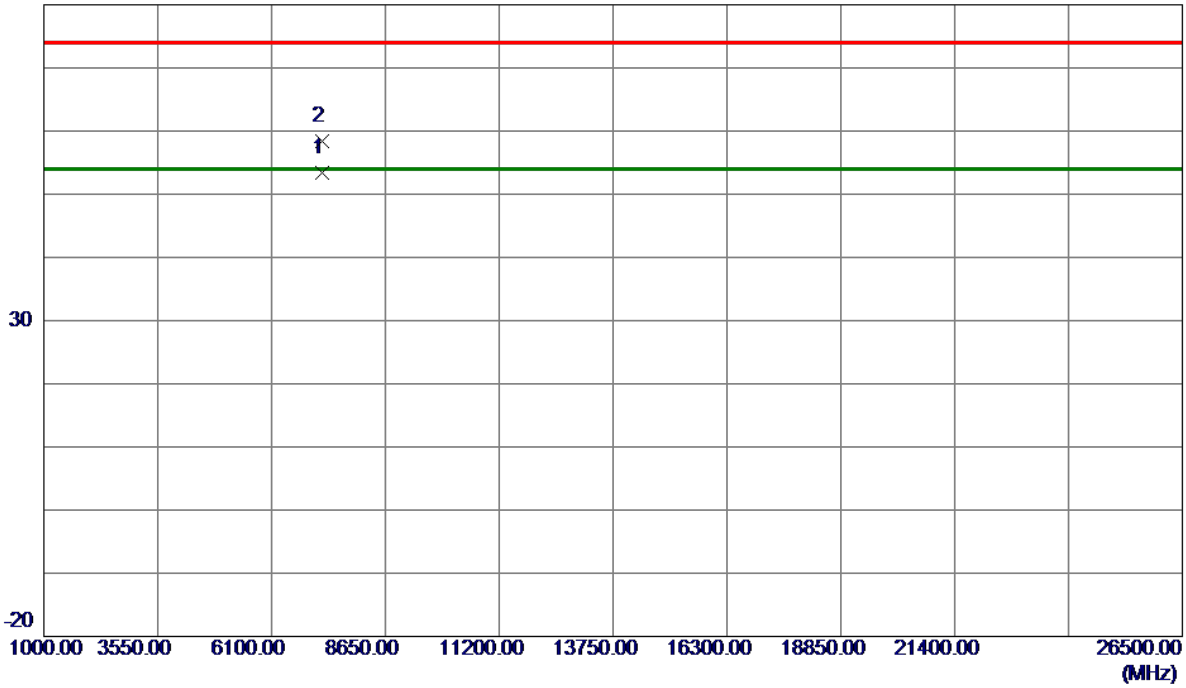
**REMARKS:**

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



Test Mode	TX B Mode 2412 MHz	Polarization	Horizontal
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80 dBuV/m

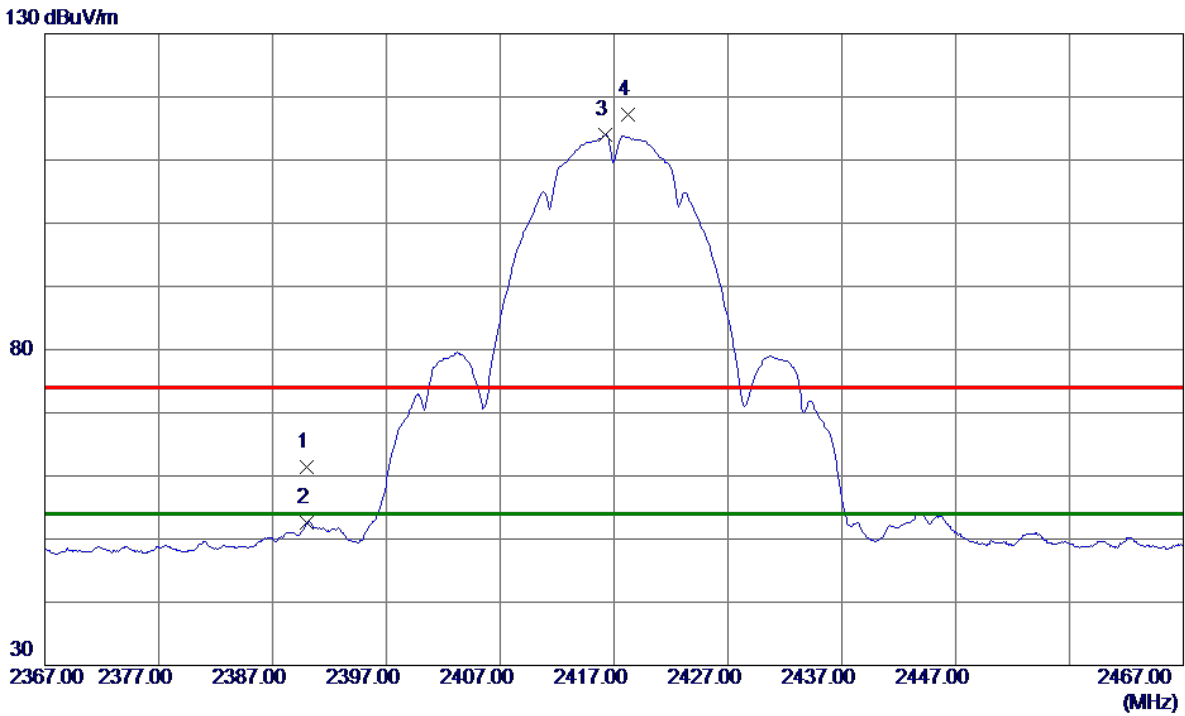


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7236.6980	42.75	10.60	53.35	54.00	-0.65	AVG	
2	7236.8580	47.80	10.60	58.40	74.00	-15.60	Peak	

REMARKS:

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

Test Mode	TX B Mode 2417 MHz	Polarization	Vertical
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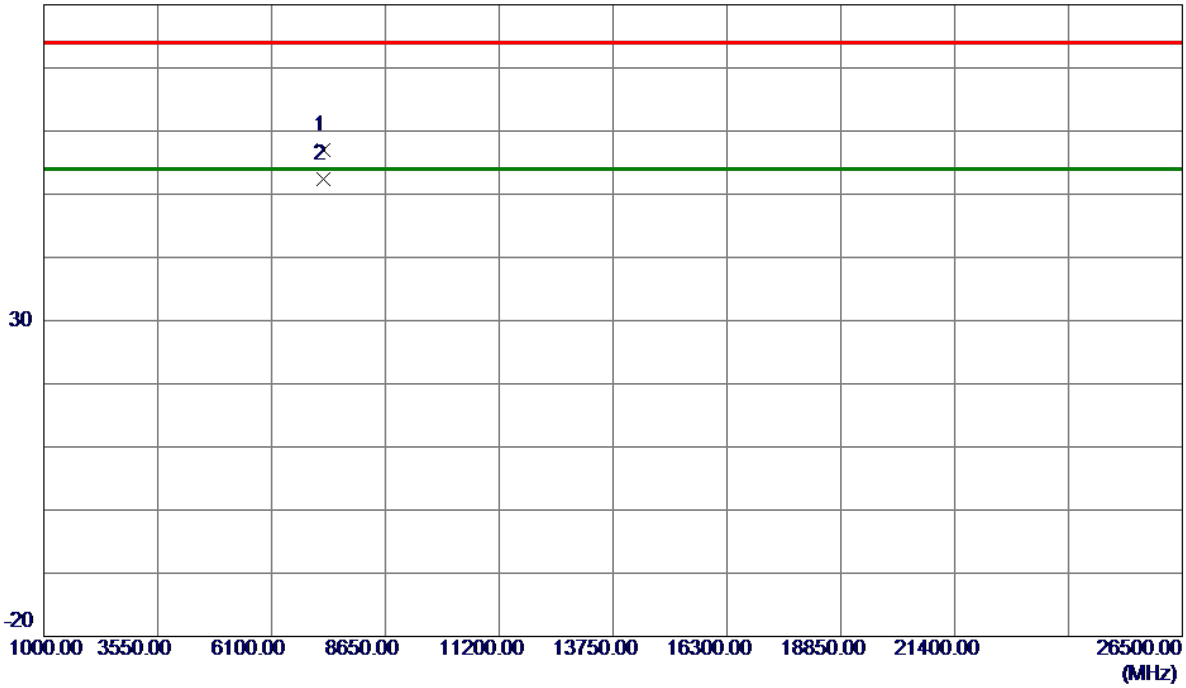
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	51.43	9.98	61.41	74.00	-12.59	Peak	
2	2390.0000	42.63	9.98	52.61	54.00	-1.39	AVG	
3 *	2416.2500	103.93	9.99	113.92	54.00	59.92	AVG	No Limit
4	2418.2500	107.23	9.99	117.22	74.00	43.22	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	Polarization	Vertical
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80 dBuV/m

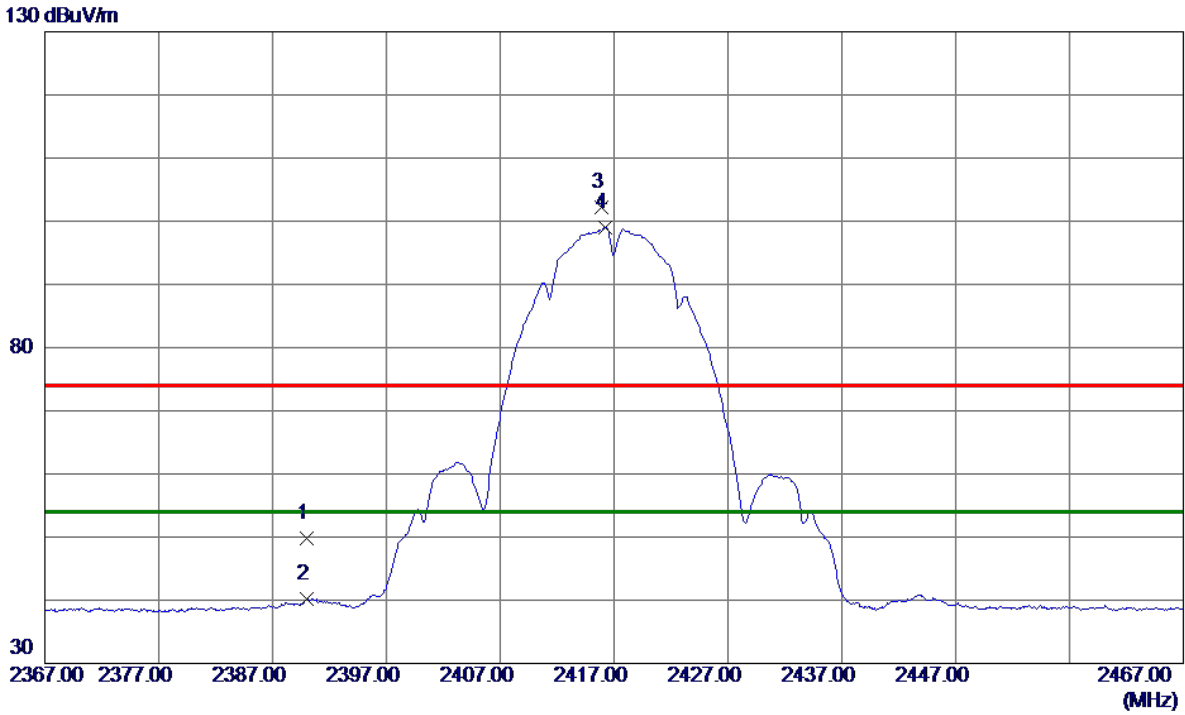


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7249.4100	44.48	12.44	56.92	74.00	-17.08	Peak	
2 *	7250.2100	39.97	12.45	52.42	54.00	-1.58	AVG	

**REMARKS:**

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

Test Mode	TX B Mode 2417 MHz	Polarization	Horizontal
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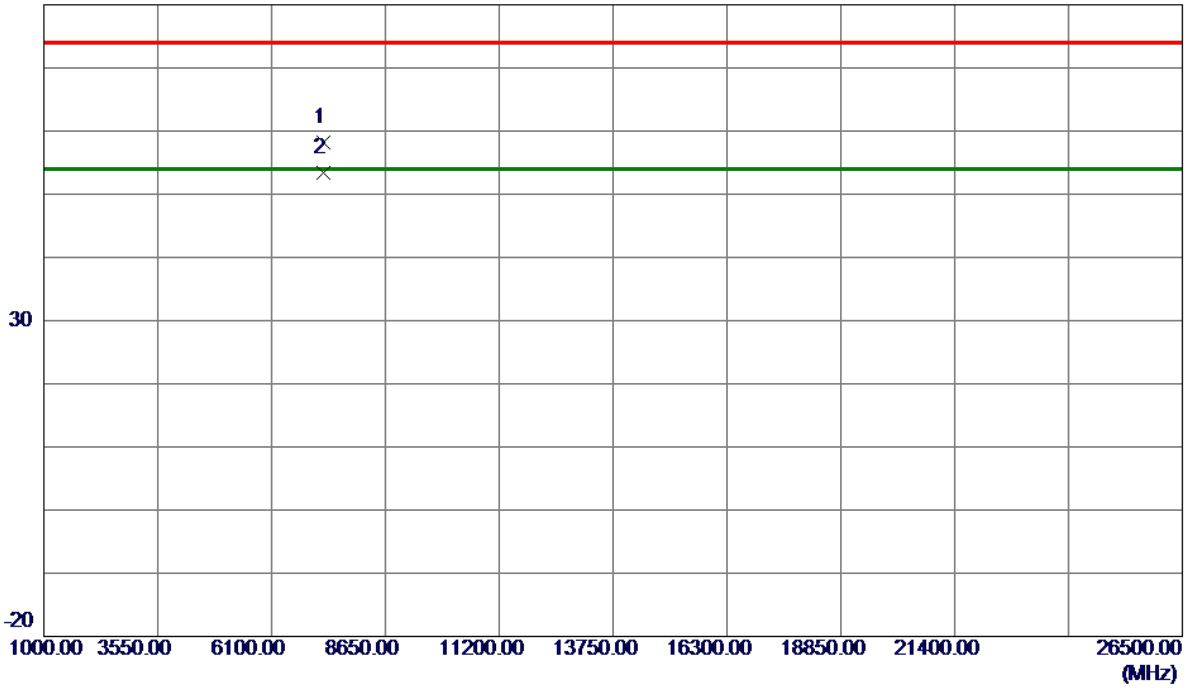
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	39.73	9.98	49.71	74.00	-24.29	Peak	
2	2390.0000	30.25	9.98	40.23	54.00	-13.77	AVG	
3	2415.9000	92.23	9.99	102.22	74.00	28.22	Peak	No Limit
4 *	2416.2500	89.03	9.99	99.02	54.00	45.02	AVG	No Limit

**REMARKS:**

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

Test Mode	TX B Mode 2417 MHz	Polarization	Horizontal
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80 dBuV/m

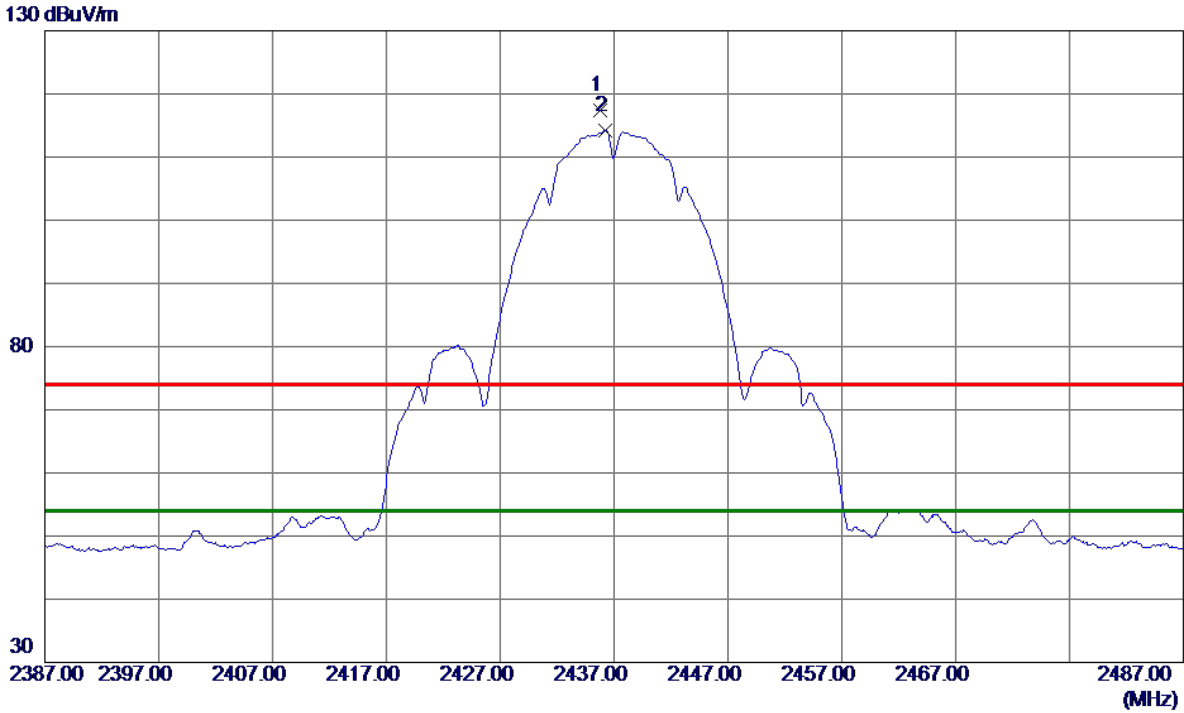


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7250.0700	47.59	10.62	58.21	74.00	-15.79	Peak	
2 *	7251.7880	42.75	10.62	53.37	54.00	-0.63	AVG	

**REMARKS:**

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

Test Mode	TX B Mode 2437 MHz	Polarization	Vertical
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No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2435.7500	107.47	9.99	117.46	74.00	43.46	Peak	No Limit
2 *	2436.2500	104.27	9.99	114.26	54.00	60.26	AVG	No Limit

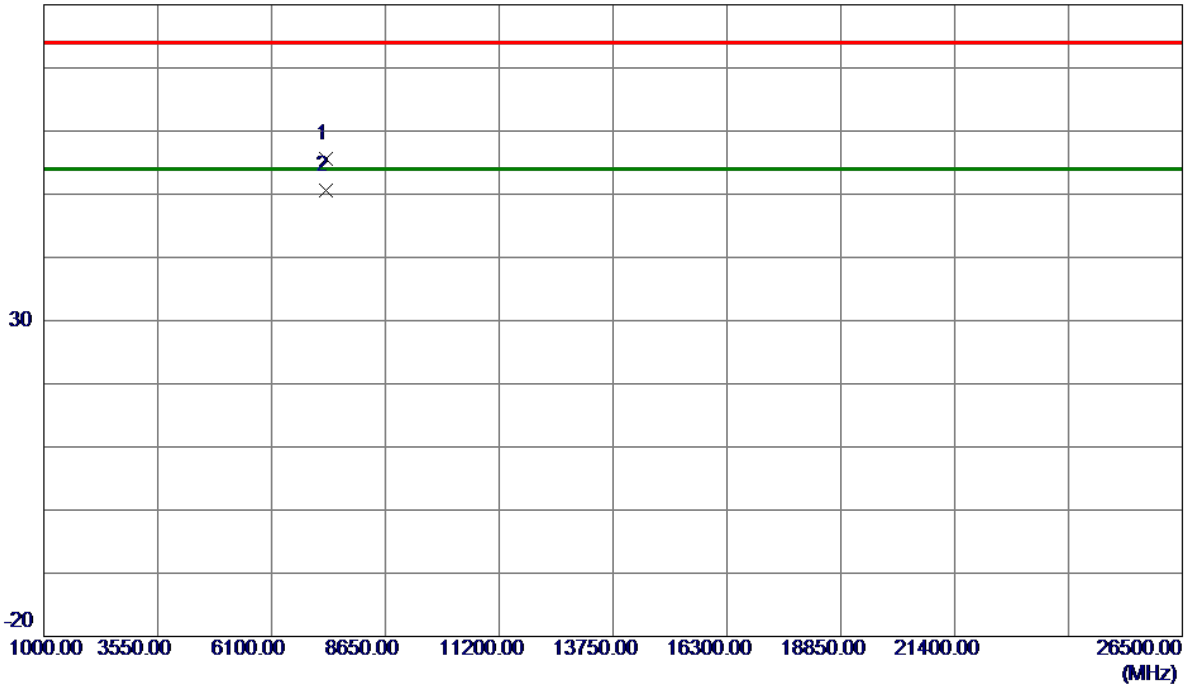
**REMARKS:**

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

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

Test Mode	TX B Mode 2437 MHz	Polarization	Vertical
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80 dBuV/m

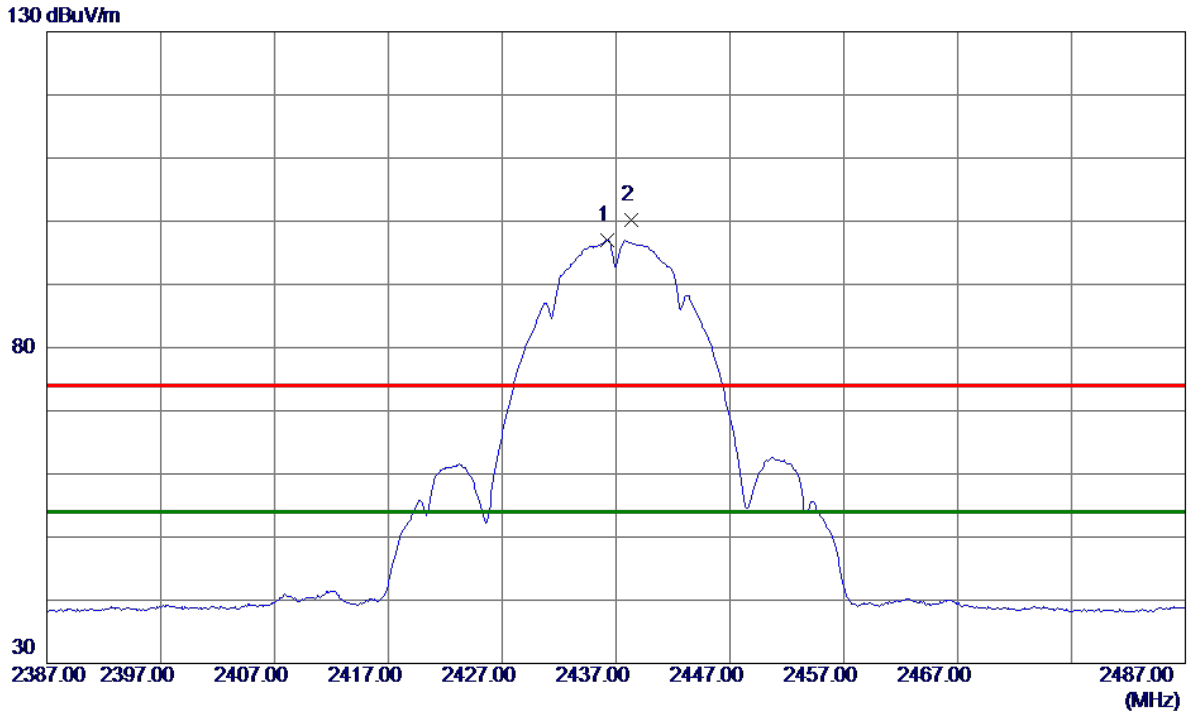


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7309.7600	43.01	12.51	55.52	74.00	-18.48	Peak	
2 *	7310.2300	38.12	12.51	50.63	54.00	-3.37	AVG	

**REMARKS:**

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

Test Mode	TX B Mode 2437 MHz	Polarization	Horizontal
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No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2436.2500	87.06	9.99	97.05	54.00	43.05	AVG	No Limit
2	2438.3000	90.25	10.00	100.25	74.00	26.25	Peak	No Limit

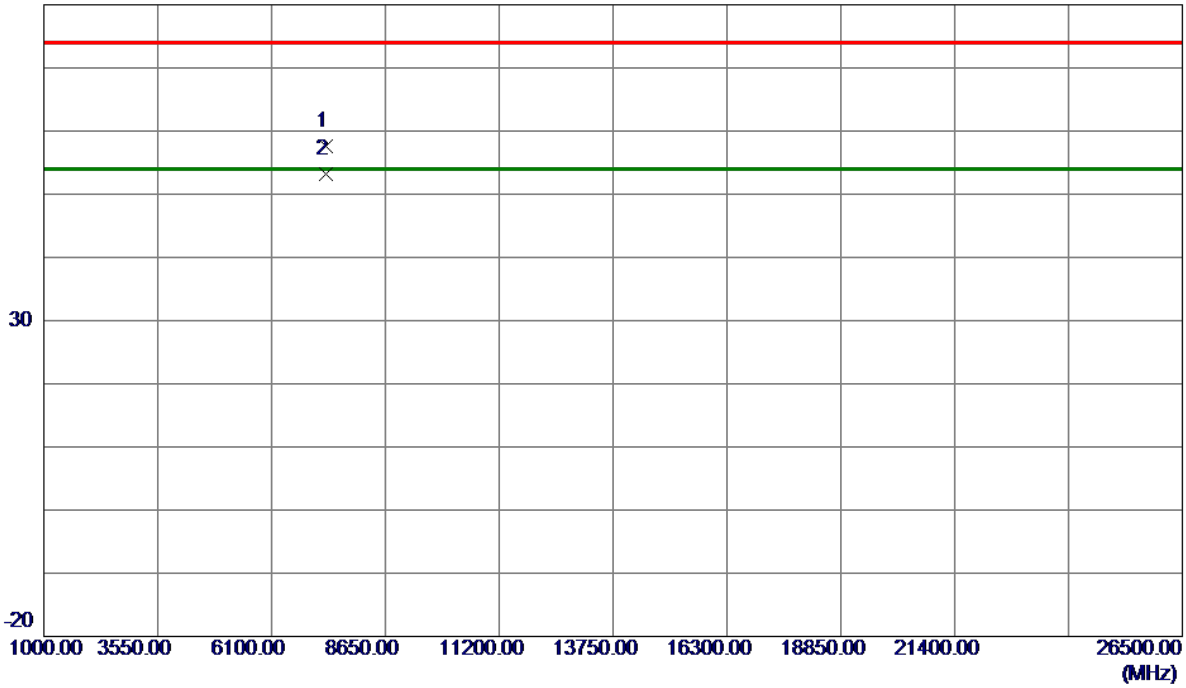
**REMARKS:**

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



Test Mode	TX B Mode 2437 MHz	Polarization	Horizontal
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80 dBuV/m

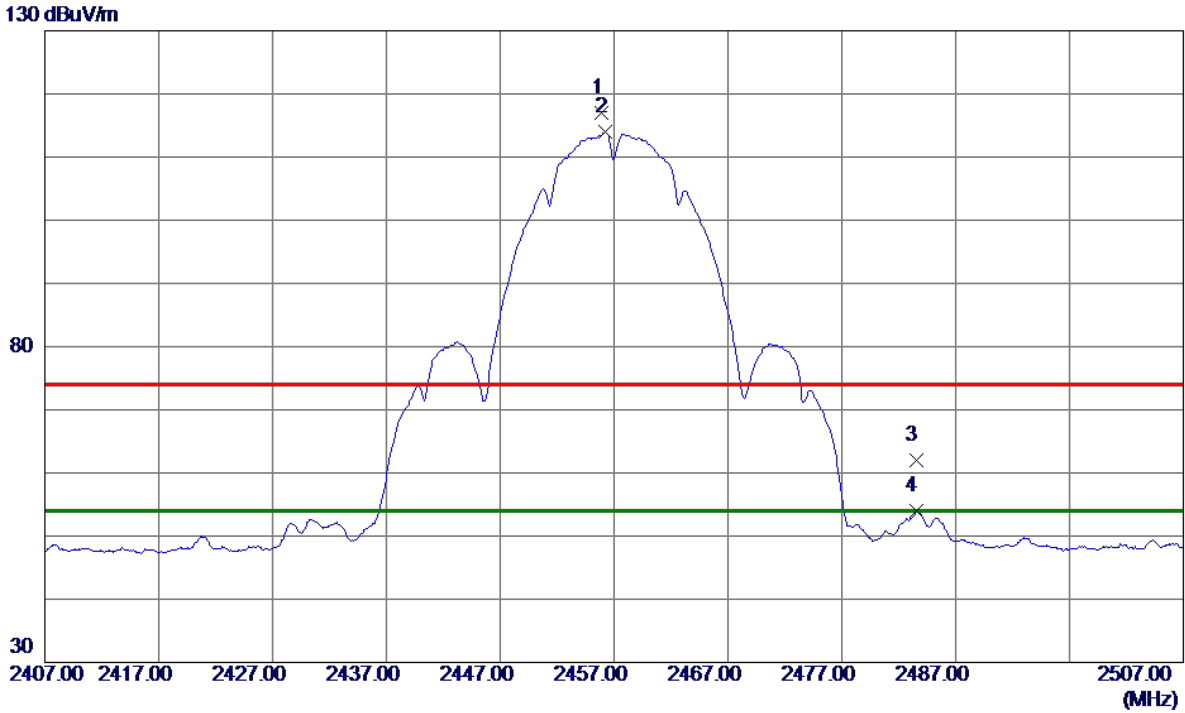


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7309.3850	46.95	10.69	57.64	74.00	-16.36	Peak	
2 *	7311.7350	42.49	10.70	53.19	54.00	-0.81	AVG	

**REMARKS:**

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

Test Mode	TX B Mode 2457 MHz	Polarization	Vertical
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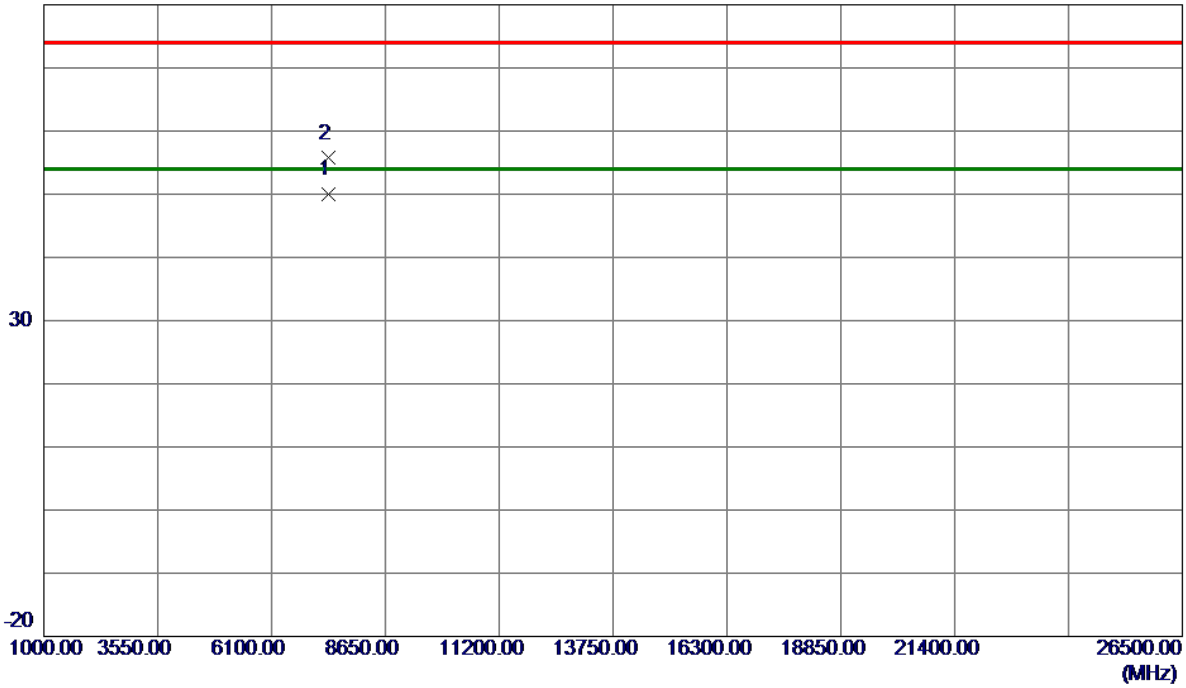
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2455.9000	107.01	10.00	117.01	74.00	43.01	Peak	No Limit
2 *	2456.2500	103.90	10.00	113.90	54.00	59.90	AVG	No Limit
3	2483.5000	52.06	10.01	62.07	74.00	-11.93	Peak	
4	2483.5000	43.93	10.01	53.94	54.00	-0.06	AVG	

