



# FCC Radio Test Report

## FCC ID: 2BCGWEAP610GPDT

This report concerns: Original Grant

**Project No.** : 2401G094  
**Equipment** : AX1800 Desktop Wi-Fi 6 GPON Access Point  
**Brand Name** : tp-link  
**Test Model** : EAP610GP-Desktop  
**Series Model** : NA  
**Applicant** : TP-LINK CORPORATION PTE. LTD.  
**Address** : 7 Temasek Boulevard #29-03 Suntec Tower One, Singapore 038987  
**Manufacturer** : TP-LINK CORPORATION PTE. LTD.  
**Address** : 7 Temasek Boulevard #29-03 Suntec Tower One, Singapore 038987  
**Date of Receipt** : Jan. 18, 2024  
**Date of Test** : Jan. 18, 2024 ~ Mar. 14, 2024  
**Issued Date** : Mar. 19, 2024  
**Report Version** : R00  
**Test Sample** : Engineering Sample No.: SSL202401186 for radiated and conducted emissions, SSL202401187 for others.  
**Standard(s)** : FCC CFR Title 47, Part 15, Subpart C

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

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The information, data and test plan are provided by manufacturer which may affect the validity of results, so it is manufacturer's responsibility to ensure that the apparatus meets the essential requirements of applied standards and in all the possible configurations as representative of its intended use.

**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 No.	Version	Description	Issued Date	Note
BTL-FCCP-1-2401G094	R00	Original Report.	Mar. 19, 2024	Valid

### 1. APPLICABLE STANDARDS

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

ANSI C63.10-2013

The following reference test guidance is not within the scope of accreditation of NVLAP:

KDB 558074 D01 15.247 Meas Guidance v05r02

KDB 662911 D01 Multiple Transmitter Output v02r01

### 2. 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	N/A	-----
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 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	<b>Note(2)</b>

Note:

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

(2) The device what use a permanently attached antenna were considered sufficient to comply with the provisions of 15.203.

## 2.1 TEST FACILITY

The test facilities used to collect the test data in this report:

For Radiated Emissions&Conducted Emissions&Output Power items: No. 3 Jinshagang 1st Rd. Shixia, Dalang Town, Dongguan City, Guangdong 523792.

BTL's Registration Number for FCC: 162128

BTL's Designation Number for FCC: CN5042

For other items: Room 108, Building 2, No. 1, Yile Road, Songshan Lake Zone, Dongguan City, Guangdong 523000.

BTL's Registration Number for FCC: 568794

BTL's Designation Number for FCC: CN5041

## 2.2 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 95.45% 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	2.88

### 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	4.40
		30MHz ~ 200MHz	H	3.62
		200MHz ~ 1,000MHz	V	4.58
		200MHz ~ 1,000MHz	H	3.98

Test Site	Method	Measurement Frequency Range	U,(dB)
DG-CB03 (3m)	CISPR	1GHz ~ 6GHz	4.08
		6GHz ~ 18GHz	4.62

Test Site	Method	Measurement Frequency Range	U,(dB)
DG-CB03 (1m)	CISPR	18 ~ 26.5 GHz	3.36



## C. Other Measurement:

Test Item	Uncertainty
Bandwidth	3.8 %
Maximum Output Power	1.3 dB
Conducted Spurious Emission	2.71 dB
Power Spectral Density	0.86 dB
Temperature	0.46 °C
Humidity	1.3 %

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

**2.3 TEST ENVIRONMENT CONDITIONS**

Test Item	Temperature	Humidity	Test Voltage	Tested By	Test Date
AC Power Line Conducted Emissions	19°C	28%	AC 120V/60Hz	Hayden Chen	Jan. 25, 2024
Radiated Emissions-9kHz to 30 MHz	20°C	52%	AC 120V/60Hz	Hayden Chen	Jan. 26, 2024
Radiated Emissions-30MHz to 1000MHz	23°C	43%	AC 120V/60Hz	Allen Tong	Jan. 31, 2024
Radiated Emissions-Above 1000MHz	23-25°C	41-50%	AC 120V/60Hz	Allen Tong	Jan. 31, 2024 Feb. 23, 2024~ Mar. 14, 2024
Bandwidth	21-23°C	51-57%	AC 120V/60Hz	Tember Zhuang	Feb. 26, 2024
Maximum Output Power	20-23°C	49-51%	AC 120V/60Hz	Oliver Wang	Jan. 31, 2024~ Mar. 01, 2024 Mar. 06, 2024
Conducted Spurious Emissions	21-23°C	51-57%	AC 120V/60Hz	Tember Zhuang	Feb. 26, 2024
Power Spectral Density	21-23°C	51-57%	AC 120V/60Hz	Tember Zhuang	Feb. 26, 2024

### 3. GENERAL INFORMATION

#### 3.1 GENERAL DESCRIPTION OF EUT

Equipment	AX1800 Desktop Wi-Fi 6 GPON Access Point
Brand Name	tp-link
Test Model	EAP610GP-Desktop
Series Model	N/A
Model Difference(s)	N/A
Software Version	1.0
Hardware Version	1.0
Power Source	DC Voltage supplied from AC adapter. Model:T535081-2B4
Power Rating	I/P:100-240V ~ 50/60Hz 1.2A O/P:53.5V --- 0.81A
Operation Frequency	2412 MHz ~ 2462 MHz
Modulation Type	IEEE 802.11b: DSSS IEEE 802.11g: OFDM IEEE 802.11n: OFDM IEEE 802.11ax: OFDMA
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 IEEE 802.11ax: up to 573.6 Mbps
Maximum Output Power Non Beamforming	IEEE 802.11b: 25.10 dBm (0.3236 W)
Maximum Output Power Beamforming	IEEE 802.11ax(HE20): 23.12 dBm (0.2051 W)

Note:

1. 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), IEEE 802.11ax(HE20) CH03 - CH09 for IEEE 802.11n(HT40), IEEE 802.11ax(HE40)							
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	3101506768	Dipole	IPEX	2
2	tp-link	3101506769	Dipole	IPEX	2

Note:

1) This EUT supports CDD, and all antennas have the same gain, Directional gain =  $G_{ANT} + \text{Array Gain}$ . For power measurements, Array Gain=0dB ( $N_{ANT} \leq 4$ ), so the Directional gain=2.

For power spectral density measurements,  $N_{ANT}=2$ ,  $N_{SS} = 1$ .

So the Directional gain= $G_{ANT} + \text{Array Gain} = G_{ANT} + 10\log(N_{ANT}/N_{SS})\text{dBi} = 2 + 10\log(2/1)\text{dBi} = 5.01$ .

2) Beamforming Gain is 3dB, so the Directional gain=3+2=5 dBi.

4. Table for Antenna Configuration:  
For Non Beamforming:

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)
IEEE 802.11ax(HE20)		V(Ant. 1 + Ant. 2)
IEEE 802.11ax(HE40)		V(Ant. 1 + Ant. 2)

For Beamforming:

Operating Mode	TX Mode	2TX
IEEE 802.11n(HT20)		V(Ant. 1 + Ant. 2)
IEEE 802.11n(HT40)		V(Ant. 1 + Ant. 2)
IEEE 802.11ax(HE20)		V(Ant. 1 + Ant. 2)
IEEE 802.11ax(HE40)		V(Ant. 1 + Ant. 2)

### 3.2 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 AX(HE20) Mode Channel 01/06/11
Mode 6	TX AX(HE40) Mode Channel 03/06/09
Mode 7	TX B Mode Channel 01/02/06/10/11
Mode 8	TX G Mode Channel 01/02/06/10/11
Mode 9	TX N(HT20) Mode Channel 01/02/06/10/11
Mode 10	TX N(HT40) Mode Channel 03/04/06/08/09
Mode 11	TX AX(HE20) Mode Channel 01/02/06/10/11
Mode 12	TX AX(HE40) Mode Channel 03/04/06/08/09
Mode 13	TX B Mode Channel 06

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 13	TX B Mode Channel 06

<b>Radiated emissions test - Below 1GHz</b>	
Final Test Mode	Description
Mode 13	TX B Mode Channel 06

<b>Radiated emissions test- Above 1GHz_ Non Beamforming</b>	
Final Test Mode	Description
Mode 7	TX B Mode Channel 01/02/06/10/11
Mode 8	TX G Mode Channel 01/02/06/10/11
Mode 9	TX N(HT20) Mode Channel 01/02/06/10/11
Mode 10	TX N(HT40) Mode Channel 03/04/06/08/09
Mode 11	TX AX(HE20) Mode Channel 01/02/06/10/11
Mode 12	TX AX(HE40) Mode Channel 03/04/06/08/09

<b>Output Power_ Non Beamforming test</b>	
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
Mode 5	TX AX(HE20) Mode Channel 01/06/11
Mode 6	TX AX(HE40) Mode Channel 03/06/09

<b>Output Power_ Beamforming test</b>	
Final Test Mode	Description
Mode 3	TX N(HT20) Mode Channel 01/06/11
Mode 4	TX N(HT40) Mode Channel 03/06/09
Mode 5	TX AX(HE20) Mode Channel 01/06/11
Mode 6	TX AX(HE40) Mode Channel 03/06/09

Other Conducted_ Non Beamforming 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
Mode 5	TX AX(HE20) Mode Channel 01/06/11
Mode 6	TX AX(HE40) 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 06 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 Harmonic 18-26.5GHz test, only tested the worst case and recorded.
- (5) The measurements for Output Power are tested, the Non Beamforming and Beamforming are recorded in the report. The worst case is Non Beamforming and only the worst case is documented for other test items.
- (6) IEEE 802.11ax mode only supports full RU, so only the full RU is evaluated and measured inside report.
- (7) For radiated emission above 1GHz test, The polarization of Vertical and Horizontal are evaluated, the worst case is recorded in the test report.

### 3.3 PARAMETERS OF TEST SOFTWARE

#### Non Beamforming

Test Software Version	QATool_Dbg 0.0.2.15		
Frequency (MHz)	2412	2437	2462
IEEE 802.11b	17.5	20	18
IEEE 802.11g	17	18	15
IEEE 802.11n(HT20)	12.5	17	14
IEEE 802.11ax(HE20)	18	17.5	14
Frequency (MHz)	2422	2437	2452
IEEE 802.11n(HT40)	11	14.5	12
IEEE 802.11ax(HE40)	10	14	12

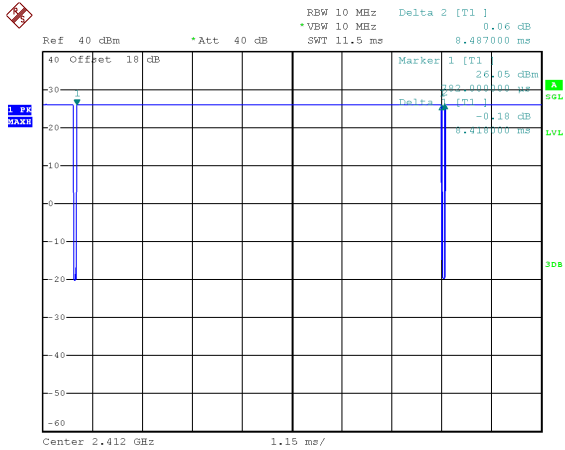
#### Beamforming

Test Software Version	QATool_Dbg 0.0.2.15		
Frequency (MHz)	2412	2437	2462
IEEE 802.11n(HT20)	12	16.5	13.5
IEEE 802.11ax(HE20)	17.5	17	13.5
Frequency (MHz)	2422	2437	2452
IEEE 802.11n(HT40)	10.5	14	11.5
IEEE 802.11ax(HE40)	9.5	13.5	11.5

### 3.4 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.

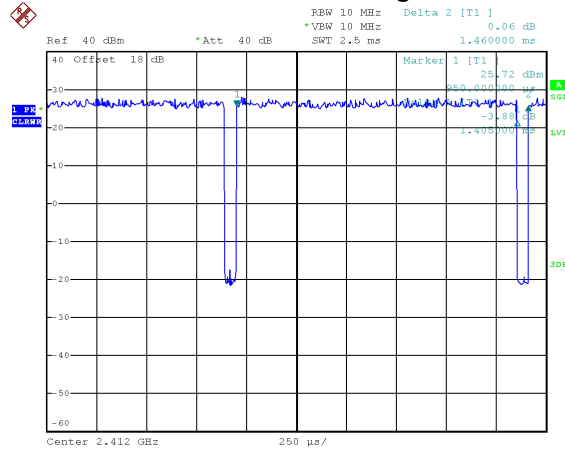
**IEEE 802.11b**



Date: 26.FEB.2024 09:36:21

Duty cycle =  $8.418 \text{ ms} / 8.487 \text{ ms} = 99.19\%$   
 Duty Factor =  $10 \log(1/\text{Duty cycle}) = 0.00$

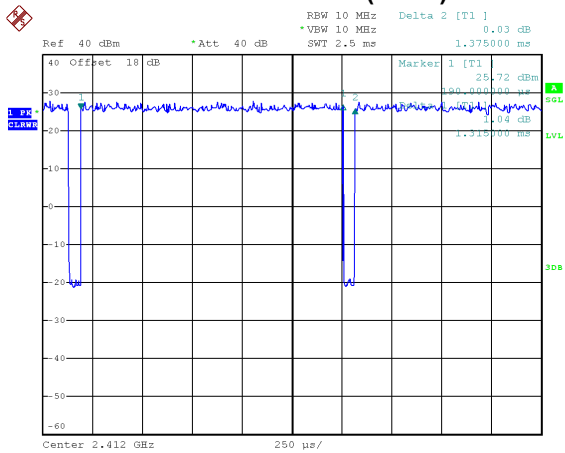
**IEEE 802.11g**



Date: 26.FEB.2024 09:36:49

Duty cycle =  $1.405 \text{ ms} / 1.460 \text{ ms} = 96.23\%$   
 Duty Factor =  $10 \log(1/\text{Duty cycle}) = 0.17$

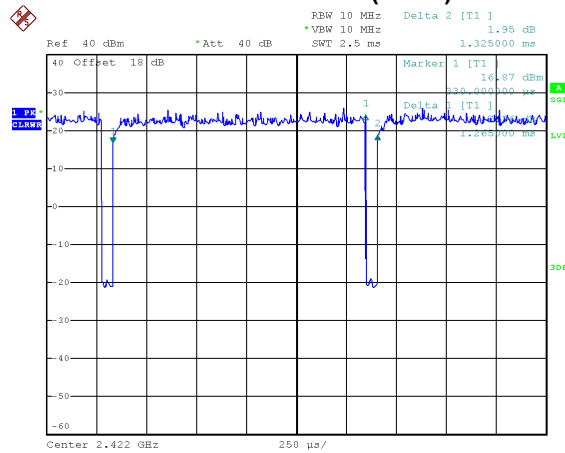
**IEEE 802.11n(HT20)**



Date: 26.FEB.2024 09:37:30

Duty cycle =  $1.315 \text{ ms} / 1.375 \text{ ms} = 95.64\%$   
 Duty Factor =  $10 \log(1/\text{Duty cycle}) = 0.19$

**IEEE 802.11n(HT40)**

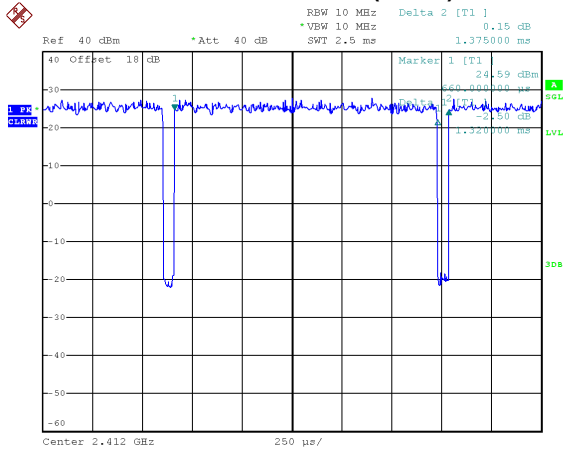


Date: 26.FEB.2024 09:38:13

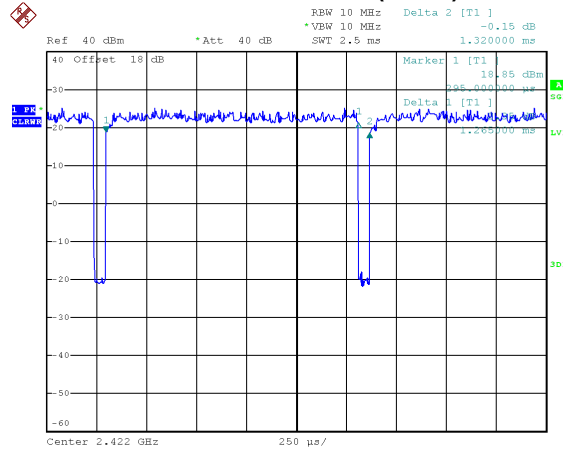
Duty cycle =  $1.265 \text{ ms} / 1.325 \text{ ms} = 95.47\%$   
 Duty Factor =  $10 \log(1/\text{Duty cycle}) = 0.20$



## IEEE 802.11ax(HE20)



## IEEE 802.11ax(HE40)



Date: 26.FEB.2024 09:41:14

Date: 26.FEB.2024 09:40:40

Duty cycle = 1.320 ms / 1.375 ms = 96.00%  
 Duty Factor = 10 log(1/Duty cycle) = 0.18

Duty cycle = 1.265 ms / 1.320 ms = 95.83%  
 Duty Factor = 10 log(1/Duty cycle) = 0.18

### 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 760 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 791 Hz.

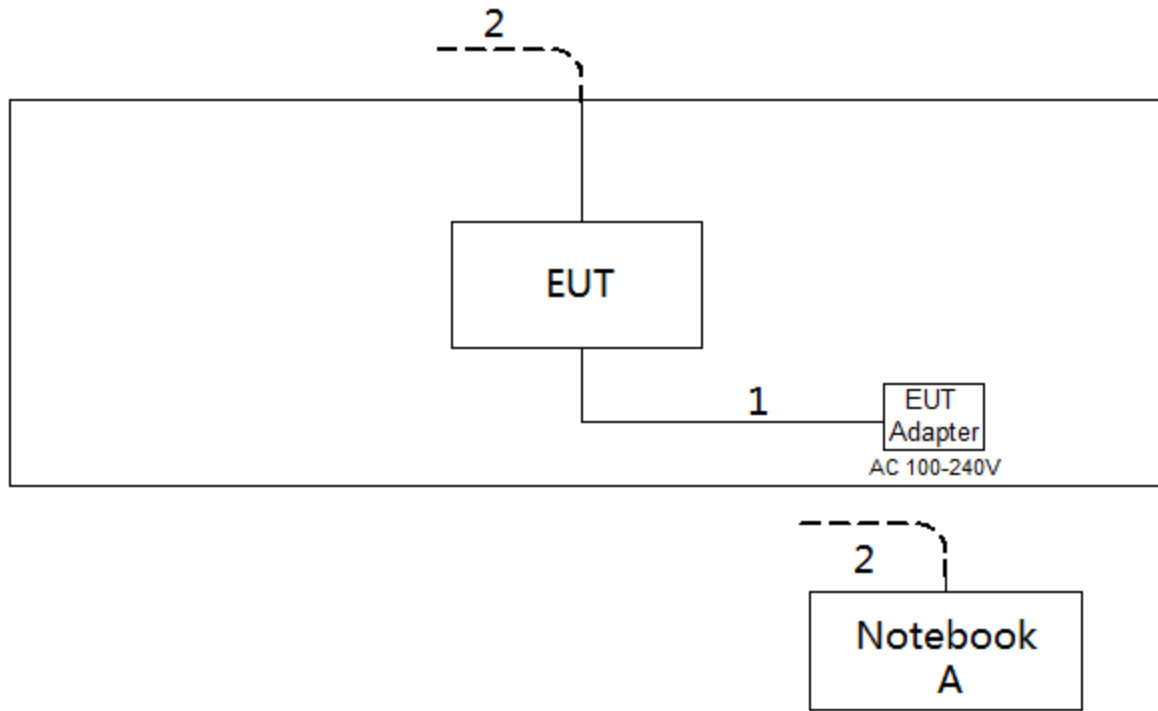
For IEEE 802.11ax(HE20):

For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 758 Hz.

For IEEE 802.11ax(HE40):

For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 791 Hz.

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



### 3.6 SUPPORT UNITS

Item	Equipment	Brand	Model No.	Series No.
A	Notebook	Honor	14SER5 3500	N/A

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

### 3.7 CUSTOMER INFORMATION DESCRIPTION

- 1) The antenna gain and beamforming gain are provided by the manufacturer.
- 2) Except for AC power line conducted emissions and radiated emissions, the results of all test items include cable losses. Part of the cable losses (17.5dB) are provided by the manufacturer, while the other parts of the cable losses are provided by the testing laboratory.

## 4. AC POWER LINE CONDUCTED EMISSIONS

### 4.1 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.

### 4.2 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.

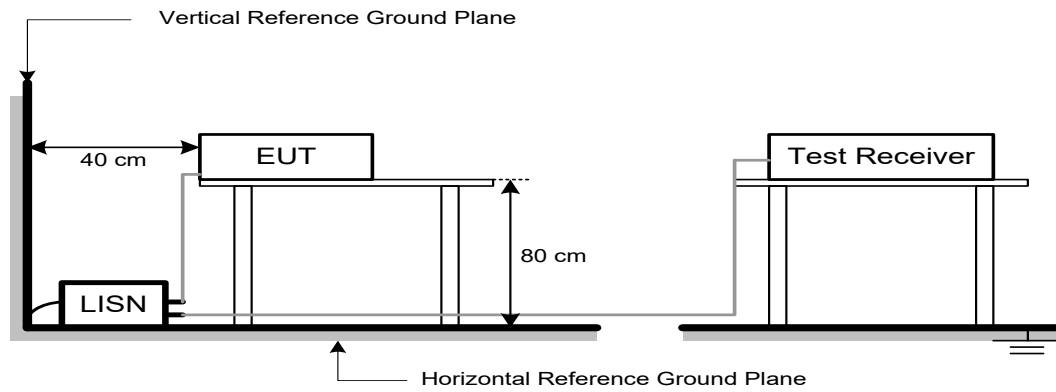
The following table is the setting of the receiver:

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

### 4.3 DEVIATION FROM TEST STANDARD

No deviation.

#### 4.4 TEST SETUP



#### 4.5 EUT OPERATION CONDITIONS

EUT was programmed to be in continuously transmitting mode.

#### 4.6 TEST RESULTS

Please refer to the APPENDIX A.