**REMARKS:**

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

Test Mode	TX B Mode 2457 MHz	Polarization	Vertical
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80 dBuV/m

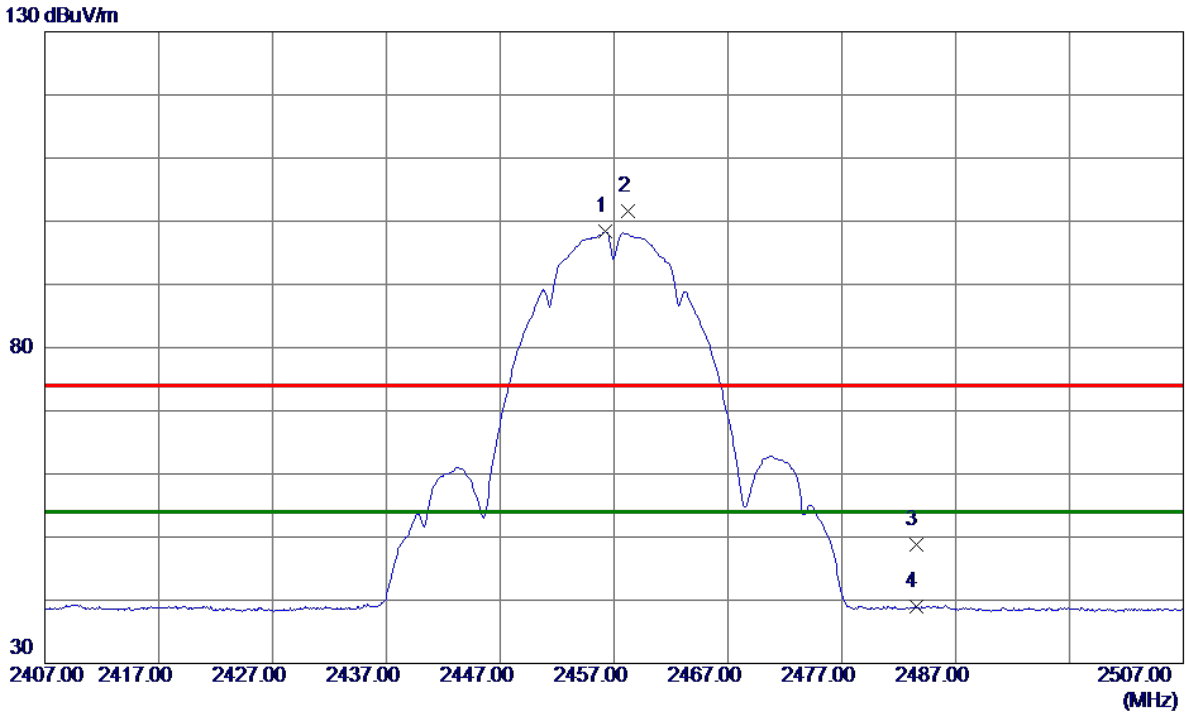


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7370.2200	37.39	12.58	49.97	54.00	-4.03	AVG	
2	7371.9900	43.12	12.58	55.70	74.00	-18.30	Peak	

**REMARKS:**

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

Test Mode	TX B Mode 2457 MHz	Polarization	Horizontal
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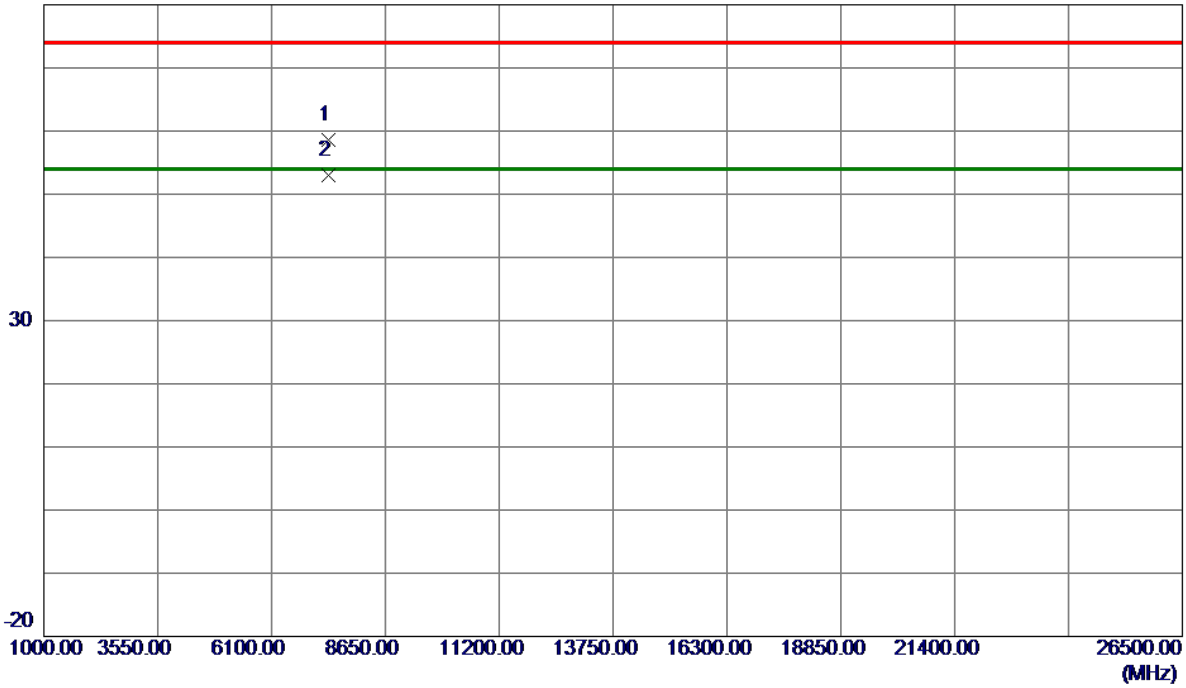
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2456.2500	88.32	10.00	98.32	54.00	44.32	AVG	No Limit
2	2458.2500	91.52	10.00	101.52	74.00	27.52	Peak	No Limit
3	2483.5000	38.84	10.01	48.85	74.00	-25.15	Peak	
4	2483.5000	28.94	10.01	38.95	54.00	-15.05	AVG	

**REMARKS:**

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

Test Mode	TX B Mode 2457 MHz	Polarization	Horizontal
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80 dBuV/m

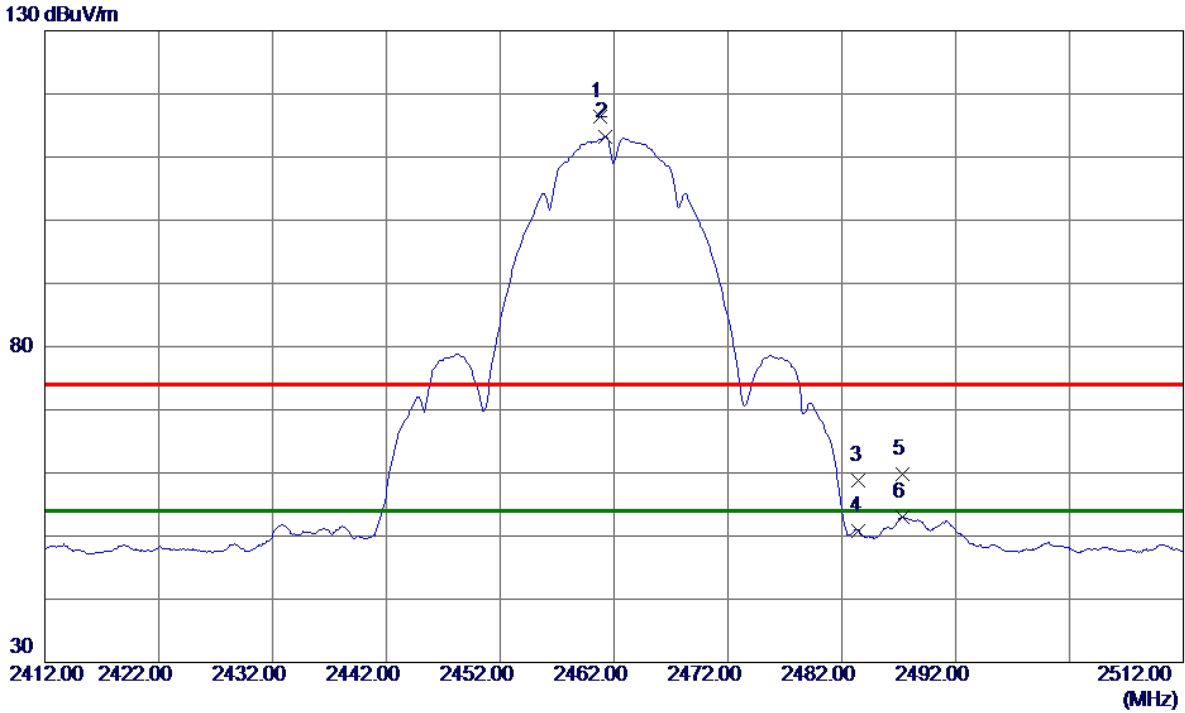


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7369.7800	47.88	10.77	58.65	74.00	-15.35	Peak	
2 *	7371.7650	42.32	10.77	53.09	54.00	-0.91	AVG	

**REMARKS:**

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

Test Mode	TX B Mode 2462 MHz	Polarization	Vertical
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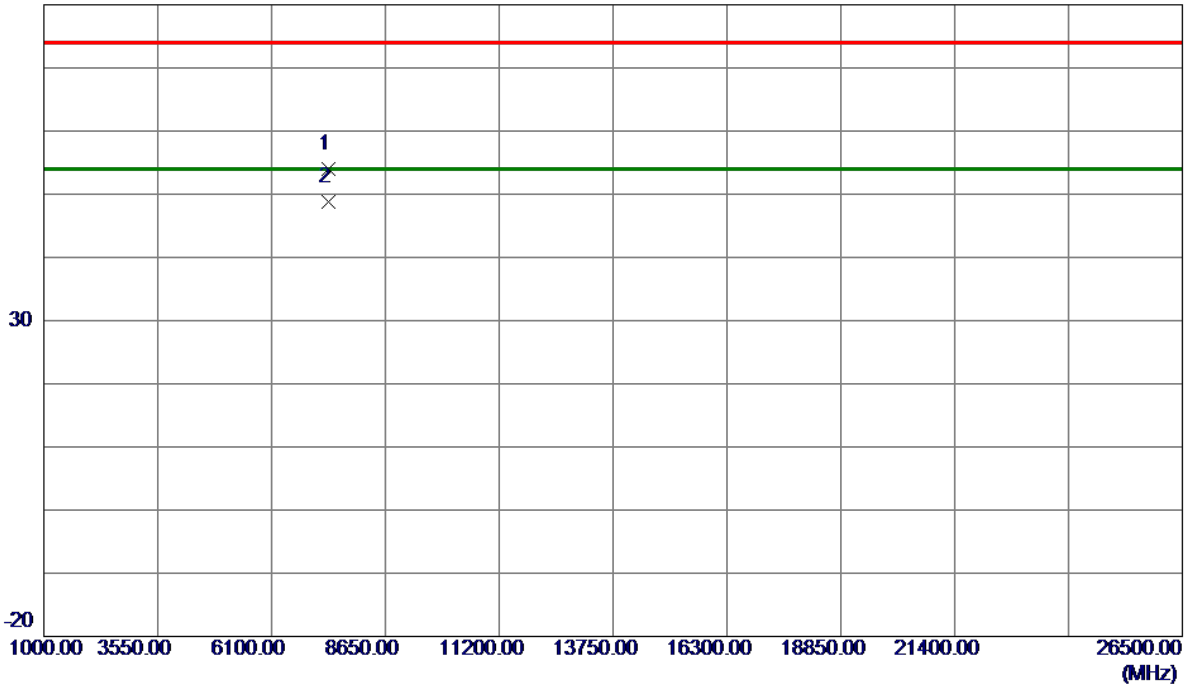
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2460.7500	106.39	10.00	116.39	74.00	42.39	Peak	No Limit
2 *	2461.2500	103.25	10.00	113.25	54.00	59.25	AVG	No Limit
3	2483.5000	48.71	10.01	58.72	74.00	-15.28	Peak	
4	2483.5000	40.72	10.01	50.73	54.00	-3.27	AVG	
5	2487.3000	49.72	10.01	59.73	74.00	-14.27	Peak	
6	2487.3000	43.03	10.01	53.04	54.00	-0.96	AVG	

**REMARKS:**

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

Test Mode	TX B Mode 2462 MHz	Polarization	Vertical
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80 dBuV/m

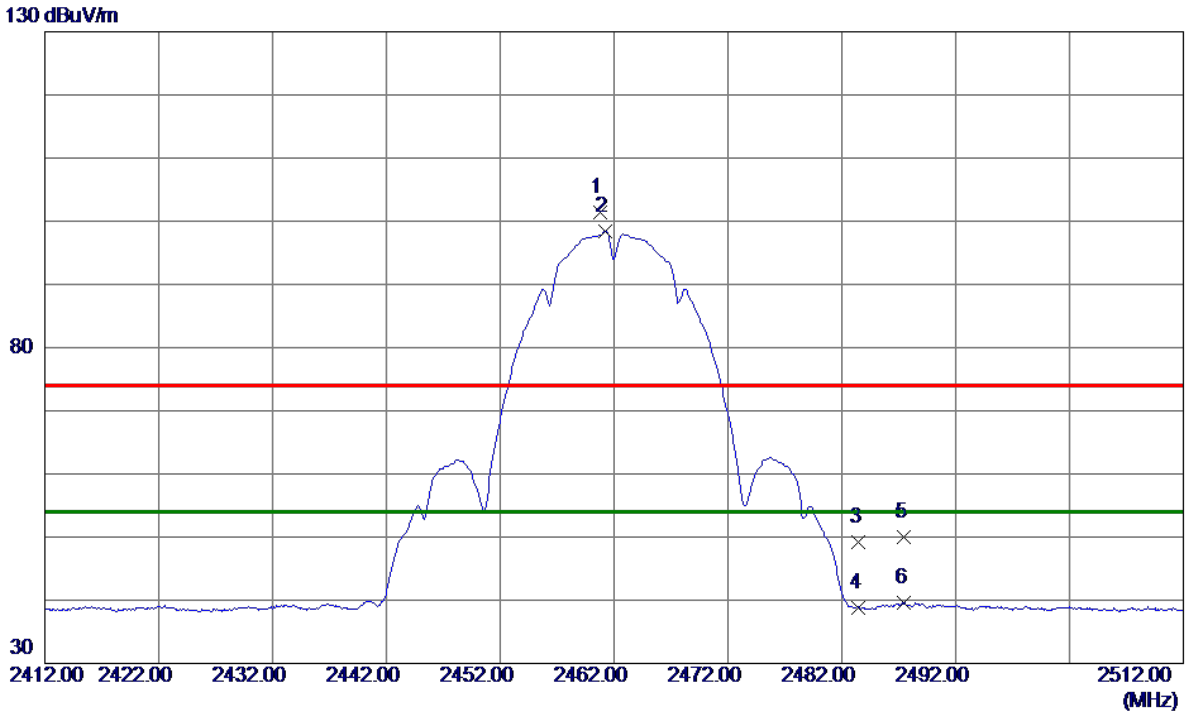


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7384.4900	41.47	12.59	54.06	74.00	-19.94	Peak	
2 *	7385.1900	36.24	12.59	48.83	54.00	-5.17	AVG	

**REMARKS:**

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

Test Mode	TX B Mode 2462 MHz	Polarization	Horizontal
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No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2460.7500	91.49	10.00	101.49	74.00	27.49	Peak	No Limit
2 *	2461.2000	88.34	10.00	98.34	54.00	44.34	AVG	No Limit
3	2483.5000	39.16	10.01	49.17	74.00	-24.83	Peak	
4	2483.5000	28.83	10.01	38.84	54.00	-15.16	AVG	
5	2487.5000	40.01	10.01	50.02	74.00	-23.98	Peak	
6	2487.5000	29.57	10.01	39.58	54.00	-14.42	AVG	

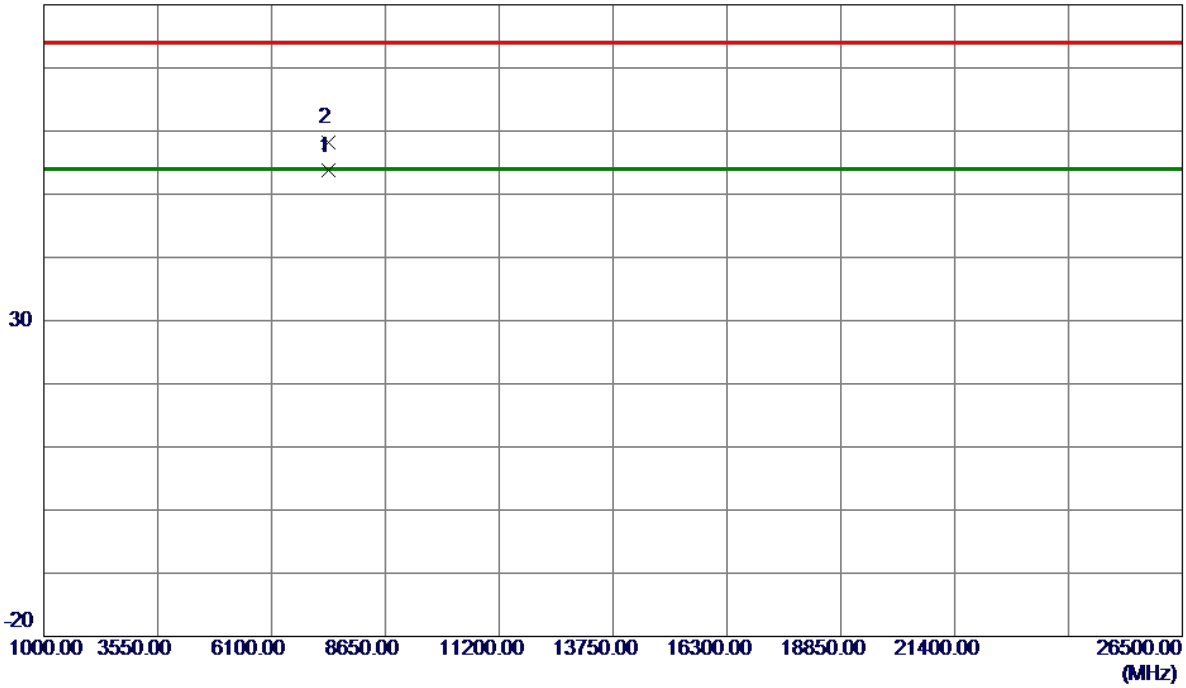
**REMARKS:**

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



Test Mode	TX B Mode 2462 MHz	Polarization	Horizontal
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80 dBuV/m

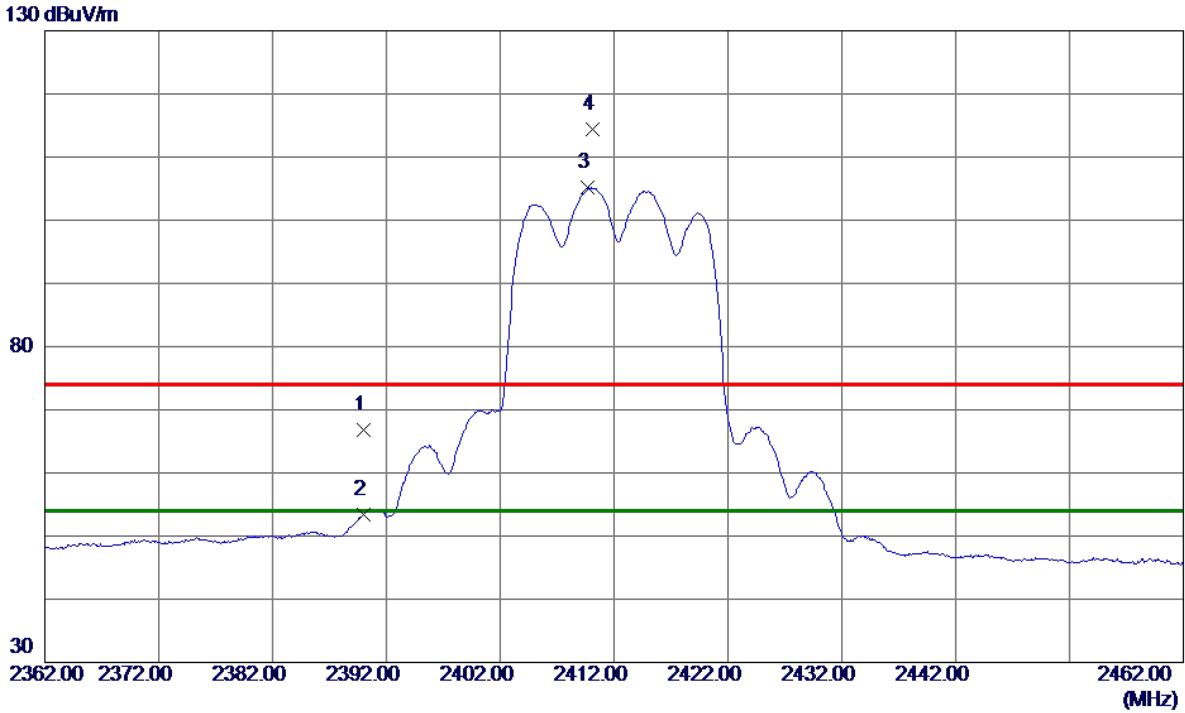


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7386.7570	42.91	10.79	53.70	54.00	-0.30	AVG	
2	7386.9050	47.43	10.79	58.22	74.00	-15.78	Peak	

REMARKS:

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

Test Mode	TX G Mode 2412 MHz	Polarization	Vertical
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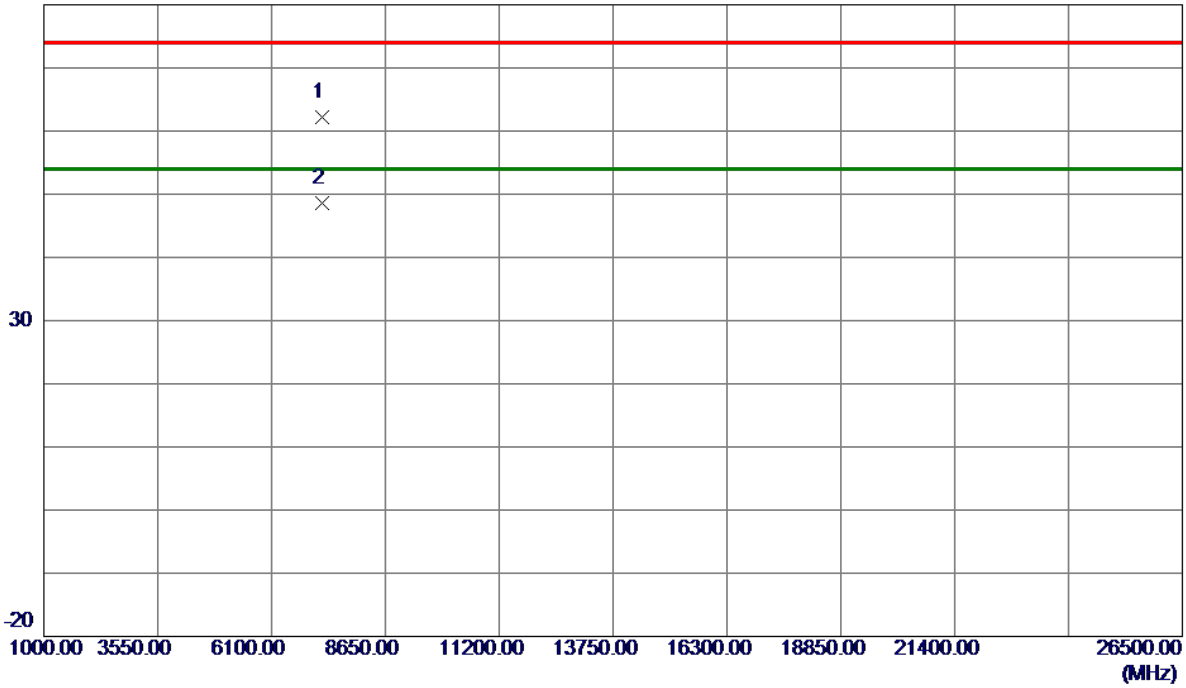
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	56.75	9.98	66.73	74.00	-7.27	Peak	
2	2390.0000	43.48	9.98	53.46	54.00	-0.54	AVG	
3 *	2409.7000	95.15	9.98	105.13	54.00	51.13	AVG	No Limit
4	2410.1000	104.47	9.98	114.45	74.00	40.45	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	Polarization	Vertical
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80 dBuV/m

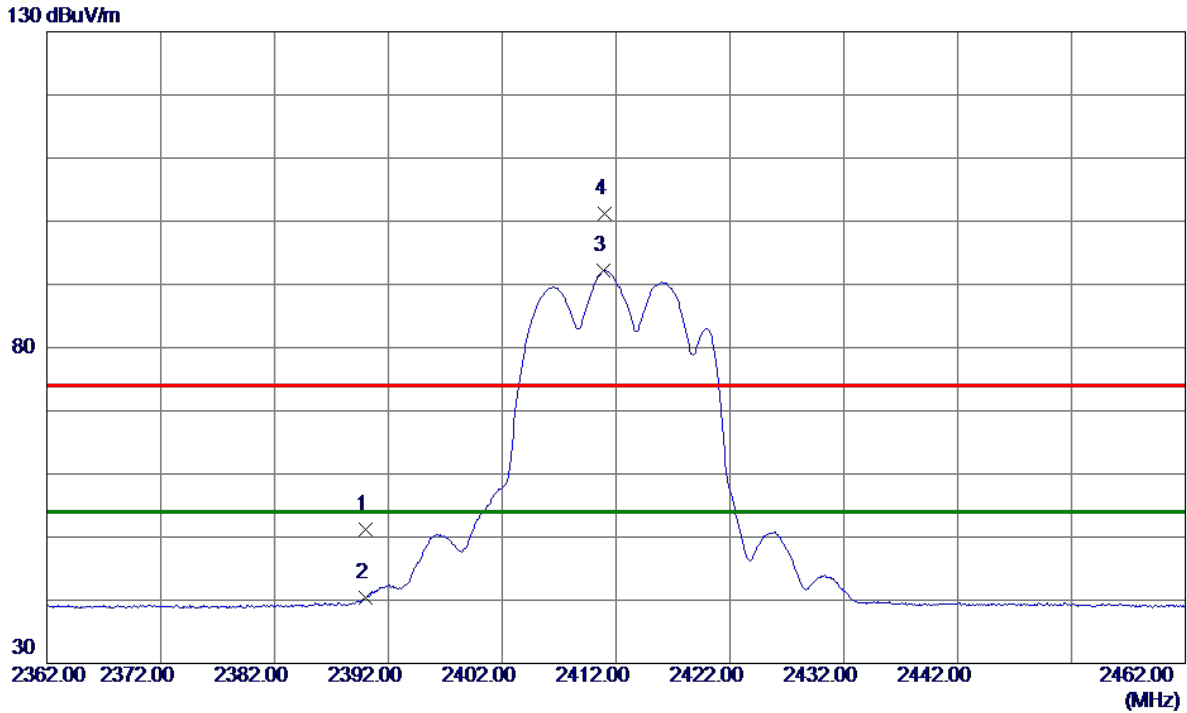


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7236.1500	49.77	12.43	62.20	74.00	-11.80	Peak	
2 *	7236.5800	36.11	12.43	48.54	54.00	-5.46	AVG	

**REMARKS:**

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

Test Mode	TX G Mode 2412 MHz	Polarization	Horizontal
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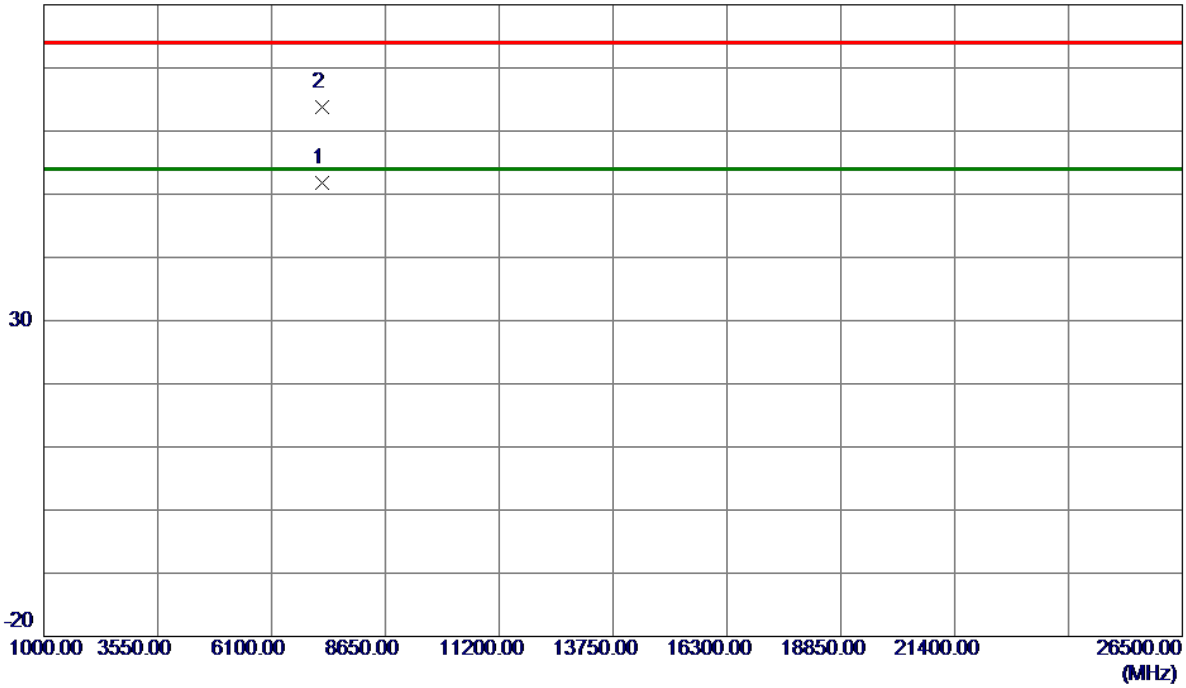
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	41.27	9.98	51.25	74.00	-22.75	Peak	
2	2390.0000	30.44	9.98	40.42	54.00	-13.58	AVG	
3 *	2410.9000	82.26	9.98	92.24	54.00	38.24	AVG	No Limit
4	2410.9500	91.25	9.98	101.23	74.00	27.23	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	Polarization	Horizontal
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80 dBuV/m