## 5. RADIATED EMISSIONS

### 5.1 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)	Band edge/ Harmonic at 3m (dB $\mu$ V/m)		Harmonic at 1m (dB $\mu$ V/m)	
	Peak	Average	Peak	Average
Above 1000	74	54	83.5 (Note 4)	63.5 (Note 4)

#### 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 (dB $\mu$ V/m)=20log Emission level (uV/m).
- (4)

$$FS_{\text{limit}} = FS_{\text{max}} - 20 \log \left( \frac{d_{\text{limit}}}{d_{\text{measure}}} \right)$$

$$20 \log (d_{\text{limit}}/d_{\text{measure}}) = 20 \log (3/1) = 9.5 \text{ dB.}$$

## 5.2 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 and 1 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:

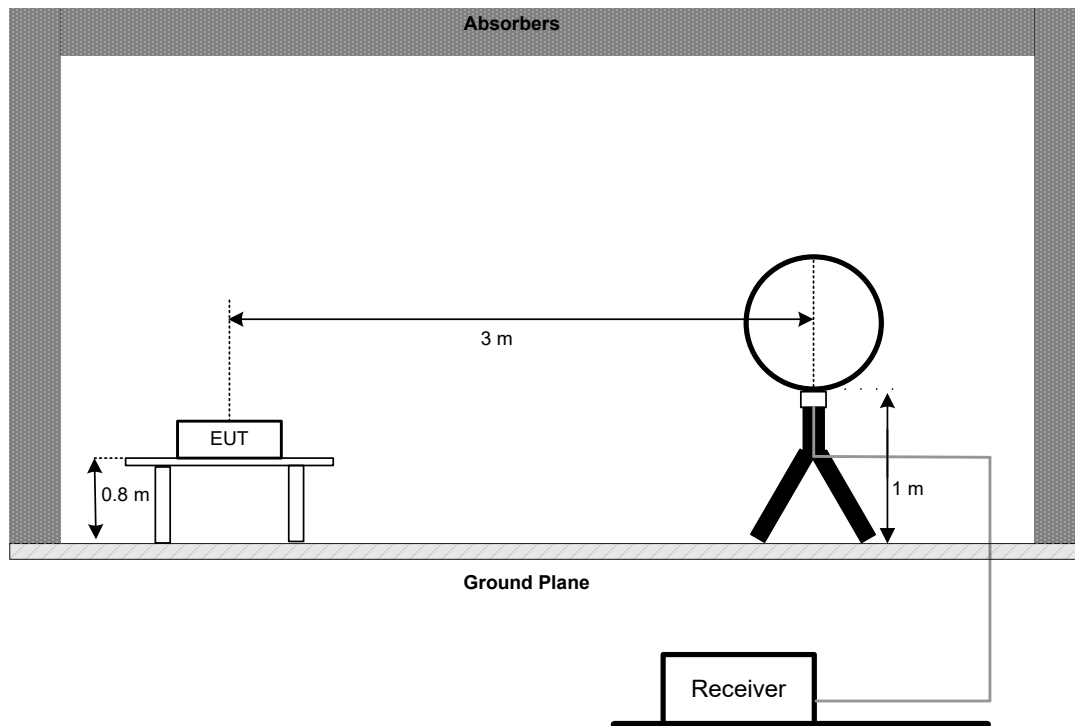
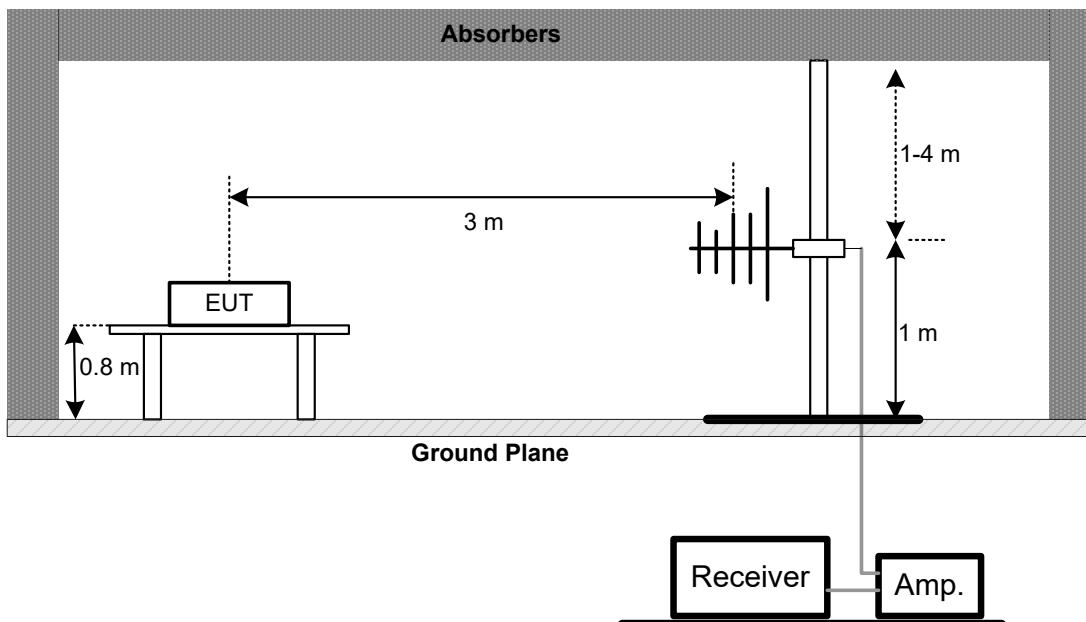
Spectrum Parameters	Setting
Start ~ Stop Frequency	9 kHz~150 kHz for RBW 200 Hz
Start ~ Stop Frequency	0.15 MHz~30 MHz for RBW 9 kHz
Start ~ Stop Frequency	30 MHz~1000 MHz for RBW 100 kHz

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

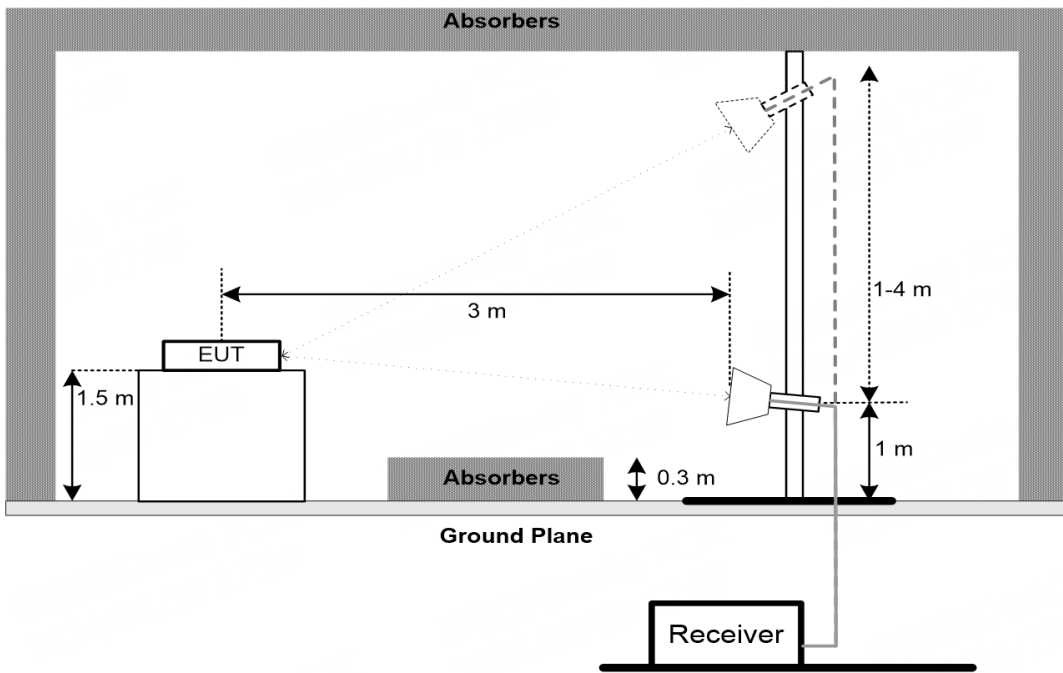
Receiver Parameters	Setting
Start ~ Stop Frequency	9 kHz~90 kHz for PK/AVG detector
Start ~ Stop Frequency	90 kHz~110 kHz for QP detector
Start ~ Stop Frequency	110 kHz~490 kHz for PK/AVG detector
Start ~ Stop Frequency	490 kHz~30 MHz for QP detector
Start ~ Stop Frequency	30 MHz~1000 MHz for QP detector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

**5.3 DEVIATION FROM TEST STANDARD**

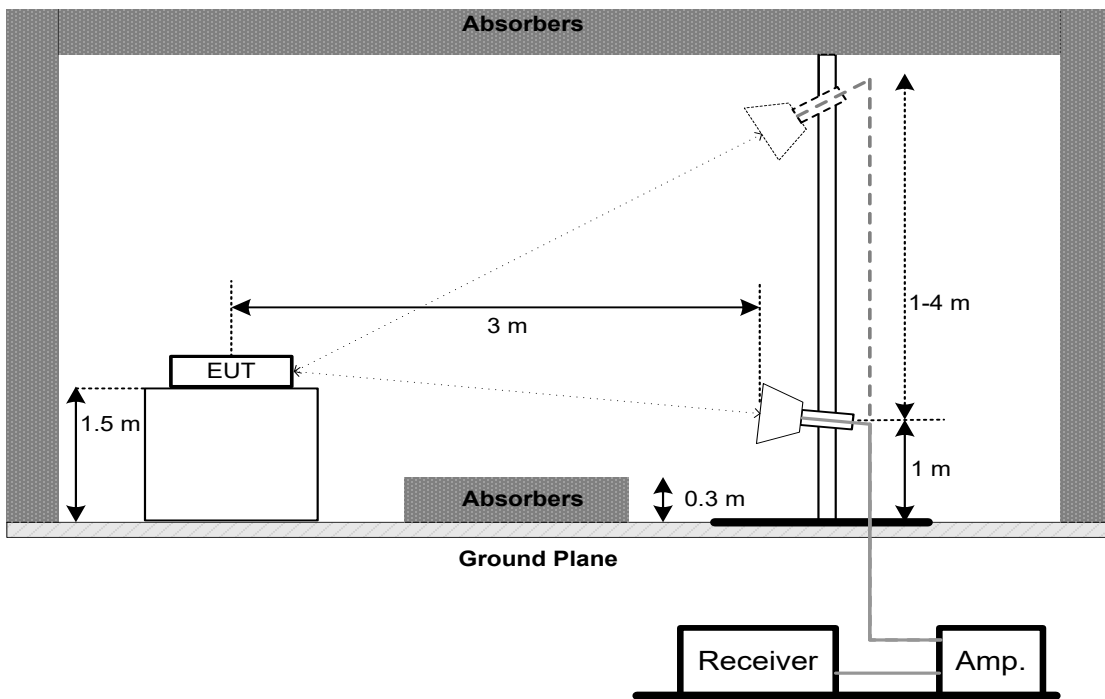
No deviation.

**5.4 TEST SETUP****9 kHz to 30 MHz****30 MHz to 1 GHz**

### Above 1 GHz Band edge

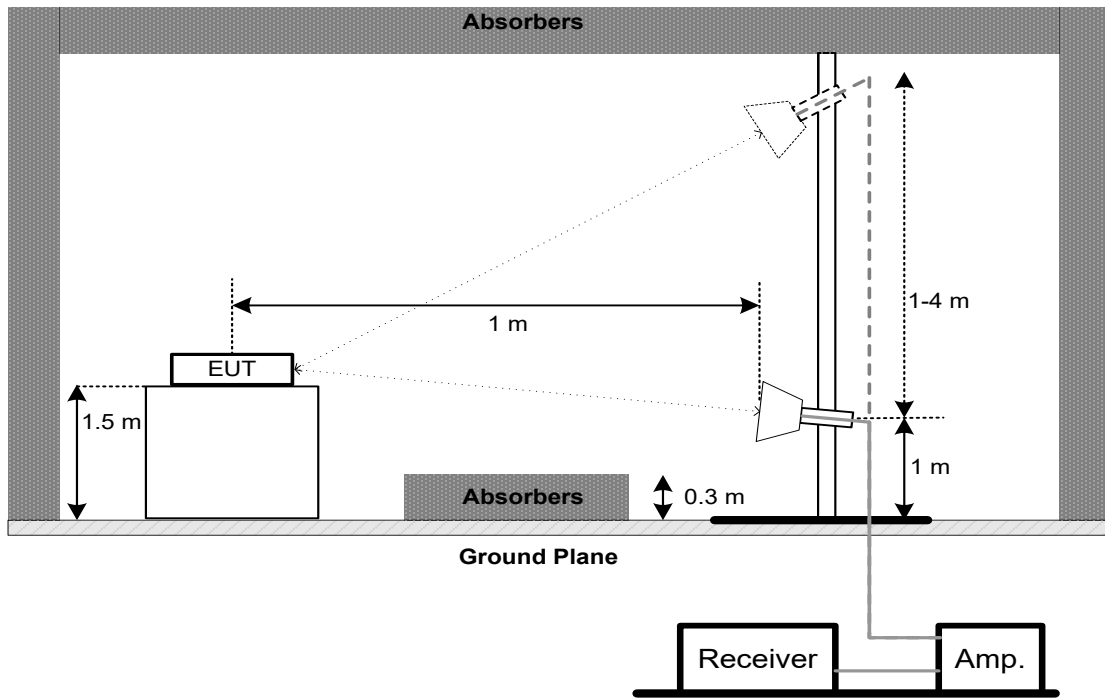


### Harmonic (1 GHz to 18 GHz)





**Harmonic (18 GHz to 26.5 GHz)**



**5.5 EUT OPERATION CONDITIONS**

The EUT was programmed to be in continuously transmitting mode.

**5.6 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.

**5.7 TEST RESULTS - 30 MHZ TO 1000 MHZ**

Please refer to the APPENDIX C.

**5.8 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.

## 6. BANDWIDTH

### 6.1 LIMIT

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

### 6.2 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

### 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 E.

## 7. MAXIMUM OUTPUT POWER

### 7.1 LIMIT

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

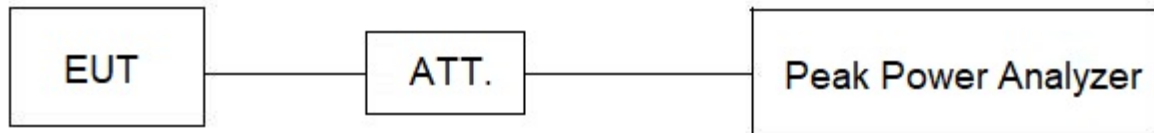
### 7.2 TEST PROCEDURE

- The EUT was directly connected to the peak power analyzer 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.

### 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 F.

## 8. CONDUCTED SPURIOUS EMISSIONS

### 8.1 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.

### 8.2 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

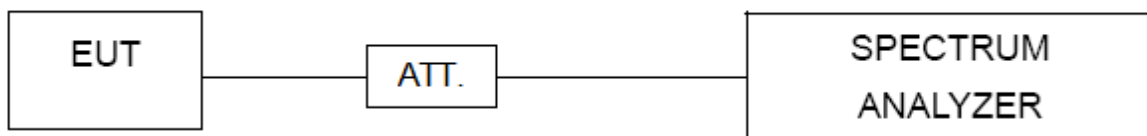
For Emission Level:

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

### 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 G.

## 9. POWER SPECTRAL DENSITY

### 9.1 LIMIT

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

### 9.2 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:

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

### 9.3 DEVIATION FROM STANDARD

No deviation.

### 9.4 TEST SETUP



### 9.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

### 9.6 TEST RESULTS

Please refer to the APPENDIX H.

**10. 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	ESR3	103027	Jun. 16, 2024
2	TWO-LINE V-NETWORK	R&S	ENV216	101447	Dec. 22, 2024
3	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
4	Cable	N/A	SFT205-NMNM-9M-001	9M	Nov. 27, 2024
5	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	Active Loop Antenna	Schwarzbeck	FMZB 1513-60B	1513-60 B-034	Apr. 01, 2024
2	MXE EMI Receiver	Keysight	N9038A	MY56400091	Dec. 22, 2024
3	Cable	N/A	RW2350-3.8A-NMB M-1.5M	N/A	Jun. 10, 2024
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. 11, 2024

Radiated Emissions - 30 MHz to 1 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Trilog-Broadband Antenna	Schwarzbeck	VULB 9168	1462	Dec. 13, 2024
2	Attenuator	EMC INSTRUMENT	EMCI-N-6-06	AT-06009	Dec. 13, 2024
3	Preamplifier	EMC INSTRUMENT	EMC001330	980998	Nov. 17, 2024
4	Cable	RegalWay	LMR400-NMNM-12.5m	N/A	Jul. 04, 2024
5	Cable	RegalWay	LMR400-NMNM-3m	N/A	Jul. 04, 2024
6	Cable	RegalWay	LMR400-NMNM-0.5m	N/A	Jul. 04, 2024
7	Receiver	Agilent	N9038A	MY52130039	Dec. 22, 2024
8	Positioning Controller	MF	MF-7802	N/A	N/A
9	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
10	966 Chamber room	CM	9*6*6	N/A	May 17, 2024

**For the test date: Jan. 31, 2024**

Radiated Emissions - Above 1 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Receiver	Agilent	N9038A	MY52130039	Dec. 22, 2024
2	Preamplifier	EMC INSTRUMENT	EMC118A45SE	980888	Nov. 17, 2024
3	EXA Spectrum Analyzer	Keysight	N9010A	MY55150209	Jun. 16, 2024
4	Double Ridged Guide Antenna	ETS	3115	75789	May 31, 2024
5	Cable	RegalWay	RWLP50-4.0A-SMSM-9M	N/A	Jan. 22, 2025
6	Cable	RegalWay	RWLP50-2.6A-3.5M2.92MRA-3M	N/A	Jan. 22, 2025
7	Low Noise Amplifier	CONNPHY	CLN-18G40G-4330-K	619413	Jul. 06, 2024
8	Cable	RegalWay	RWLP50-2.6A-2.92M2.92M-1.1M	N/A	Jul. 26, 2024
9	Cable	Tonscend	HF160-KMKM-3M	N/A	Jul. 26, 2024
10	Broad-Band Horn Antenna	Schwarzbeck	BBHA9170(3m)	9170-319	Jun. 20, 2024
11	966 Chamber room	CM	9*6*6	N/A	May 17, 2024
12	Attenuator	Talent Microwave	TA10A2-S-18	N/A	N/A
13	Filter	STI	STI15-9912	N/A	Jun. 16, 2024
14	Positioning Controller	MF	MF-7802	N/A	N/A
15	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

**For the test date: Feb. 23, 2024 ~ Mar. 14, 2024**

Radiated Emissions - Above 1 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Receiver	Agilent	N9038A	MY52130039	Dec. 22, 2024
2	Preamplifier	EMC INSTRUMENT	EMC118A45SE	980888	Nov. 17, 2024
3	EXA Spectrum Analyzer	Keysight	N9010A	MY55150209	Jun. 16, 2024
4	Double Ridged Guide Antenna	ETS	3115	75789	May 31, 2024
5	Cable	RegalWay	RWLP50-4.0A-SMSM-12.5M	N/A	Feb. 19, 2025
6	Cable	RegalWay	RWLP50-4.0A-NMRA SM-2.5M	N/A	Aug. 08, 2024
7	Cable	RegalWay	RWLP50-4.0A-NMRA SMRA-0.8M	N/A	Aug. 08, 2024
8	Low Noise Amplifier	CONNPHY	CLN-18G40G-4330-K	619413	Jul. 06, 2024
9	Cable	RegalWay	RWLP50-2.6A-2.92M2.92M-1.1M	N/A	Jul. 26, 2024
10	Cable	Tonscend	HF160-KMKM-3M	N/A	Jul. 26, 2024
11	Broad-Band Horn Antenna	Schwarzbeck	BBHA9170(3m)	9170-319	Jun. 20, 2024
12	966 Chamber room	CM	9*6*6	N/A	May 17, 2024
13	Attenuator	Talent Microwave	TA10A2-S-18	N/A	N/A
14	Filter	STI	STI15-9912	N/A	Jun. 16, 2024
15	Positioning Controller	MF	MF-7802	N/A	N/A
16	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

Bandwidth & Conducted Spurious Emissions & Power Spectral Density					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP38	100852	Jun. 16, 2024
2	Attenuator	RegalWay	RWA-201-S-10	N/A	Sep. 26, 2024
3	Attenuator	RegalWay	RWA-201-S-6	N/A	Sep. 26, 2024
4	Temperature Chamber	ESPEC CORP	SU-242	93018736	Jul. 07, 2024
5	DC Block	N/A	N/A	N/A	N/A

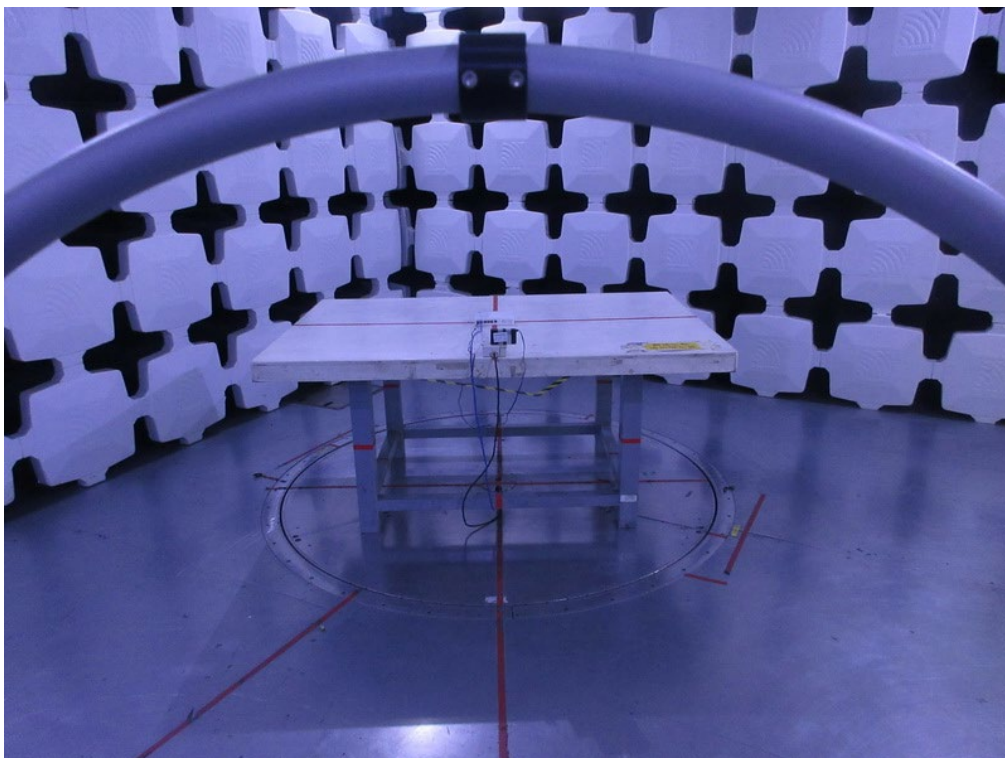
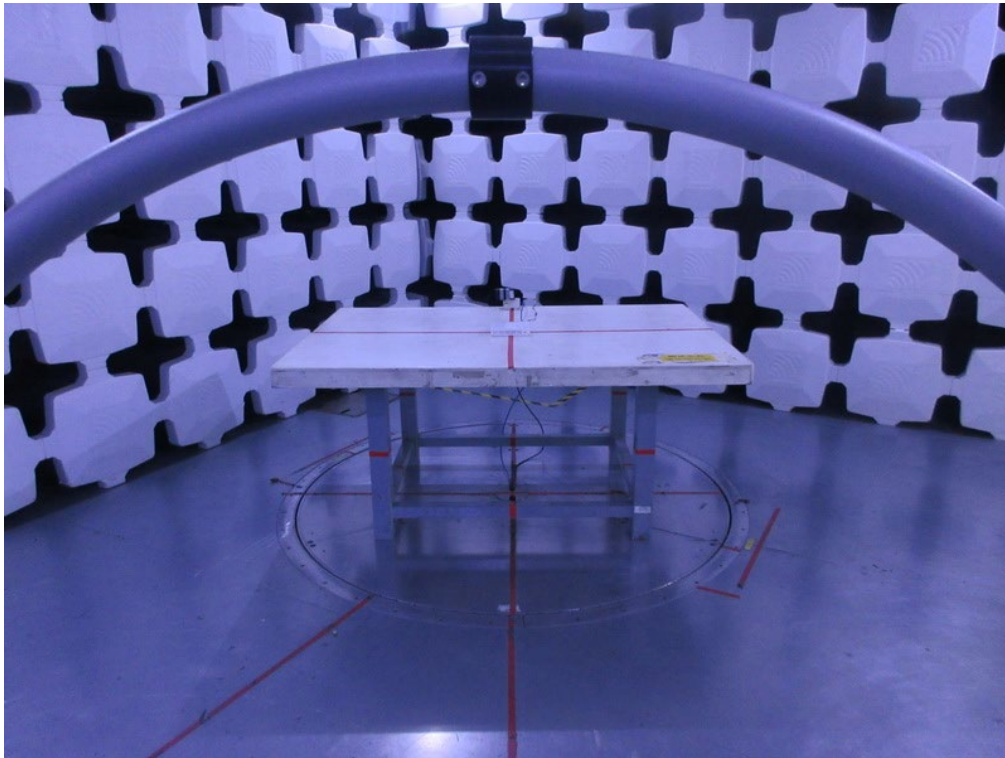
Maximum Output Power					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Peak Power Analyzer	Keysight	8990B	MY51000506	Jun. 17, 2024
2	Wideband power sensor	Keysight	N1923A	MY58310004	Jun. 17, 2024
3	Attenuator	Talent Microwave	TA10A2-S-18	N/A	N/A

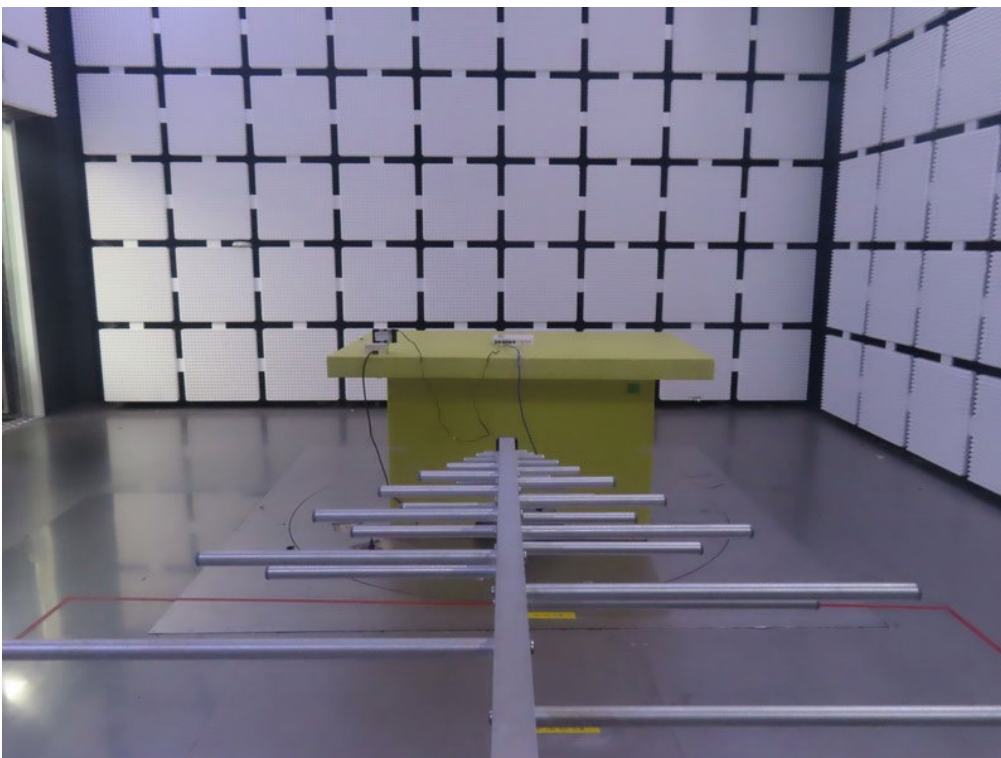
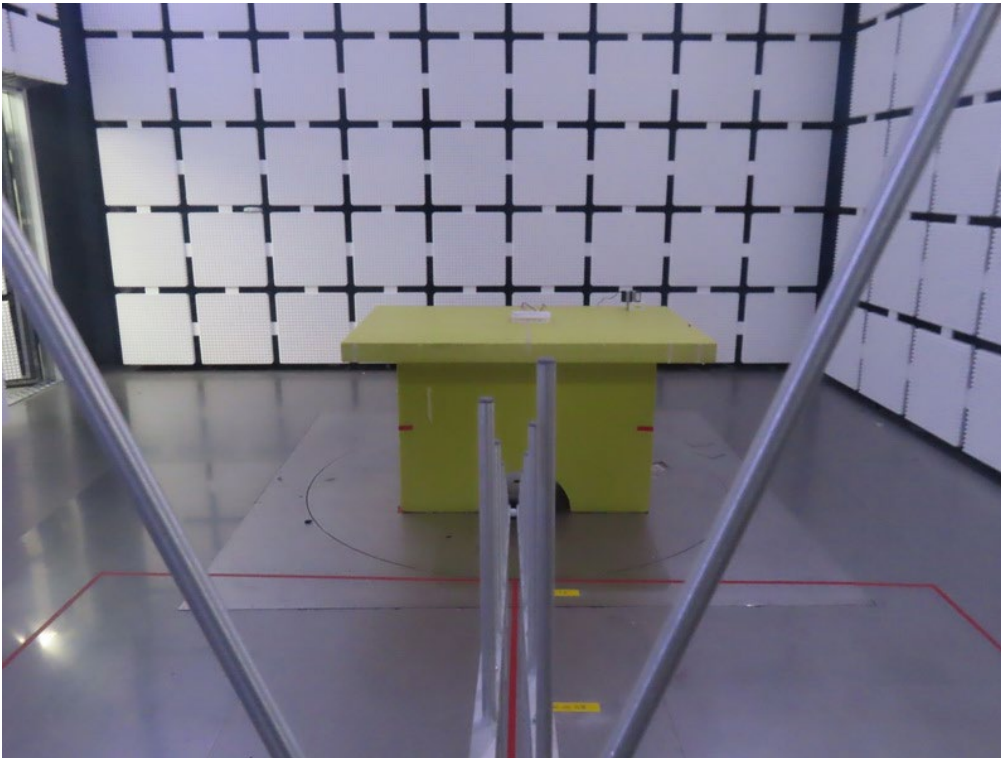
Remark: "N/A" denotes no model name, serial no. or calibration specified.