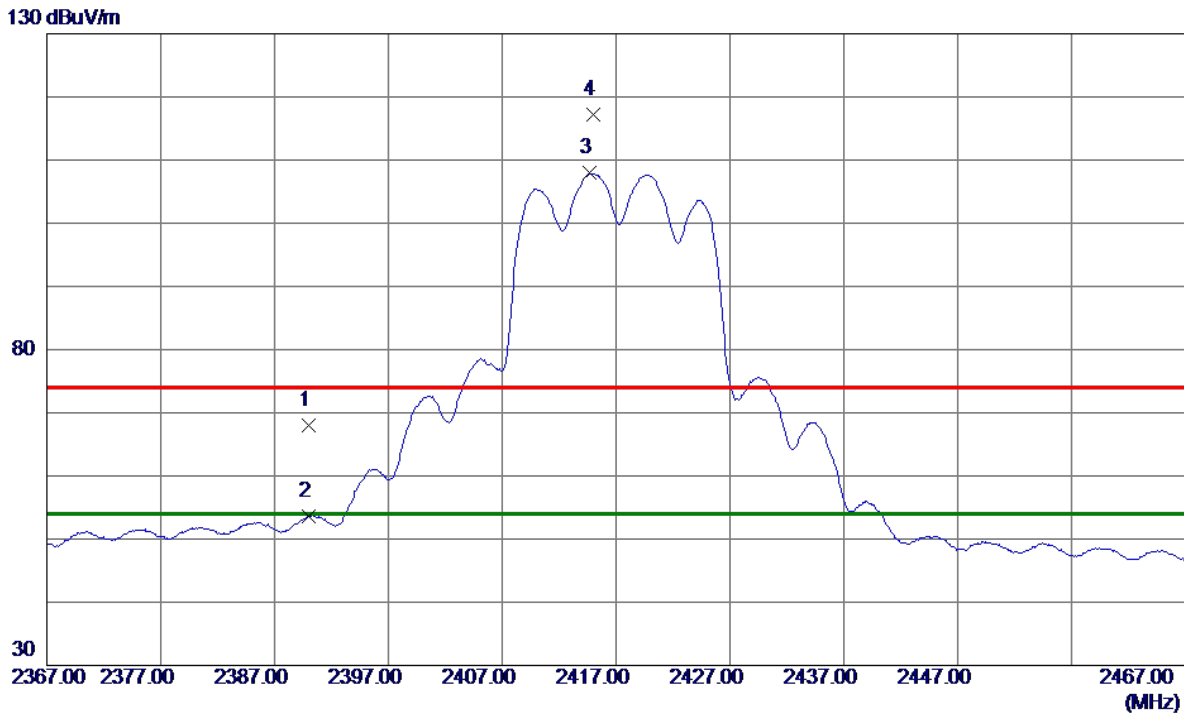


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7236.4080	41.11	10.60	51.71	54.00	-2.29	AVG	
2	7236.4600	53.13	10.60	63.73	74.00	-10.27	Peak	

REMARKS:

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

Test Mode	TX G Mode 2417 MHz	Polarization	Vertical
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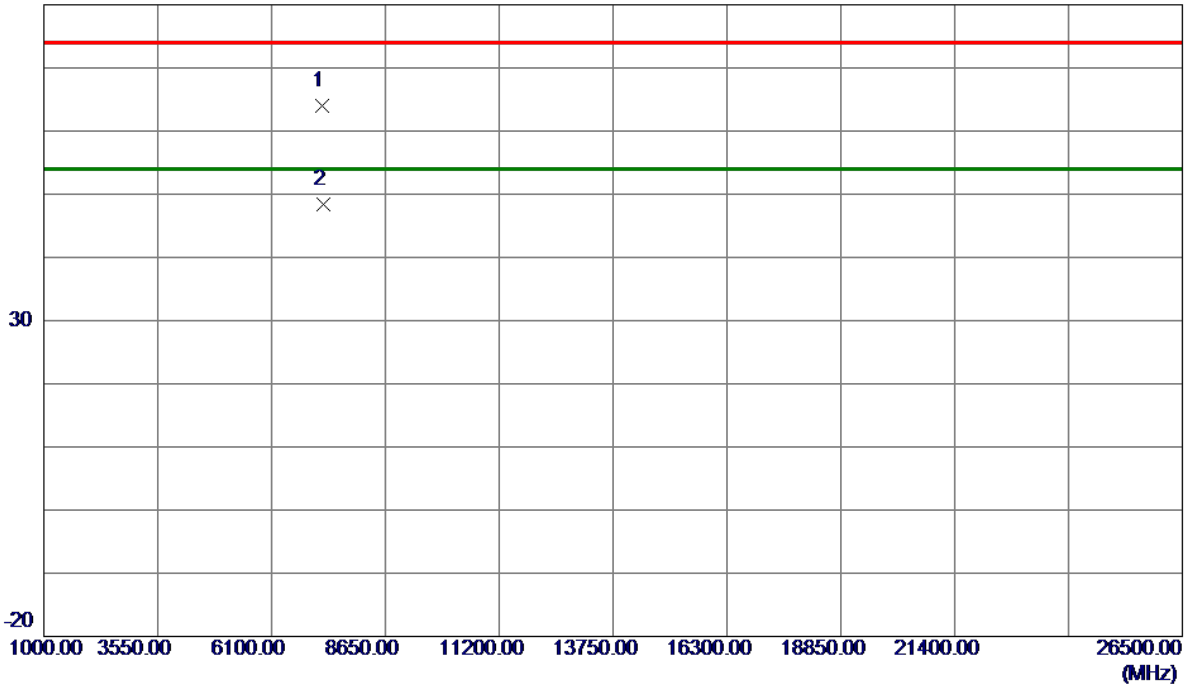
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	58.02	9.98	68.00	74.00	-6.00	Peak	
2	2390.0000	43.63	9.98	53.61	54.00	-0.39	AVG	
3 *	2414.6500	97.93	9.99	107.92	54.00	53.92	AVG	No Limit
4	2414.9500	107.19	9.99	117.18	74.00	43.18	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	Polarization	Vertical
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80 dBuV/m

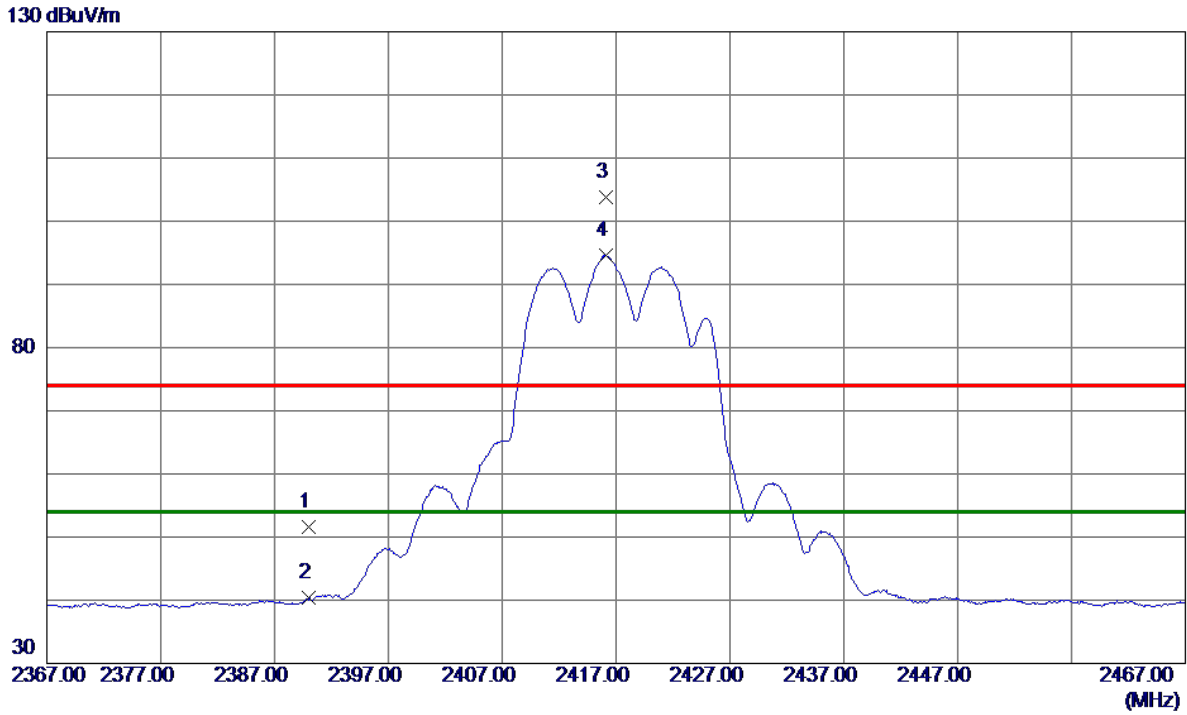


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7245.7100	51.48	12.44	63.92	74.00	-10.08	Peak	
2 *	7251.1300	35.95	12.45	48.40	54.00	-5.60	AVG	

**REMARKS:**

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

Test Mode	TX G Mode 2417 MHz	Polarization	Horizontal
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No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	41.57	9.98	51.55	74.00	-22.45	Peak	
2	2390.0000	30.34	9.98	40.32	54.00	-13.68	AVG	
3	2416.1000	93.89	9.99	103.88	74.00	29.88	Peak	No Limit
4 *	2416.1000	84.56	9.99	94.55	54.00	40.55	AVG	No Limit

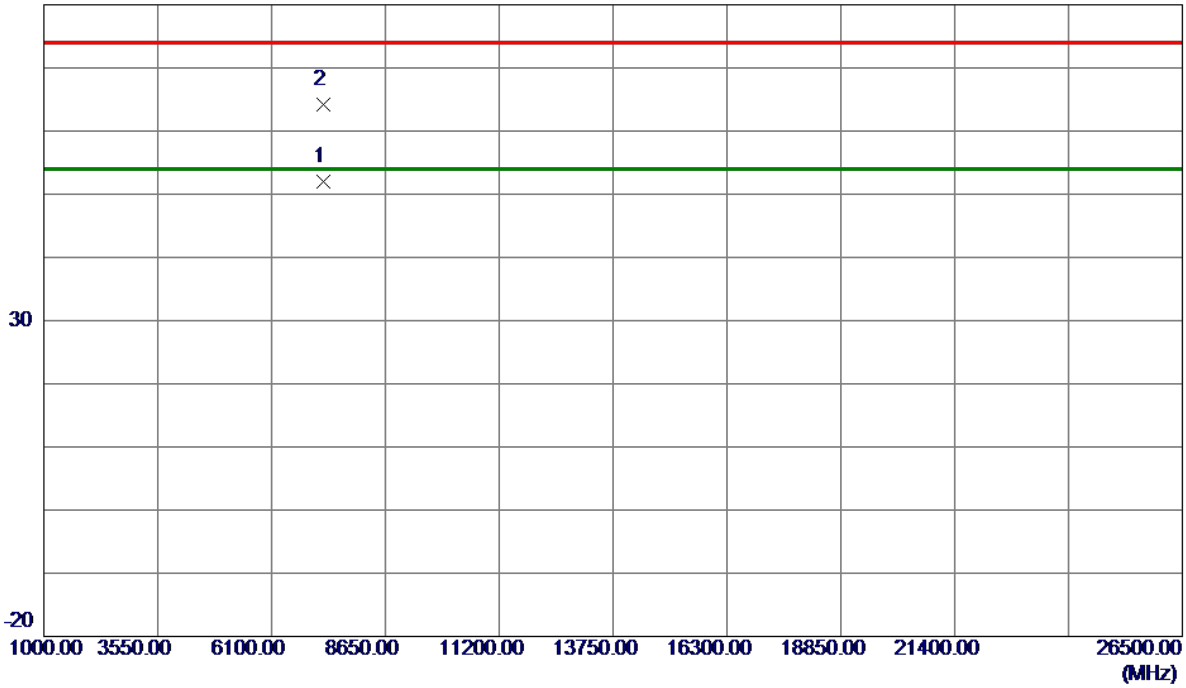
**REMARKS:**

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



Test Mode	TX G Mode 2417 MHz	Polarization	Horizontal
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80 dBuV/m

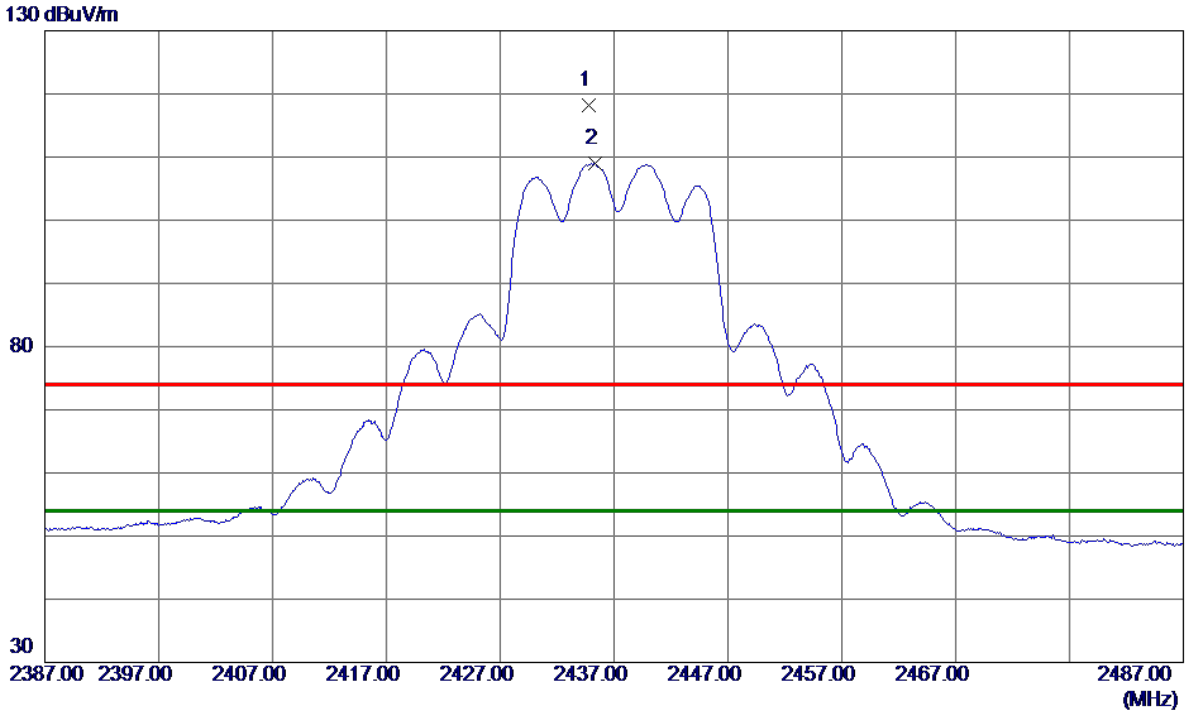


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7250.8900	41.46	10.62	52.08	54.00	-1.92	AVG	
2	7251.4930	53.51	10.62	64.13	74.00	-9.87	Peak	

REMARKS:

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

Test Mode	TX G Mode 2437 MHz	Polarization	Vertical
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No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2434.7500	108.13	9.99	118.12	74.00	44.12	Peak	No Limit
2 *	2435.3500	98.98	9.99	108.97	54.00	54.97	AVG	No Limit

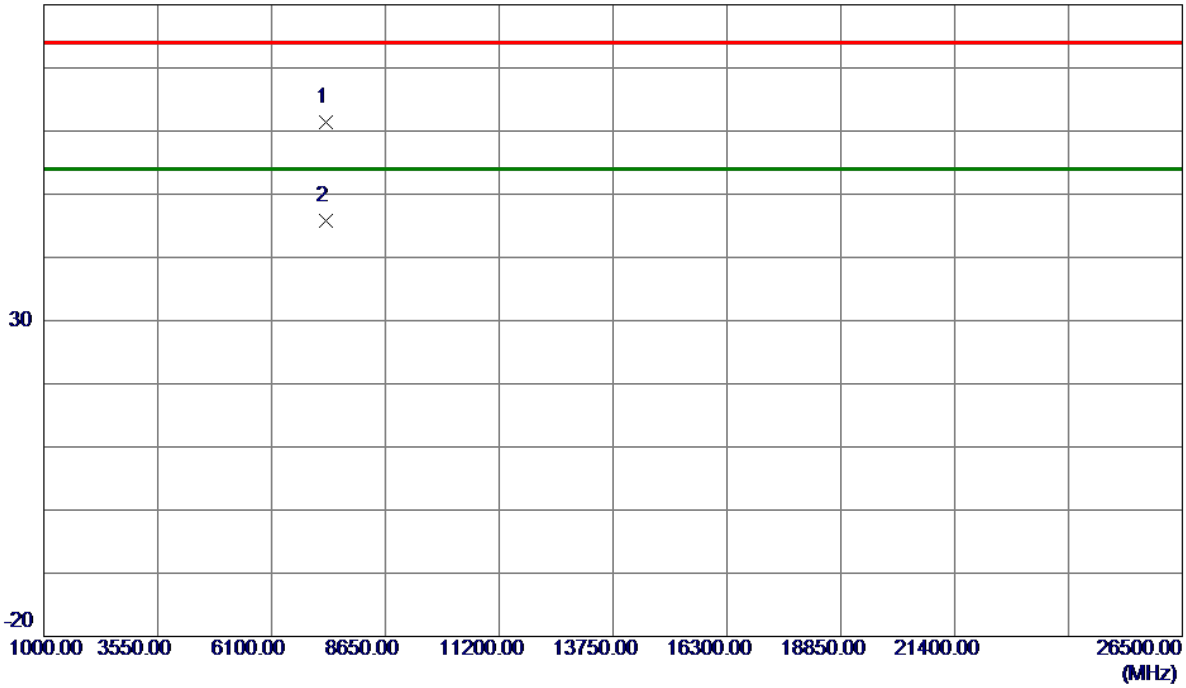
**REMARKS:**

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

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

Test Mode	TX G Mode 2437 MHz	Polarization	Vertical
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80 dBuV/m

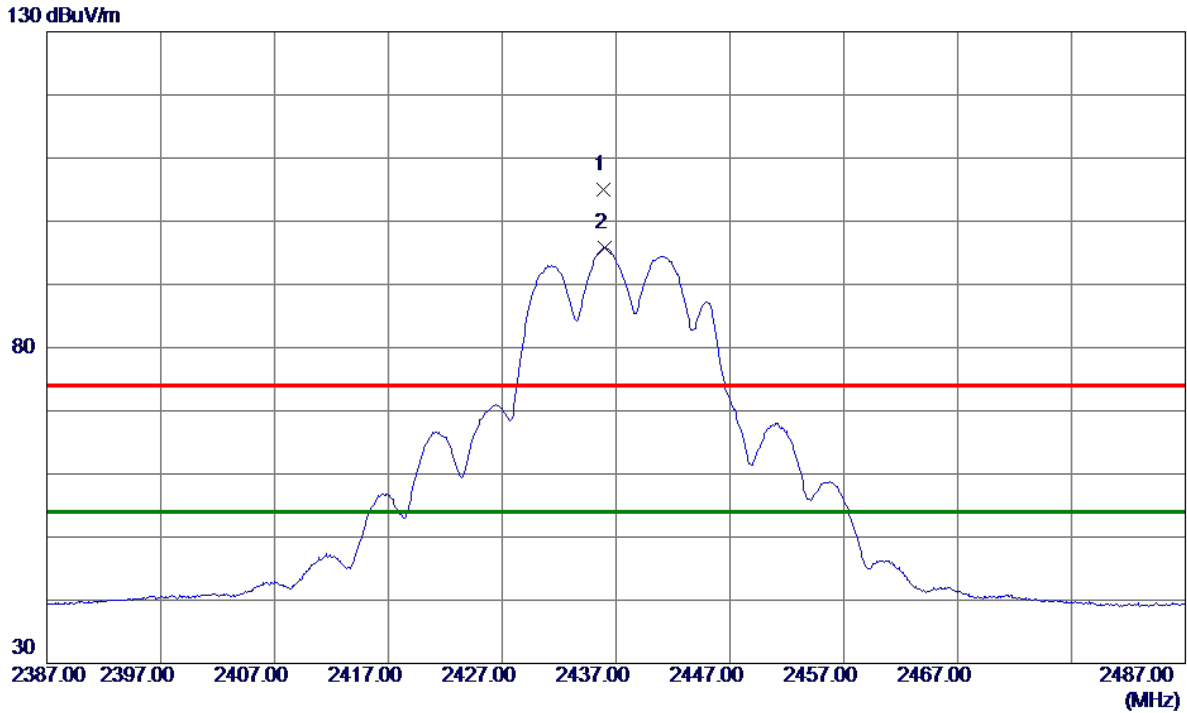


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7305.3900	48.92	12.51	61.43	74.00	-12.57	Peak	
2 *	7310.3800	33.23	12.51	45.74	54.00	-8.26	AVG	

**REMARKS:**

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

Test Mode	TX G Mode 2437 MHz	Polarization	Horizontal
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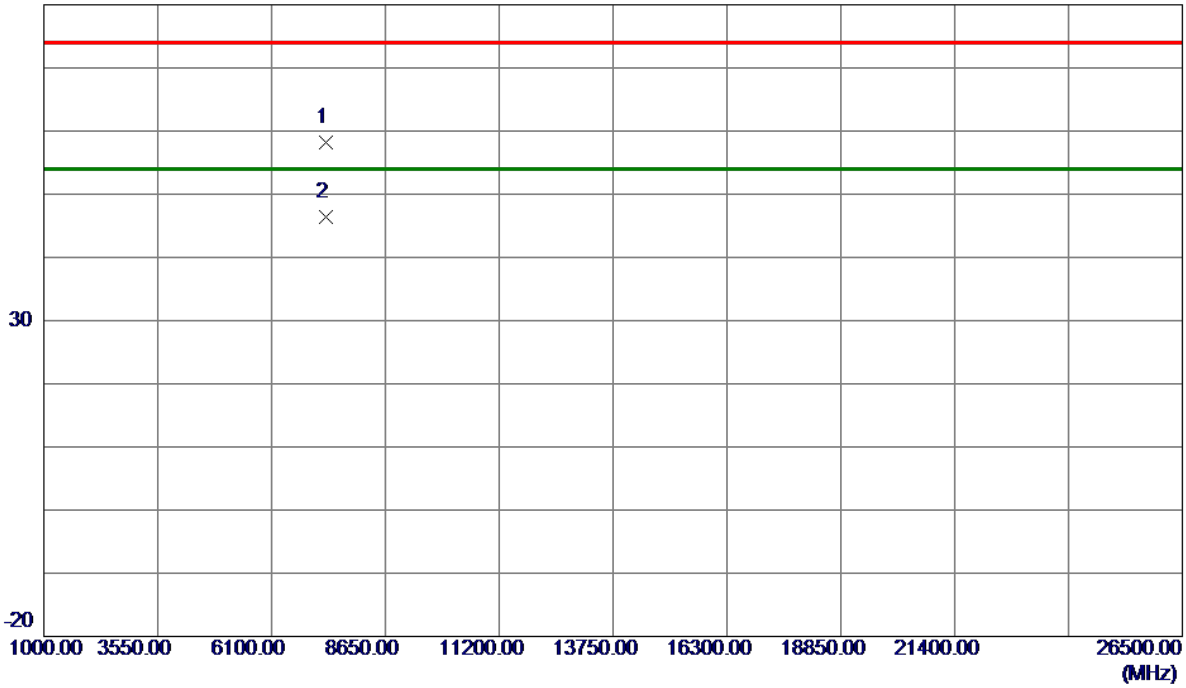
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2435.9000	95.03	9.99	105.02	74.00	31.02	Peak	No Limit
2 *	2436.0000	85.90	9.99	95.89	54.00	41.89	AVG	No Limit

**REMARKS:**

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

Test Mode	TX G Mode 2437 MHz	Polarization	Horizontal
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80 dBuV/m

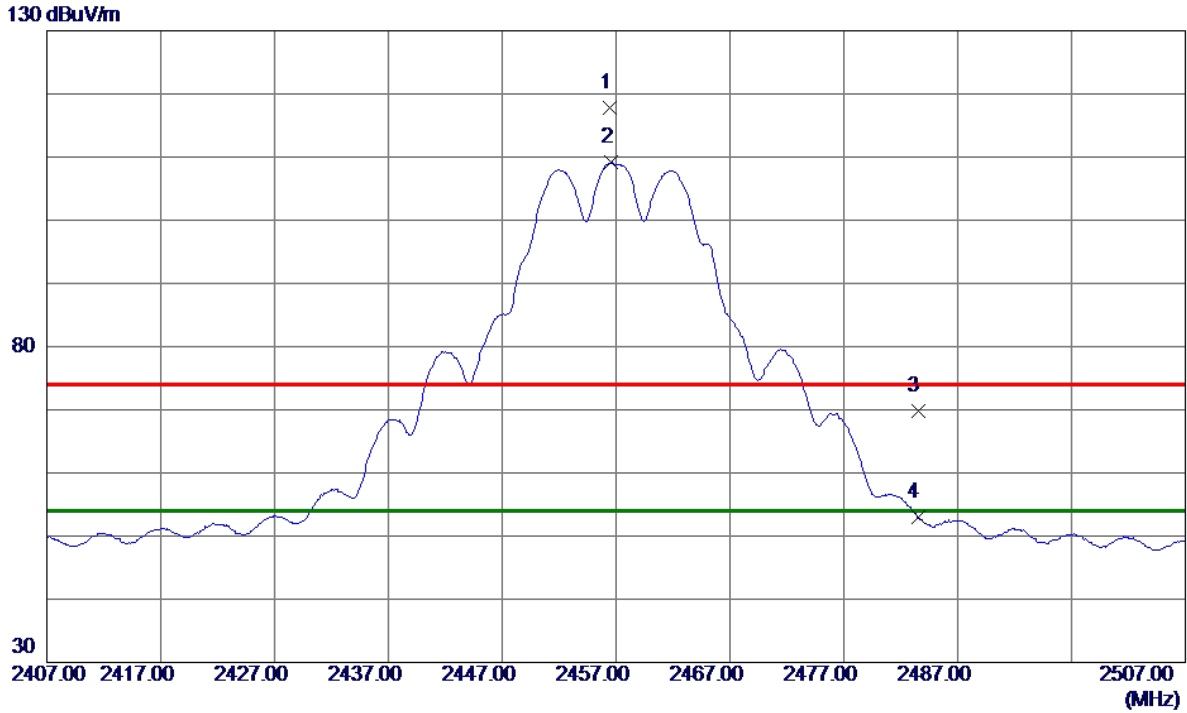


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7311.1630	47.53	10.69	58.22	74.00	-15.78	Peak	
2 *	7311.5280	35.63	10.69	46.32	54.00	-7.68	AVG	

**REMARKS:**

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

Test Mode	TX G Mode 2457 MHz	Polarization	Vertical
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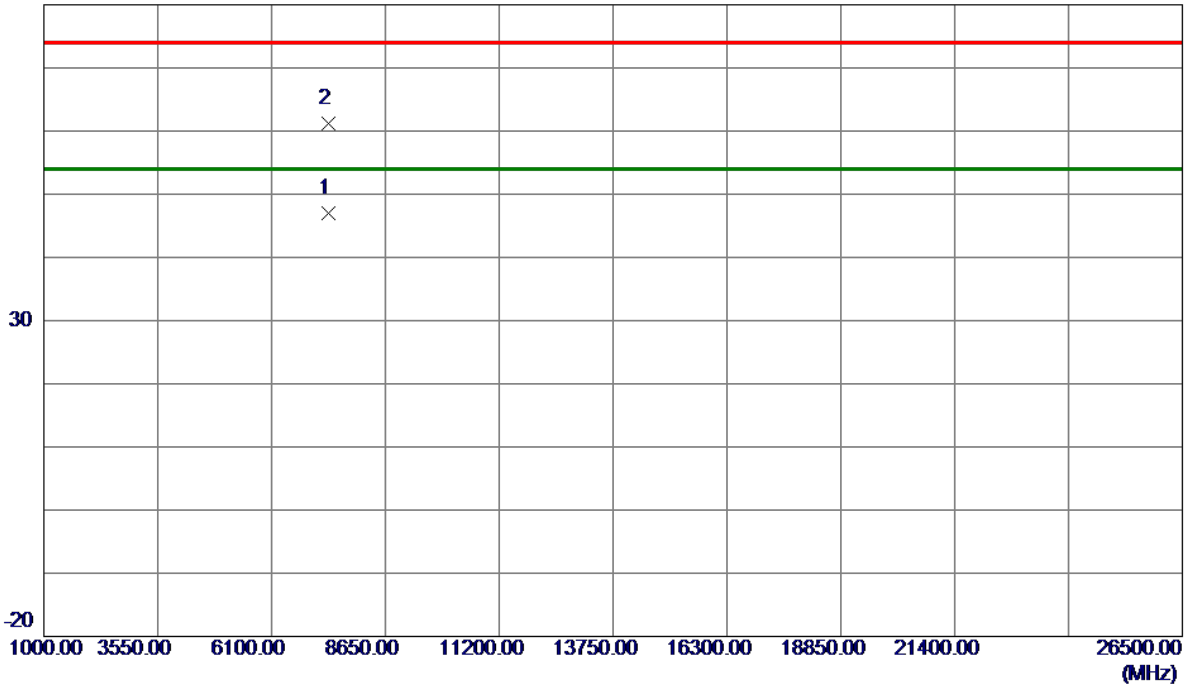
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2456.4500	107.87	10.00	117.87	74.00	43.87	Peak	No Limit
2 *	2456.6000	99.13	10.00	109.13	54.00	55.13	AVG	No Limit
3	2483.5000	59.79	10.01	69.80	74.00	-4.20	Peak	
4	2483.5000	42.96	10.01	52.97	54.00	-1.03	AVG	

**REMARKS:**

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

Test Mode	TX G Mode 2457 MHz	Polarization	Vertical
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80 dBuV/m

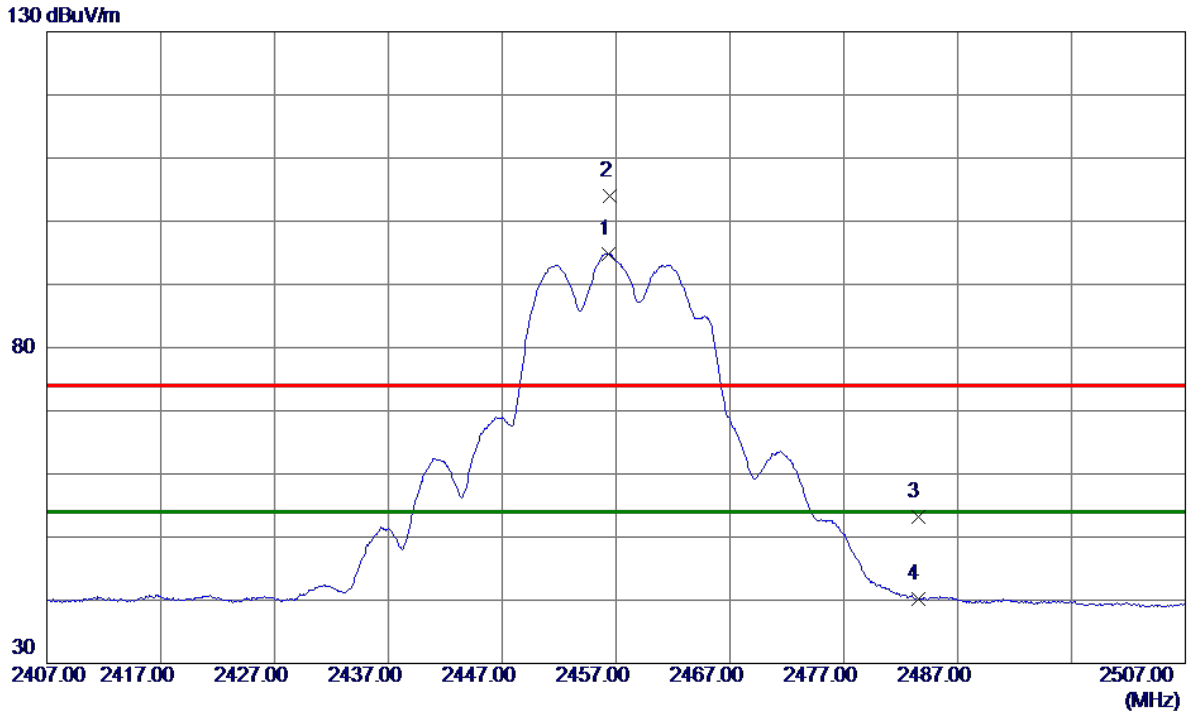


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7370.7000	34.45	12.58	47.03	54.00	-6.97	AVG	
2	7371.0200	48.61	12.58	61.19	74.00	-12.81	Peak	

**REMARKS:**

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

Test Mode	TX G Mode 2457 MHz	Polarization	Horizontal
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No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2456.3000	84.88	10.00	94.88	54.00	40.88	AVG	No Limit
2	2456.4000	93.97	10.00	103.97	74.00	29.97	Peak	No Limit
3	2483.5000	43.16	10.01	53.17	74.00	-20.83	Peak	
4	2483.5000	30.22	10.01	40.23	54.00	-13.77	AVG	

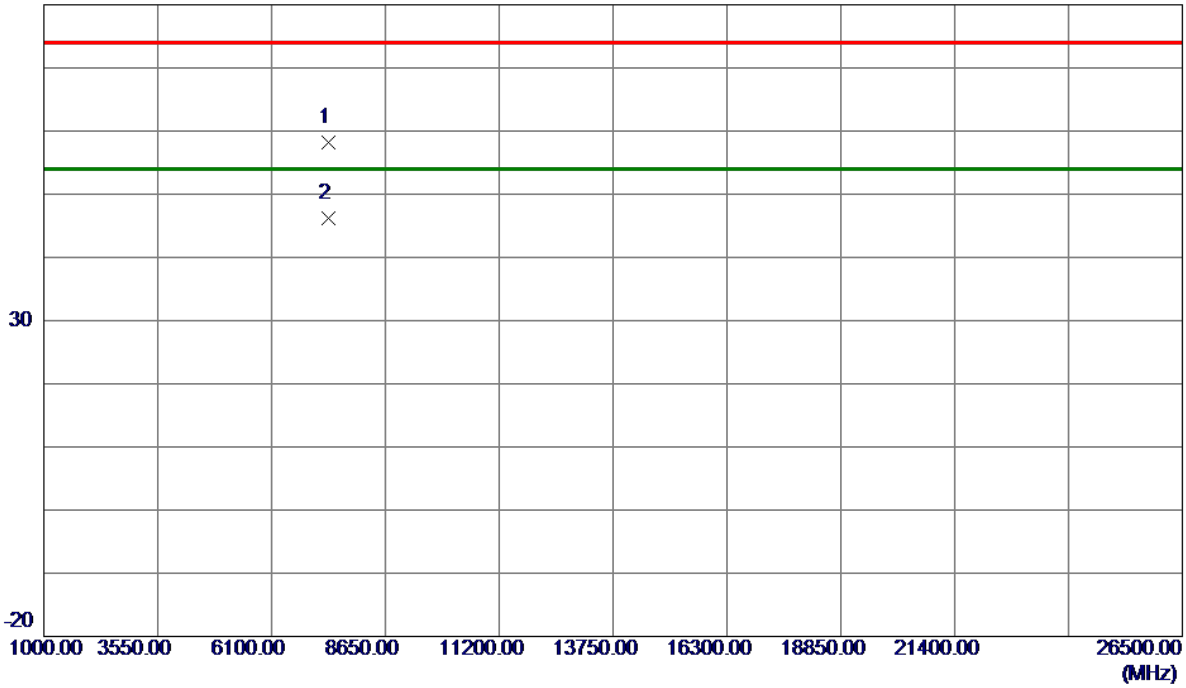
**REMARKS:**

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



Test Mode	TX G Mode 2457 MHz	Polarization	Horizontal
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80 dBuV/m

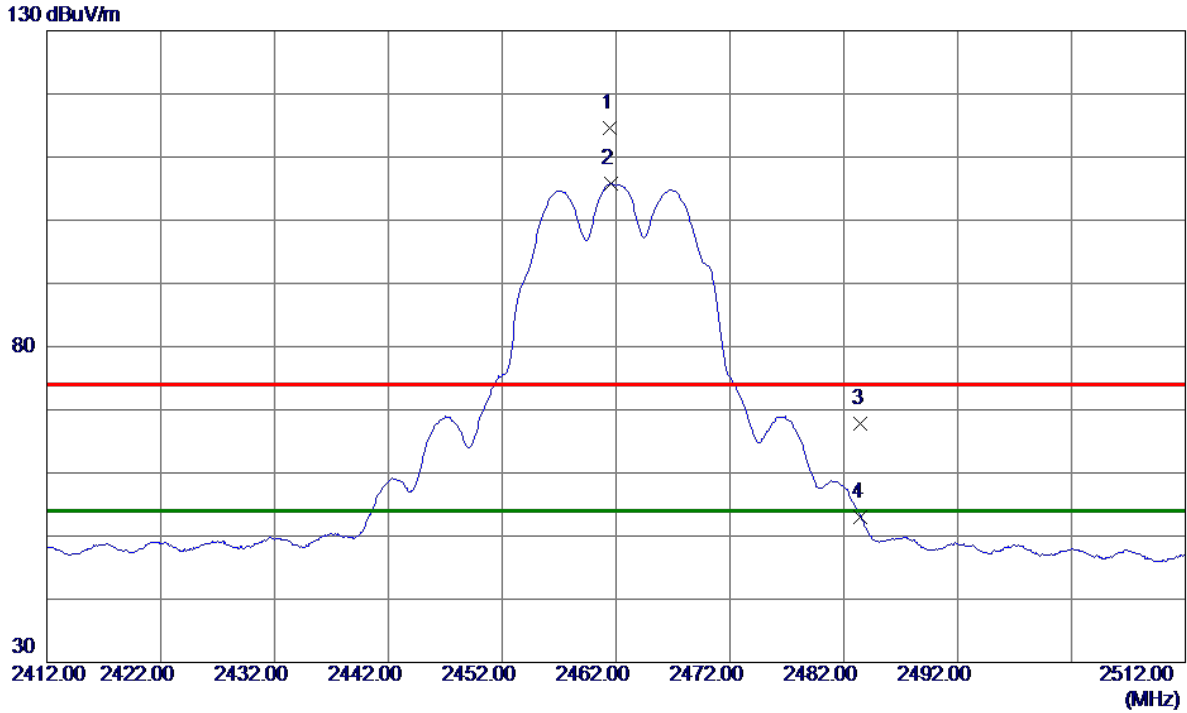


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7371.4750	47.48	10.77	58.25	74.00	-15.75	Peak	
2 *	7371.6350	35.48	10.77	46.25	54.00	-7.75	AVG	

**REMARKS:**

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

Test Mode	TX G Mode 2462 MHz	Polarization	Vertical
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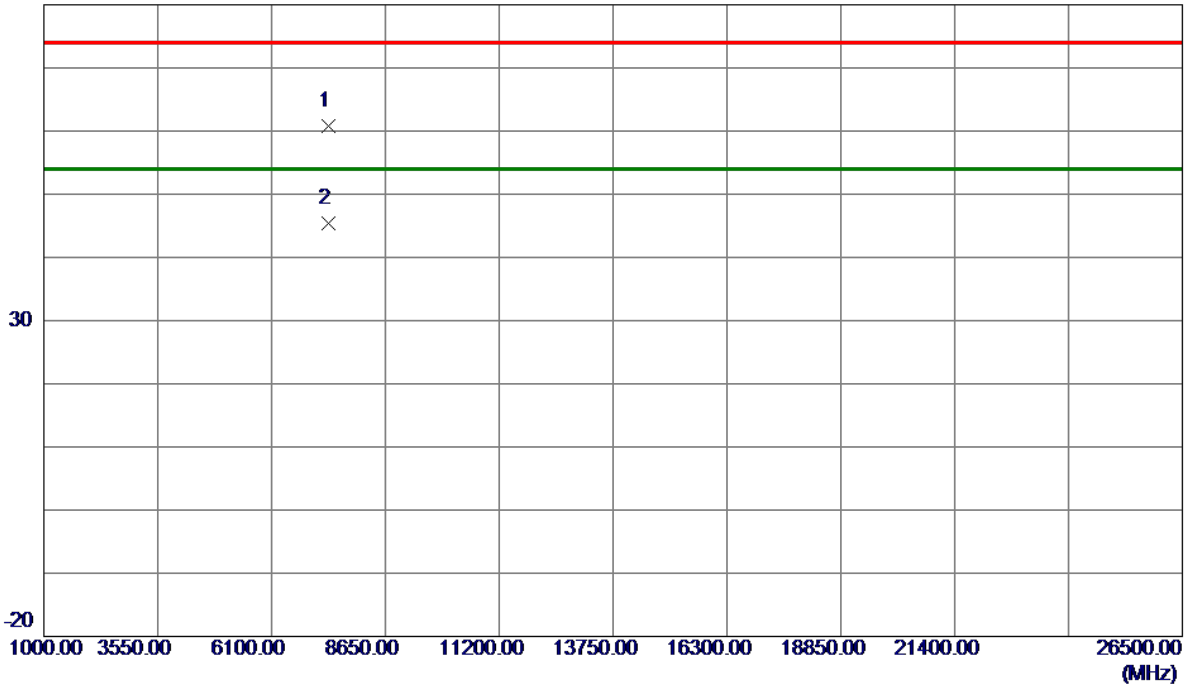
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2461.5000	104.57	10.00	114.57	74.00	40.57	Peak	No Limit
2 *	2461.6000	95.79	10.00	105.79	54.00	51.79	AVG	No Limit
3	2483.5000	57.75	10.01	67.76	74.00	-6.24	Peak	
4	2483.5000	43.08	10.01	53.09	54.00	-0.91	AVG	

**REMARKS:**

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

Test Mode	TX G Mode 2462 MHz	Polarization	Vertical
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80 dBuV/m

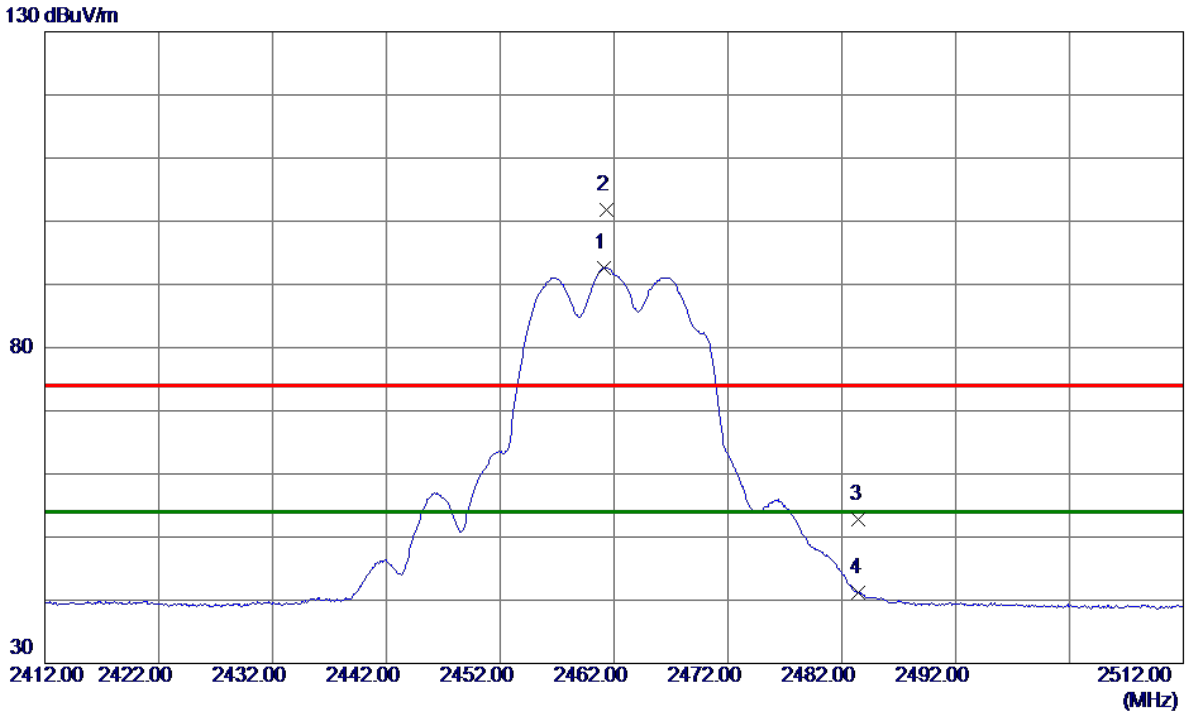


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7380.3700	48.30	12.59	60.89	74.00	-13.11	Peak	
2 *	7385.9100	32.79	12.59	45.38	54.00	-8.62	AVG	

**REMARKS:**

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

Test Mode	TX G Mode 2462 MHz	Polarization	Horizontal
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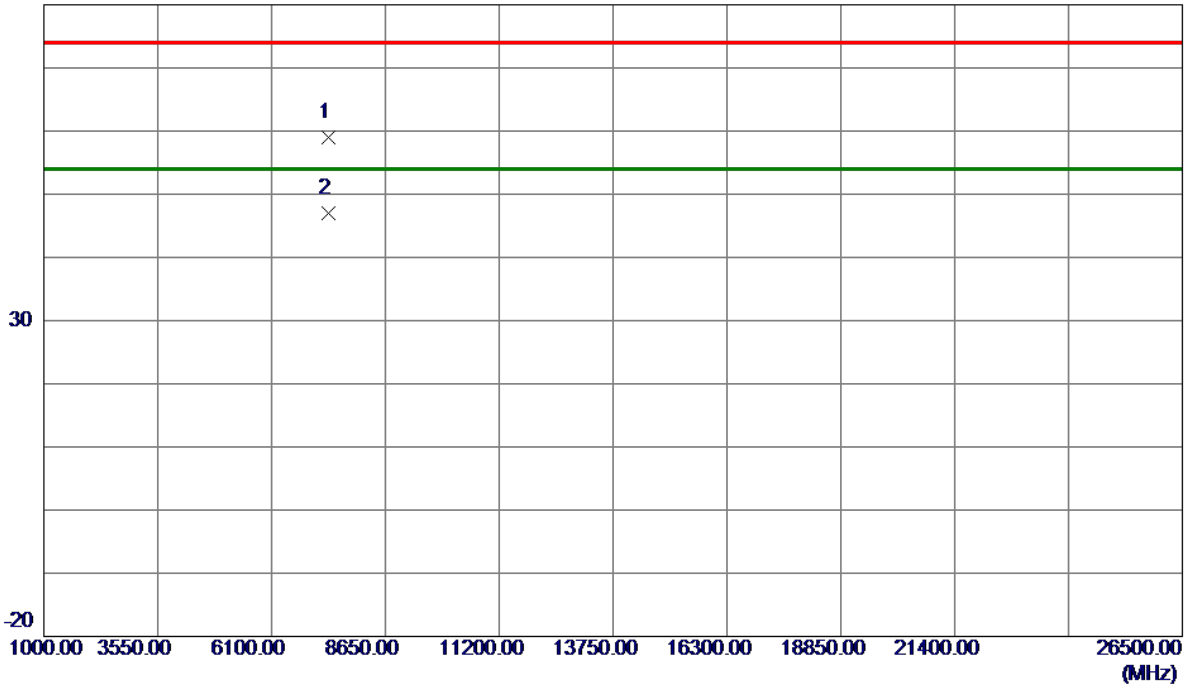
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2461.1500	82.66	10.00	92.66	54.00	38.66	AVG	No Limit
2	2461.3500	91.77	10.00	101.77	74.00	27.77	Peak	No Limit
3	2483.5000	42.71	10.01	52.72	74.00	-21.28	Peak	
4	2483.5000	31.17	10.01	41.18	54.00	-12.82	AVG	

**REMARKS:**

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

Test Mode	TX G Mode 2462 MHz	Polarization	Horizontal
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80 dBuV/m

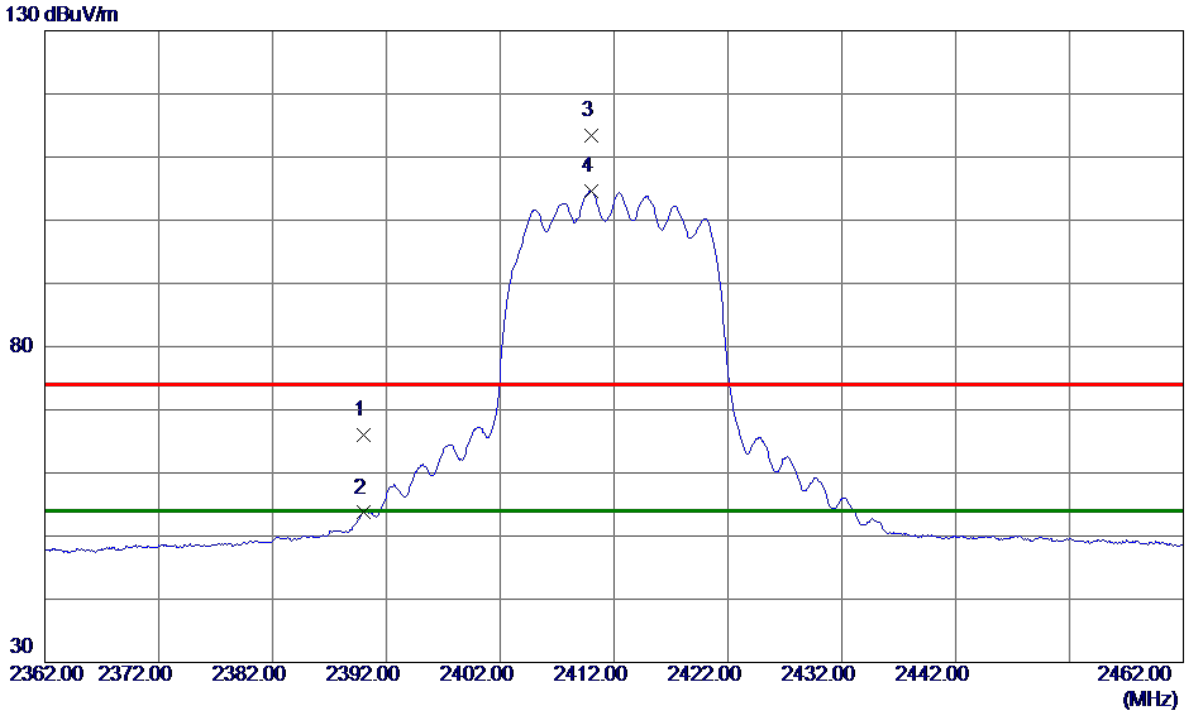


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7386.4850	48.22	10.79	59.01	74.00	-14.99	Peak	
2 *	7386.6100	36.23	10.79	47.02	54.00	-6.98	AVG	

REMARKS:

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

Test Mode	TX N(HT20) Mode 2412 MHz	Polarization	Vertical
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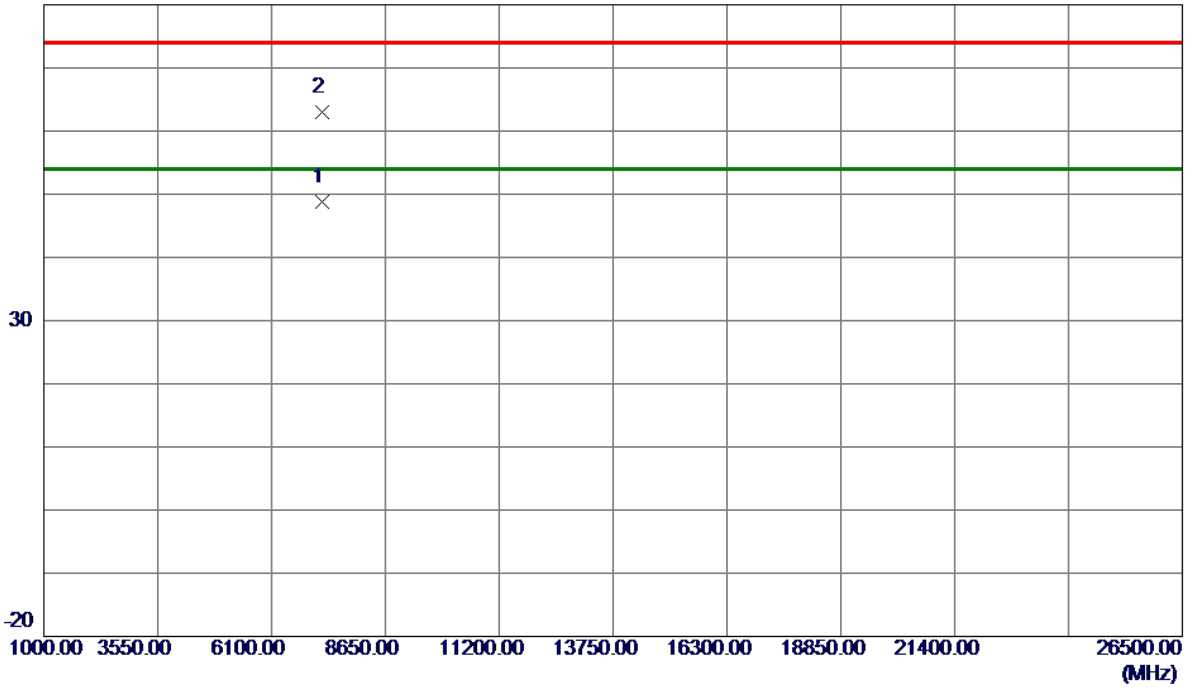
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	56.09	9.98	66.07	74.00	-7.93	Peak	
2	2390.0000	43.72	9.98	53.70	54.00	-0.30	AVG	
3	2409.9500	103.37	9.98	113.35	74.00	39.35	Peak	No Limit
4 *	2410.0000	94.67	9.98	104.65	54.00	50.65	AVG	No Limit

**REMARKS:**

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

Test Mode	TX N(HT20) Mode 2412 MHz	Polarization	Vertical
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80 dBuV/m

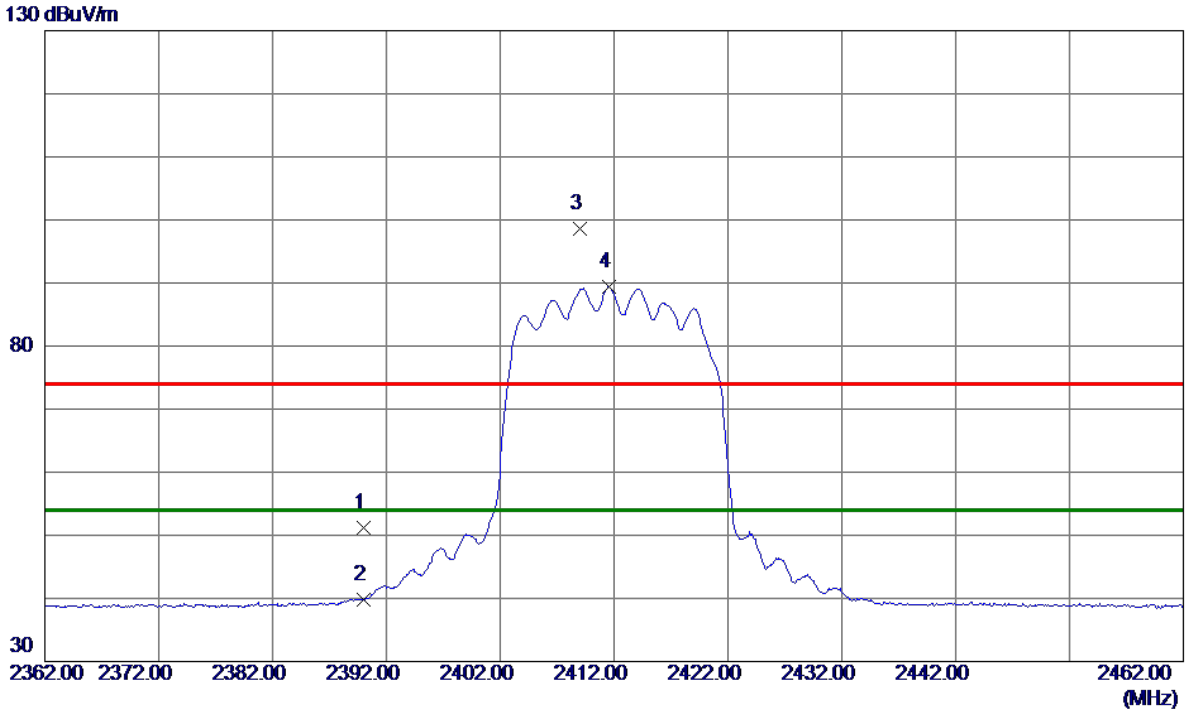


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7236.0100	36.30	12.43	48.73	54.00	-5.27	AVG	
2	7240.9900	50.63	12.44	63.07	74.00	-10.93	Peak	

**REMARKS:**

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

Test Mode	TX N(HT20) Mode 2412 MHz	Polarization	Horizontal
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No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	41.17	9.98	51.15	74.00	-22.85	Peak	
2	2390.0000	29.78	9.98	39.76	54.00	-14.24	AVG	
3	2409.0500	88.64	9.98	98.62	74.00	24.62	Peak	No Limit
4 *	2411.6000	79.37	9.98	89.35	54.00	35.35	AVG	No Limit

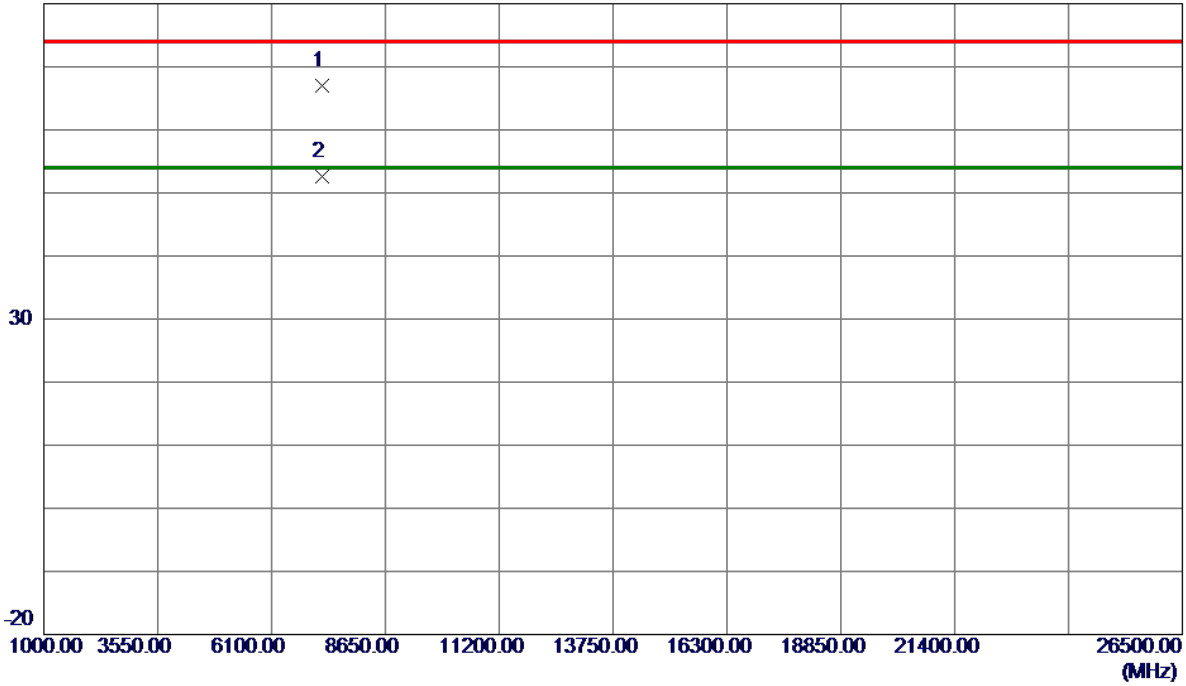
**REMARKS:**

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



Test Mode	TX N(HT20) Mode 2412 MHz	Polarization	Horizontal
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80 dBuV/m

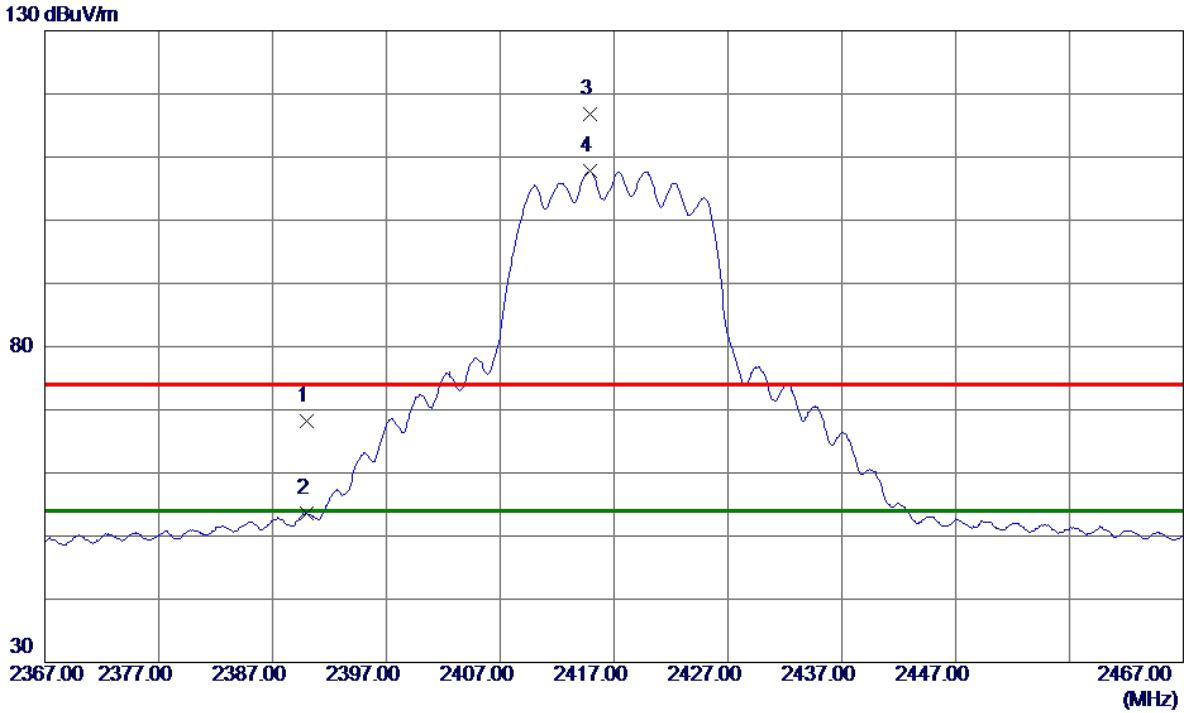


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7232.2800	54.57	12.43	67.00	74.00	-7.00	Peak	
2 *	7237.1600	40.21	12.43	52.64	54.00	-1.36	AVG	