All calibration period of equipment list is one year.

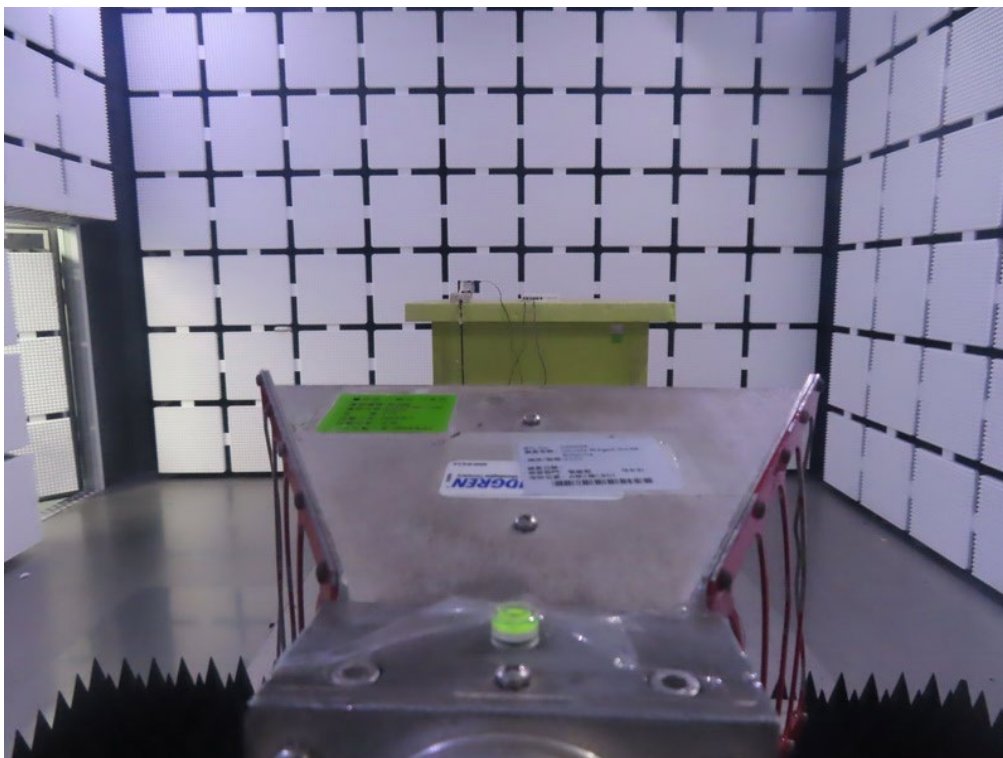
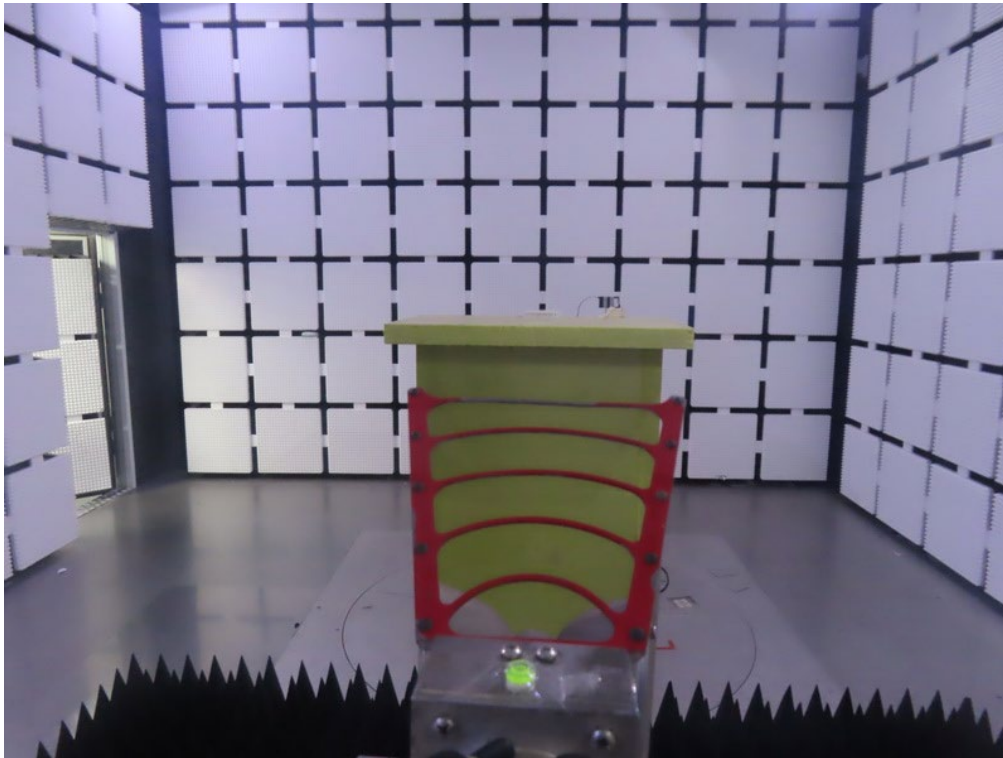


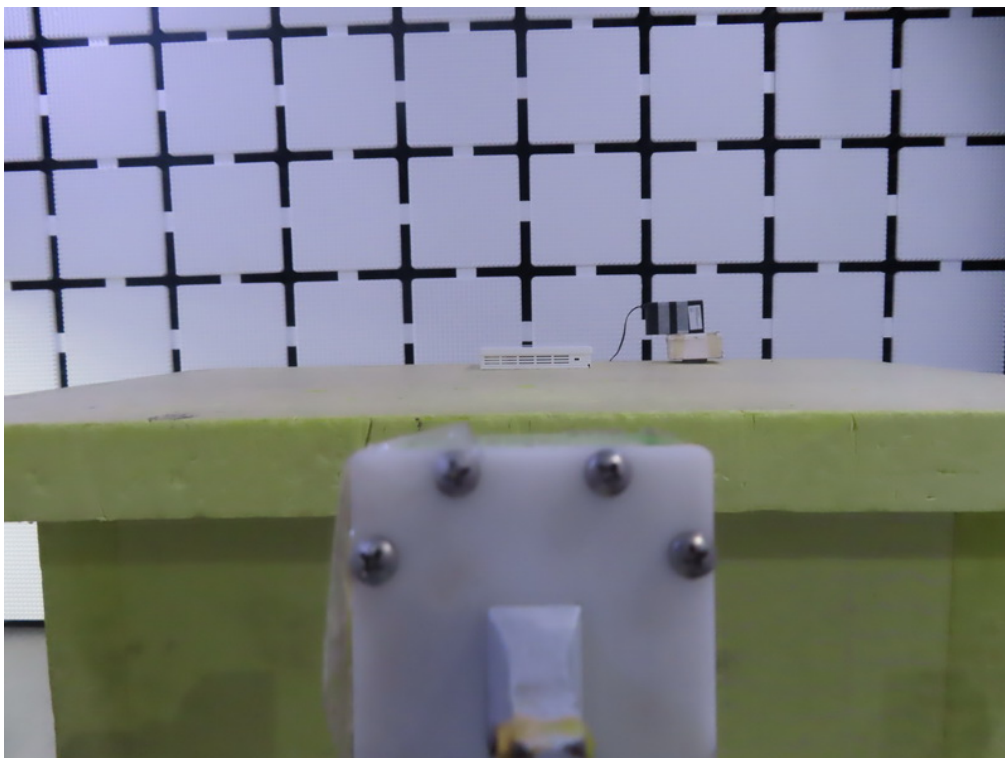
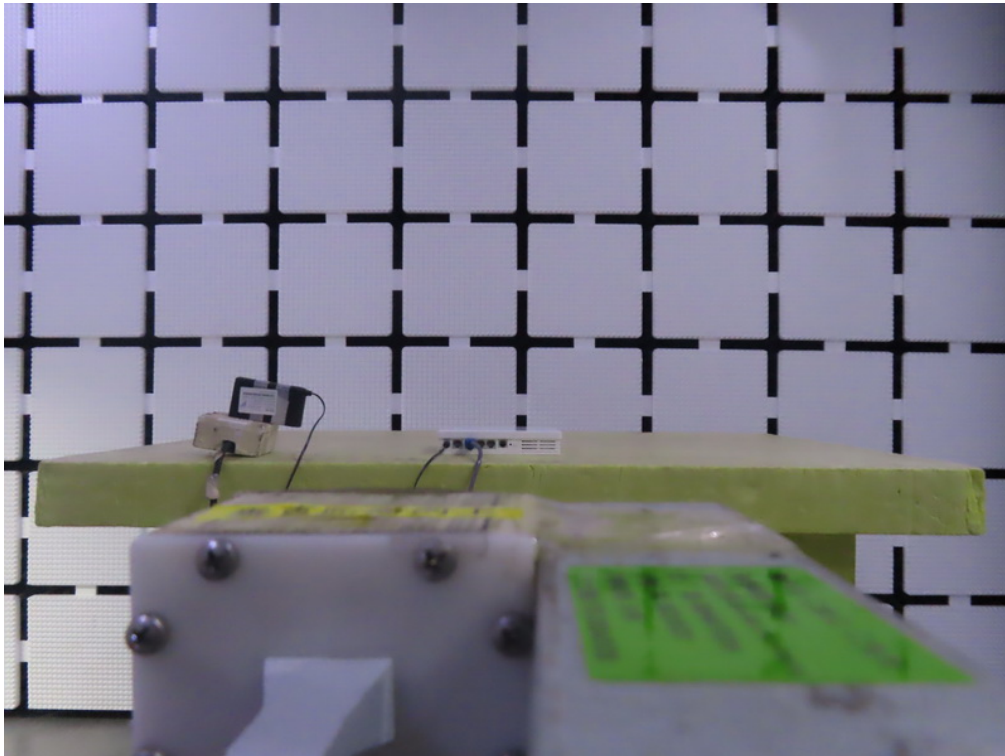
**11. EUT TEST PHOTO****AC Power Line Conducted Emissions Test Photos**

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

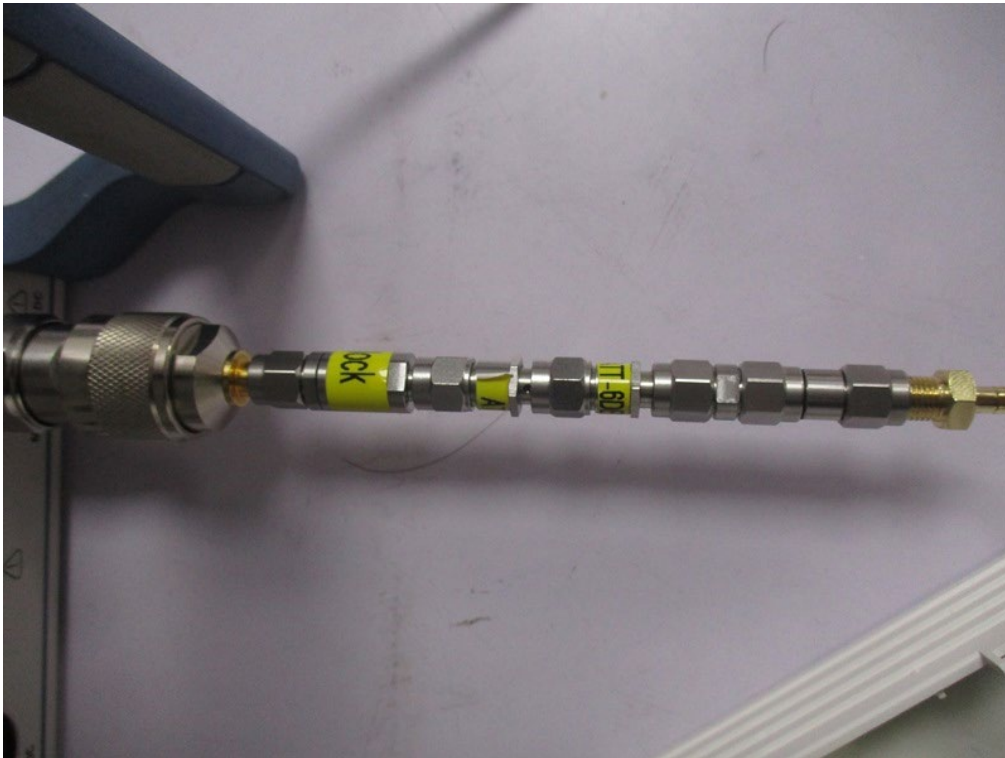
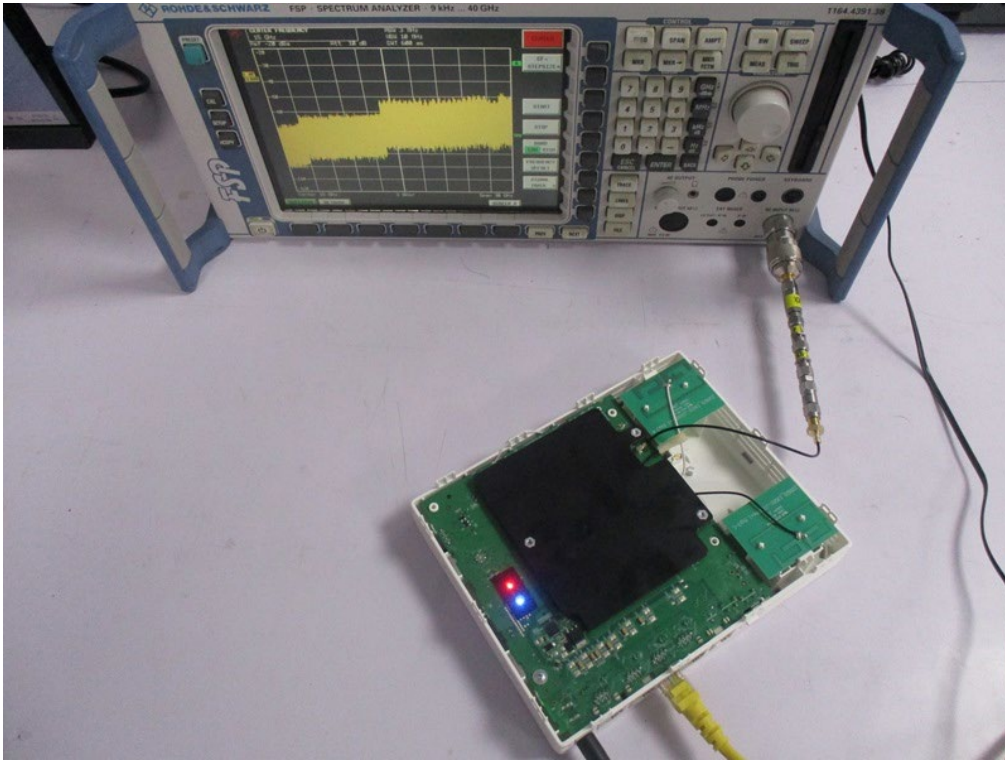
**Radiated Emissions Test Photos****30 MHz to 1 GHz**

**Radiated Emissions Test Photos**  
**Band edges & Harmonic 1 GHz-18 GHz**



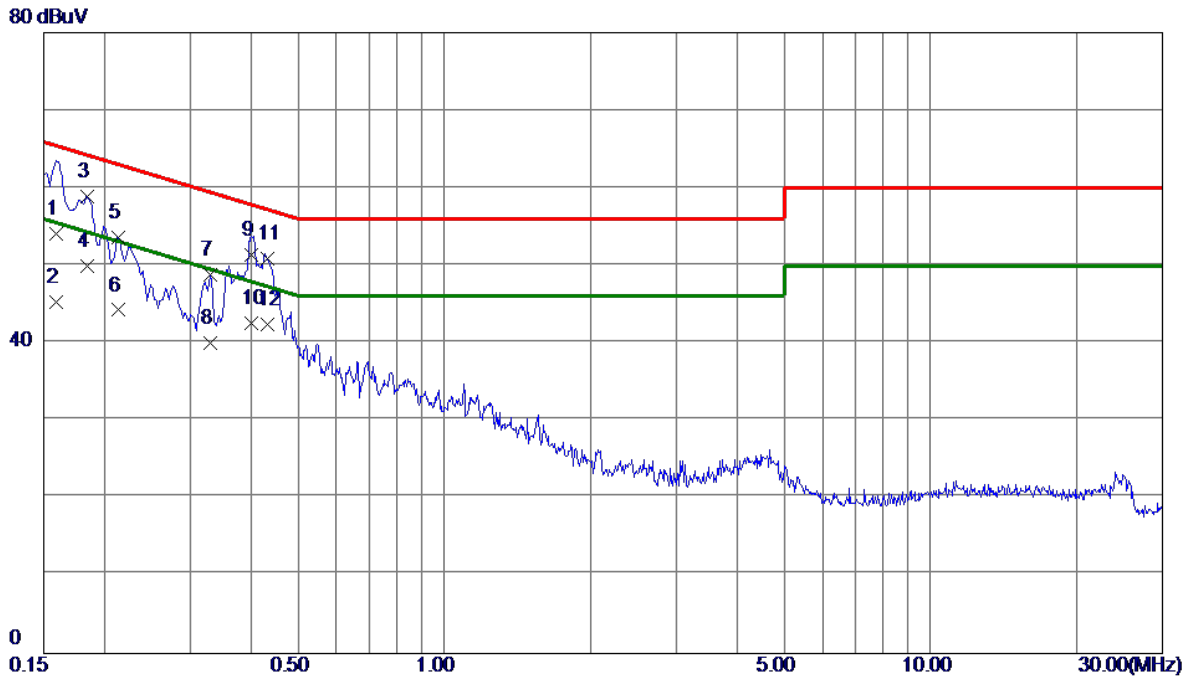
**Radiated Emissions Test Photos****Harmonic 18 GHz-26.5 GHz**

**Conducted Test Photos**



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

Test Mode	TX B Mode Channel 06	Phase	Line
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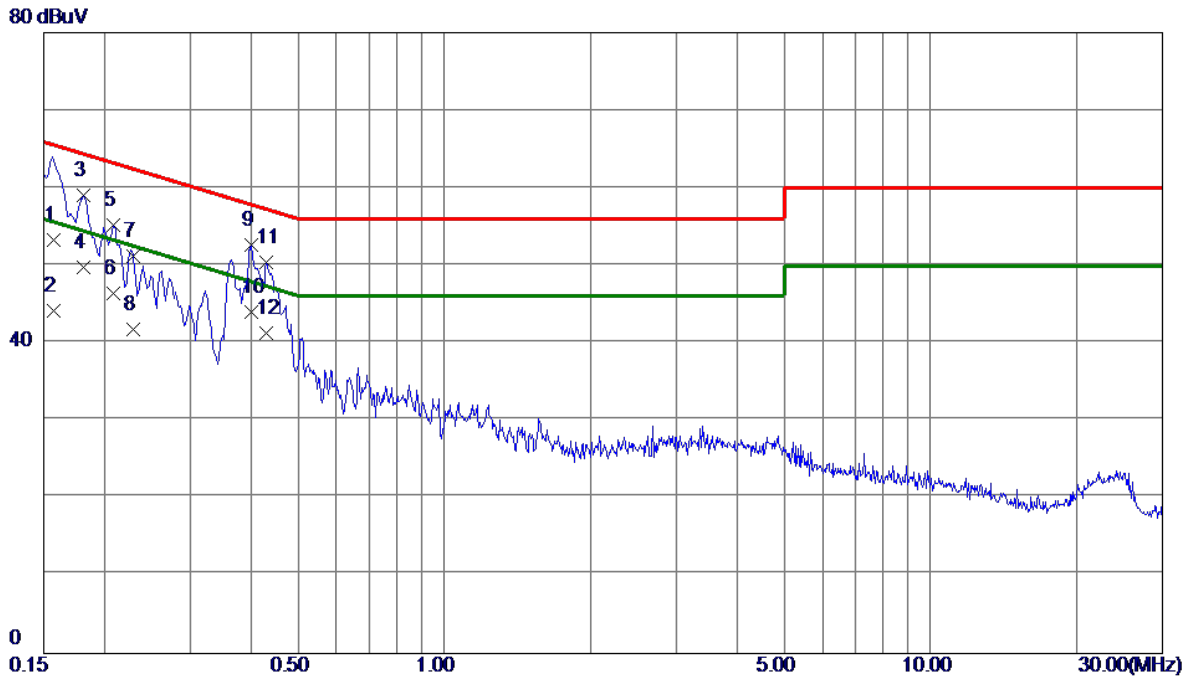
No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	0.1590	44.30	9.74	54.04	65.52	-11.48	QP	
2	0.1590	35.60	9.74	45.34	55.52	-10.18	AVG	
3	0.1838	49.13	9.74	58.87	64.31	-5.44	QP	
4 *	0.1838	40.10	9.74	49.84	54.31	-4.47	AVG	
5	0.2130	43.92	9.74	53.66	63.09	-9.43	QP	
6	0.2130	34.50	9.74	44.24	53.09	-8.85	AVG	
7	0.3300	39.00	9.77	48.77	59.45	-10.68	QP	
8	0.3300	30.30	9.77	40.07	49.45	-9.38	AVG	
9	0.4020	41.60	9.77	51.37	57.81	-6.44	QP	
10	0.4020	32.80	9.77	42.57	47.81	-5.24	AVG	
11	0.4335	41.13	9.78	50.91	57.19	-6.28	QP	
12	0.4335	32.69	9.78	42.47	47.19	-4.72	AVG	

**REMARKS:**

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



Test Mode	TX B Mode Channel 06	Phase	Neutral
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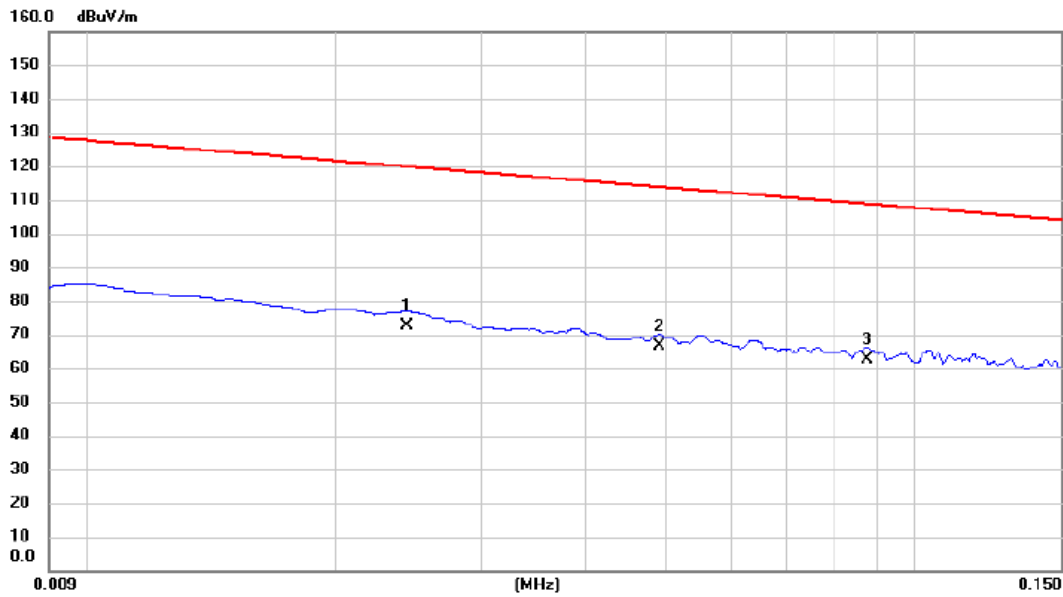
No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	0.1568	43.70	9.59	53.29	65.63	-12.34	QP	
2	0.1568	34.50	9.59	44.09	55.63	-11.54	AVG	
3	0.1815	49.40	9.59	58.99	64.42	-5.43	QP	
4	0.1815	40.10	9.59	49.69	54.42	-4.73	AVG	
5	0.2085	45.62	9.60	55.22	63.26	-8.04	QP	
6	0.2085	36.80	9.60	46.40	53.26	-6.86	AVG	
7	0.2292	41.57	9.61	51.18	62.48	-11.30	QP	
8	0.2292	32.20	9.61	41.81	52.48	-10.67	AVG	
9	0.4020	43.01	9.64	52.65	57.81	-5.16	QP	
10 *	0.4020	34.30	9.64	43.94	47.81	-3.87	AVG	
11	0.4312	40.71	9.64	50.35	57.23	-6.88	QP	
12	0.4312	31.60	9.64	41.24	47.23	-5.99	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 06	Polarization	Ant 0°
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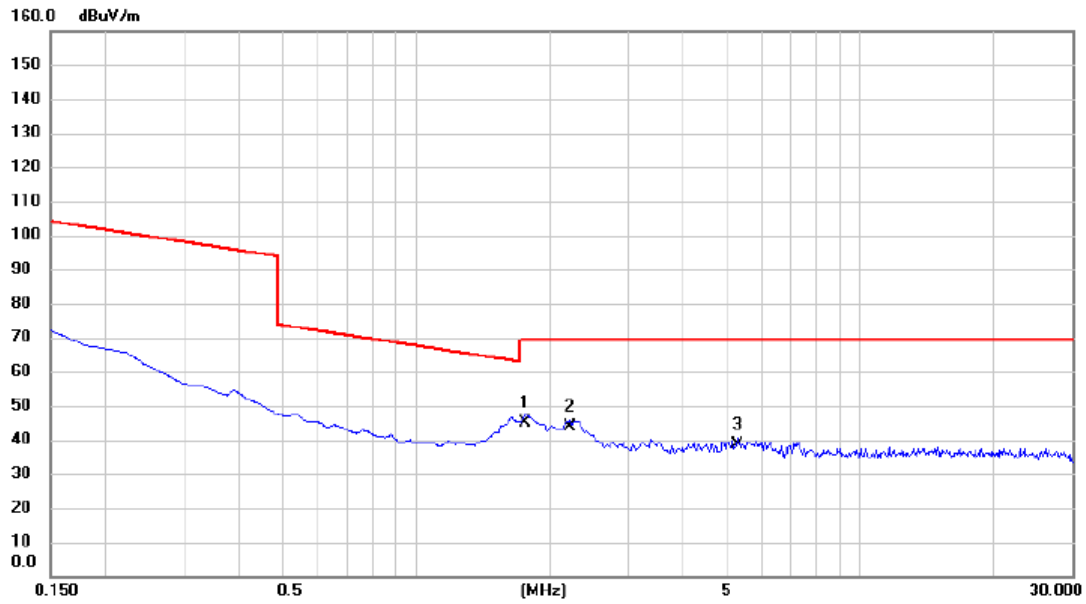