REMARKS:

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

Test Mode	TX N(HT20) Mode 2417 MHz	Polarization	Vertical
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No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	58.24	9.98	68.22	74.00	-5.78	Peak	
2	2390.0000	43.56	9.98	53.54	54.00	-0.46	AVG	
3	2414.8500	106.83	9.99	116.82	74.00	42.82	Peak	No Limit
4 *	2414.8500	97.78	9.99	107.77	54.00	53.77	AVG	No Limit

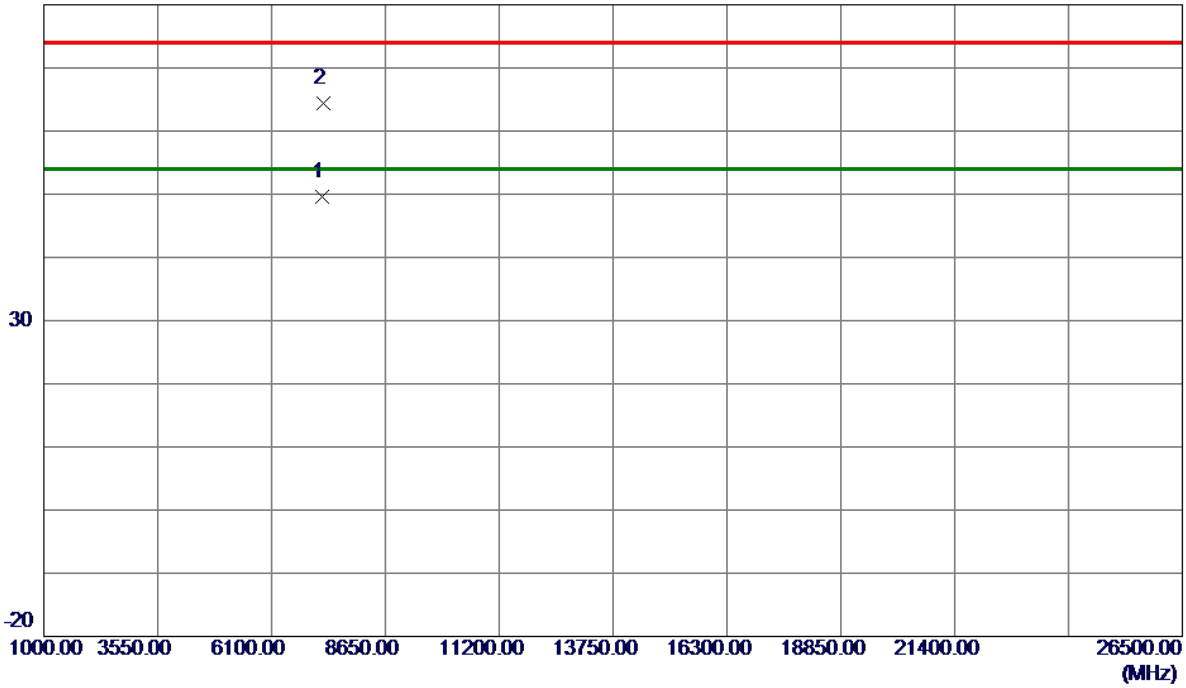
**REMARKS:**

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

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

Test Mode	TX N(HT20) Mode 2417 MHz	Polarization	Vertical
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80 dBuV/m



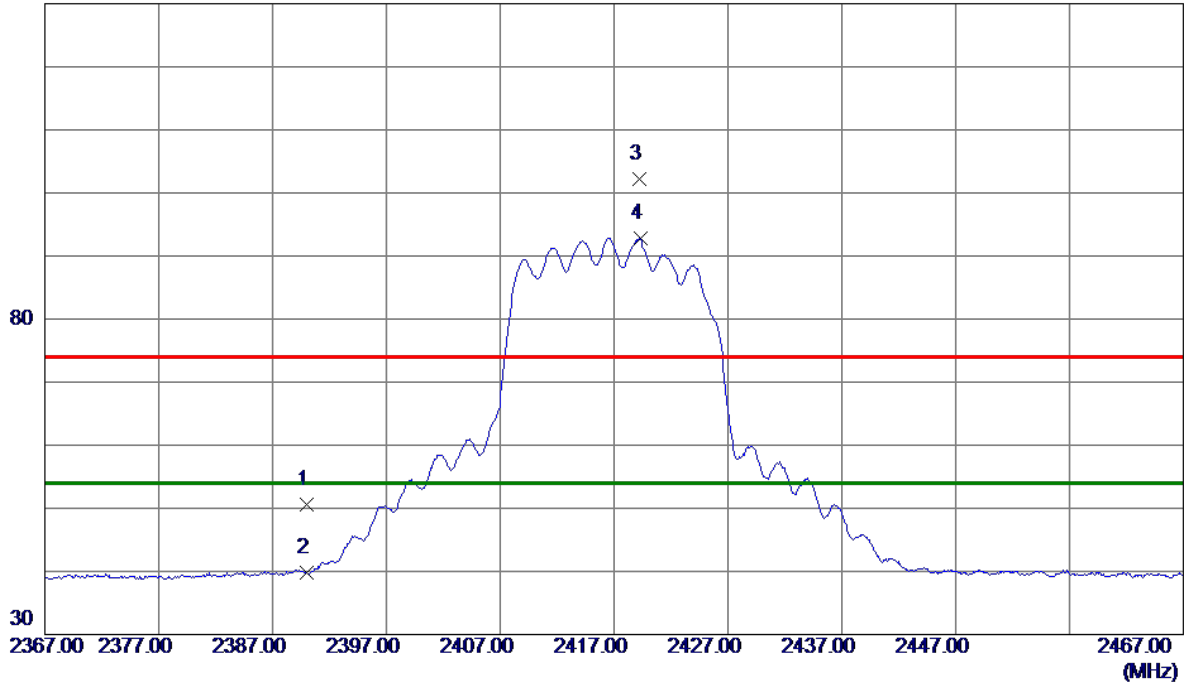
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7246.0600	37.22	12.44	49.66	54.00	-4.34	AVG	
2	7251.0100	51.89	12.45	64.34	74.00	-9.66	Peak	

**REMARKS:**

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

Test Mode	TX N(HT20) Mode 2417 MHz	Polarization	Horizontal
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130 dBuV/m



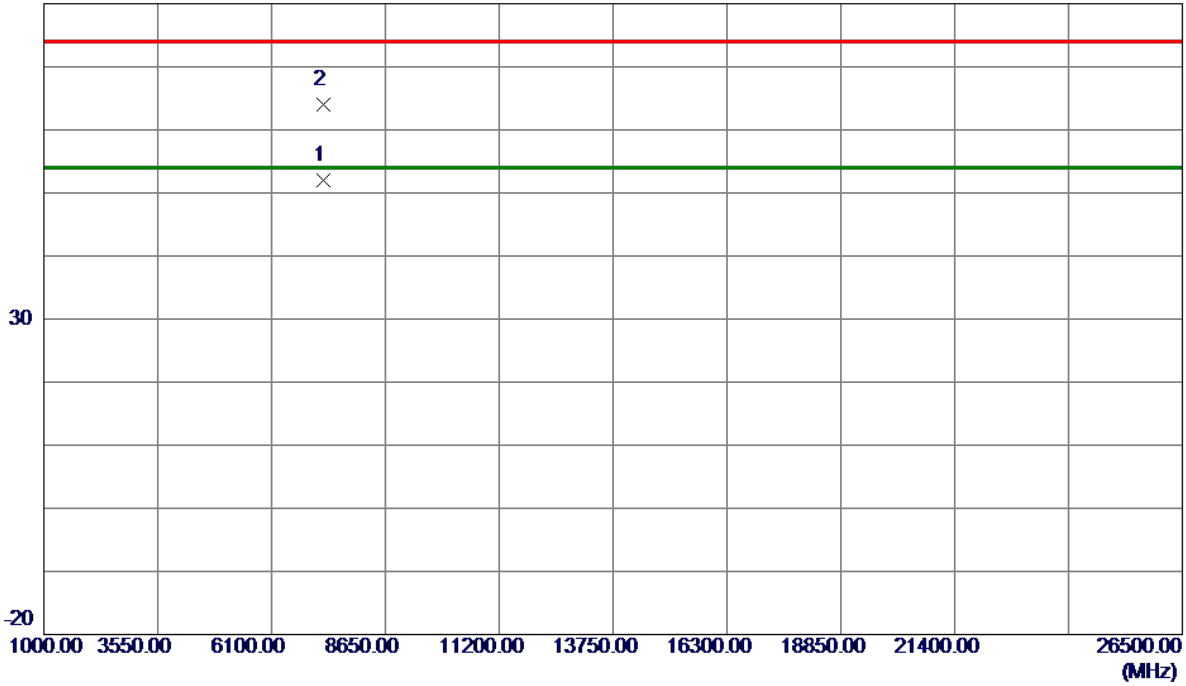
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	40.55	9.98	50.53	74.00	-23.47	Peak	
2	2390.0000	29.75	9.98	39.73	54.00	-14.27	AVG	
3	2419.2500	92.13	9.99	102.12	74.00	28.12	Peak	No Limit
4 *	2419.3000	82.83	9.99	92.82	54.00	38.82	AVG	No Limit

**REMARKS:**

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

Test Mode	TX N(HT20) Mode 2417 MHz	Polarization	Horizontal
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80 dBuV/m

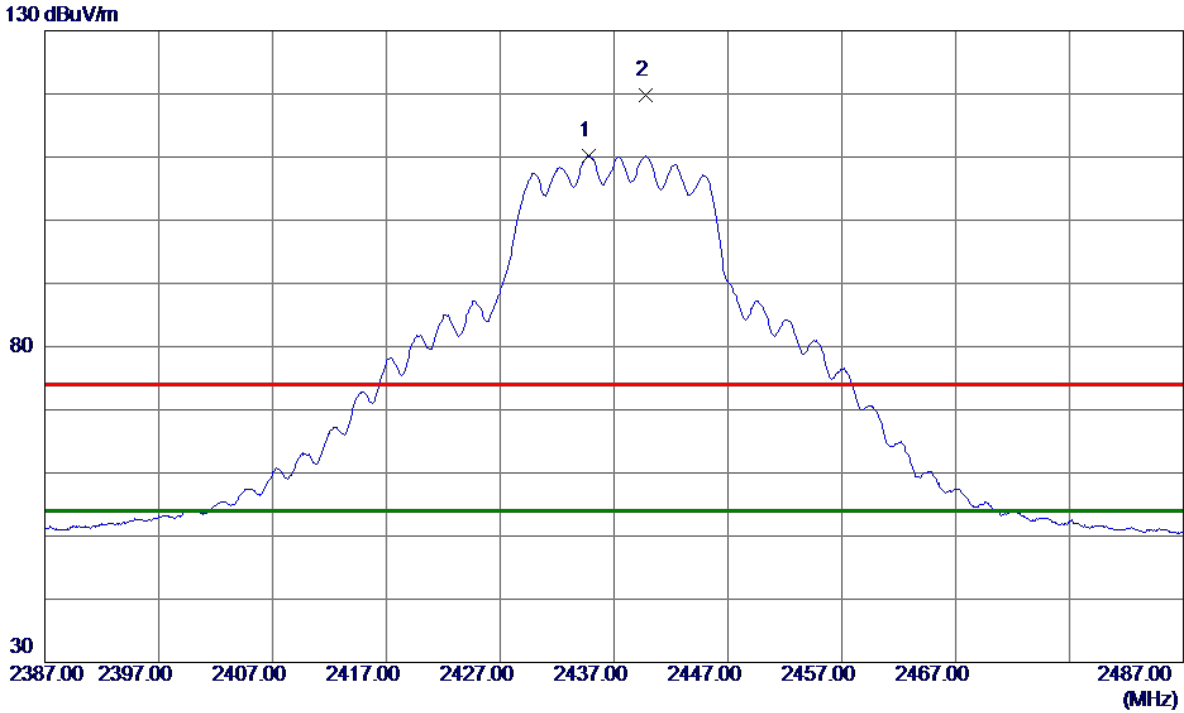


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7248.5680	41.44	10.61	52.05	54.00	-1.95	AVG	
2	7251.0470	53.37	10.62	63.99	74.00	-10.01	Peak	

REMARKS:

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

Test Mode	TX N(HT20) Mode 2437 MHz	Polarization	Vertical
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No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2434.7500	100.20	9.99	110.19	54.00	56.19	AVG	No Limit
2	2439.7500	109.70	10.00	119.70	74.00	45.70	Peak	No Limit

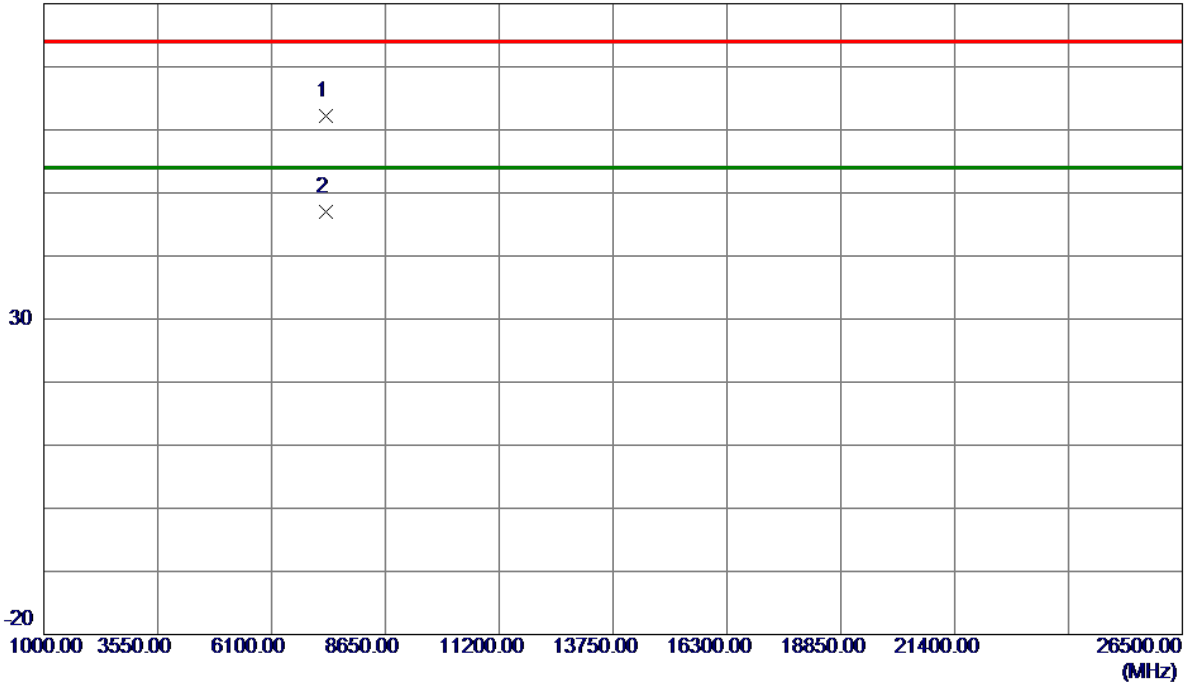
**REMARKS:**

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

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

Test Mode	TX N(HT20) Mode 2437 MHz	Polarization	Vertical
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80 dBuV/m

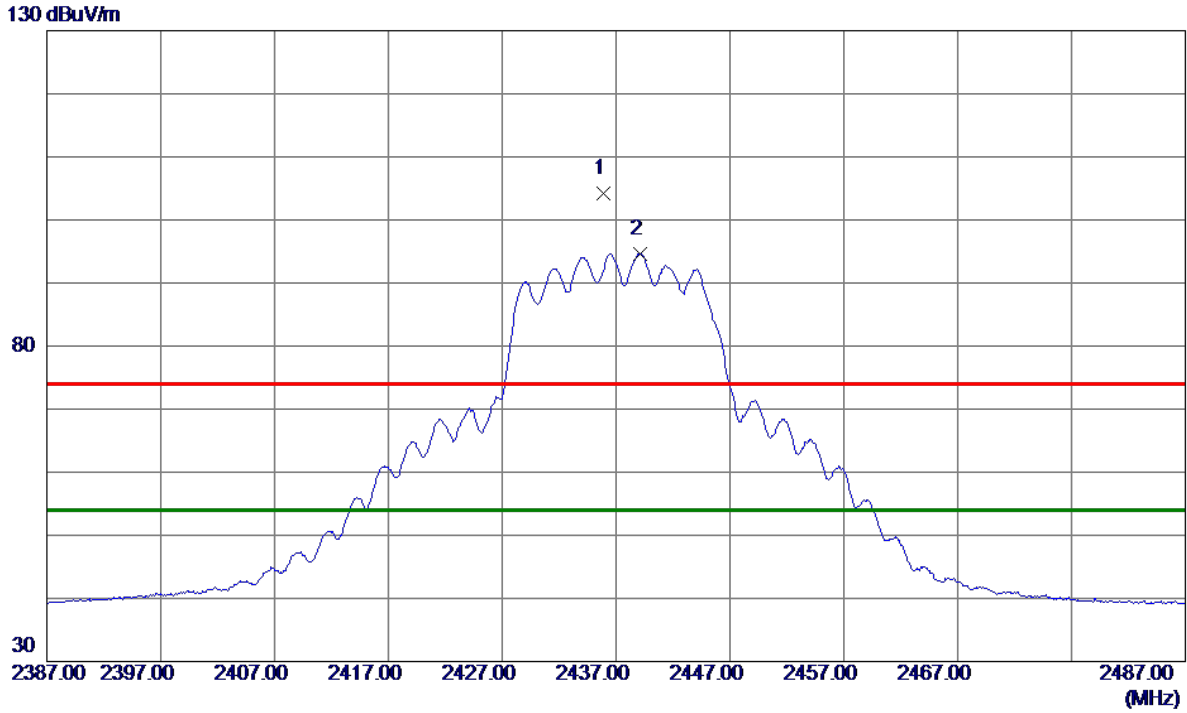


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7308.5100	49.78	12.51	62.29	74.00	-11.71	Peak	
2 *	7313.4900	34.55	12.51	47.06	54.00	-6.94	AVG	

REMARKS:

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

Test Mode	TX N(HT20) Mode 2437 MHz	Polarization	Horizontal
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No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2435.8500	94.17	9.99	104.16	74.00	30.16	Peak	No Limit
2 *	2439.1500	84.64	10.00	94.64	54.00	40.64	AVG	No Limit

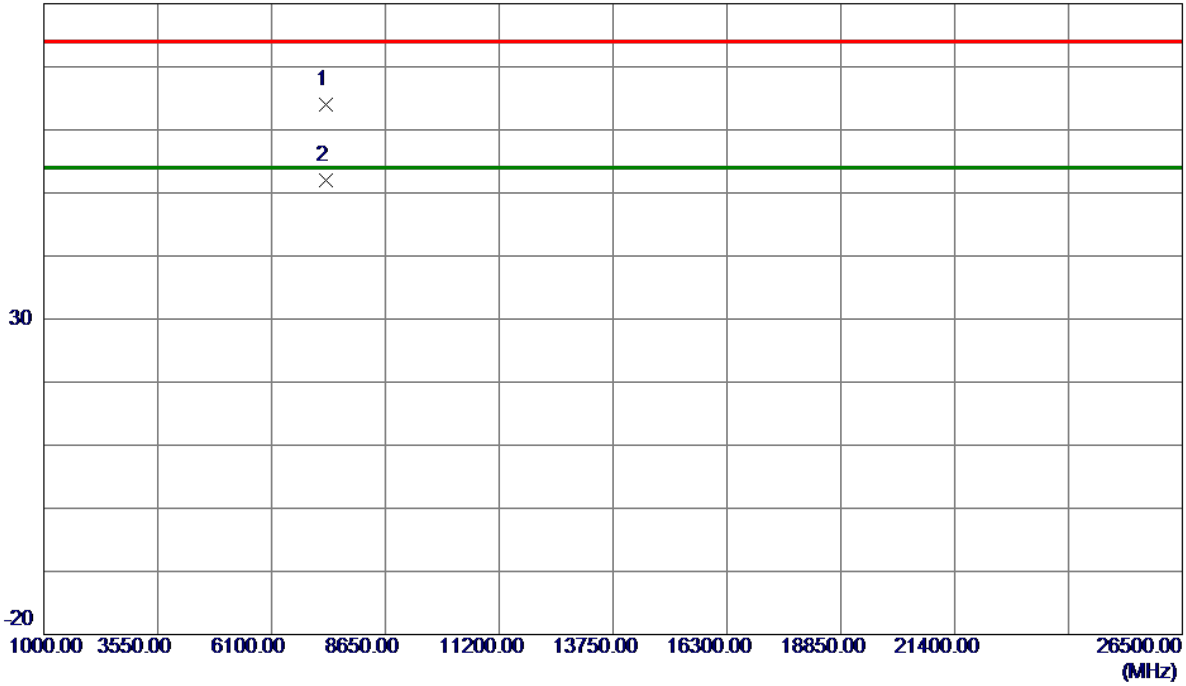
**REMARKS:**

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



Test Mode	TX N(HT20) Mode 2437 MHz	Polarization	Horizontal
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80 dBuV/m

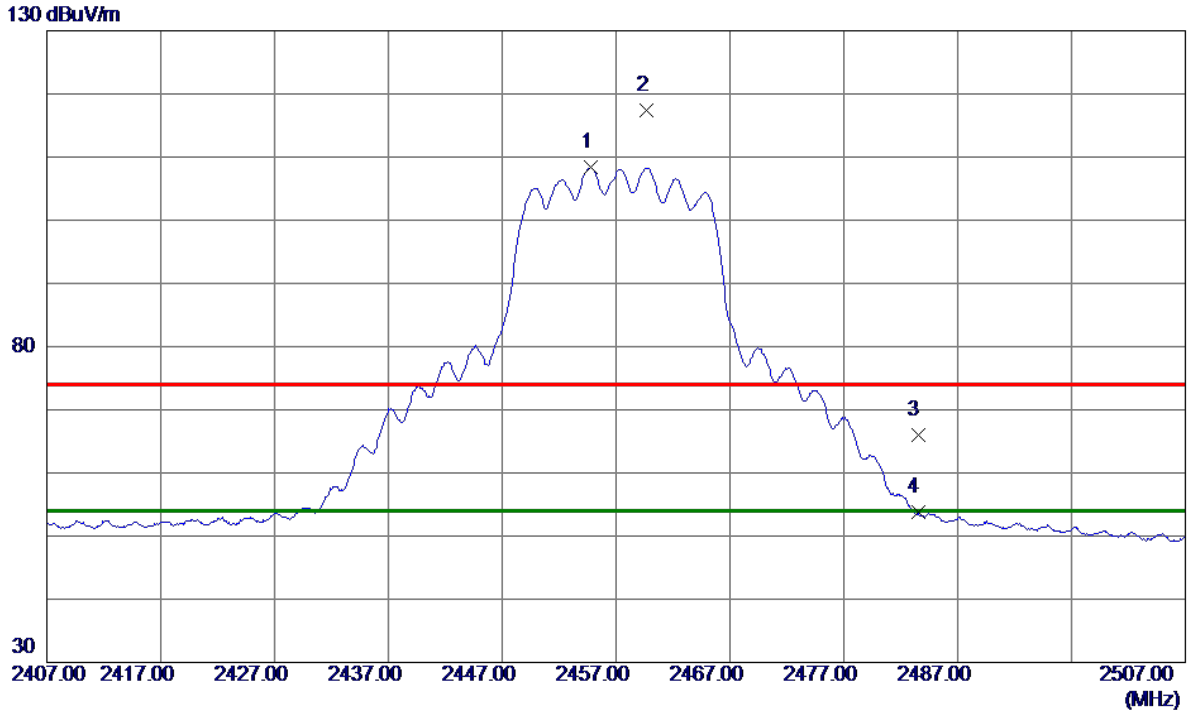


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7311.1880	53.26	10.69	63.95	74.00	-10.05	Peak	
2 *	7311.2850	41.26	10.69	51.95	54.00	-2.05	AVG	

REMARKS:

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

Test Mode	TX N(HT20) Mode 2457 MHz	Polarization	Vertical
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No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2454.7500	98.38	10.00	108.38	54.00	54.38	AVG	No Limit
2	2459.6500	107.39	10.00	117.39	74.00	43.39	Peak	No Limit
3	2483.5000	56.01	10.01	66.02	74.00	-7.98	Peak	
4	2483.5000	43.70	10.01	53.71	54.00	-0.29	AVG	

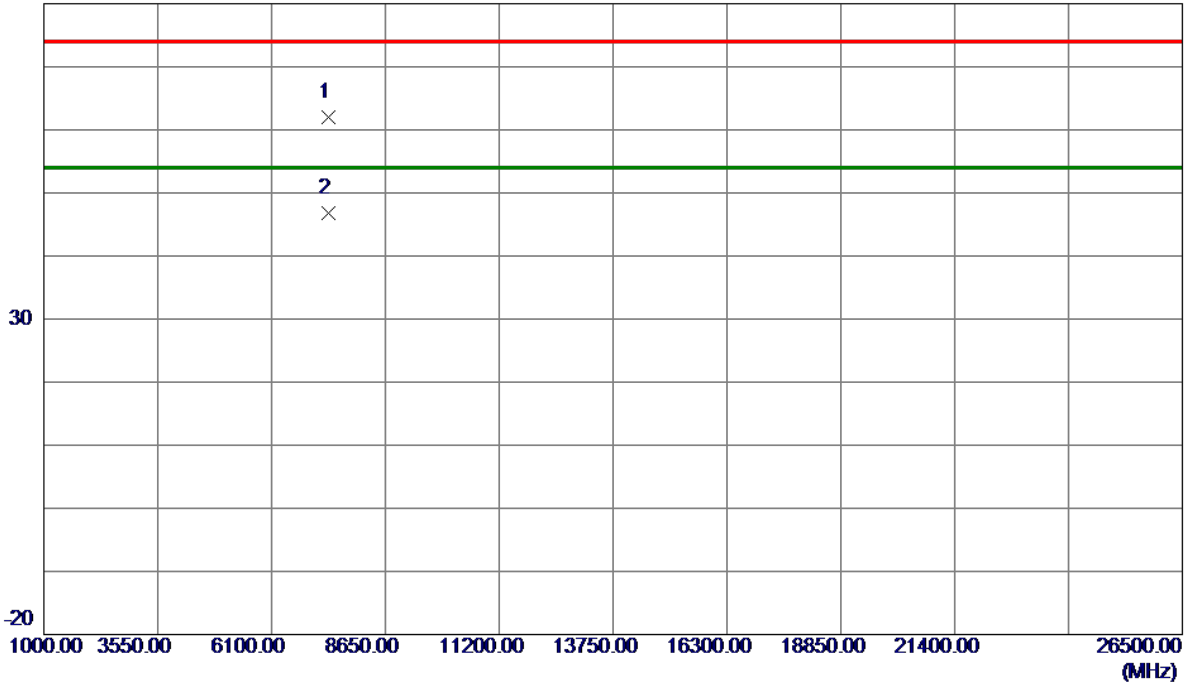
**REMARKS:**

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

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

Test Mode	TX N(HT20) Mode 2457 MHz	Polarization	Vertical
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80 dBuV/m

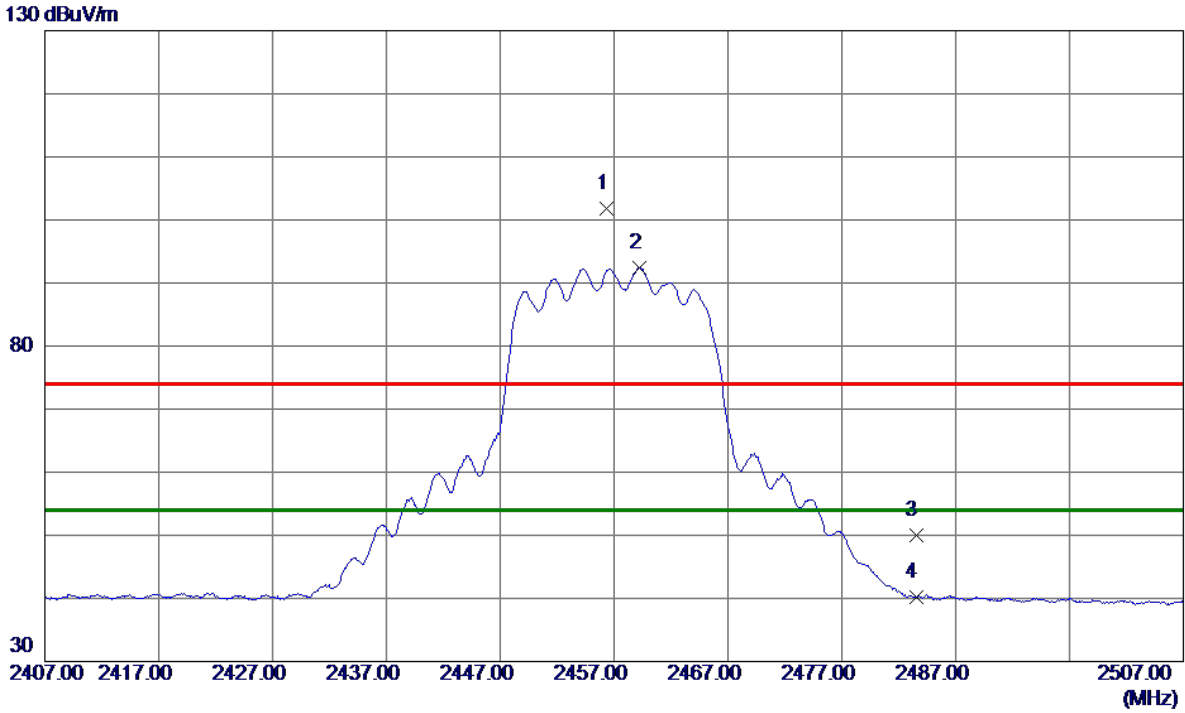


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7368.4000	49.49	12.58	62.07	74.00	-11.93	Peak	
2 *	7370.8600	34.24	12.58	46.82	54.00	-7.18	AVG	