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		0.0244	52.46	20.11	72.57	119.86	-47.29	AVG	
2		0.0492	46.84	19.80	66.64	113.77	-47.13	AVG	
3	*	0.0875	42.68	19.86	62.54	108.76	-46.22	AVG	

**REMARKS:**

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

Test Mode	TX B Mode Channel 06	Polarization	Ant 0°
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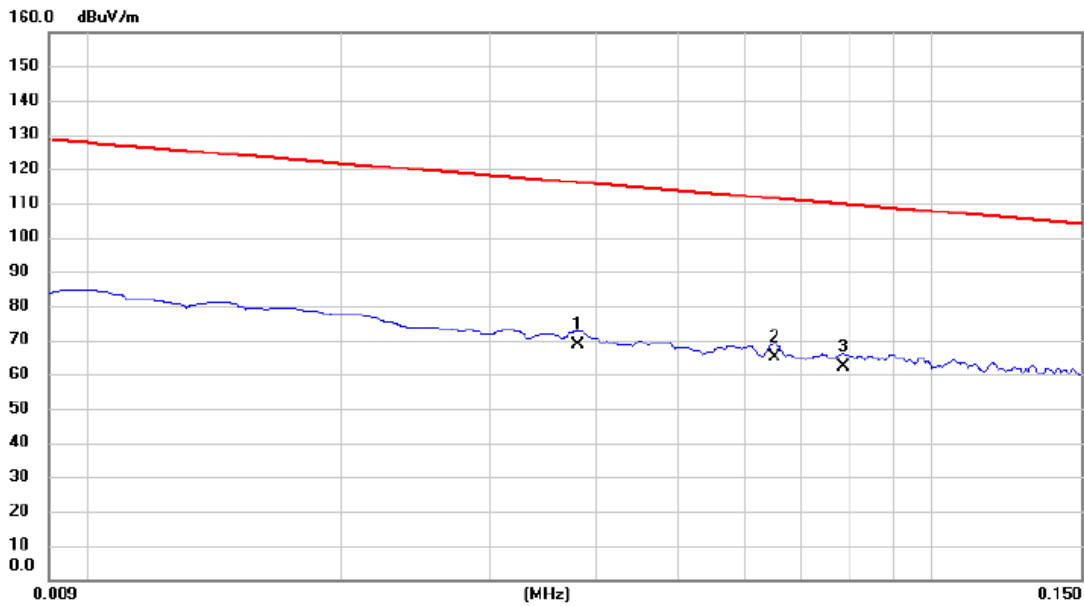
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1	*	1.7620	25.24	19.81	45.05	69.54	-24.49	QP	
2		2.2246	23.99	19.81	43.80	69.54	-25.74	QP	
3		5.2842	18.63	19.95	38.58	69.54	-30.96	QP	

**REMARKS:**

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

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

Test Mode	TX B Mode Channel 06	Polarization	Ant 90°
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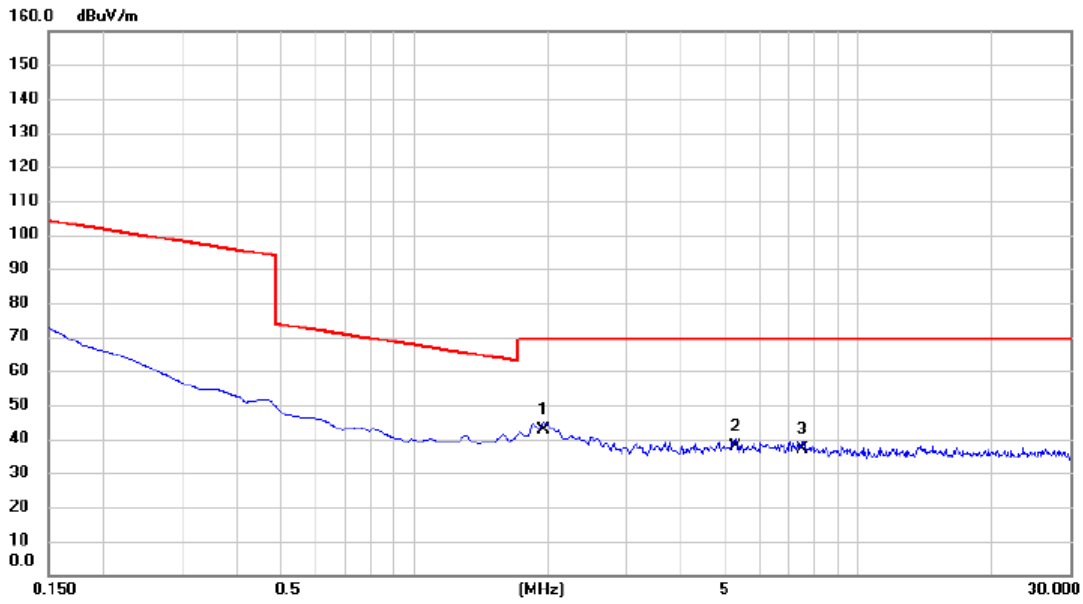


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.0381	48.69	19.80	68.49	115.99	-47.50	AVG	
2	*	0.0651	45.21	19.85	65.06	111.33	-46.27	AVG	
3		0.0784	42.39	19.89	62.28	109.72	-47.44	AVG	

**REMARKS:**

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

Test Mode	TX B Mode Channel 06	Polarization	Ant 90°
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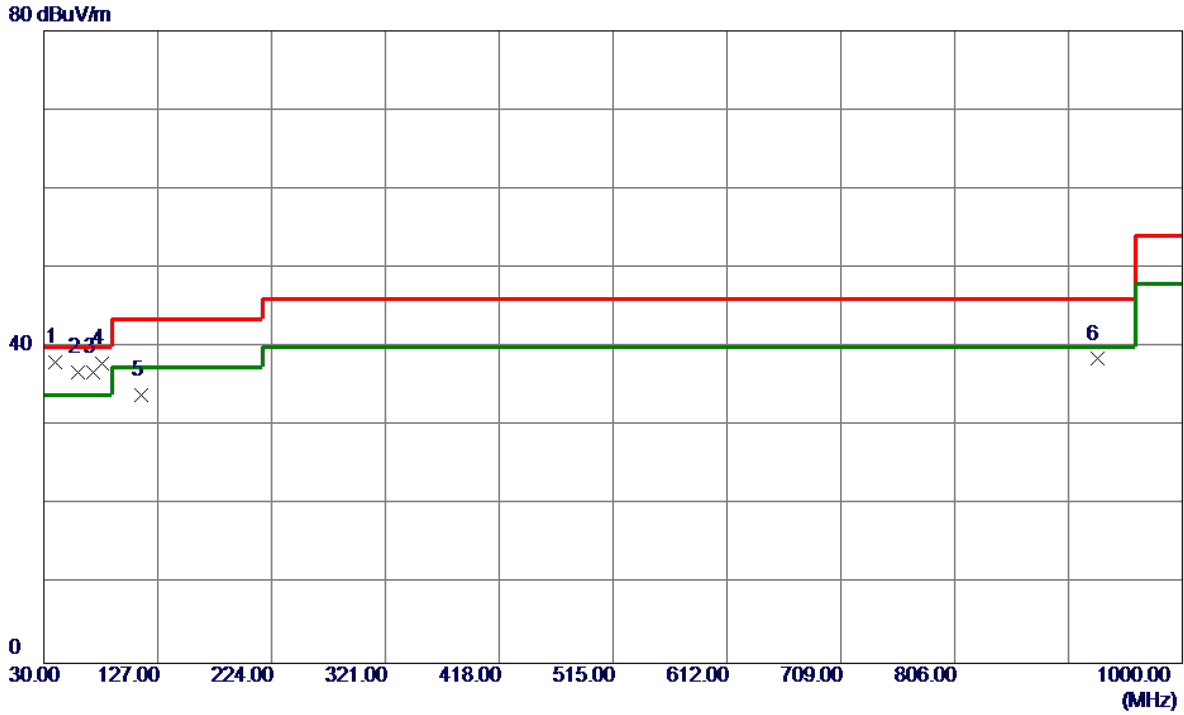
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	1.9560	22.95	19.79	42.74	69.54	-26.80	QP	
2		5.2842	17.69	19.95	37.64	69.54	-31.90	QP	
3		7.4782	17.10	20.04	37.14	69.54	-32.40	QP	

**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 06	Polarization	Vertical
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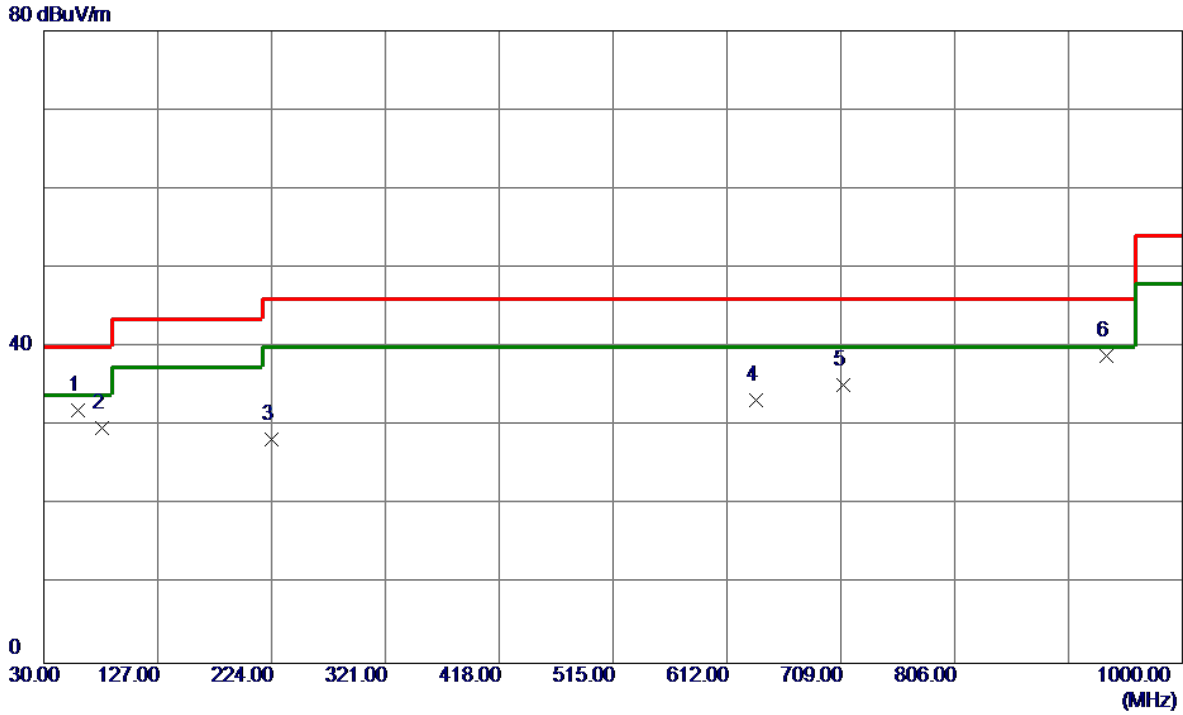
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	39.7000	49.82	-11.80	38.02	40.00	-1.98	QP	
2	58.6150	48.74	-11.87	36.87	40.00	-3.13	Peak	
3	72.1950	50.67	-13.93	36.74	40.00	-3.26	Peak	
4	79.9550	53.42	-15.50	37.92	40.00	-2.08	Peak	
5	113.4200	47.87	-13.92	33.95	43.50	-9.55	Peak	
6	927.2500	38.19	0.29	38.48	46.00	-7.52	Peak	

**REMARKS:**

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



Test Mode	TX B Mode Channel 06	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	58.6150	43.91	-11.87	32.04	40.00	-7.96	Peak	
2	79.9550	45.22	-15.50	29.72	40.00	-10.28	Peak	
3	223.5150	42.47	-14.13	28.34	46.00	-17.66	Peak	
4	637.2199	36.39	-3.11	33.28	46.00	-12.72	Peak	
5	710.9400	37.32	-2.13	35.19	46.00	-10.81	Peak	
6 *	935.4950	38.56	0.32	38.88	46.00	-7.12	Peak	

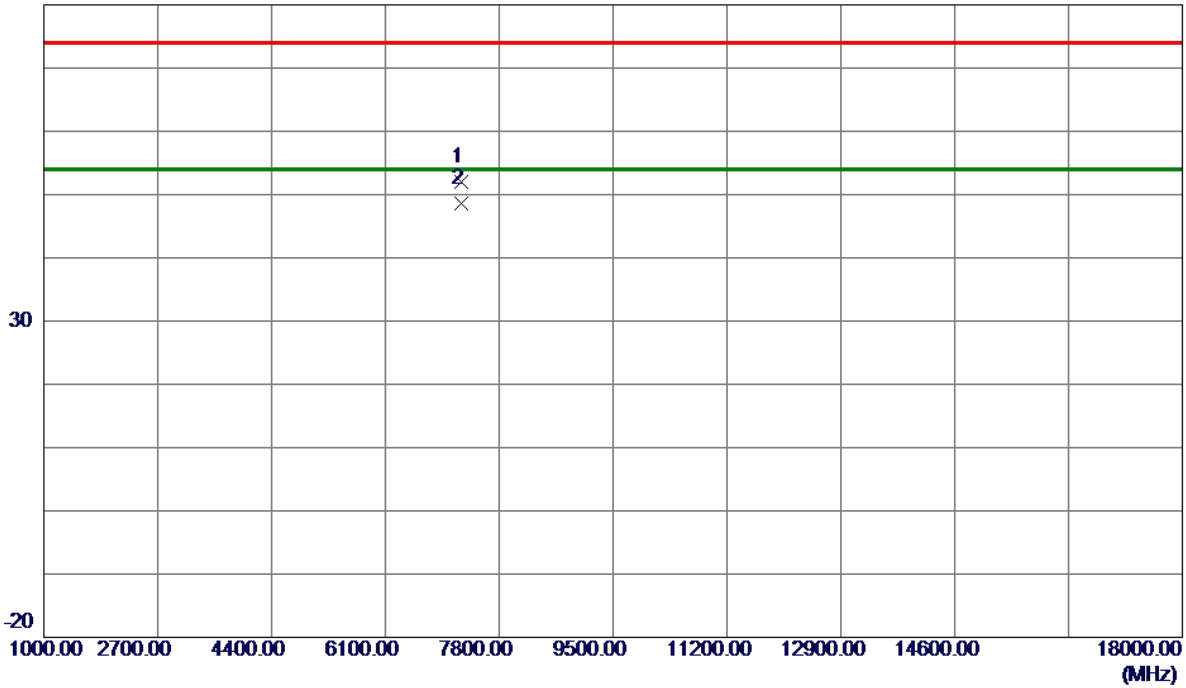
**REMARKS:**

- (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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80 dBuV/m

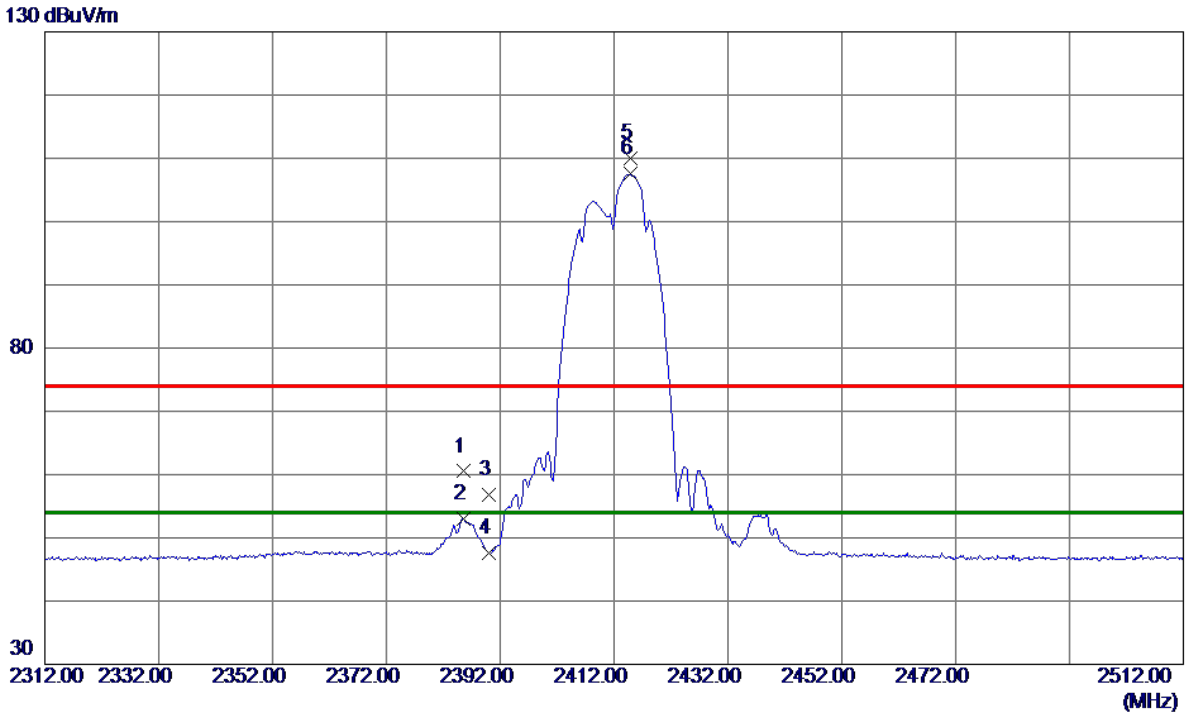


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7237.6470	45.62	6.47	52.09	74.00	-21.91	Peak	
2 *	7237.7960	42.13	6.47	48.60	54.00	-5.40	AVG	

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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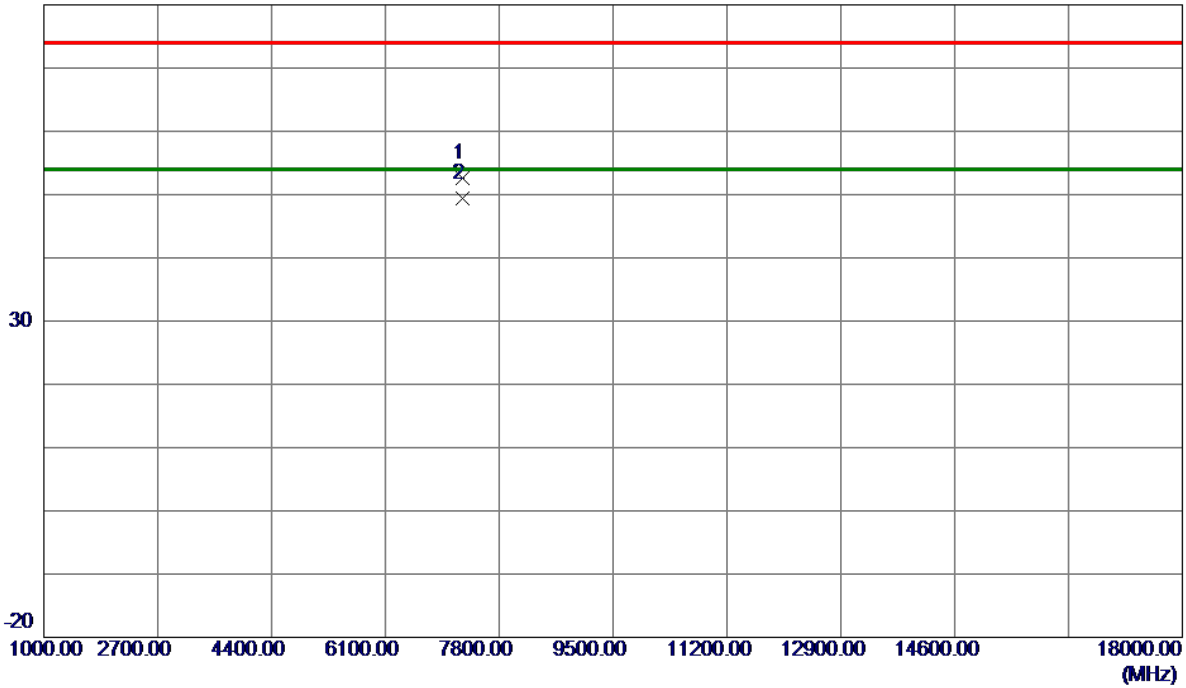
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2385.5000	53.28	7.22	60.50	74.00	-13.50	Peak	
2	2385.5000	45.83	7.22	53.05	54.00	-0.95	AVG	
3	2390.0000	49.59	7.22	56.81	74.00	-17.19	Peak	
4	2390.0000	40.42	7.22	47.64	54.00	-6.36	AVG	
5	2414.8000	102.71	7.24	109.95	74.00	35.95	Peak	No Limit
6 *	2414.8000	100.27	7.24	107.51	54.00	53.51	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	Vertical
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80 dBuV/m

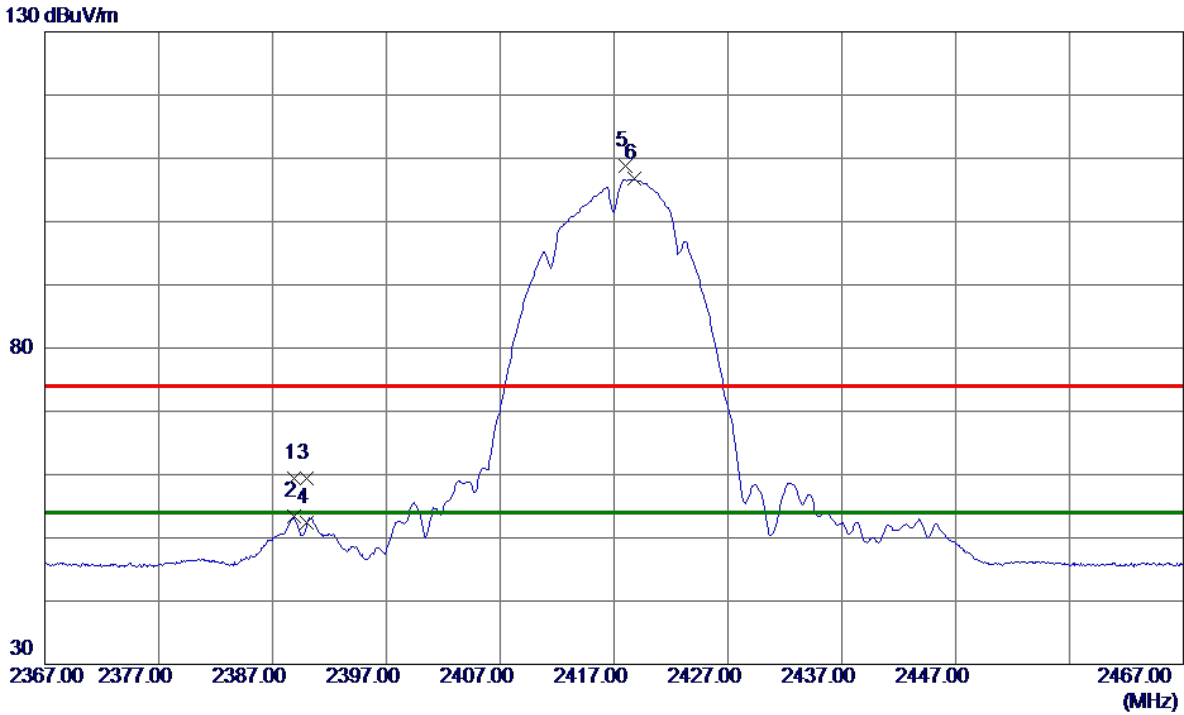


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7251.8250	46.64	5.92	52.56	74.00	-21.44	Peak	
2 *	7251.9000	43.56	5.92	49.48	54.00	-4.52	AVG	