**REMARKS:**

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

Test Mode	TX N(HT20) Mode 2457 MHz	Polarization	Horizontal
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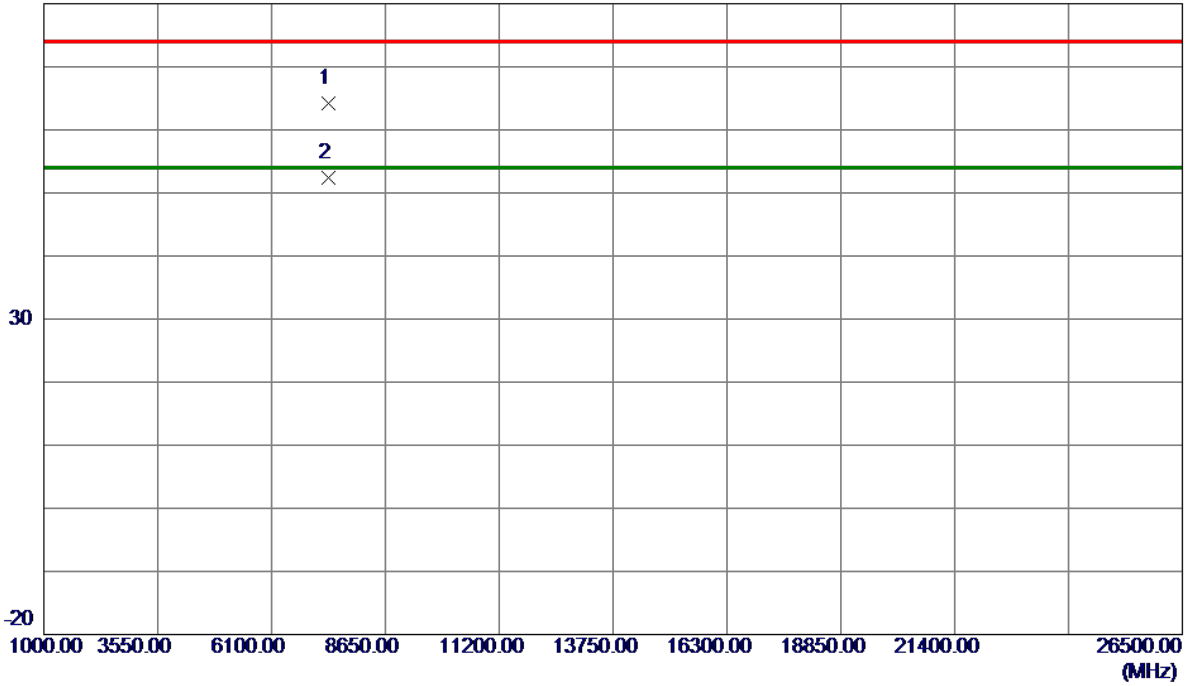
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2456.3500	91.83	10.00	101.83	74.00	27.83	Peak	No Limit
2 *	2459.2000	82.48	10.00	92.48	54.00	38.48	AVG	No Limit
3	2483.5000	39.99	10.01	50.00	74.00	-24.00	Peak	
4	2483.5000	30.19	10.01	40.20	54.00	-13.80	AVG	

**REMARKS:**

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

Test Mode	TX N(HT20) Mode 2457 MHz	Polarization	Horizontal
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80 dBuV/m

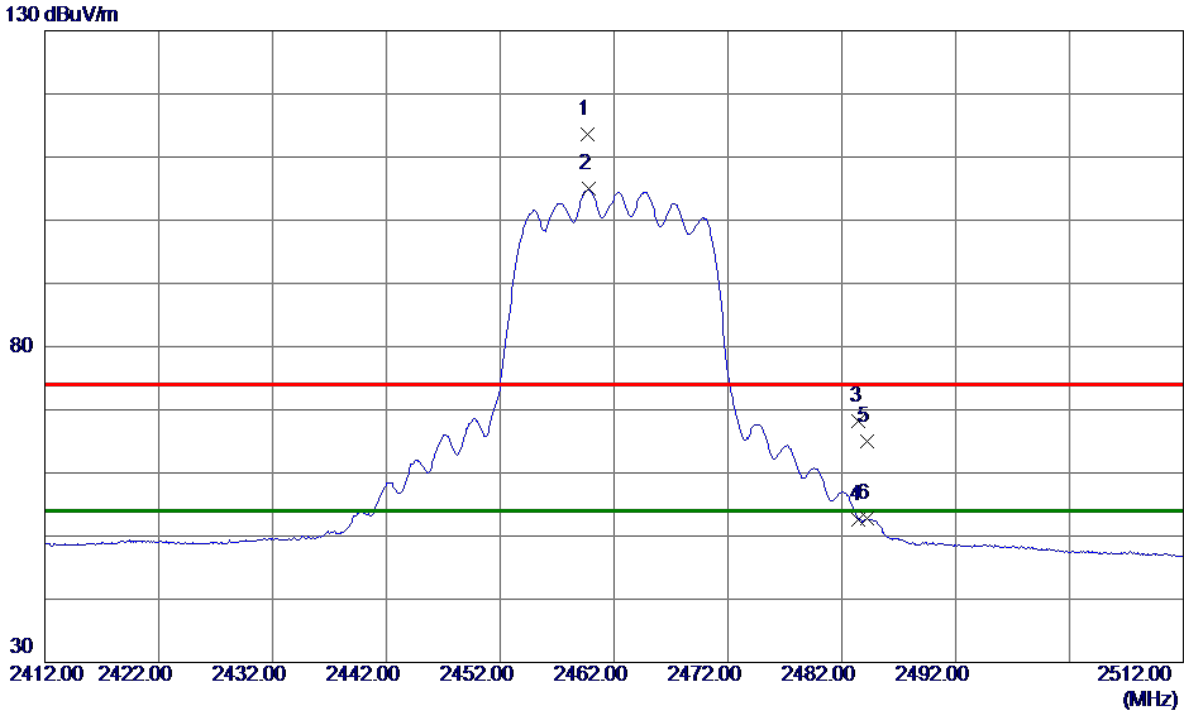


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7368.8150	53.50	10.77	64.27	74.00	-9.73	Peak	
2 *	7371.2600	41.72	10.77	52.49	54.00	-1.51	AVG	

REMARKS:

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

Test Mode	TX N(HT20) Mode 2462 MHz	Polarization	Vertical
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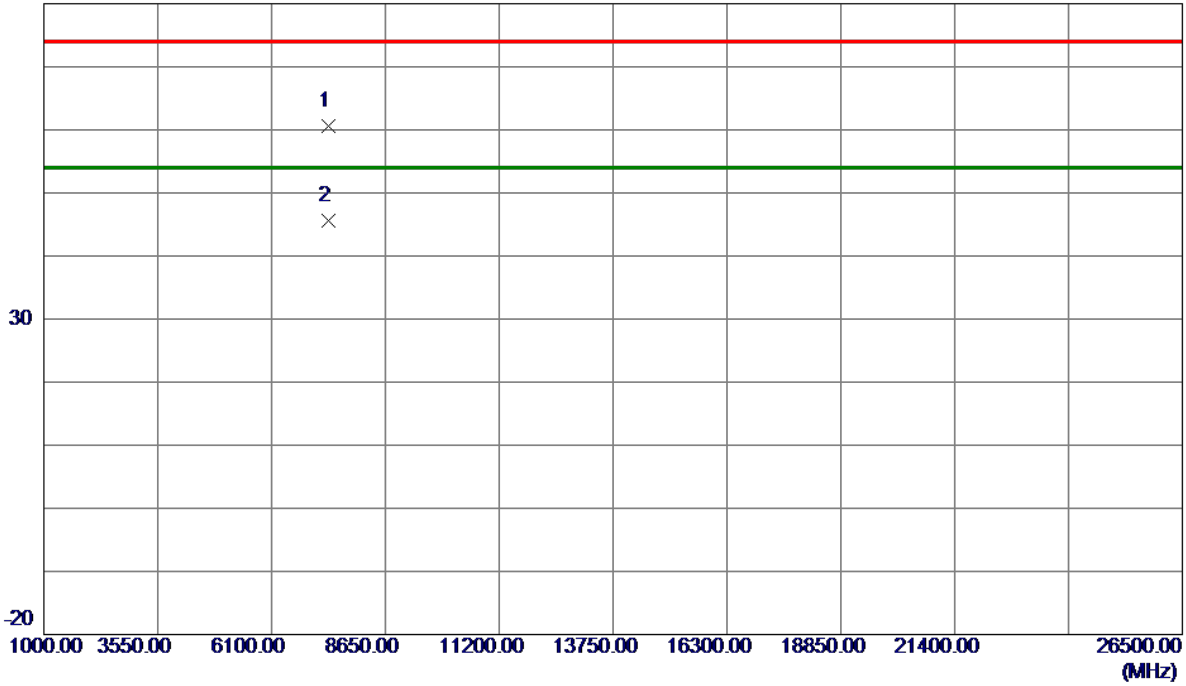
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2459.7000	103.52	10.00	113.52	74.00	39.52	Peak	No Limit
2 *	2459.7500	94.90	10.00	104.90	54.00	50.90	AVG	No Limit
3	2483.5000	58.10	10.01	68.11	74.00	-5.89	Peak	
4	2483.5000	42.55	10.01	52.56	54.00	-1.44	AVG	
5	2484.2500	55.08	10.01	65.09	74.00	-8.91	Peak	
6	2484.2500	42.70	10.01	52.71	54.00	-1.29	AVG	

**REMARKS:**

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

Test Mode	TX N(HT20) Mode 2462 MHz	Polarization	Vertical
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80 dBuV/m

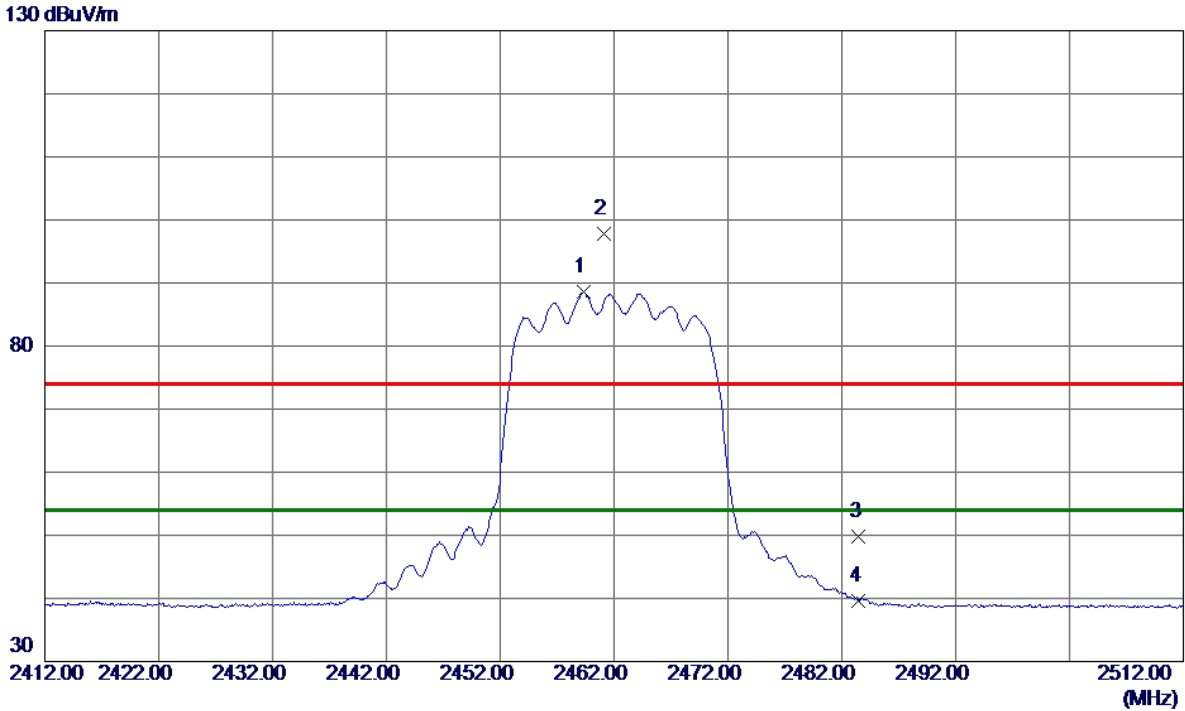


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7380.9200	47.95	12.59	60.54	74.00	-13.46	Peak	
2 *	7383.3400	32.93	12.59	45.52	54.00	-8.48	AVG	

**REMARKS:**

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

Test Mode	TX N(HT20) Mode 2462 MHz	Polarization	Horizontal
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No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2459.3500	78.55	10.00	88.55	54.00	34.55	AVG	No Limit
2	2461.1500	87.71	10.00	97.71	74.00	23.71	Peak	No Limit
3	2483.5000	39.81	10.01	49.82	74.00	-24.18	Peak	
4	2483.5000	29.60	10.01	39.61	54.00	-14.39	AVG	

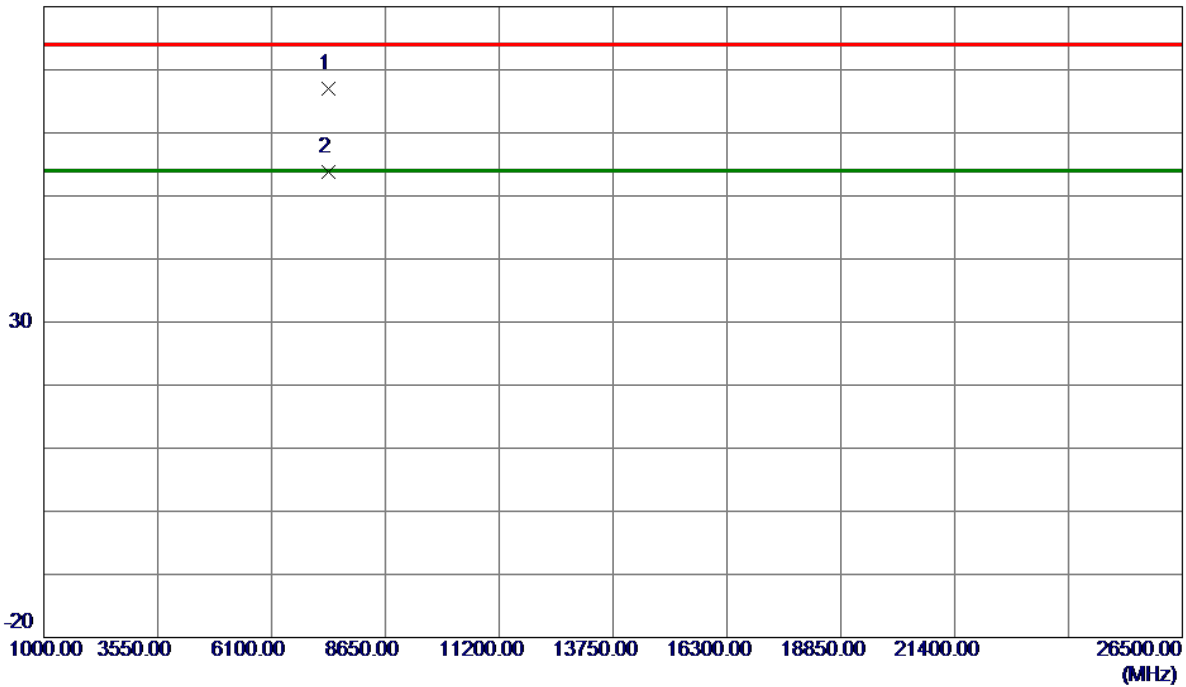
**REMARKS:**

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



Test Mode	TX N(HT20) Mode 2462 MHz	Polarization	Horizontal
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80 dBuV/m

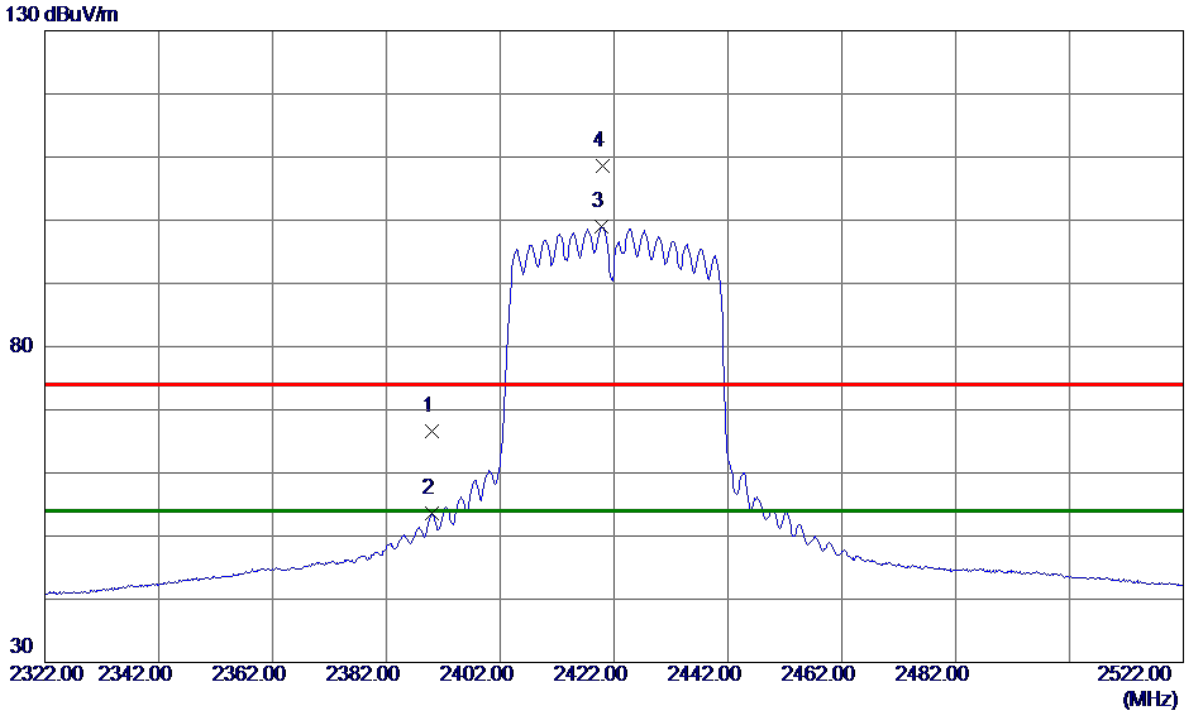


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7384.6700	54.34	12.59	66.93	74.00	-7.07	Peak	
2 *	7386.8400	41.23	12.60	53.83	54.00	-0.17	AVG	

REMARKS:

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

Test Mode	TX N(HT40) Mode 2422 MHz	Polarization	Vertical
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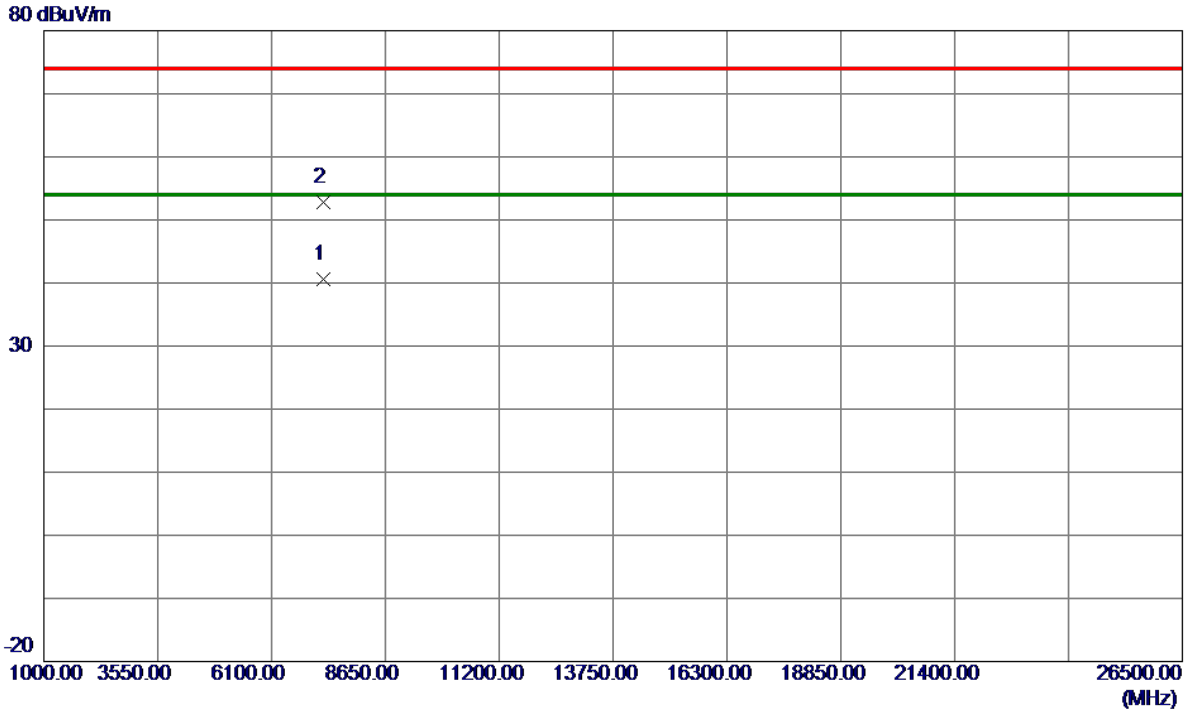


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	56.53	9.98	66.51	74.00	-7.49	Peak	
2	2390.0000	43.54	9.98	53.52	54.00	-0.48	AVG	
3 *	2419.8000	89.06	9.99	99.05	54.00	45.05	AVG	No Limit
4	2420.0000	98.65	9.99	108.64	74.00	34.64	Peak	No Limit

**REMARKS:**

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

Test Mode	TX N(HT40) Mode 2422 MHz	Polarization	Vertical
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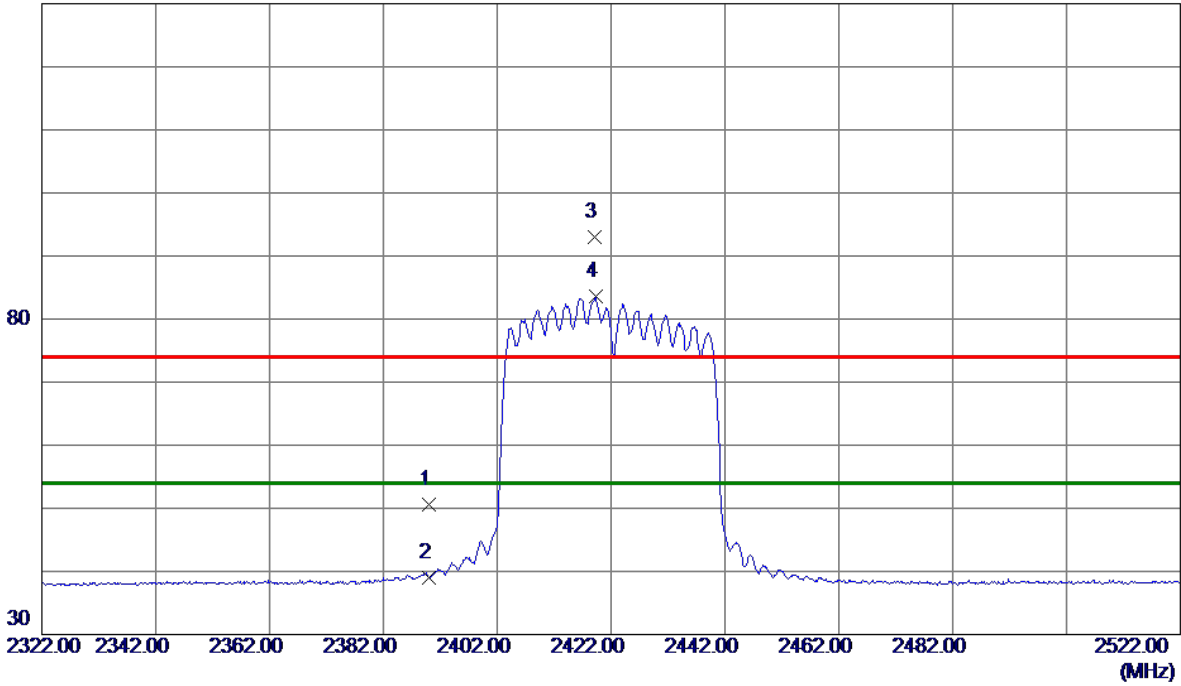
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7260.9700	28.05	12.46	40.51	54.00	-13.49	AVG	
2	7271.2900	40.31	12.47	52.78	74.00	-21.22	Peak	

**REMARKS:**

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

Test Mode	TX N(HT40) Mode 2422 MHz	Polarization	Horizontal
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130 dBuV/m



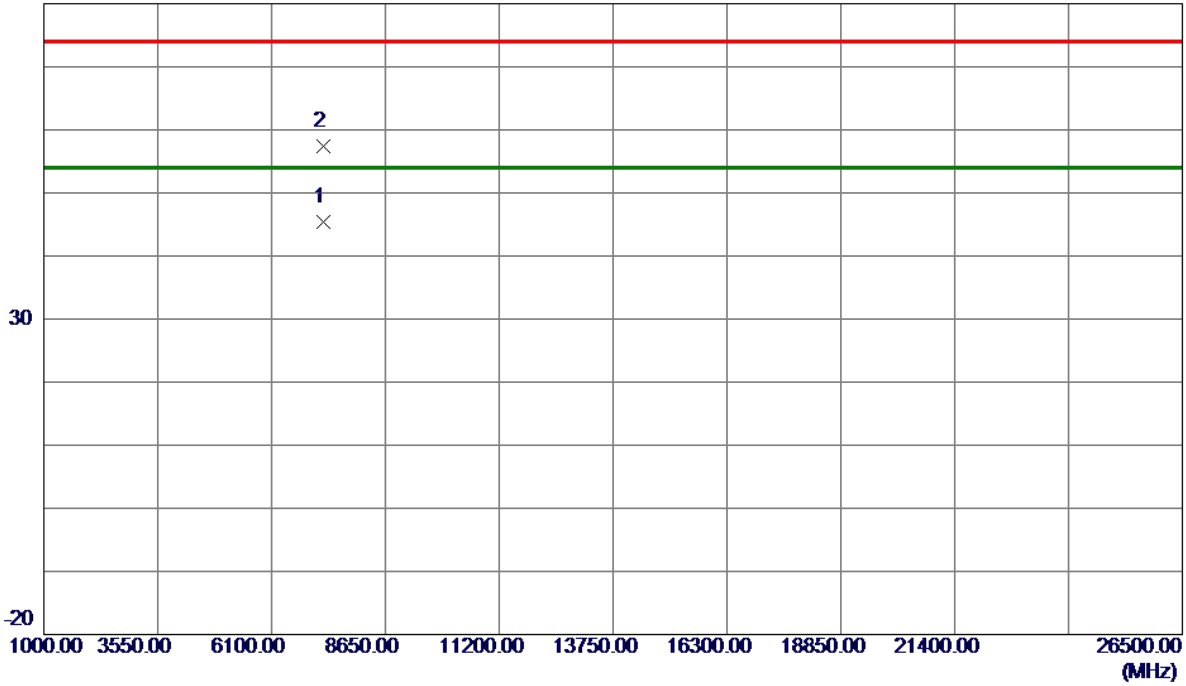
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	40.68	9.98	50.66	74.00	-23.34	Peak	
2	2390.0000	29.08	9.98	39.06	54.00	-14.94	AVG	
3	2419.1000	82.97	9.99	92.96	74.00	18.96	Peak	No Limit
4 *	2419.3000	73.57	9.99	83.56	54.00	29.56	AVG	No Limit

**REMARKS:**

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

Test Mode	TX N(HT40) Mode 2422 MHz	Polarization	Horizontal
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80 dBuV/m

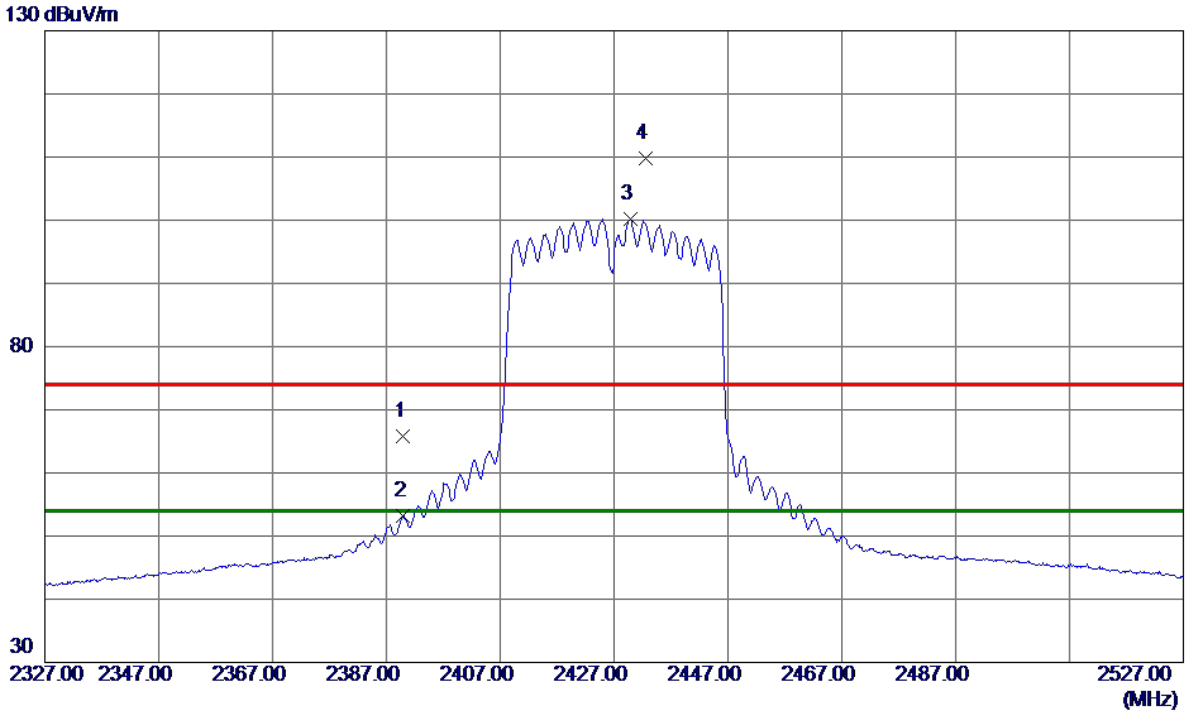


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7267.4300	32.96	12.46	45.42	54.00	-8.58	AVG	
2	7269.2500	45.01	12.47	57.48	74.00	-16.52	Peak	

REMARKS:

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

Test Mode	TX N(HT40) Mode 2427 MHz	Polarization	Vertical
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No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	55.91	9.98	65.89	74.00	-8.11	Peak	
2	2390.0000	43.19	9.98	53.17	54.00	-0.83	AVG	
3 *	2429.8000	90.15	9.99	100.14	54.00	46.14	AVG	No Limit
4	2432.6000	99.78	9.99	109.77	74.00	35.77	Peak	No Limit

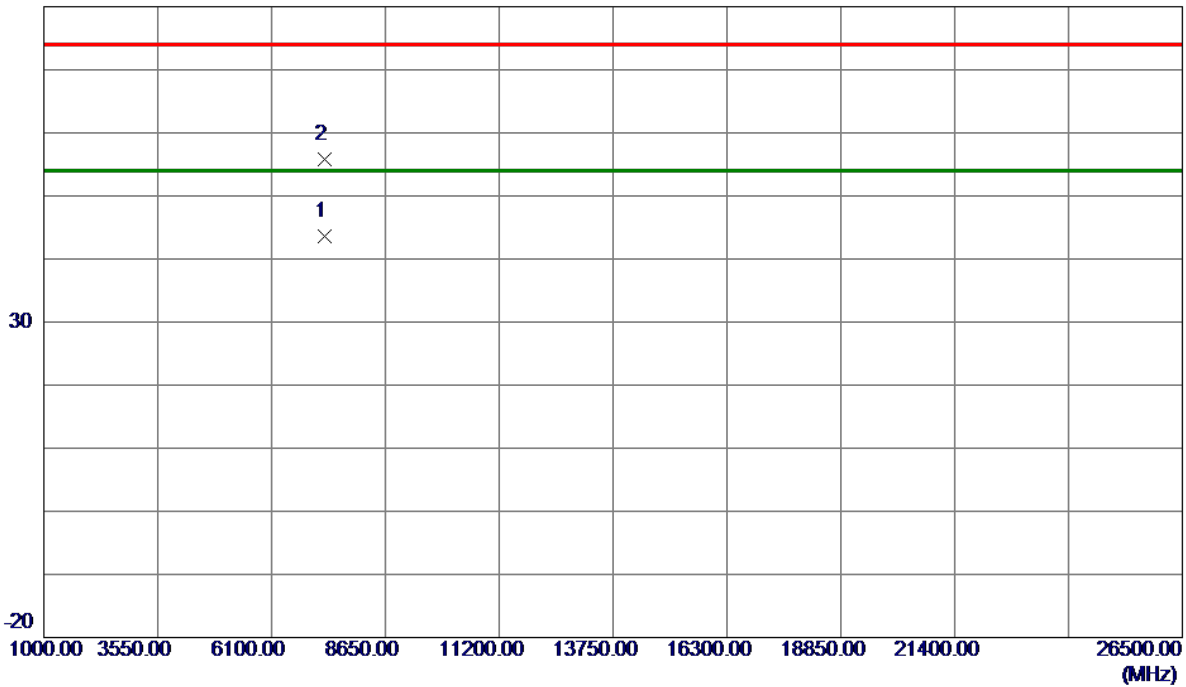
**REMARKS:**

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

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

Test Mode	TX N(HT40) Mode 2427 MHz	Polarization	Vertical
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80 dBuV/m



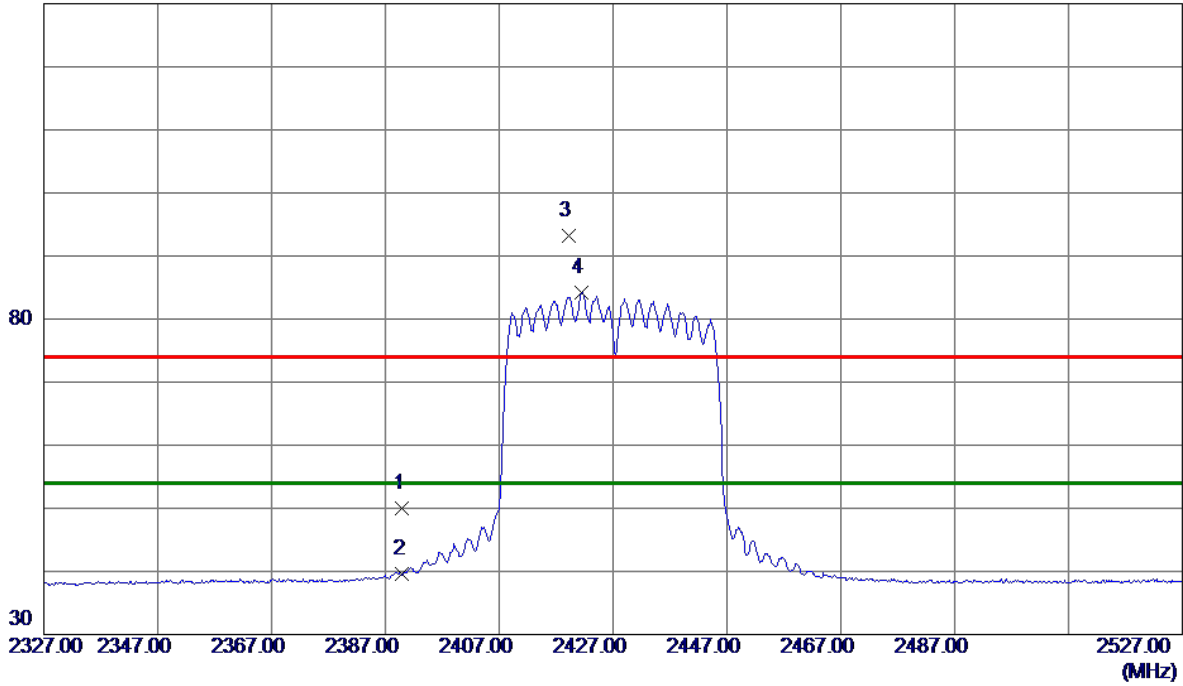
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7278.6500	31.15	12.48	43.63	54.00	-10.37	AVG	
2	7286.4100	43.32	12.48	55.80	74.00	-18.20	Peak	

REMARKS:

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

Test Mode	TX N(HT40) Mode 2427 MHz	Polarization	Horizontal
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130 dBuV/m



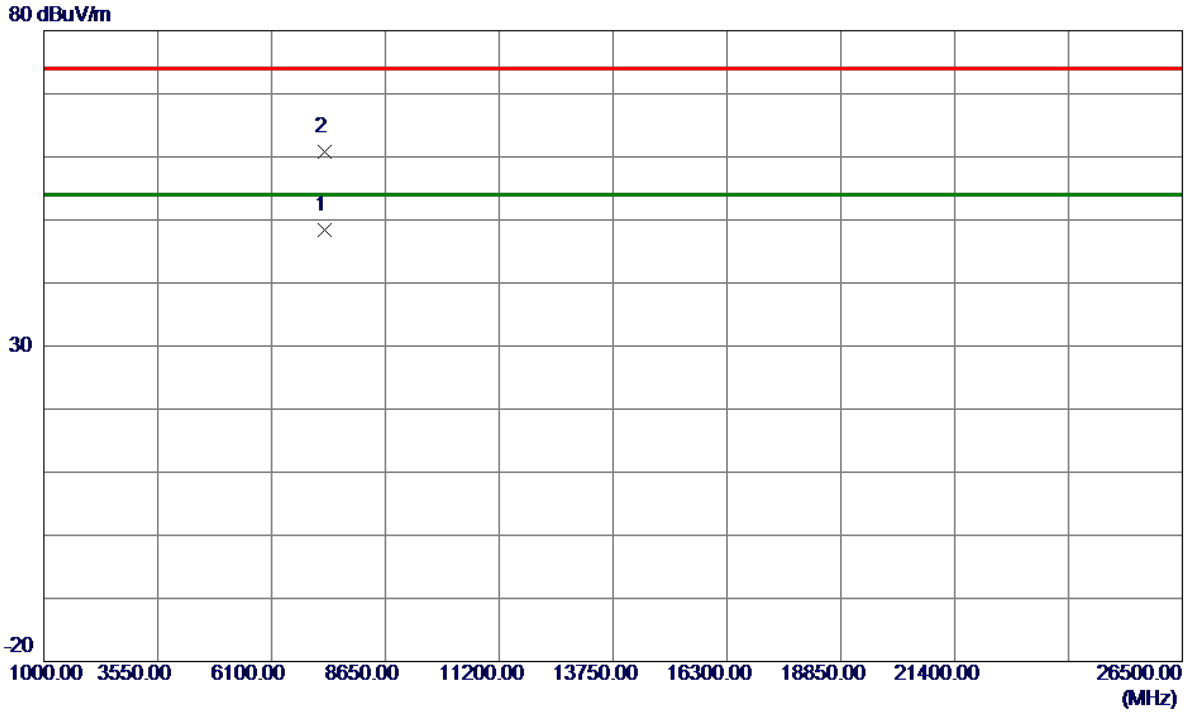
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	40.10	9.98	50.08	74.00	-23.92	Peak	
2	2390.0000	29.67	9.98	39.65	54.00	-14.35	AVG	
3	2419.3000	83.24	9.99	93.23	74.00	19.23	Peak	No Limit
4 *	2421.5000	74.15	9.99	84.14	54.00	30.14	AVG	No Limit

**REMARKS:**

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



Test Mode	TX N(HT40) Mode 2427 MHz	Polarization	Horizontal
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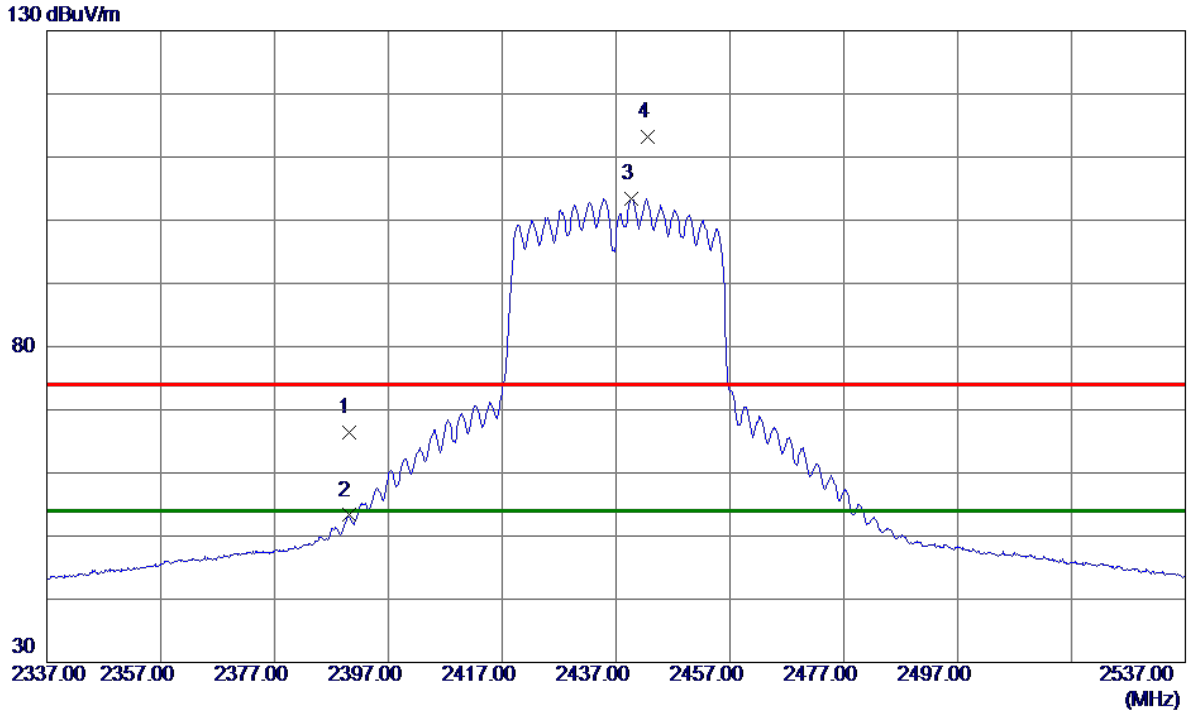


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7282.1800	35.86	12.48	48.34	54.00	-5.66	AVG	
2	7284.1300	48.30	12.48	60.78	74.00	-13.22	Peak	

**REMARKS:**

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

Test Mode	TX N(HT40) Mode 2437 MHz	Polarization	Vertical
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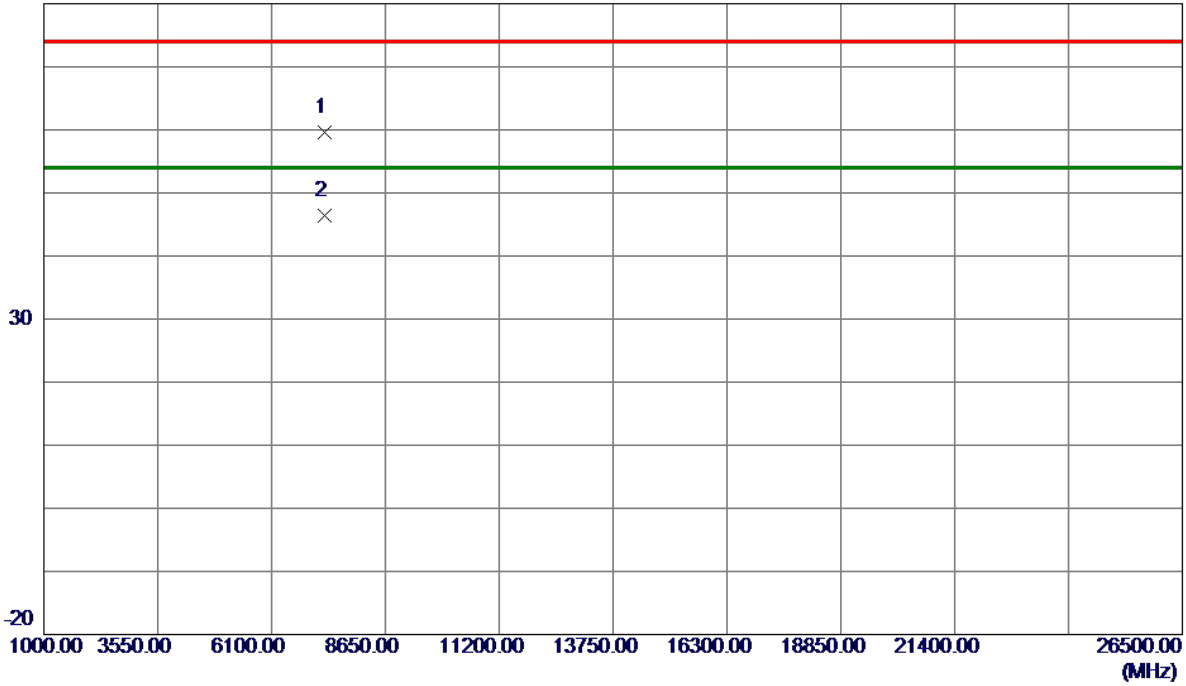
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	56.46	9.98	66.44	74.00	-7.56	Peak	
2	2390.0000	43.32	9.98	53.30	54.00	-0.70	AVG	
3 *	2439.7000	93.46	10.00	103.46	54.00	49.46	AVG	No Limit
4	2442.5000	103.11	10.00	113.11	74.00	39.11	Peak	No Limit

**REMARKS:**

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

Test Mode	TX N(HT40) Mode 2437 MHz	Polarization	Vertical
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80 dBuV/m

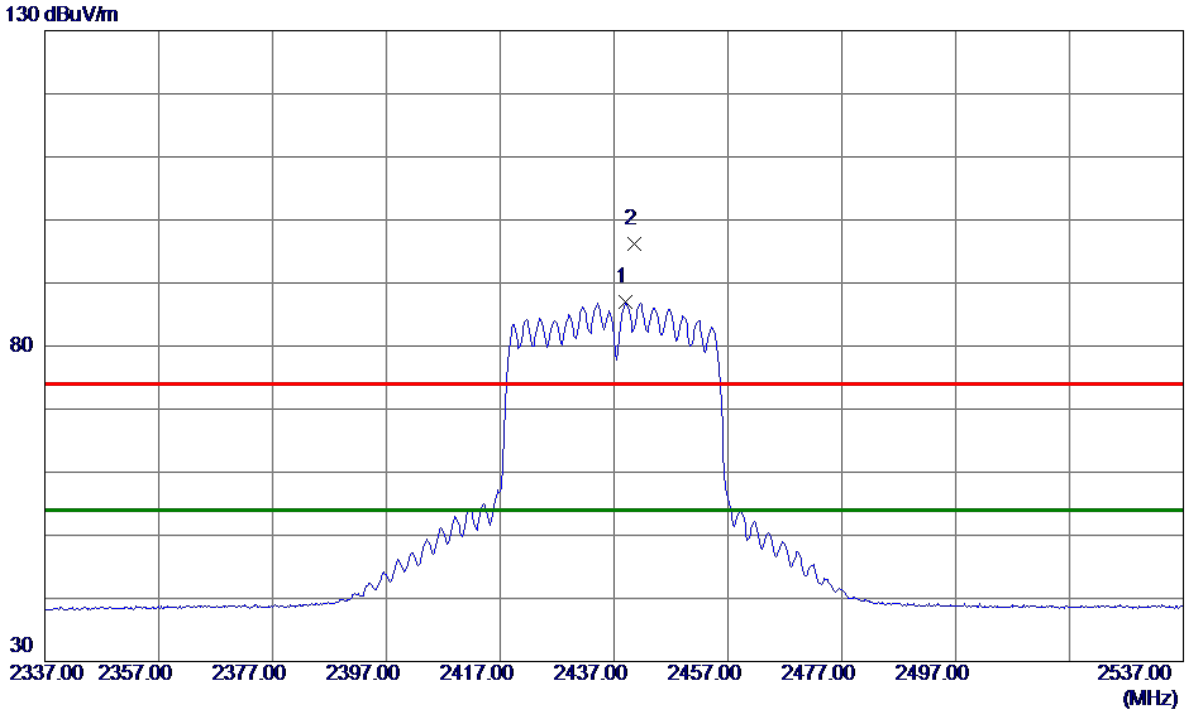


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7301.5200	47.14	12.50	59.64	74.00	-14.36	Peak	
2 *	7303.4500	33.89	12.50	46.39	54.00	-7.61	AVG	

REMARKS:

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

Test Mode	TX N(HT40) Mode 2437 MHz	Polarization	Horizontal
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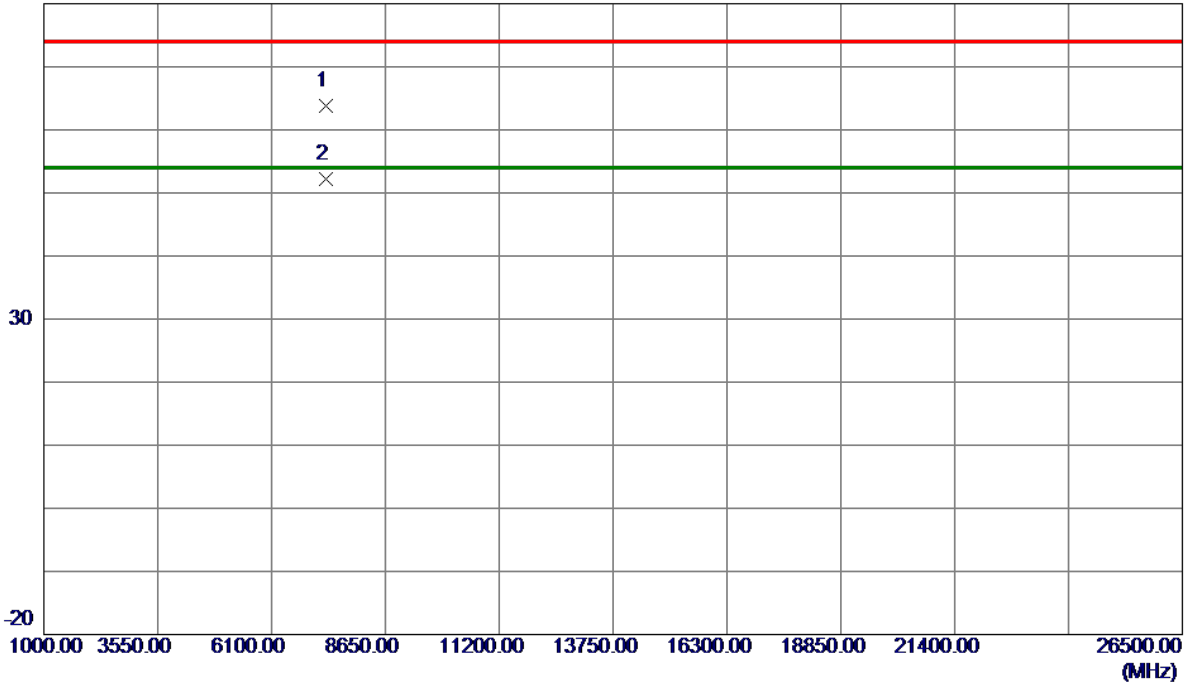
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2439.0000	76.90	10.00	86.90	54.00	32.90	AVG	No Limit
2	2440.6000	86.26	10.00	96.26	74.00	22.26	Peak	No Limit

**REMARKS:**

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

Test Mode	TX N(HT40) Mode 2437 MHz	Polarization	Horizontal
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80 dBuV/m

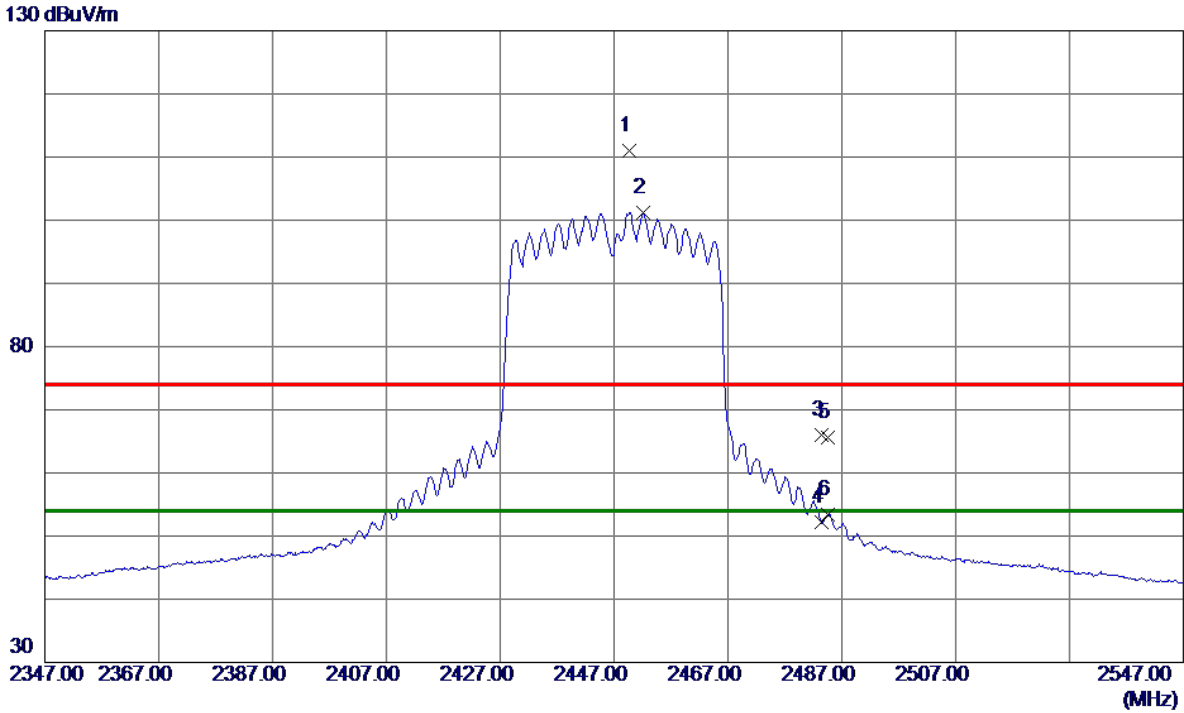


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7312.2750	53.15	10.70	63.85	74.00	-10.15	Peak	
2 *	7312.5230	41.43	10.70	52.13	54.00	-1.87	AVG	

REMARKS:

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

Test Mode	TX N(HT40) Mode 2447 MHz	Polarization	Vertical
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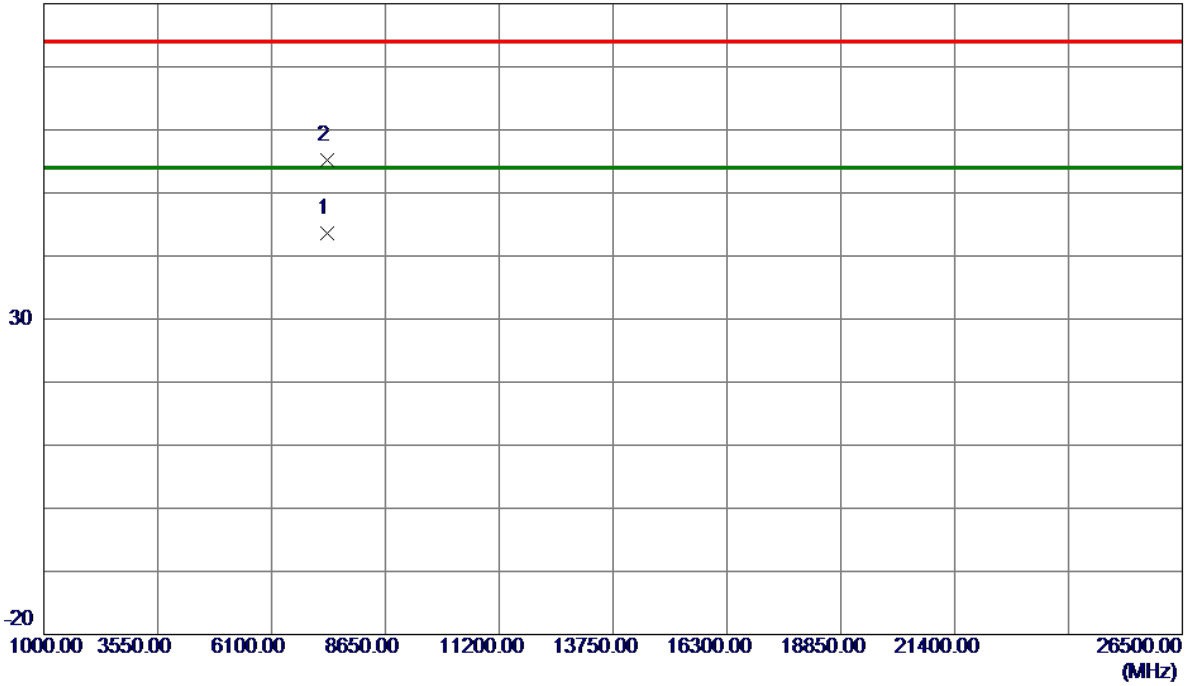
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2449.7000	100.93	10.00	110.93	74.00	36.93	Peak	No Limit
2 *	2452.1000	91.29	10.00	101.29	54.00	47.29	AVG	No Limit
3	2483.5000	56.02	10.01	66.03	74.00	-7.97	Peak	
4	2483.5000	42.19	10.01	52.20	54.00	-1.80	AVG	
5	2484.6000	55.68	10.01	65.69	74.00	-8.31	Peak	
6	2484.6000	43.43	10.01	53.44	54.00	-0.56	AVG	

**REMARKS:**

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

Test Mode	TX N(HT40) Mode 2447 MHz	Polarization	Vertical
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80 dBuV/m



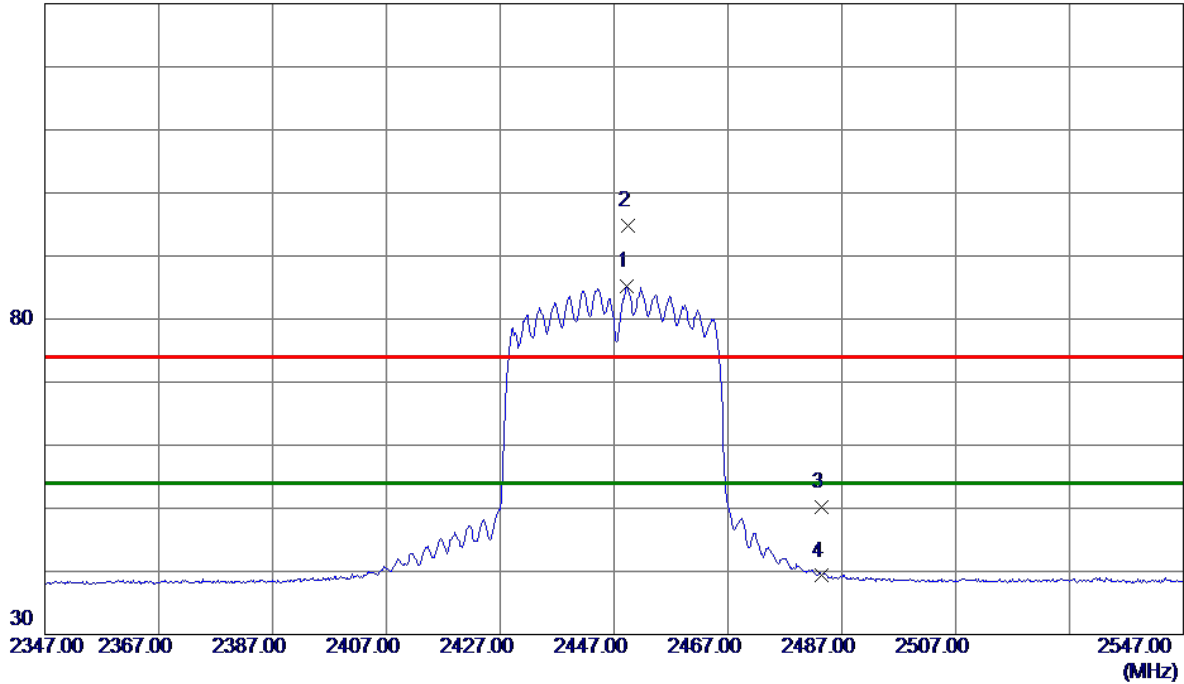
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7333.6500	30.98	12.54	43.52	54.00	-10.48	AVG	
2	7335.6200	42.57	12.54	55.11	74.00	-18.89	Peak	

REMARKS:

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

Test Mode	TX N(HT40) Mode 2447 MHz	Polarization	Horizontal
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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 *	2449.2000	75.20	10.00	85.20	54.00	31.20	AVG	No Limit
2	2449.4000	84.75	10.00	94.75	74.00	20.75	Peak	No Limit
3	2483.5000	40.27	10.01	50.28	74.00	-23.72	Peak	
4	2483.5000	29.29	10.01	39.30	54.00	-14.70	AVG	

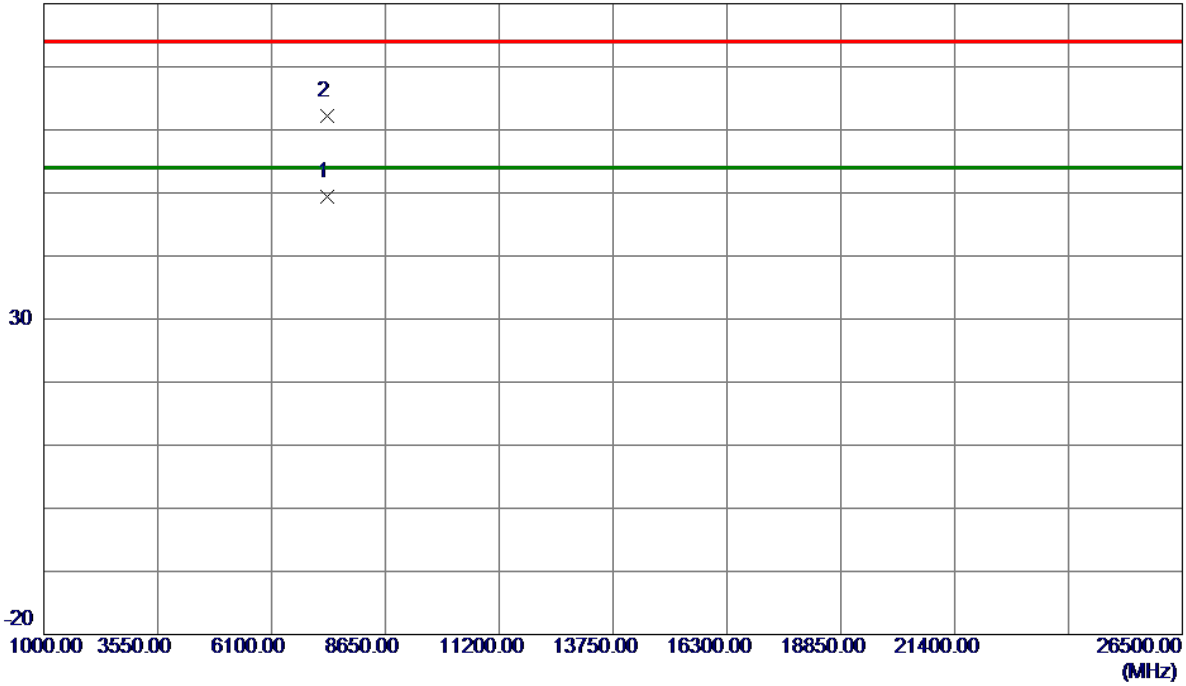
**REMARKS:**

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



Test Mode	TX N(HT40) Mode 2447 MHz	Polarization	Horizontal
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80 dBuV/m