**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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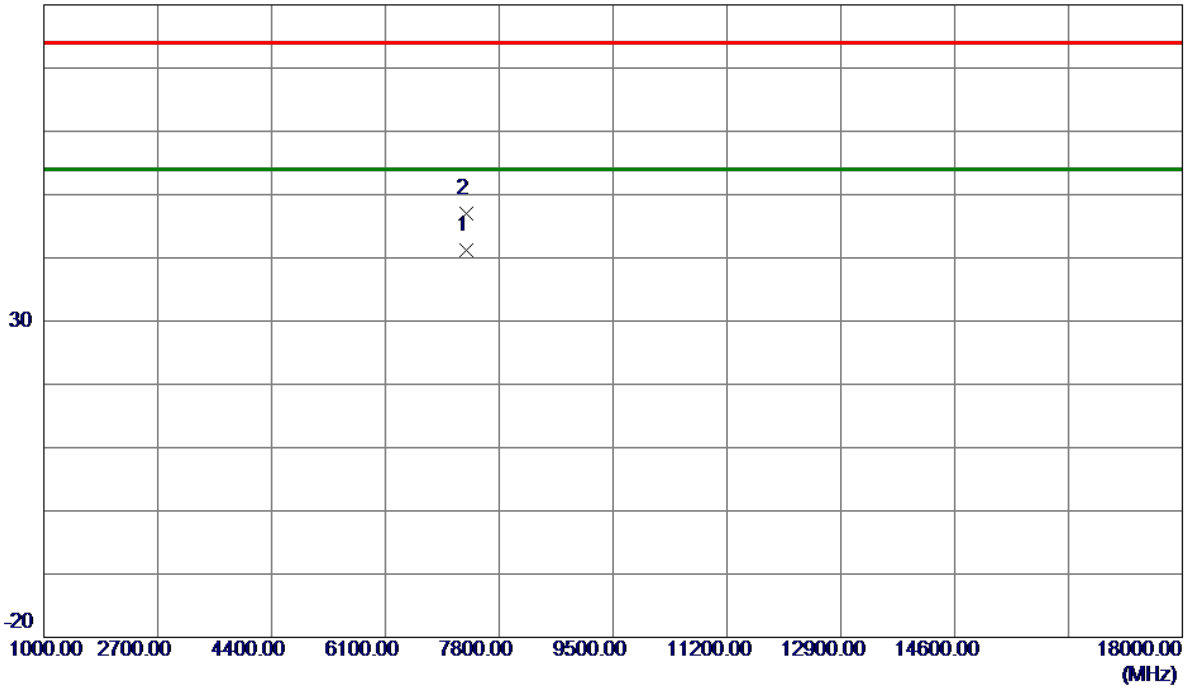
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2388.8500	53.40	6.00	59.40	74.00	-14.60	Peak	
2	2388.8500	47.39	6.00	53.39	54.00	-0.61	AVG	
3	2390.0000	53.31	6.00	59.31	74.00	-14.69	Peak	
4	2390.0000	46.40	6.00	52.40	54.00	-1.60	AVG	
5	2418.0000	102.82	6.00	108.82	74.00	34.82	Peak	No Limit
6 *	2418.8000	100.76	6.00	106.76	54.00	52.76	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

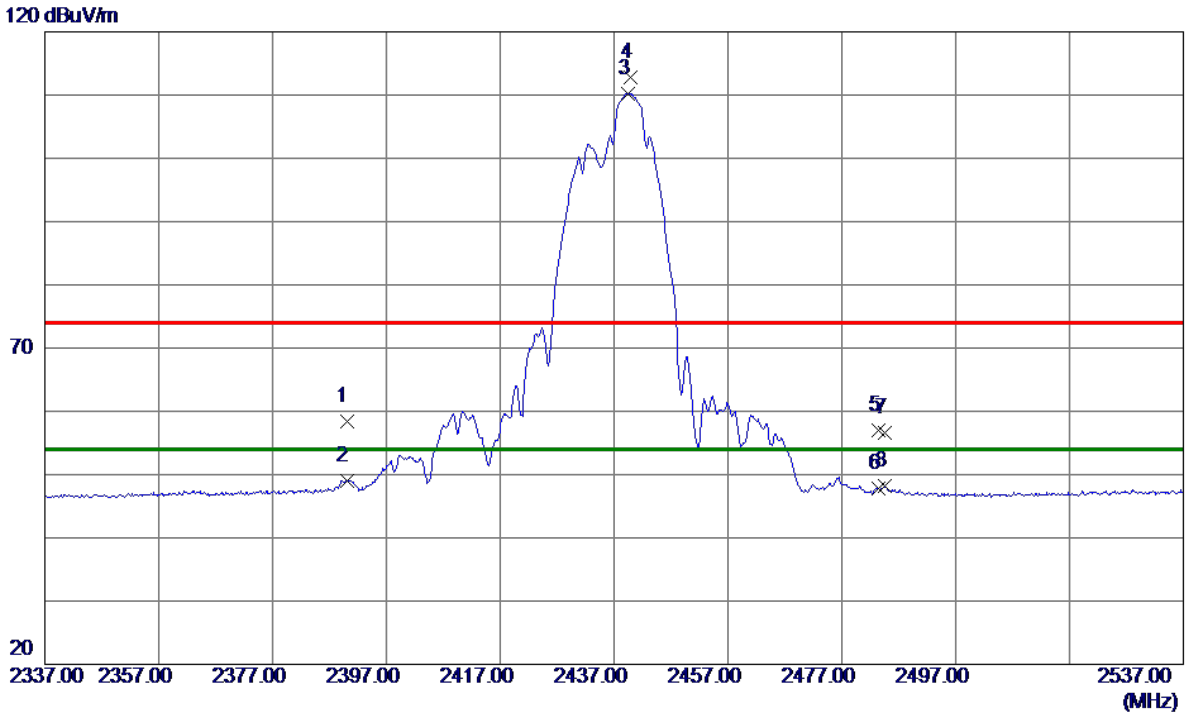


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7311.9230	34.72	6.49	41.21	54.00	-12.79	AVG	
2	7313.2210	40.57	6.49	47.06	74.00	-26.94	Peak	

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	2390.0000	51.16	7.22	58.38	74.00	-15.62	Peak	
2	2390.0000	41.77	7.22	48.99	54.00	-5.01	AVG	
3 *	2439.4000	103.02	7.25	110.27	54.00	56.27	AVG	No Limit
4	2439.8000	105.55	7.25	112.80	74.00	38.80	Peak	No Limit
5	2483.5000	49.69	7.28	56.97	74.00	-17.03	Peak	
6	2483.5000	40.57	7.28	47.85	54.00	-6.15	AVG	
7	2484.5000	49.25	7.28	56.53	74.00	-17.47	Peak	
8	2484.5000	40.83	7.28	48.11	54.00	-5.89	AVG	

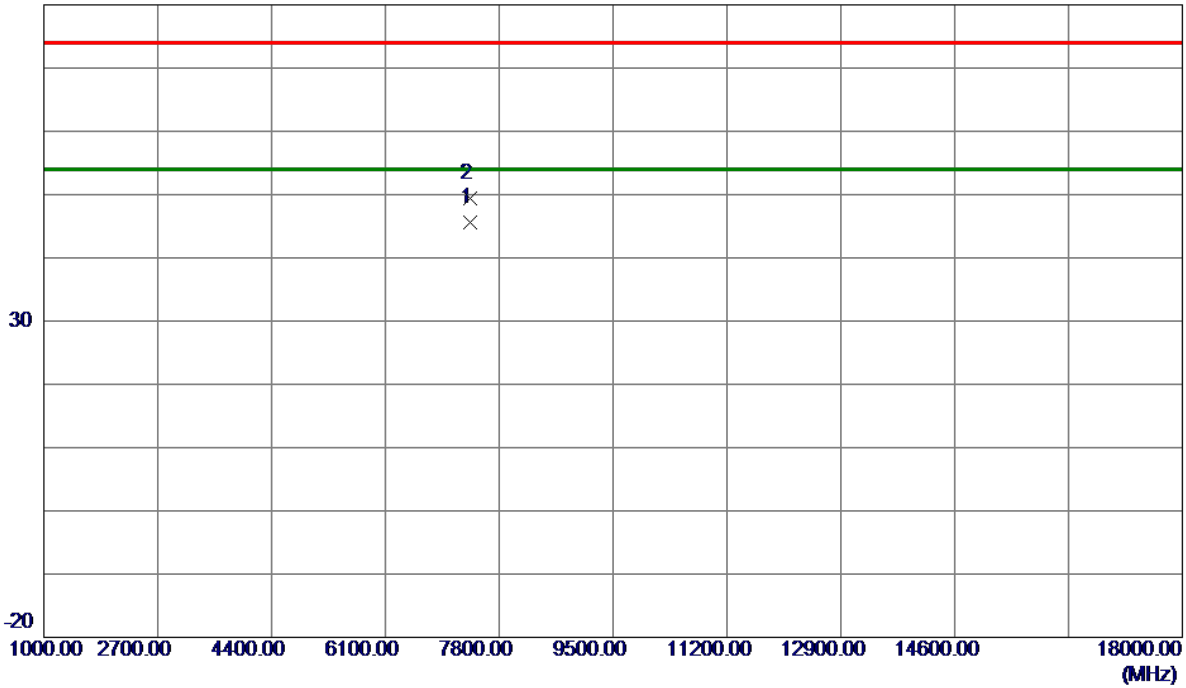
**REMARKS:**

- (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

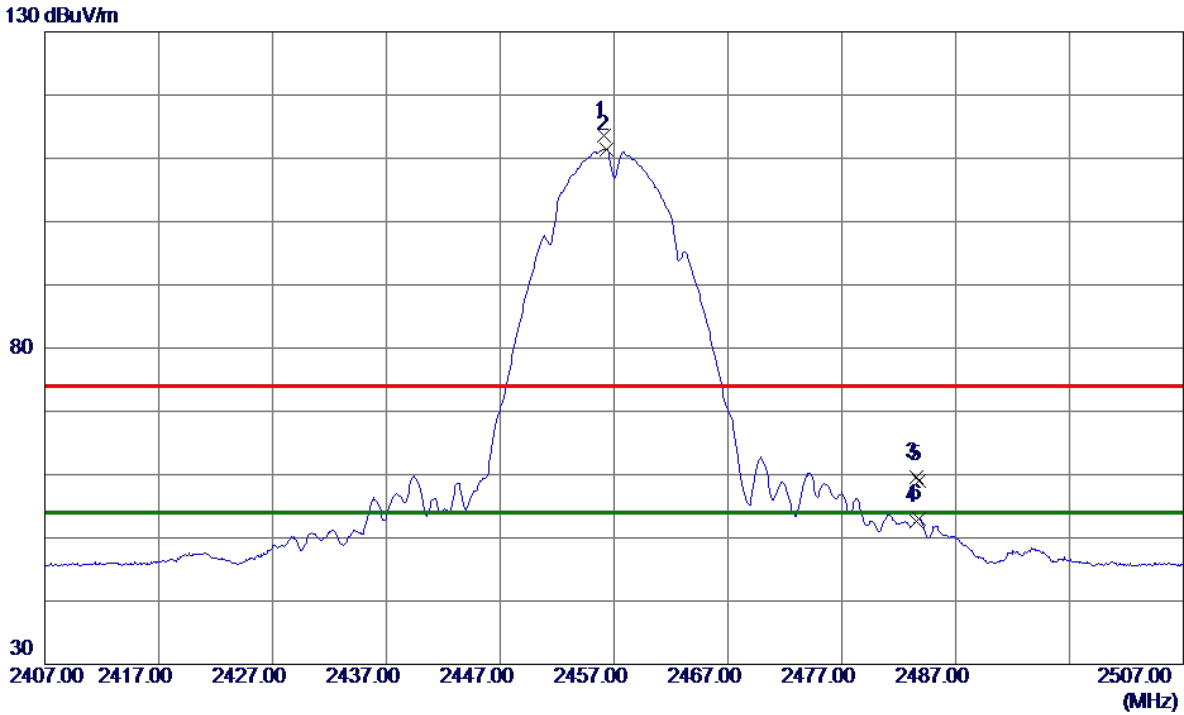


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7371.8250	39.69	5.94	45.63	54.00	-8.37	AVG	
2	7371.9500	43.41	5.94	49.35	74.00	-24.65	Peak	

**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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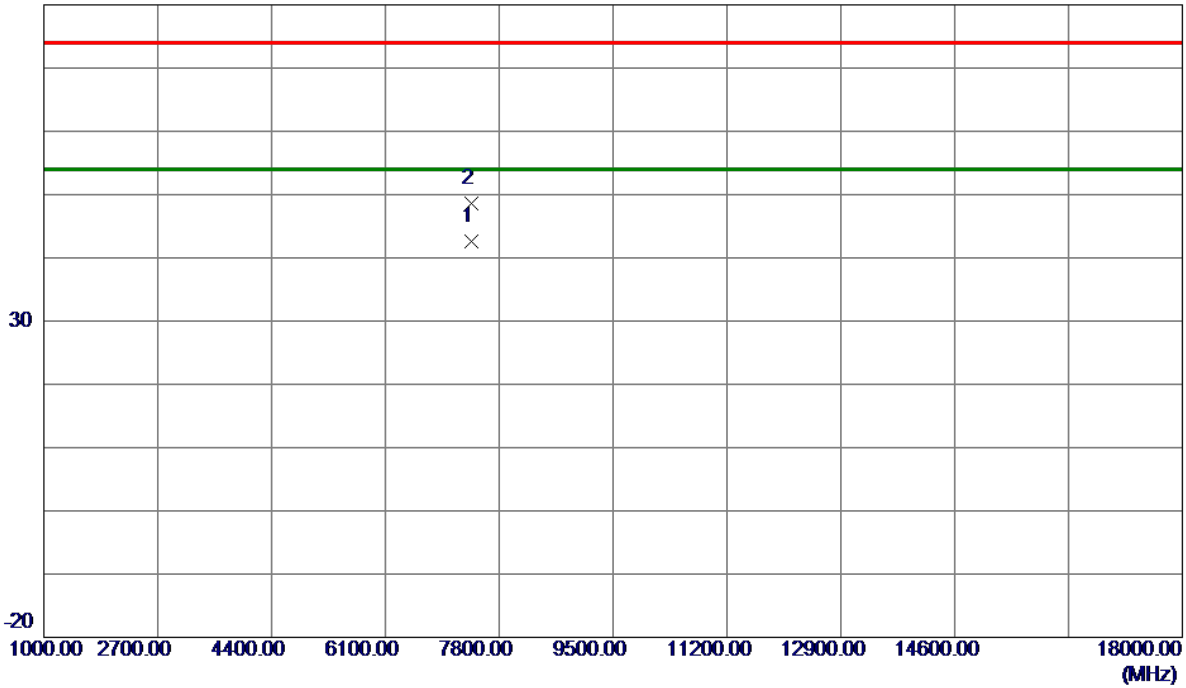
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2456.1500	107.63	6.00	113.63	74.00	39.63	Peak	No Limit
2 *	2456.3000	105.48	6.00	111.48	54.00	57.48	AVG	No Limit
3	2483.5000	53.65	6.00	59.65	74.00	-14.35	Peak	
4	2483.5000	46.51	6.00	52.51	54.00	-1.49	AVG	
5	2483.8000	53.10	6.00	59.10	74.00	-14.90	Peak	
6	2483.8000	46.94	6.00	52.94	54.00	-1.06	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

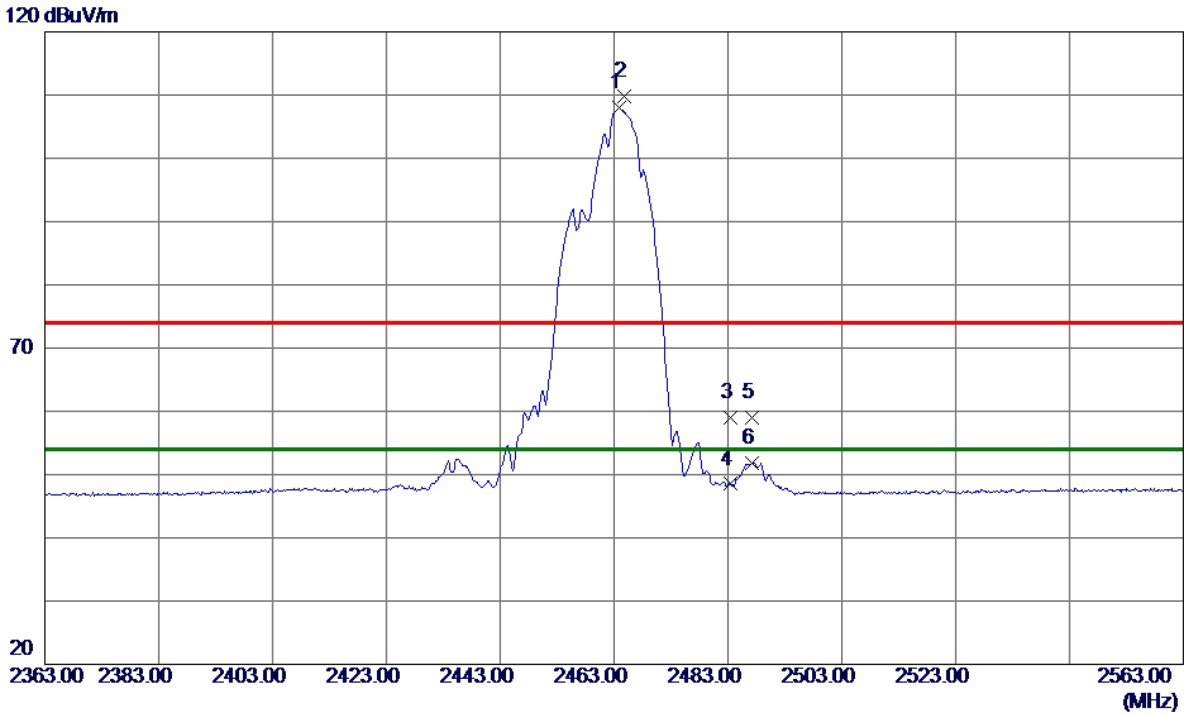


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7387.0230	36.14	6.51	42.65	54.00	-11.35	AVG	
2	7387.3720	42.15	6.51	48.66	74.00	-25.34	Peak	

**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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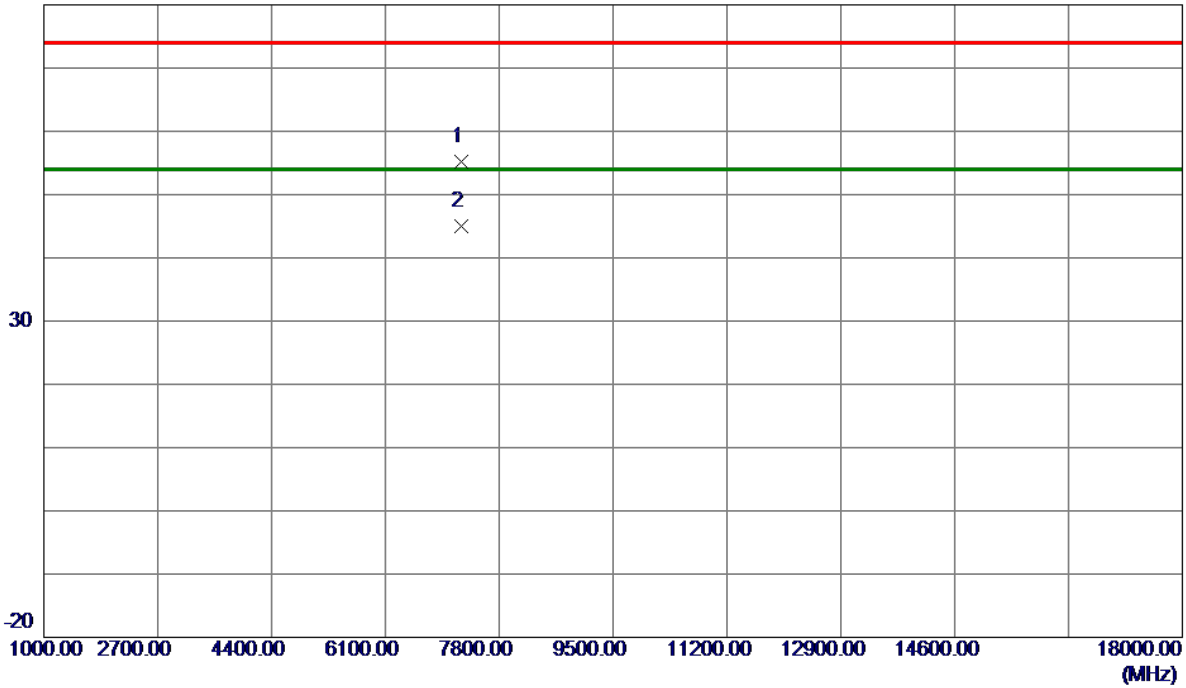
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2463.8000	100.64	7.27	107.91	54.00	53.91	AVG	No Limit
2	2464.8000	102.61	7.27	109.88	74.00	35.88	Peak	No Limit
3	2483.5000	51.70	7.28	58.98	74.00	-15.02	Peak	
4	2483.5000	41.22	7.28	48.50	54.00	-5.50	AVG	
5	2487.3000	51.80	7.28	59.08	74.00	-14.92	Peak	
6	2487.3000	44.56	7.28	51.84	54.00	-2.16	AVG	

**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

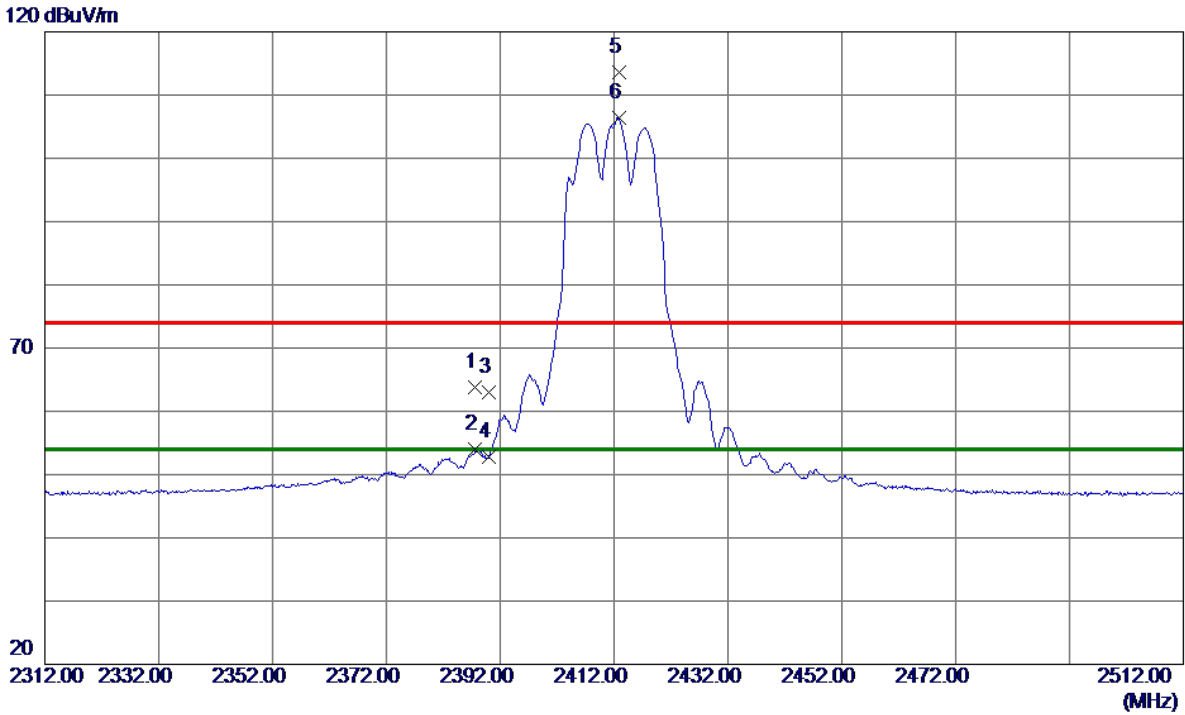


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7237.1500	48.80	6.47	55.27	74.00	-18.73	Peak	
2 *	7237.2500	38.62	6.47	45.09	54.00	-8.91	AVG	

**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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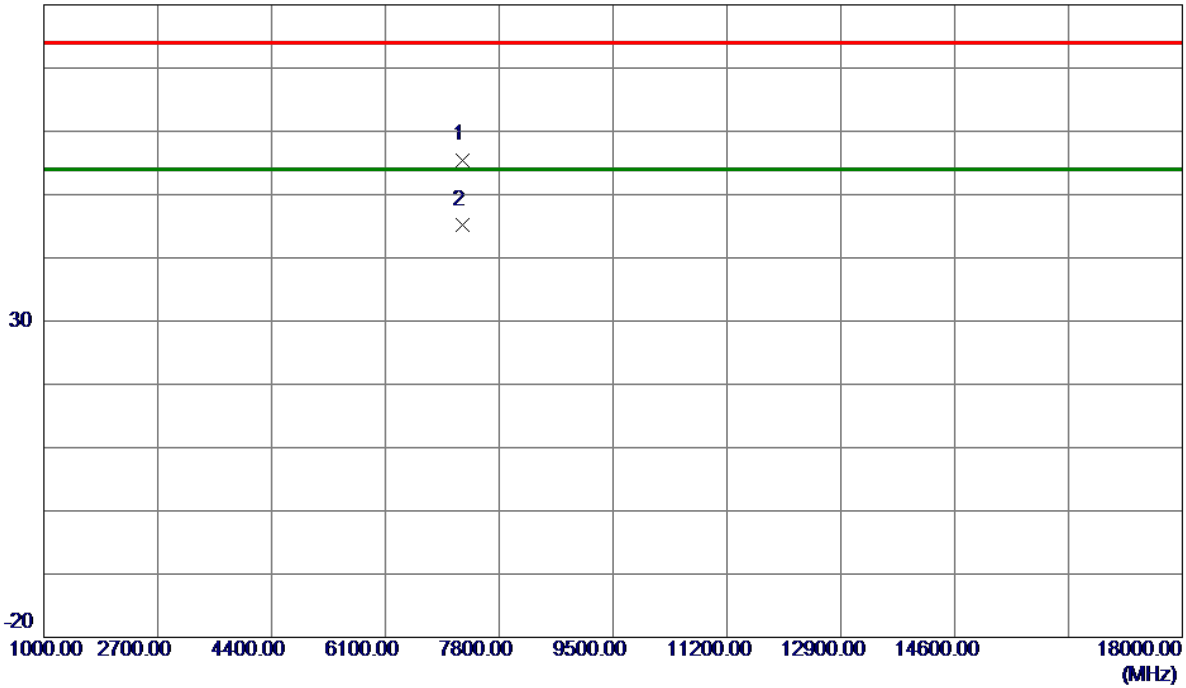
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2387.6000	56.56	7.22	63.78	74.00	-10.22	Peak	
2	2387.6000	46.71	7.22	53.93	54.00	-0.07	AVG	
3	2390.0000	55.78	7.22	63.00	74.00	-11.00	Peak	
4	2390.0000	45.60	7.22	52.82	54.00	-1.18	AVG	
5	2412.8000	106.28	7.24	113.52	74.00	39.52	Peak	No Limit
6 *	2412.8000	99.20	7.24	106.44	54.00	52.44	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	Vertical
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80 dBuV/m

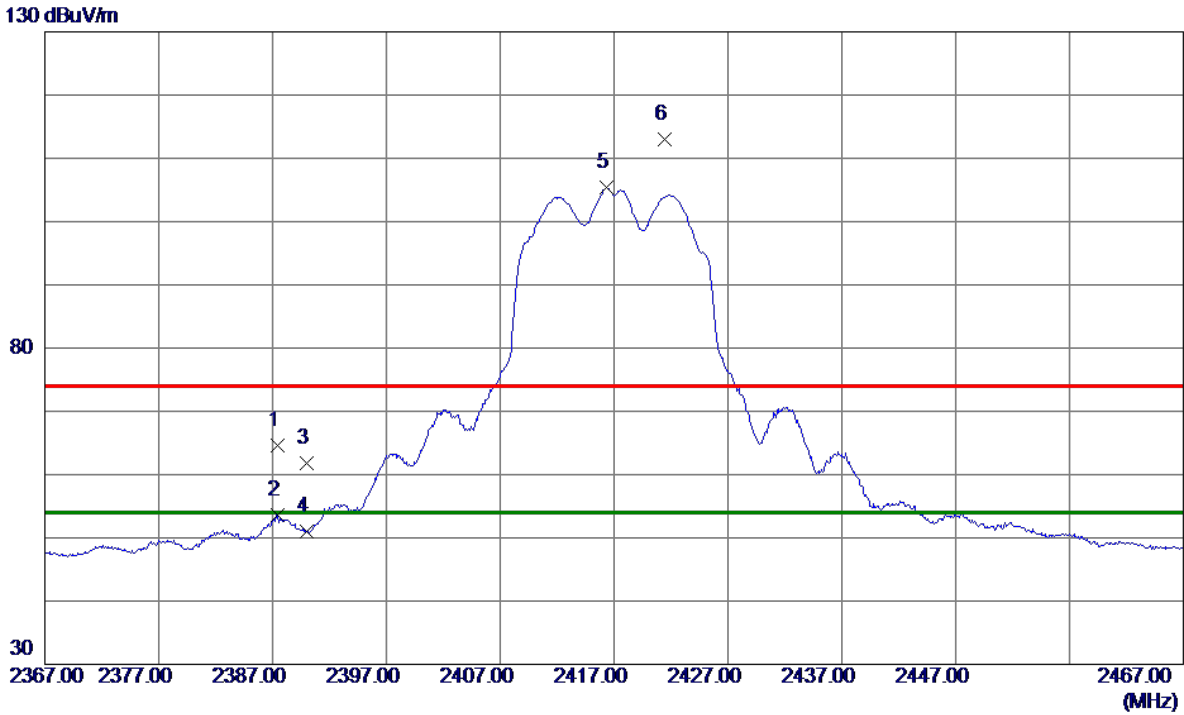


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7247.2500	49.59	5.91	55.50	74.00	-18.50	Peak	
2 *	7252.3000	39.25	5.92	45.17	54.00	-8.83	AVG	

**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	2387.4000	58.52	6.00	64.52	74.00	-9.48	Peak	
2	2387.4000	47.63	6.00	53.63	54.00	-0.37	AVG	
3	2390.0000	55.74	6.00	61.74	74.00	-12.26	Peak	
4	2390.0000	44.93	6.00	50.93	54.00	-3.07	AVG	
5 *	2416.3500	99.31	6.00	105.31	54.00	51.31	AVG	No Limit
6	2421.4500	106.94	6.00	112.94	74.00	38.94	Peak	No Limit

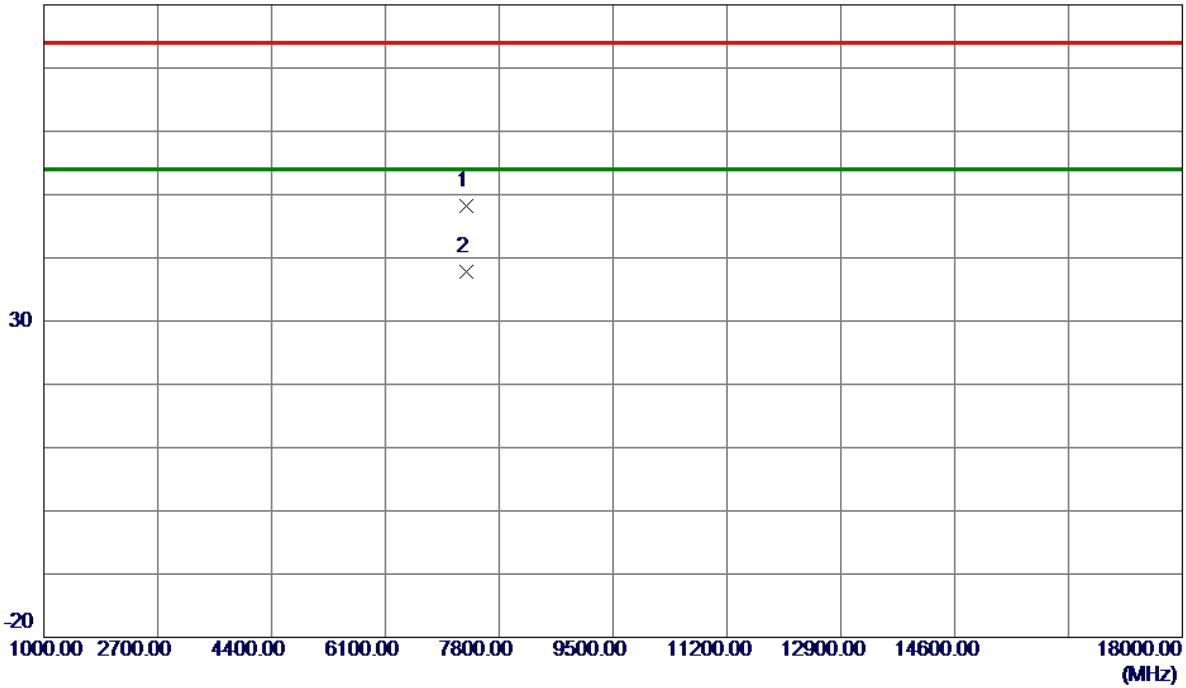
**REMARKS:**

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



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

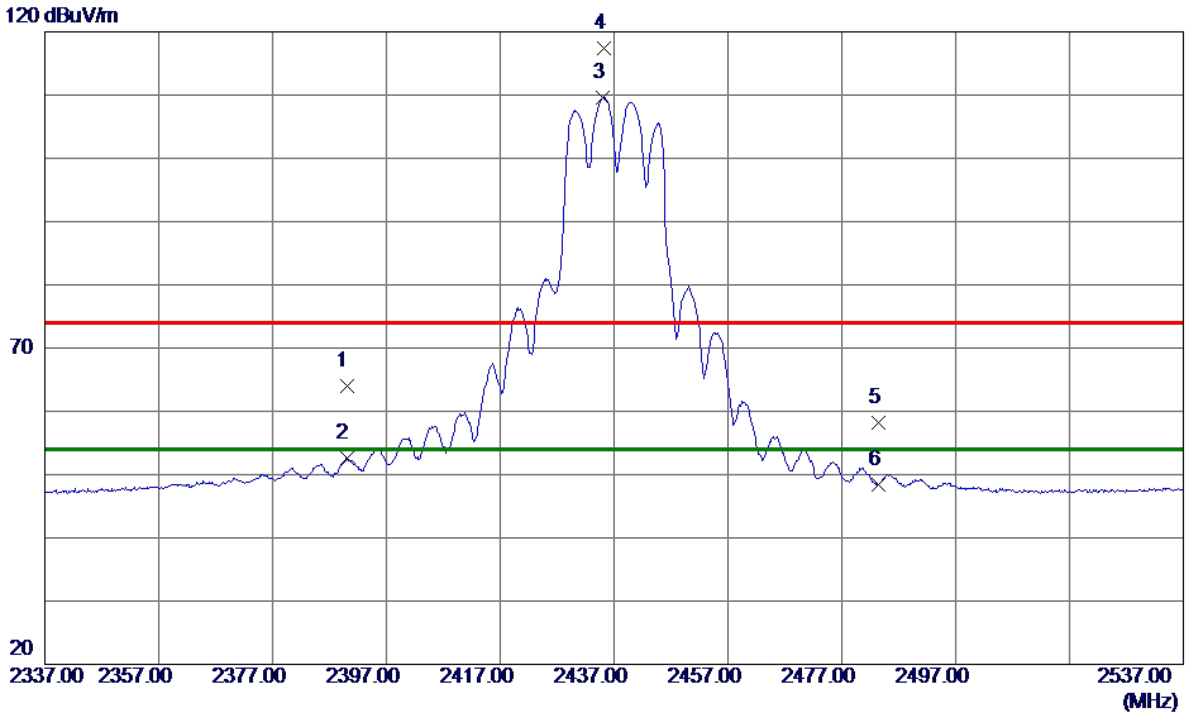


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7307.5000	41.68	6.49	48.17	74.00	-25.83	Peak	
2 *	7312.6500	31.27	6.49	37.76	54.00	-16.24	AVG	

**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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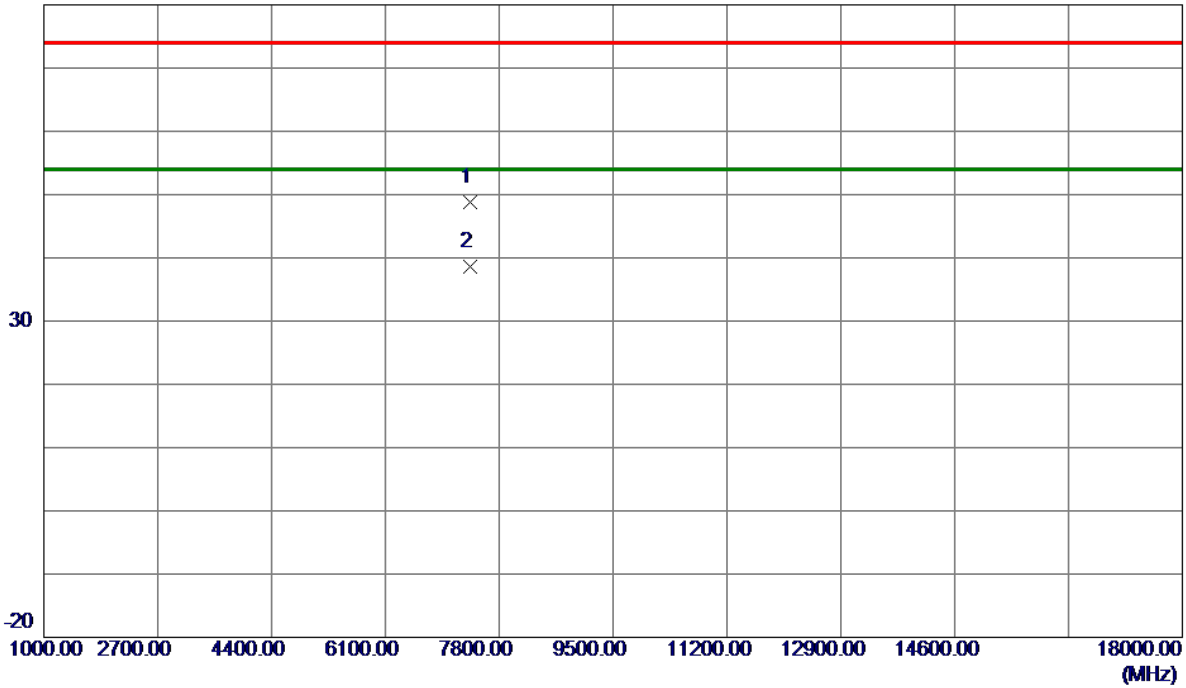
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	56.85	7.22	64.07	74.00	-9.93	Peak	
2	2390.0000	45.29	7.22	52.51	54.00	-1.49	AVG	
3 *	2435.0000	102.28	7.25	109.53	54.00	55.53	AVG	No Limit
4	2435.3000	110.06	7.25	117.31	74.00	43.31	Peak	No Limit
5	2483.5000	50.89	7.28	58.17	74.00	-15.83	Peak	
6	2483.5000	41.15	7.28	48.43	54.00	-5.57	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

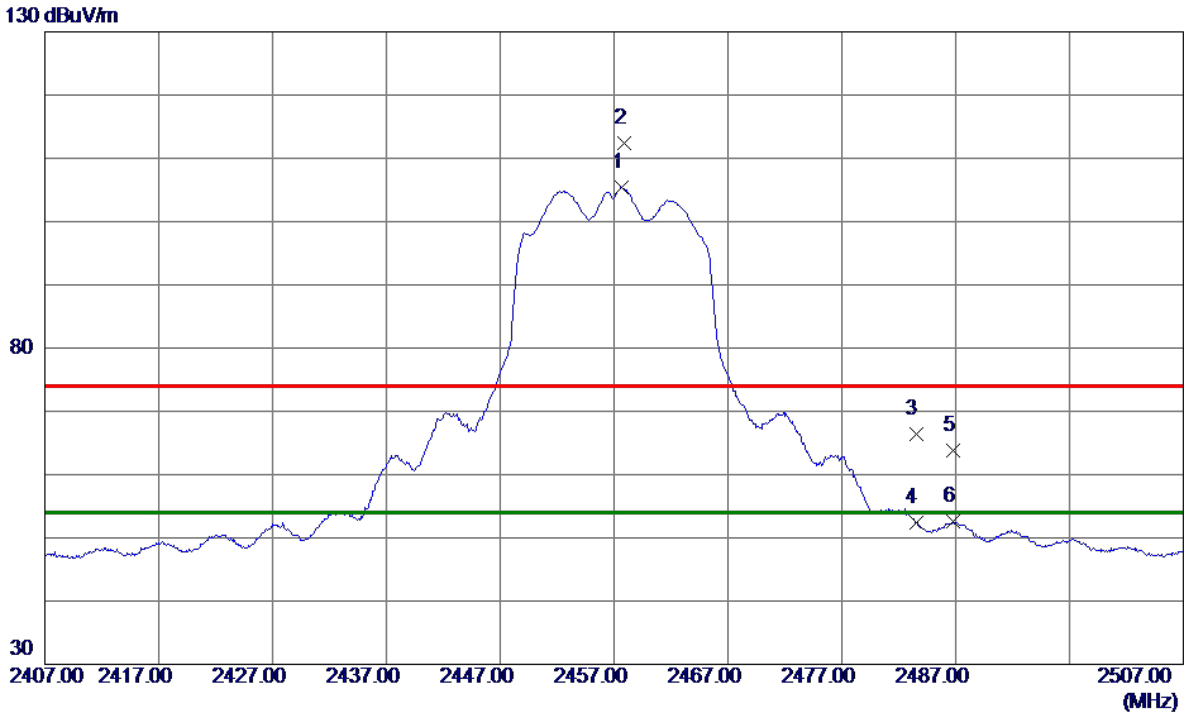


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7370.3000	42.86	5.94	48.80	74.00	-25.20	Peak	
2 *	7370.5500	32.75	5.94	38.69	54.00	-15.31	AVG	

**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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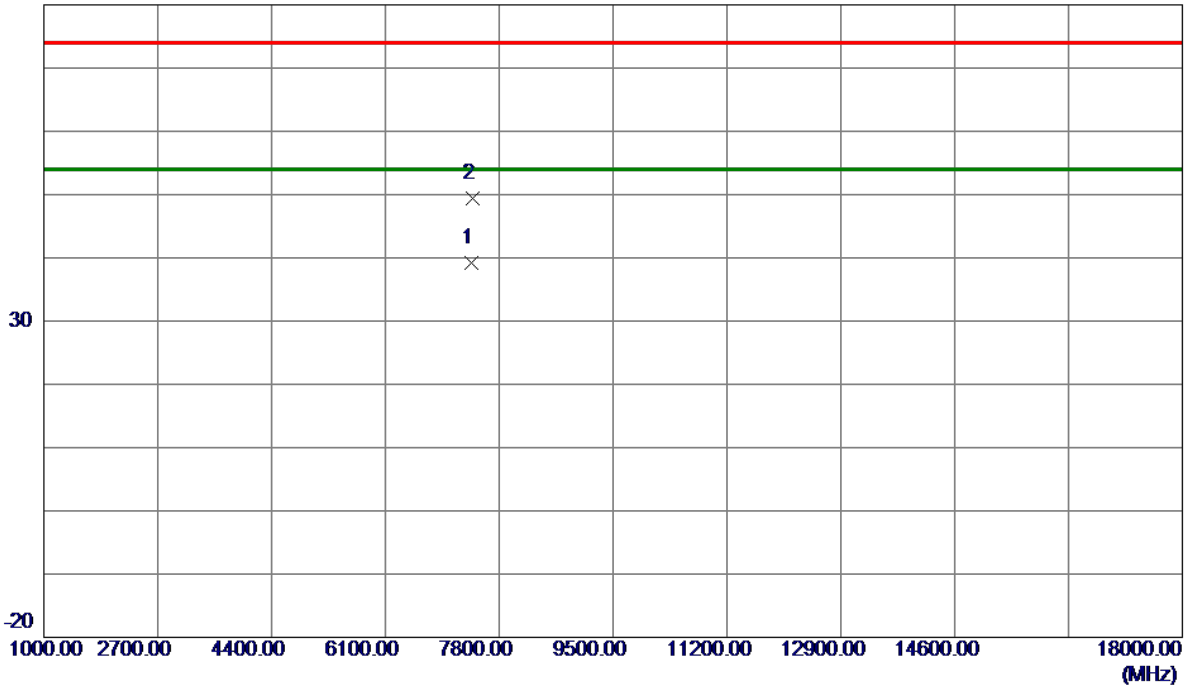
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2457.7000	99.42	6.00	105.42	54.00	51.42	AVG	No Limit
2	2457.9000	106.31	6.00	112.31	74.00	38.31	Peak	No Limit
3	2483.5000	60.33	6.00	66.33	74.00	-7.67	Peak	
4	2483.5000	46.45	6.00	52.45	54.00	-1.55	AVG	
5	2486.7500	57.85	6.00	63.85	74.00	-10.15	Peak	
6	2486.7500	46.55	6.00	52.55	54.00	-1.45	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

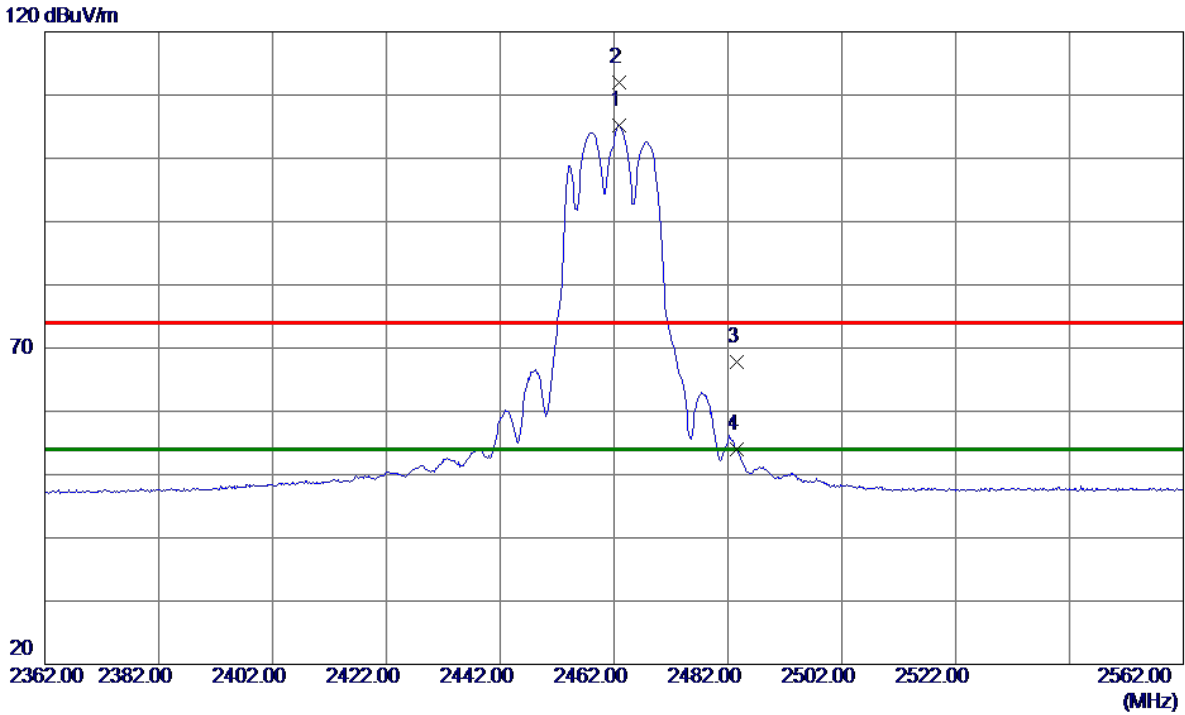


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7384.9500	32.65	6.51	39.16	54.00	-14.84	AVG	
2	7395.6000	42.81	6.52	49.33	74.00	-24.67	Peak	

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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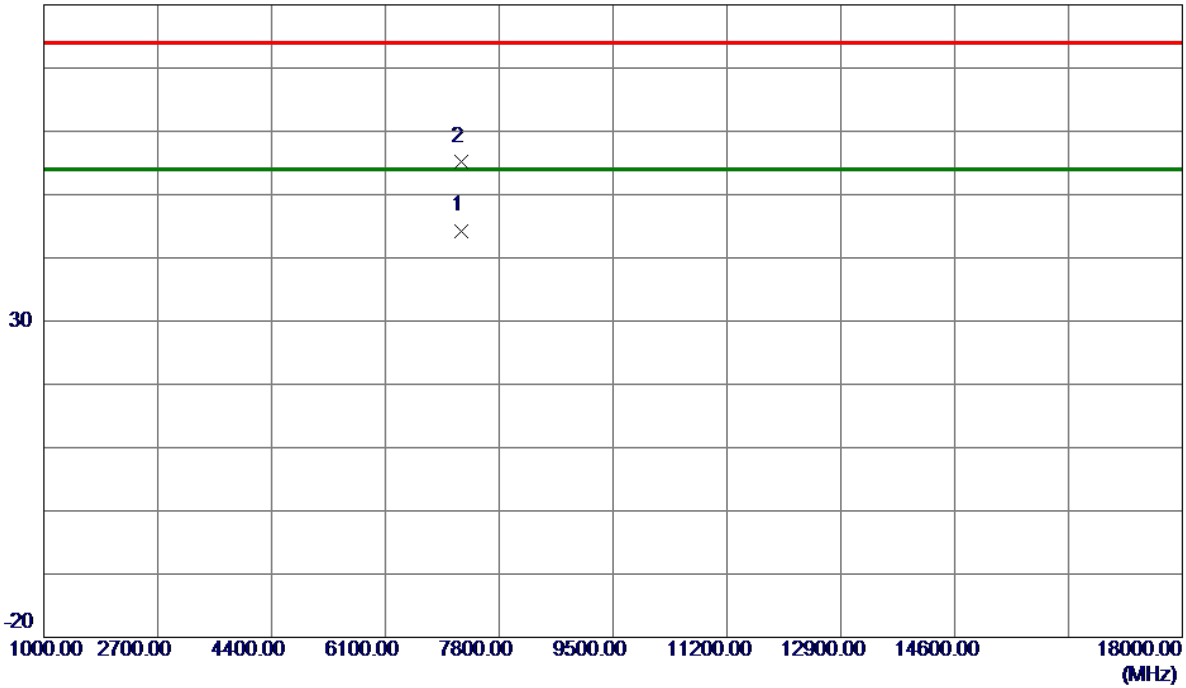
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2462.8000	98.00	7.27	105.27	54.00	51.27	AVG	No Limit
2	2462.9000	104.80	7.27	112.07	74.00	38.07	Peak	No Limit
3	2483.5000	60.53	7.28	67.81	74.00	-6.19	Peak	
4	2483.5000	46.63	7.28	53.91	54.00	-0.09	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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80 dBuV/m

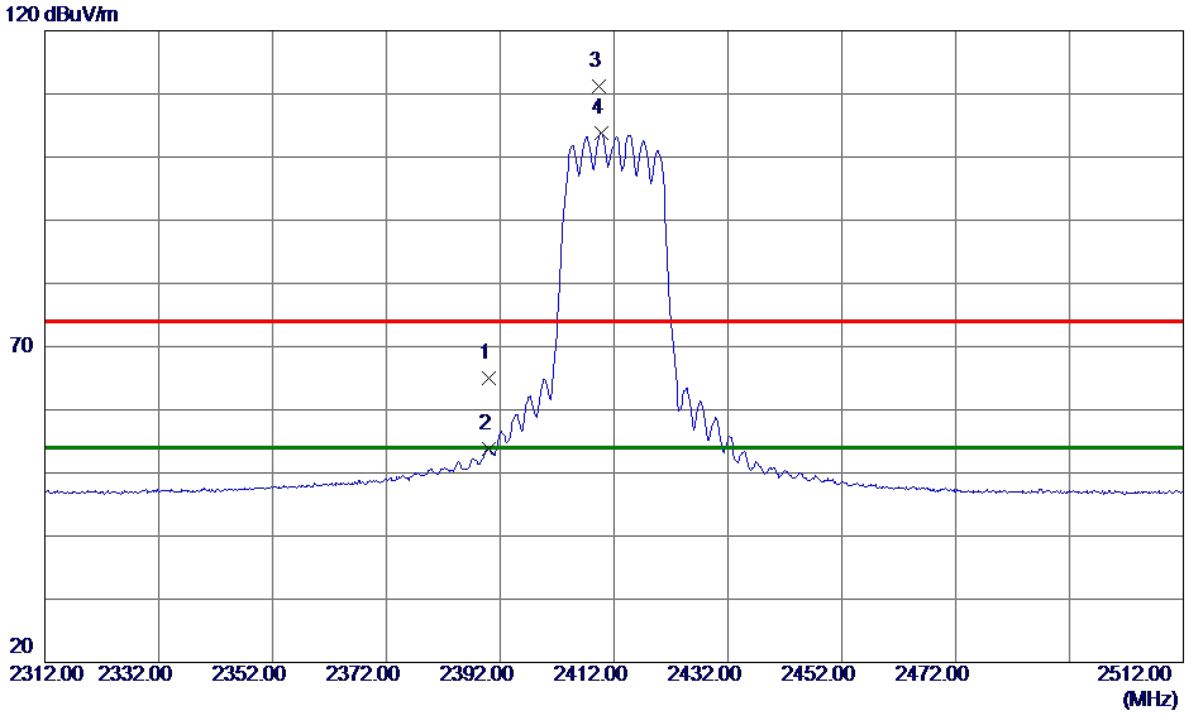


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7236.4000	37.83	6.47	44.30	54.00	-9.70	AVG	
2	7236.7500	48.75	6.47	55.22	74.00	-18.78	Peak	