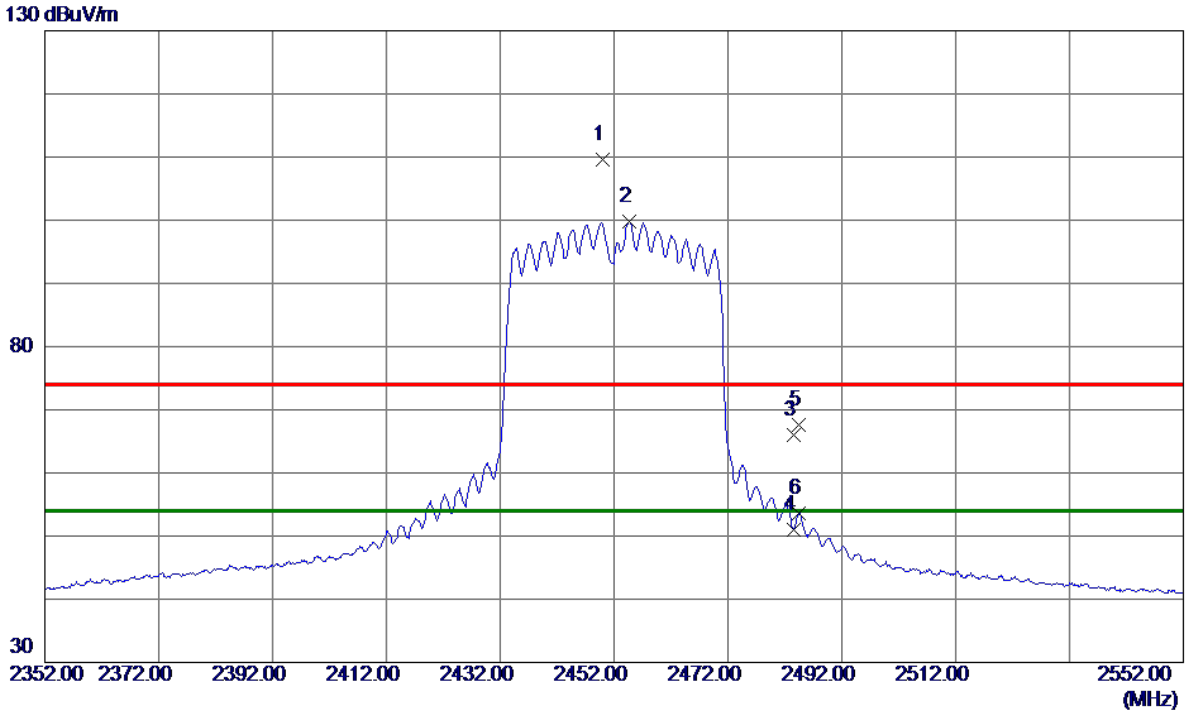


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7334.6200	36.87	12.54	49.41	54.00	-4.59	AVG	
2	7336.9000	49.57	12.54	62.11	74.00	-11.89	Peak	

REMARKS:

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

Test Mode	TX N(HT40) Mode 2452 MHz	Polarization	Vertical
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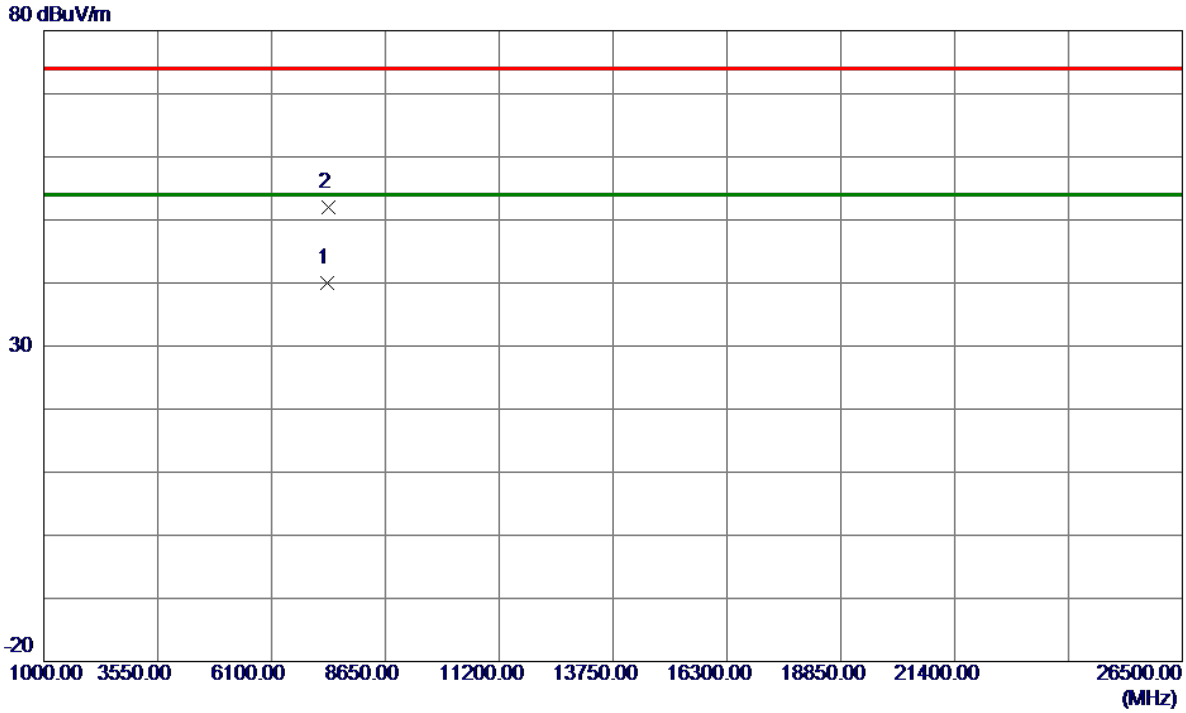


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2450.0000	99.69	10.00	109.69	74.00	35.69	Peak	No Limit
2 *	2454.6000	89.87	10.00	99.87	54.00	45.87	AVG	No Limit
3	2483.5000	56.03	10.01	66.04	74.00	-7.96	Peak	
4	2483.5000	41.05	10.01	51.06	54.00	-2.94	AVG	
5	2484.5000	57.61	10.01	67.62	74.00	-6.38	Peak	
6	2484.5000	43.61	10.01	53.62	54.00	-0.38	AVG	

**REMARKS:**

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

Test Mode	TX N(HT40) Mode 2452 MHz	Polarization	Vertical
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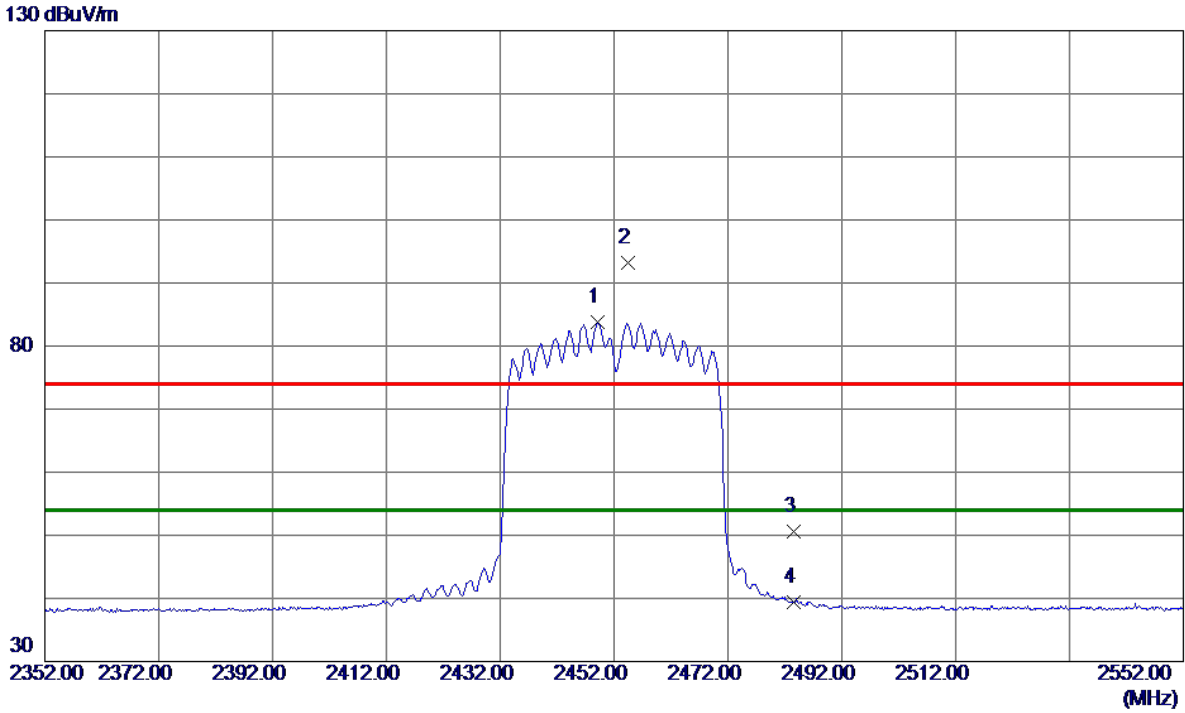


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7358.5800	27.43	12.56	39.99	54.00	-14.01	AVG	
2	7361.5000	39.42	12.57	51.99	74.00	-22.01	Peak	

**REMARKS:**

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

Test Mode	TX N(HT40) Mode 2452 MHz	Polarization	Horizontal
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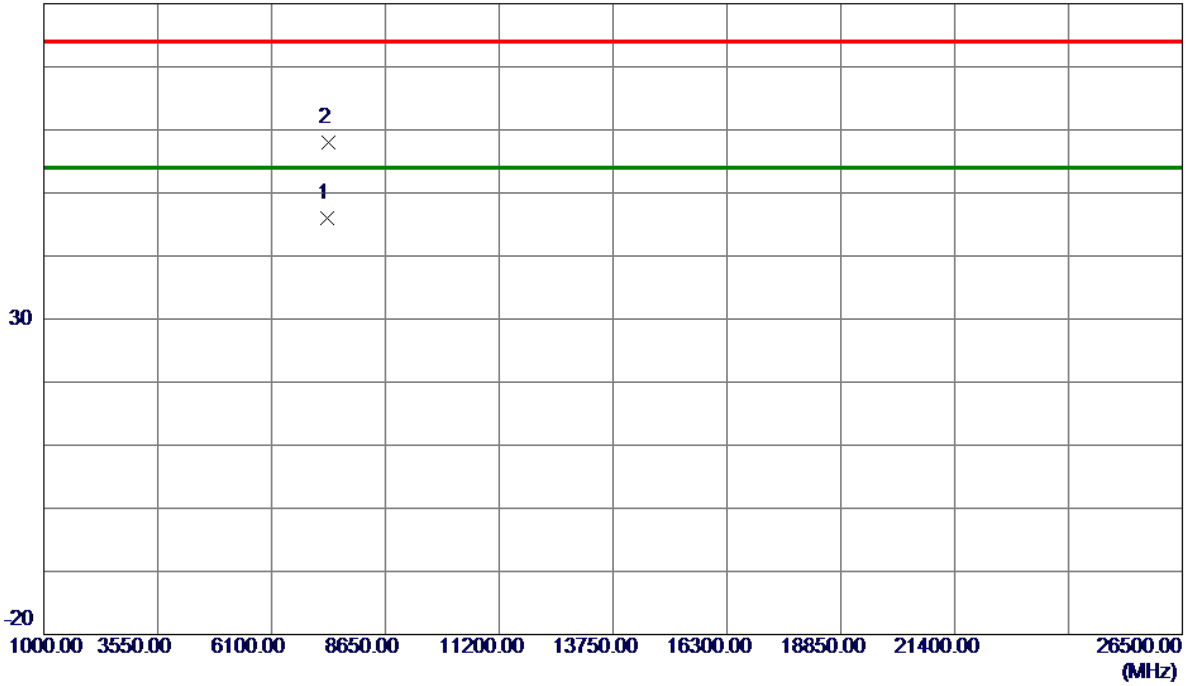
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2449.2000	73.72	10.00	83.72	54.00	29.72	AVG	No Limit
2	2454.4000	83.14	10.00	93.14	74.00	19.14	Peak	No Limit
3	2483.5000	40.59	10.01	50.60	74.00	-23.40	Peak	
4	2483.5000	29.43	10.01	39.44	54.00	-14.56	AVG	

**REMARKS:**

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

Test Mode	TX N(HT40) Mode 2452 MHz	Polarization	Horizontal
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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 *	7359.4700	33.51	12.57	46.08	54.00	-7.92	AVG	
2	7364.0000	45.37	12.57	57.94	74.00	-16.06	Peak	

REMARKS:

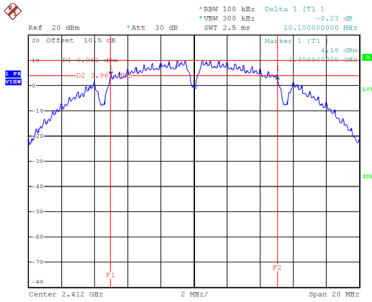
- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

## APPENDIX E - BANDWIDTH

Test Mode	TX B Mode
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Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
01	2412	10.10	14.80	0.50	Complies
06	2437	10.10	14.72	0.50	Complies
11	2462	10.10	14.72	0.50	Complies

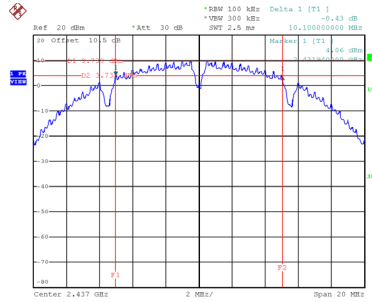
**CH01**



Date: 27.SEP.2021 10:04:17

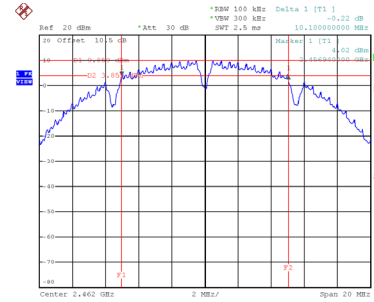
**CH06**

**6 dB Bandwidth**



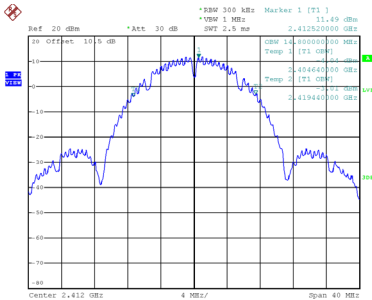
Date: 27.SEP.2021 10:05:19

**CH11**

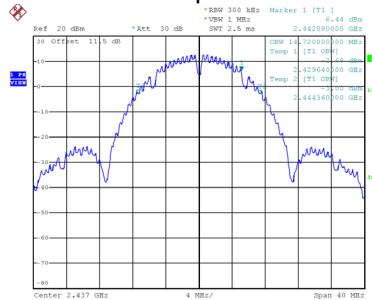


Date: 27.SEP.2021 10:06:04

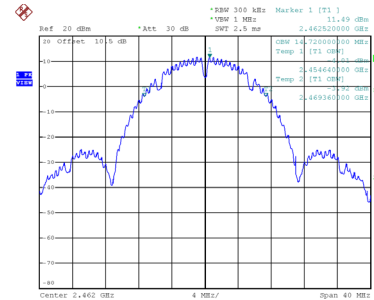
**99 % Occupied Bandwidth**



Date: 27.SEP.2021 10:04:25



Date: 30.SEP.2021 14:23:21

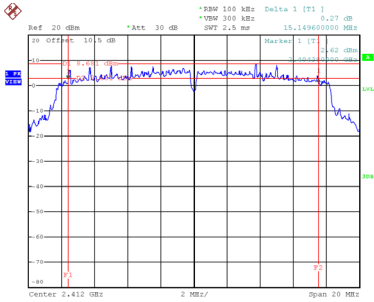


Date: 27.SEP.2021 10:06:11

Test Mode	TX G Mode
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Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
01	2412	15.15	17.12	0.50	Complies
06	2437	15.12	17.28	0.50	Complies
11	2462	15.12	17.60	0.50	Complies

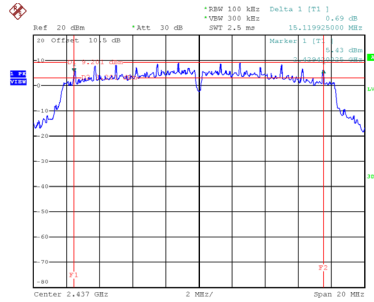
**CH01**



Date: 27\_SEP\_2021 10:07:52

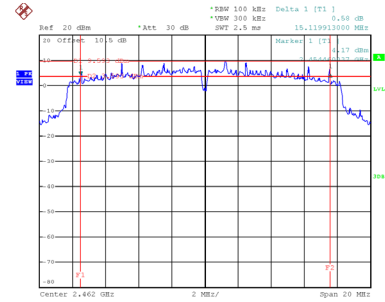
**CH06**

**6 dB Bandwidth**



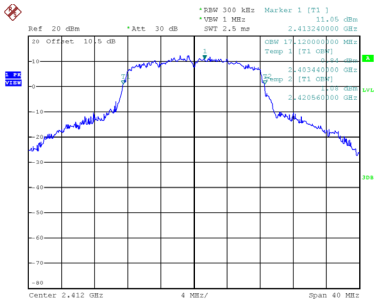
Date: 27\_SEP\_2021 10:08:41

**CH11**

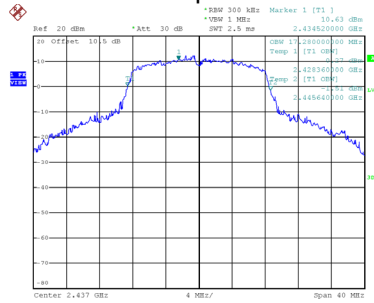


Date: 27\_SEP\_2021 10:09:32

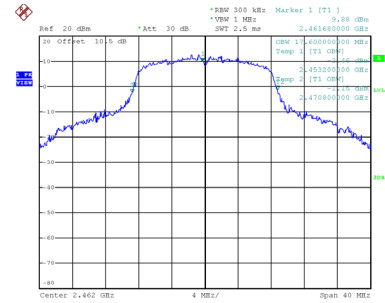
**99 % Occupied Bandwidth**



Date: 27\_SEP\_2021 10:07:59



Date: 27\_SEP\_2021 10:08:48



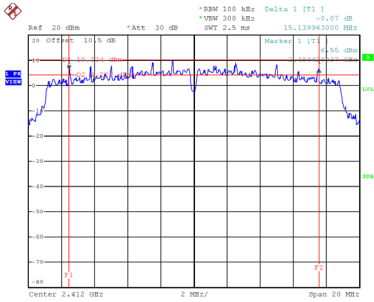
Date: 27\_SEP\_2021 10:09:39



Test Mode	TX N(HT20) Mode
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Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
01	2412	15.14	18.48	0.50	Complies
06	2437	15.16	18.56	0.50	Complies
11	2462	14.24	18.56	0.50	Complies

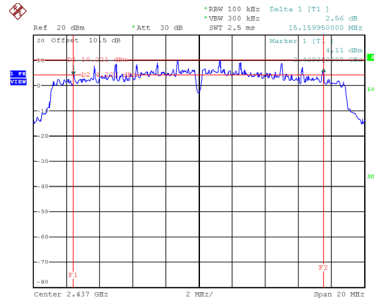
**CH01**



Date: 27\_SEP\_2021 10:10:34

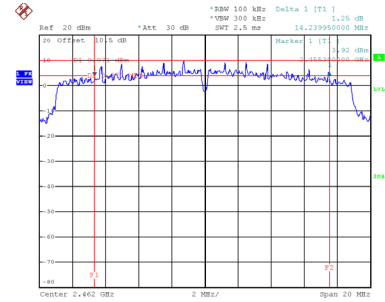
**CH06**

**6 dB Bandwidth**



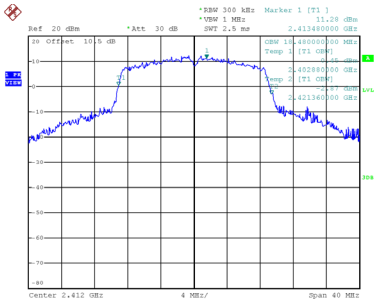
Date: 27\_SEP\_2021 10:11:11

**CH11**

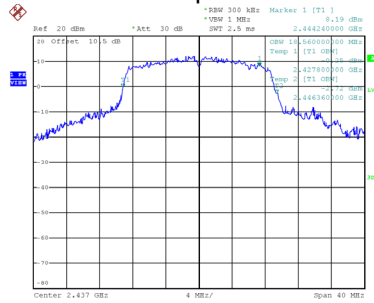


Date: 27\_SEP\_2021 10:11:55

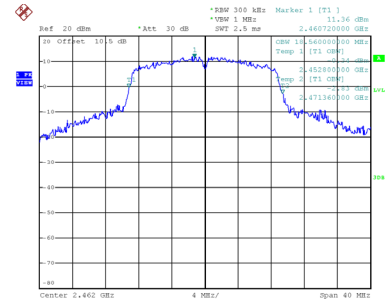
**99 % Occupied Bandwidth**



Date: 27\_SEP\_2021 10:10:41



Date: 27\_SEP\_2021 10:11:18

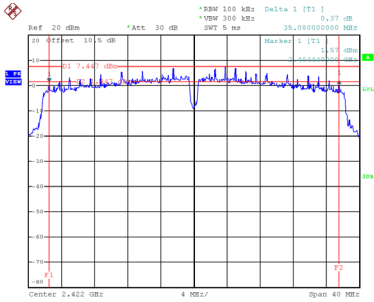


Date: 27\_SEP\_2021 10:12:02

Test Mode	TX N(HT40) Mode
-----------	-----------------

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
03	2422	35.08	37.12	0.50	Complies
06	2437	35.24	37.44	0.50	Complies
09	2452	35.08	37.44	0.50	Complies

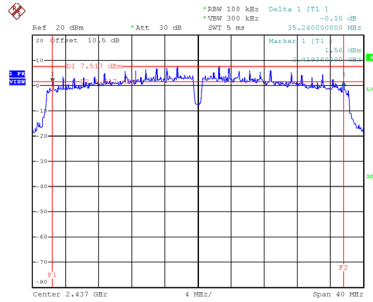
**CH03**



Date: 27.SEP.2021 10:12:48

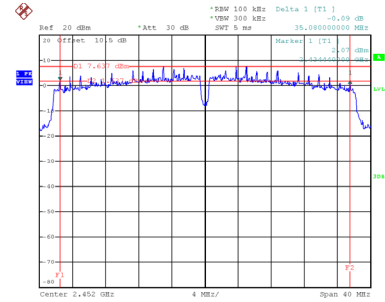
**CH06**

**6 dB Bandwidth**



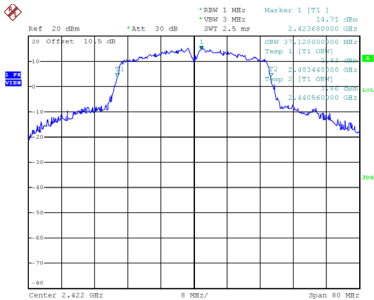
Date: 27.SEP.2021 10:13:21

**CH09**

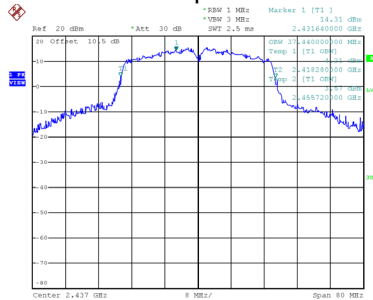


Date: 27.SEP.2021 10:13:53

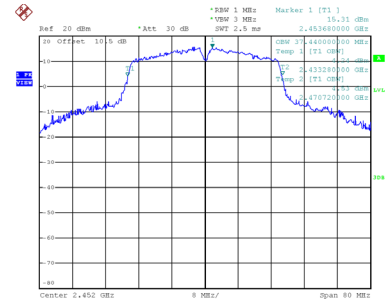
**99 % Occupied Bandwidth**



Date: 27.SEP.2021 10:12:55



Date: 27.SEP.2021 10:13:28



Date: 27.SEP.2021 10:14:00

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

Test Mode	TX B Mode_Ant. 1
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Channel	Frequency (MHz)	Average Output Power (dBm)	Duty Factor	Average Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	19.17	0.00	19.17	30.00	1.0000	Complies
06	2437	19.01	0.00	19.01	30.00	1.0000	Complies
11	2462	19.55	0.00	19.55	30.00	1.0000	Complies

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

Channel	Frequency (MHz)	Average Output Power (dBm)	Duty Factor	Average Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	19.48	0.00	19.48	30.00	1.0000	Complies
06	2437	19.58	0.00	19.58	30.00	1.0000	Complies
11	2462	19.63	0.00	19.63	30.00	1.0000	Complies

Test Mode	TX B Mode_Total
-----------	-----------------

Channel	Frequency (MHz)	Average Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	22.34	30.00	1.0000	Complies
06	2437	22.31	30.00	1.0000	Complies
11	2462	22.60	30.00	1.0000	Complies

Test Mode	TX G Mode_Ant. 1
-----------	------------------

Channel	Frequency (MHz)	Average Output Power (dBm)	Duty Factor	Average Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	16.49	0.37	16.86	30.00	1.0000	Complies
06	2437	18.53	0.37	18.90	30.00	1.0000	Complies
11	2462	17.15	0.37	17.52	30.00	1.0000	Complies

Test Mode	TX G Mode_Ant. 2
-----------	------------------

Channel	Frequency (MHz)	Average Output Power (dBm)	Duty Factor	Average Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	16.88	0.37	17.25	30.00	1.0000	Complies
06	2437	19.42	0.37	19.79	30.00	1.0000	Complies
11	2462	17.11	0.37	17.48	30.00	1.0000	Complies

Test Mode	TX G Mode_Total
-----------	-----------------

Channel	Frequency (MHz)	Average Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	20.07	30.00	1.0000	Complies
06	2437	22.38	30.00	1.0000	Complies
11	2462	20.51	30.00	1.0000	Complies

Test Mode	TX N(HT20) Mode_Ant. 1
-----------	------------------------

Channel	Frequency (MHz)	Average Output Power (dBm)	Duty Factor	Average Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	12.35	0.16	12.51	30.00	1.0000	Complies
06	2437	18.45	0.16	18.61	30.00	1.0000	Complies
11	2462	13.44	0.16	13.60	30.00	1.0000	Complies

Test Mode	TX N(HT20) Mode_Ant. 2
-----------	------------------------

Channel	Frequency (MHz)	Average Output Power (dBm)	Duty Factor	Average Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	12.33	0.16	12.49	30.00	1.0000	Complies
06	2437	19.34	0.16	19.50	30.00	1.0000	Complies
11	2462	13.56	0.16	13.72	30.00	1.0000	Complies

Test Mode	TX N(HT20) Mode_Total
-----------	-----------------------

Channel	Frequency (MHz)	Average Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	15.51	30.00	1.0000	Complies
06	2437	22.08	30.00	1.0000	Complies
11	2462	16.67	30.00	1.0000	Complies

Test Mode	TX N(HT40) Mode_Ant. 1
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Channel	Frequency (MHz)	Average Output Power (dBm)	Duty Factor	Average Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	11.82	0.56	12.38	30.00	1.0000	Complies
06	2437	16.79	0.56	17.35	30.00	1.0000	Complies
09	2452	11.95	0.56	12.51	30.00	1.0000	Complies

Test Mode	TX N(HT40) Mode_Ant. 2
-----------	------------------------

Channel	Frequency (MHz)	Average Output Power (dBm)	Duty Factor	Average Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	11.53	0.56	12.09	30.00	1.0000	Complies
06	2437	17.51	0.56	18.07	30.00	1.0000	Complies
09	2452	11.92	0.56	12.48	30.00	1.0000	Complies

Test Mode	TX N(HT40) Mode_Total
-----------	-----------------------

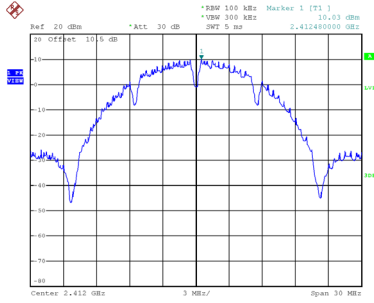
Channel	Frequency (MHz)	Average Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	15.25	30.00	1.0000	Complies
06	2437	20.74	30.00	1.0000	Complies
09	2452	15.51	30.00	1.0000	Complies

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



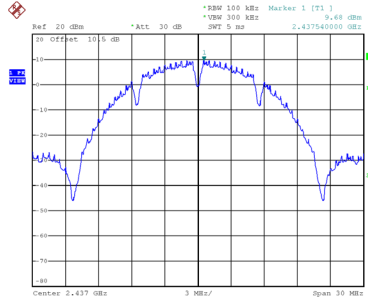
Test Mode TX B Mode\_Ant. 1

### Reference Level-CH01



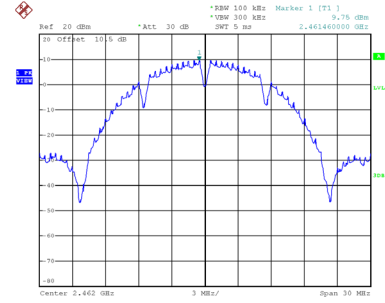
Date: 27\_SEP.2021 12:00:42

### Reference Level-CH06



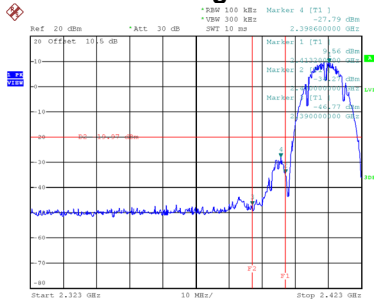
Date: 27\_SEP.2021 13:37:45

### Reference Level-CH11



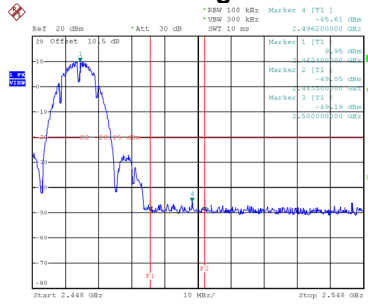
Date: 27\_SEP.2021 13:38:00

### Bandedge-CH01



Date: 27\_SEP.2021 15:20:18

### Bandedge-CH11



Date: 27\_SEP.2021 15:22:15