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	57.81	7.22	65.03	74.00	-8.97	Peak	
2	2390.0000	46.55	7.22	53.77	54.00	-0.23	AVG	
3	2409.4000	103.88	7.24	111.12	74.00	37.12	Peak	No Limit
4 *	2409.7000	96.64	7.24	103.88	54.00	49.88	AVG	No Limit

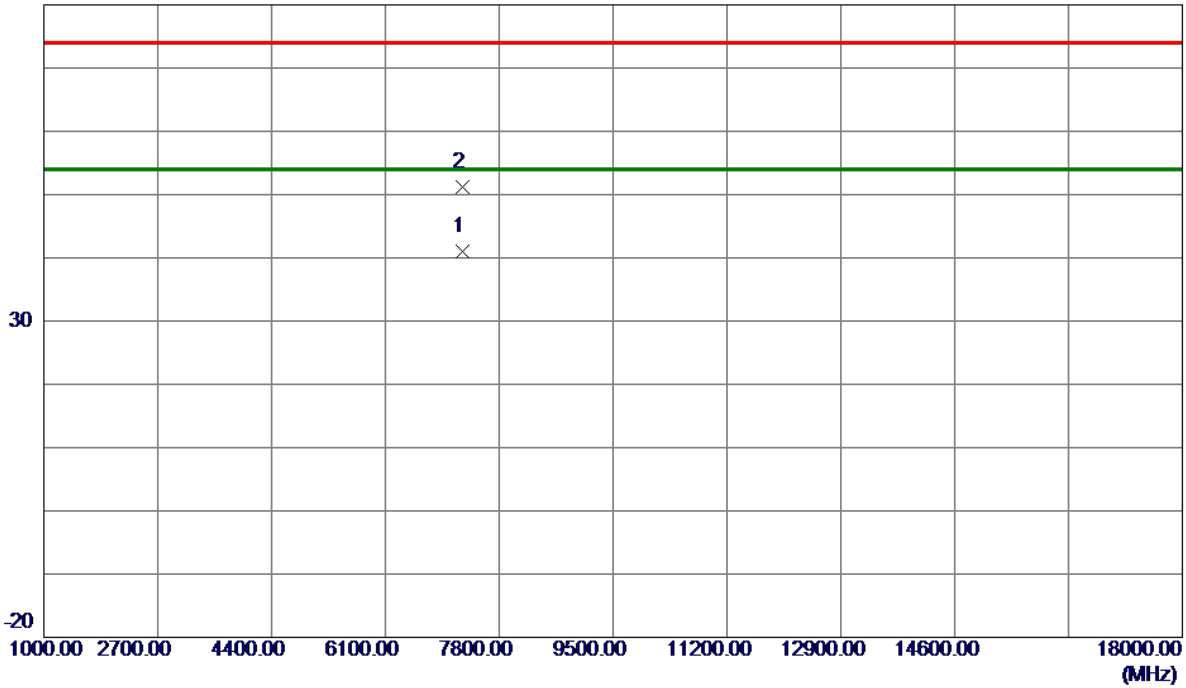
**REMARKS:**

- (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

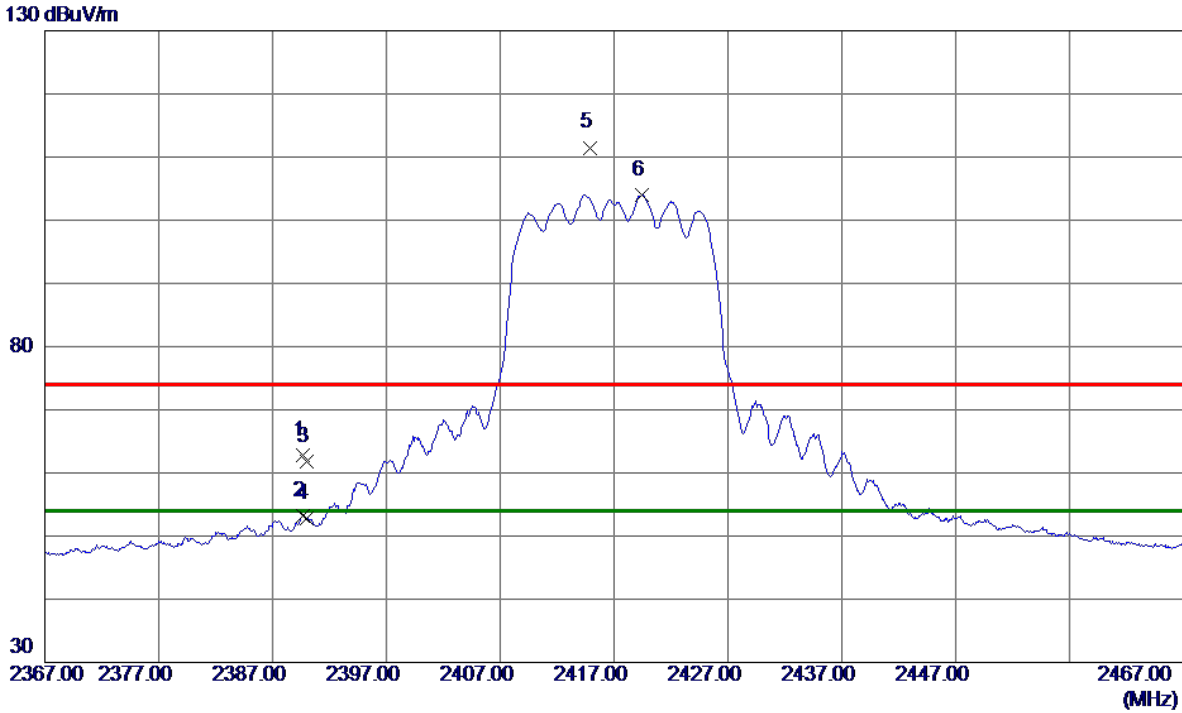


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7249.0500	35.11	5.91	41.02	54.00	-12.98	AVG	
2	7252.2750	45.19	5.92	51.11	74.00	-22.89	Peak	

**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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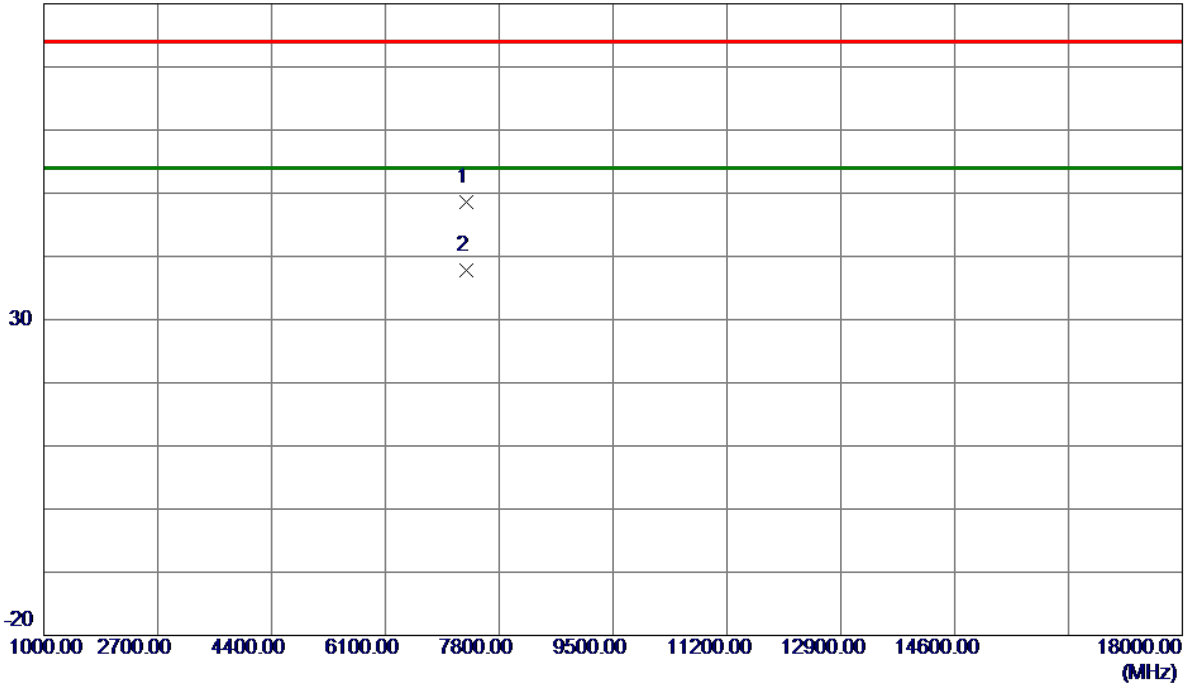
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2389.6500	56.86	6.00	62.86	74.00	-11.14	Peak	
2	2389.6500	47.26	6.00	53.26	54.00	-0.74	AVG	
3	2390.0000	55.83	6.00	61.83	74.00	-12.17	Peak	
4	2390.0000	46.80	6.00	52.80	54.00	-1.20	AVG	
5	2414.9000	105.50	6.00	111.50	74.00	37.50	Peak	No Limit
6 *	2419.4500	98.08	6.00	104.08	54.00	50.08	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	Vertical
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80 dBuV/m



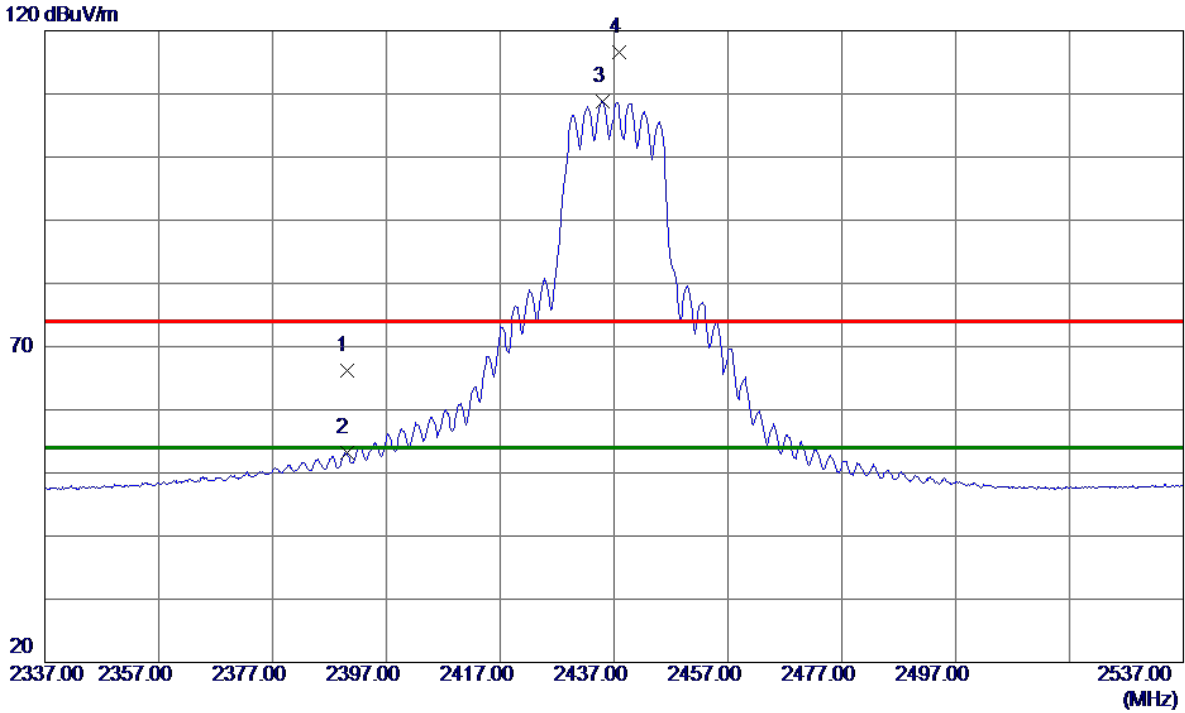
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7302.9500	42.07	6.49	48.56	74.00	-25.44	Peak	
2 *	7308.0500	31.29	6.49	37.78	54.00	-16.22	AVG	

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	2390.0000	58.98	7.22	66.20	74.00	-7.80	Peak	
2	2390.0000	46.07	7.22	53.29	54.00	-0.71	AVG	
3 *	2434.9000	101.64	7.25	108.89	54.00	54.89	AVG	No Limit
4	2437.9000	109.40	7.25	116.65	74.00	42.65	Peak	No Limit

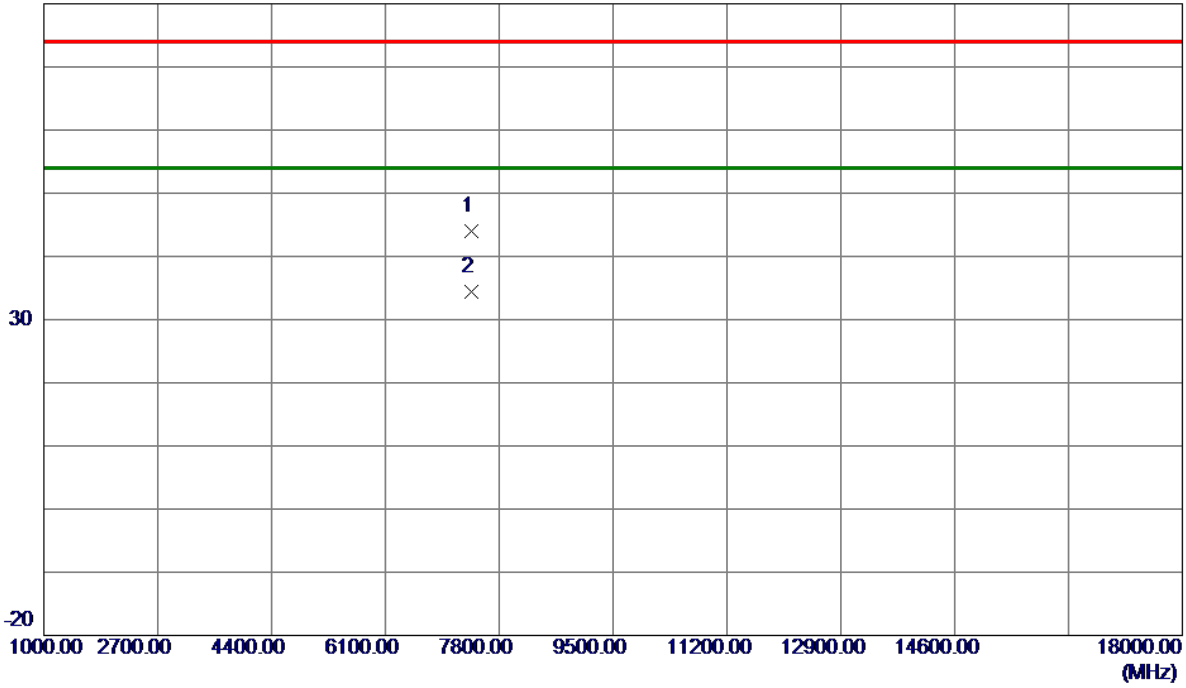
**REMARKS:**

(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

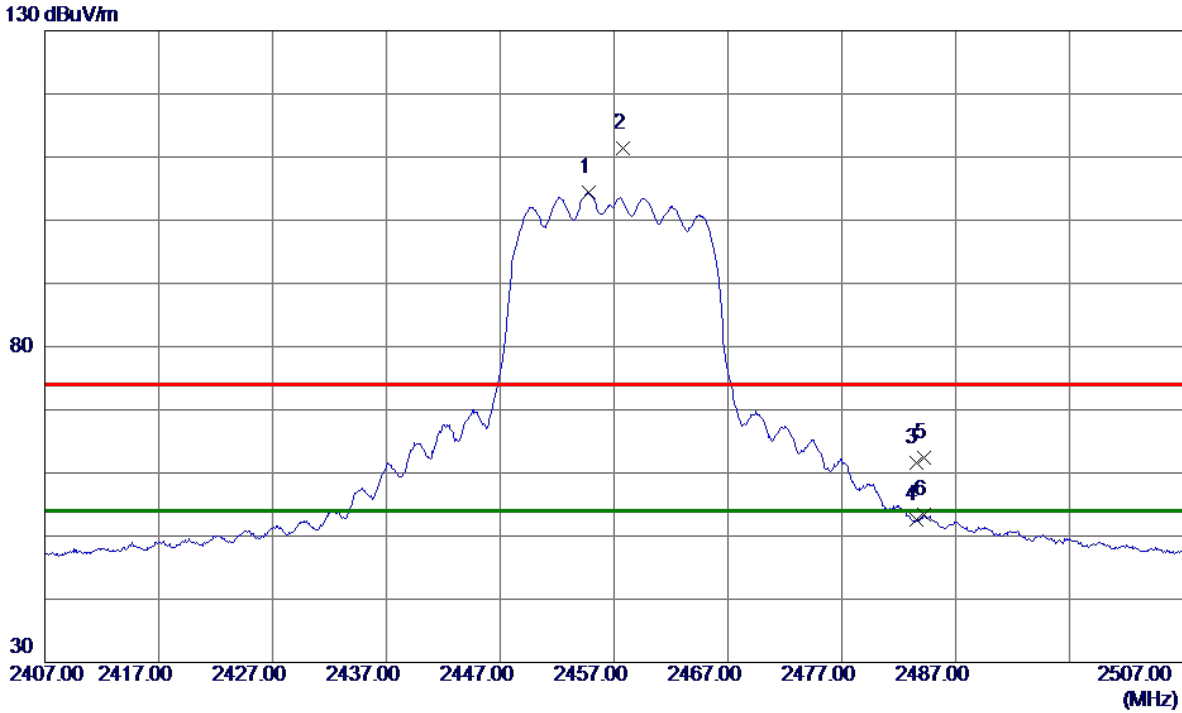


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7375.4500	38.12	5.94	44.06	74.00	-29.94	Peak	
2 *	7375.6500	28.44	5.94	34.38	54.00	-19.62	AVG	

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 *	2454.8000	98.40	6.00	104.40	54.00	50.40	AVG	No Limit
2	2457.8000	105.48	6.00	111.48	74.00	37.48	Peak	No Limit
3	2483.5000	55.65	6.00	61.65	74.00	-12.35	Peak	
4	2483.5000	46.55	6.00	52.55	54.00	-1.45	AVG	
5	2484.2500	56.33	6.00	62.33	74.00	-11.67	Peak	
6	2484.2500	47.39	6.00	53.39	54.00	-0.61	AVG	

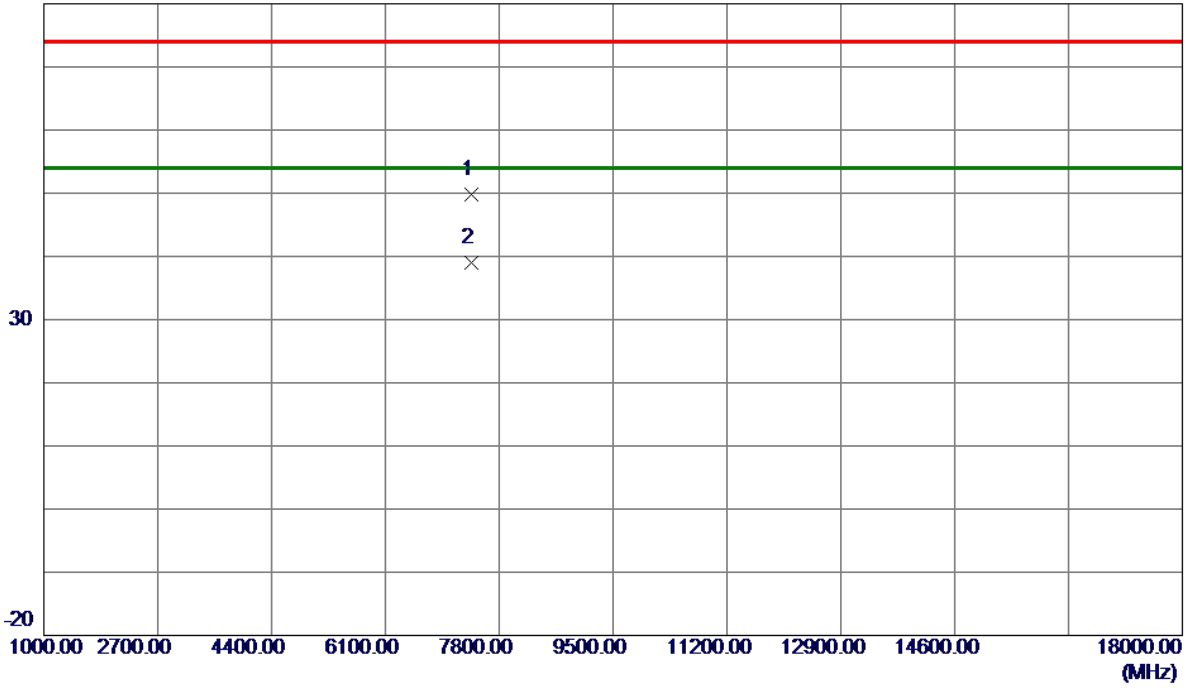
**REMARKS:**

(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

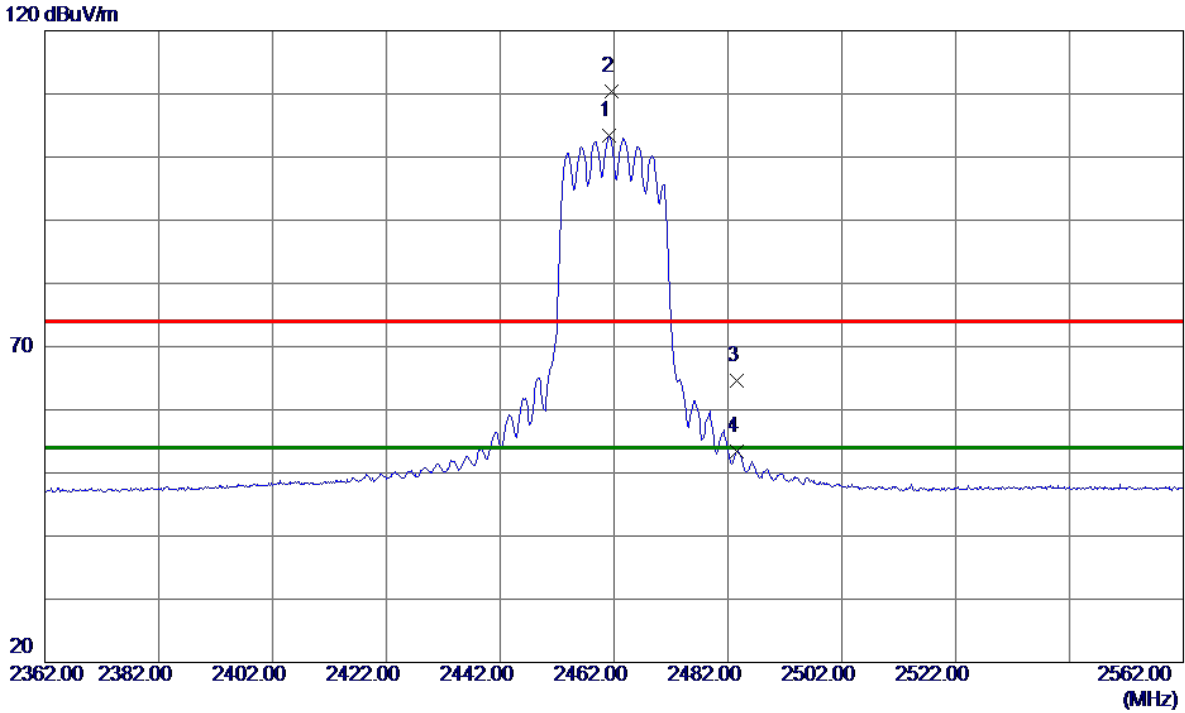


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7383.2000	43.21	6.51	49.72	74.00	-24.28	Peak	
2 *	7385.5500	32.56	6.51	39.07	54.00	-14.93	AVG	

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 *	2461.1000	96.09	7.27	103.36	54.00	49.36	AVG	No Limit
2	2461.5000	103.11	7.27	110.38	74.00	36.38	Peak	No Limit
3	2483.5000	57.39	7.28	64.67	74.00	-9.33	Peak	
4	2483.5000	46.04	7.28	53.32	54.00	-0.68	AVG	

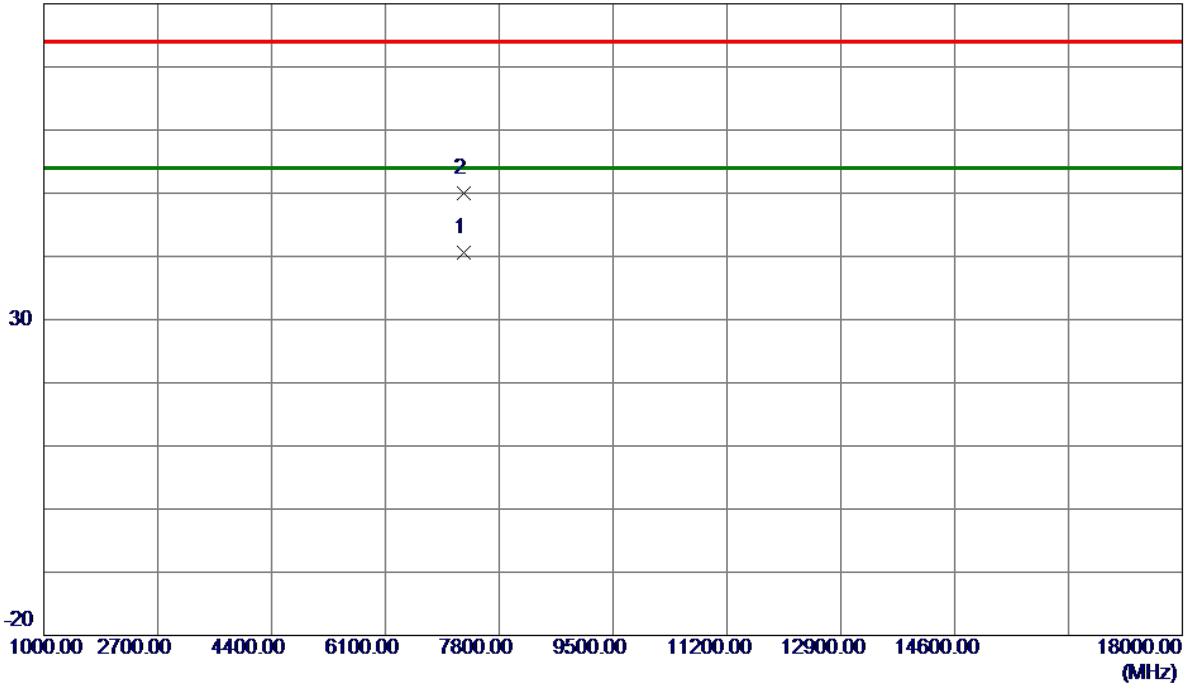
**REMARKS:**

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



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

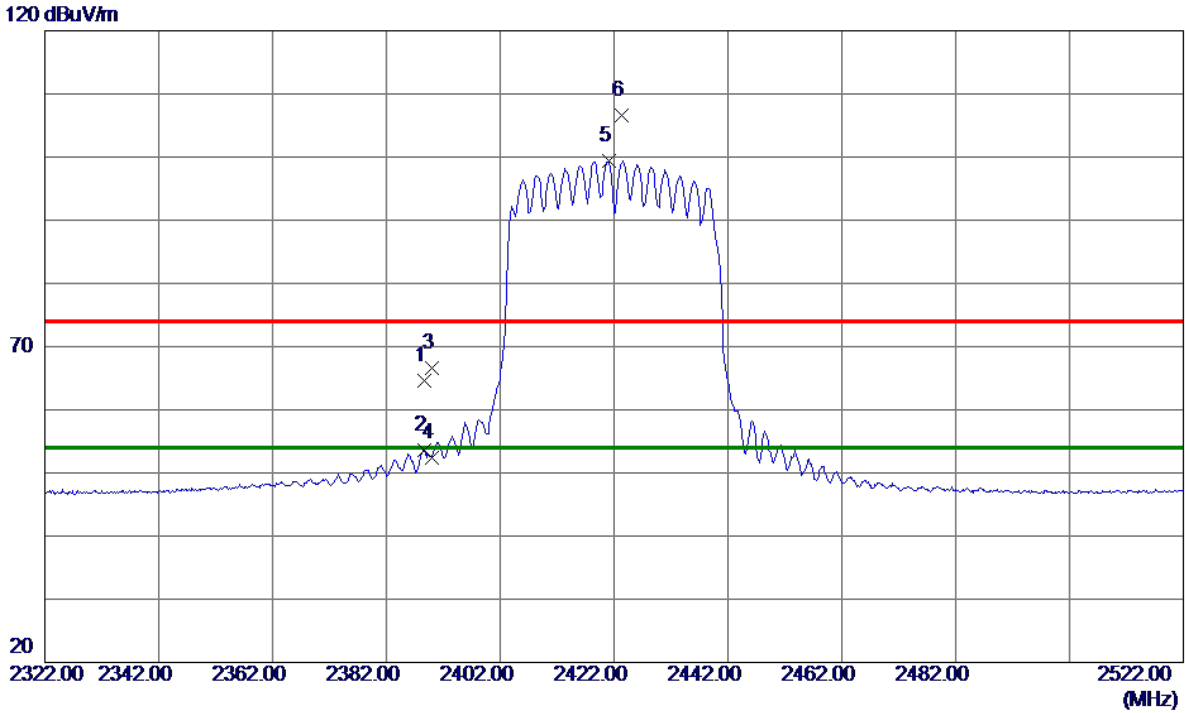


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7261.8000	34.04	6.47	40.51	54.00	-13.49	AVG	
2	7264.4500	43.52	6.47	49.99	74.00	-24.01	Peak	

**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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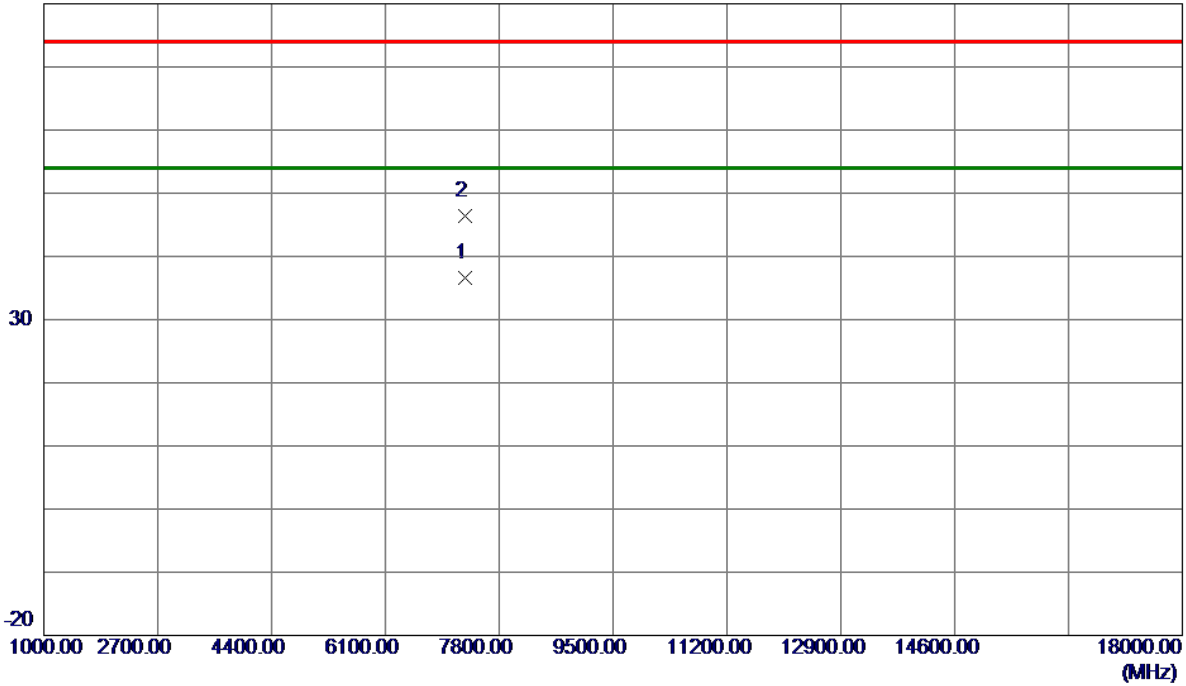
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2388.6000	57.41	7.22	64.63	74.00	-9.37	Peak	
2	2388.6000	46.44	7.22	53.66	54.00	-0.34	AVG	
3	2390.0000	59.29	7.22	66.51	74.00	-7.49	Peak	
4	2390.0000	45.26	7.22	52.48	54.00	-1.52	AVG	
5 *	2421.1000	92.21	7.24	99.45	54.00	45.45	AVG	No Limit
6	2423.4000	99.41	7.24	106.65	74.00	32.65	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

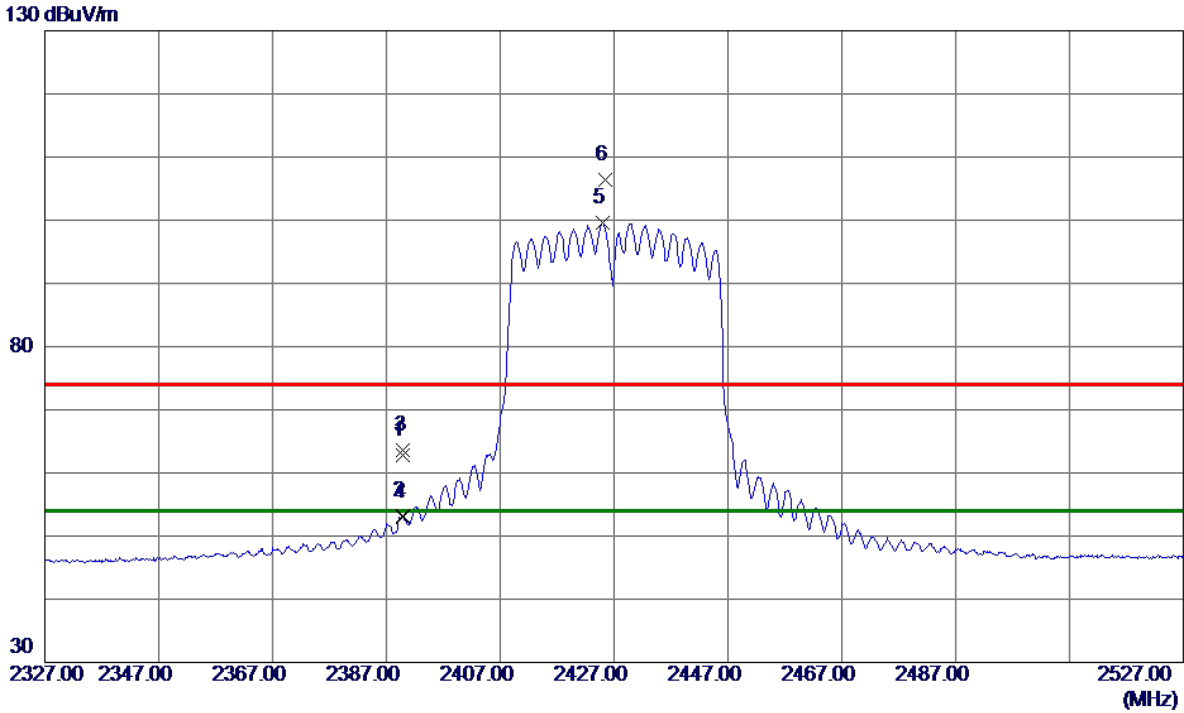


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7283.0000	30.73	5.92	36.65	54.00	-17.35	AVG	
2	7290.5000	40.51	5.92	46.43	74.00	-27.57	Peak	

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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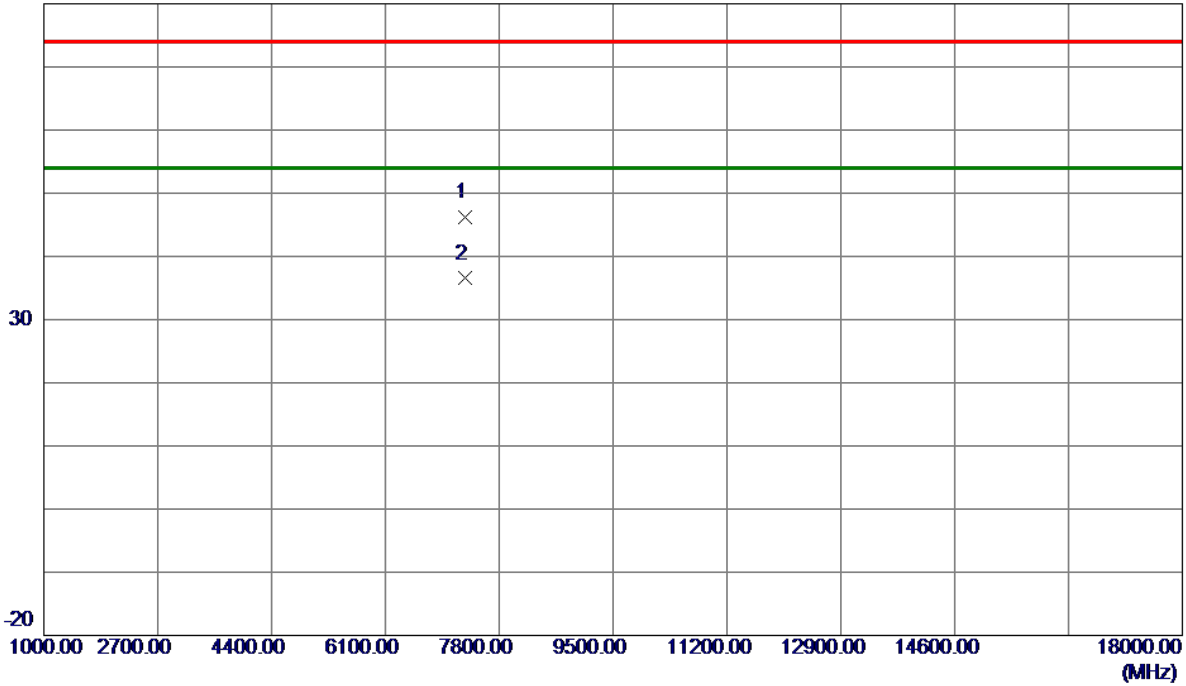
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2389.8000	56.83	6.00	62.83	74.00	-11.17	Peak	
2	2389.8000	47.28	6.00	53.28	54.00	-0.72	AVG	
3	2390.0000	57.52	6.00	63.52	74.00	-10.48	Peak	
4	2390.0000	46.99	6.00	52.99	54.00	-1.01	AVG	
5 *	2424.9000	93.58	6.00	99.58	54.00	45.58	AVG	No Limit
6	2425.4000	100.36	6.00	106.36	74.00	32.36	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

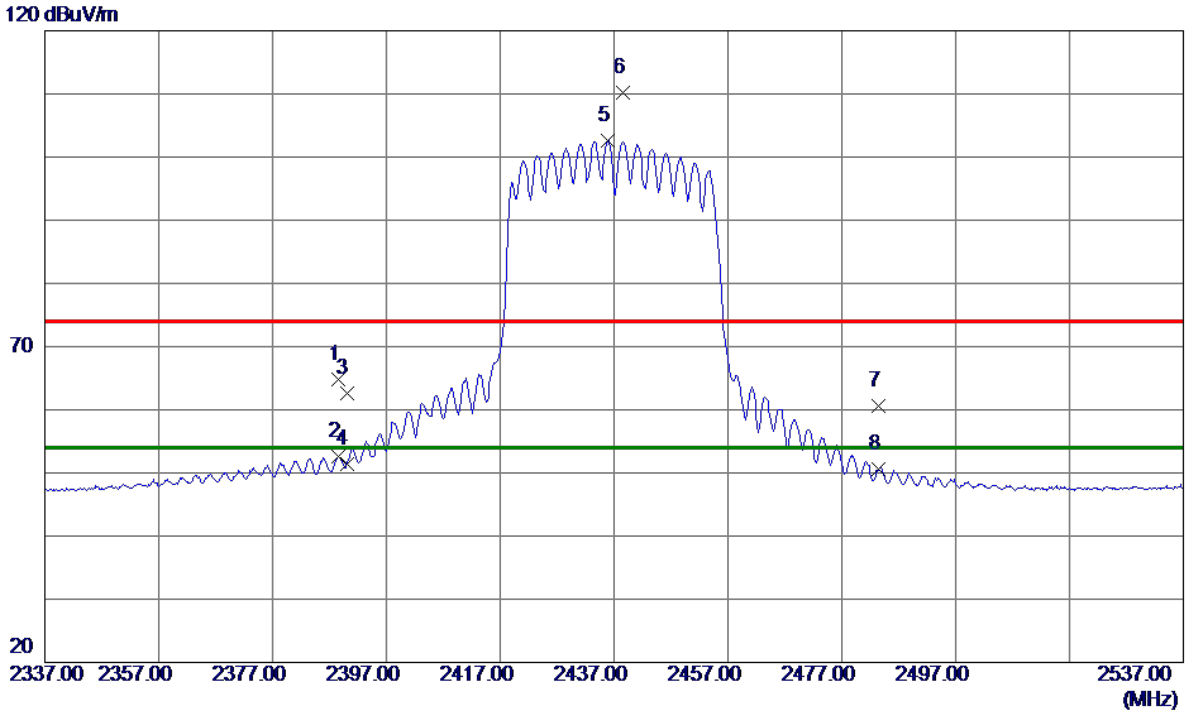


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7284.5000	39.75	6.48	46.23	74.00	-27.77	Peak	
2 *	7291.7000	30.02	6.48	36.50	54.00	-17.50	AVG	

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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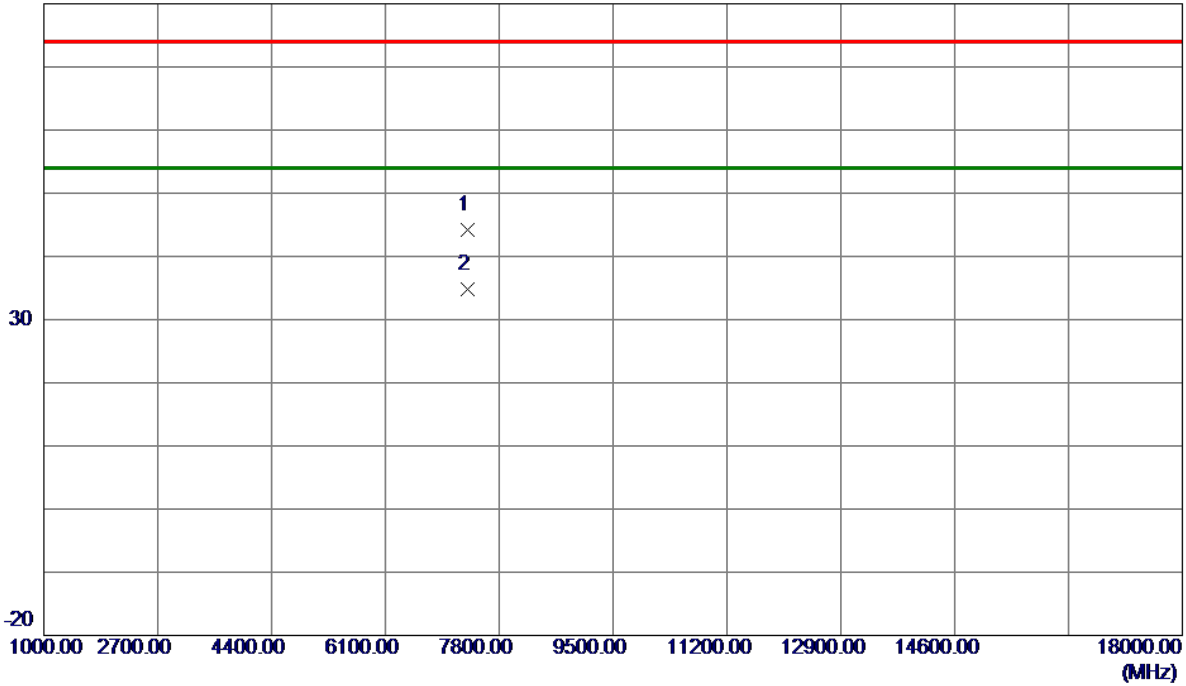
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2388.6000	57.60	7.22	64.82	74.00	-9.18	Peak	
2	2388.6000	45.44	7.22	52.66	54.00	-1.34	AVG	
3	2390.0000	55.41	7.22	62.63	74.00	-11.37	Peak	
4	2390.0000	44.17	7.22	51.39	54.00	-2.61	AVG	
5 *	2435.9000	95.34	7.25	102.59	54.00	48.59	AVG	No Limit
6	2438.5000	102.92	7.25	110.17	74.00	36.17	Peak	No Limit
7	2483.5000	53.26	7.28	60.54	74.00	-13.46	Peak	
8	2483.5000	43.30	7.28	50.58	54.00	-3.42	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	7320.8500	38.19	5.93	44.12	74.00	-29.88	Peak	
2 *	7330.3500	28.96	5.93	34.89	54.00	-19.11	AVG	

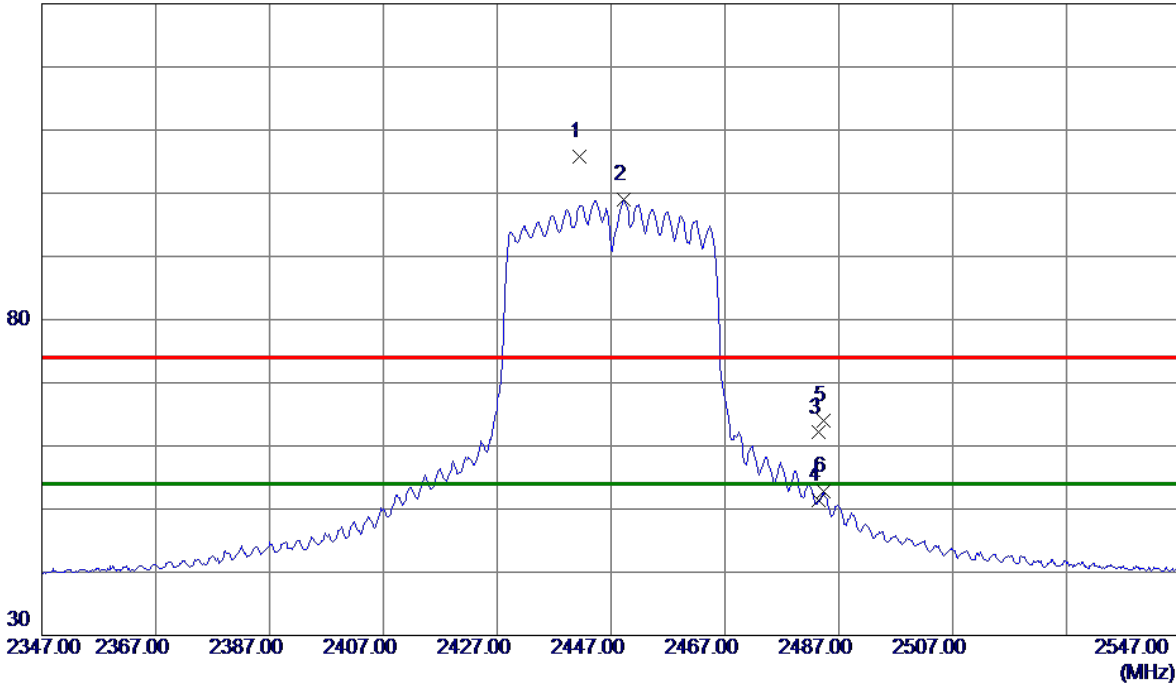
REMARKS:

(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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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	2441.5000	99.89	6.00	105.89	74.00	31.89	Peak	No Limit
2 *	2449.2000	92.95	6.00	98.95	54.00	44.95	AVG	No Limit
3	2483.5000	56.10	6.00	62.10	74.00	-11.90	Peak	
4	2483.5000	45.44	6.00	51.44	54.00	-2.56	AVG	
5	2484.3000	57.95	6.00	63.95	74.00	-10.05	Peak	
6	2484.3000	46.83	6.00	52.83	54.00	-1.17	AVG	

**REMARKS:**

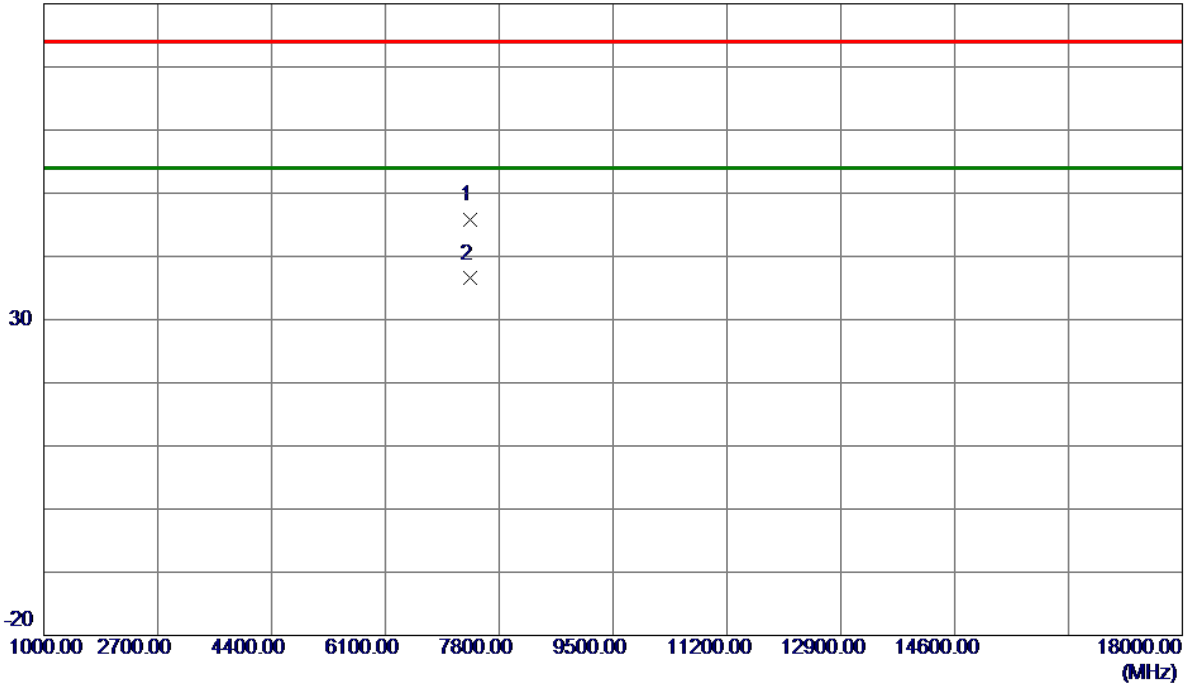
(1) Measurement Value = Reading Level + Correct Factor.

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



Test Mode	TX N(HT40) Mode 2452 MHz	Polarization	Vertical
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80 dBuV/m

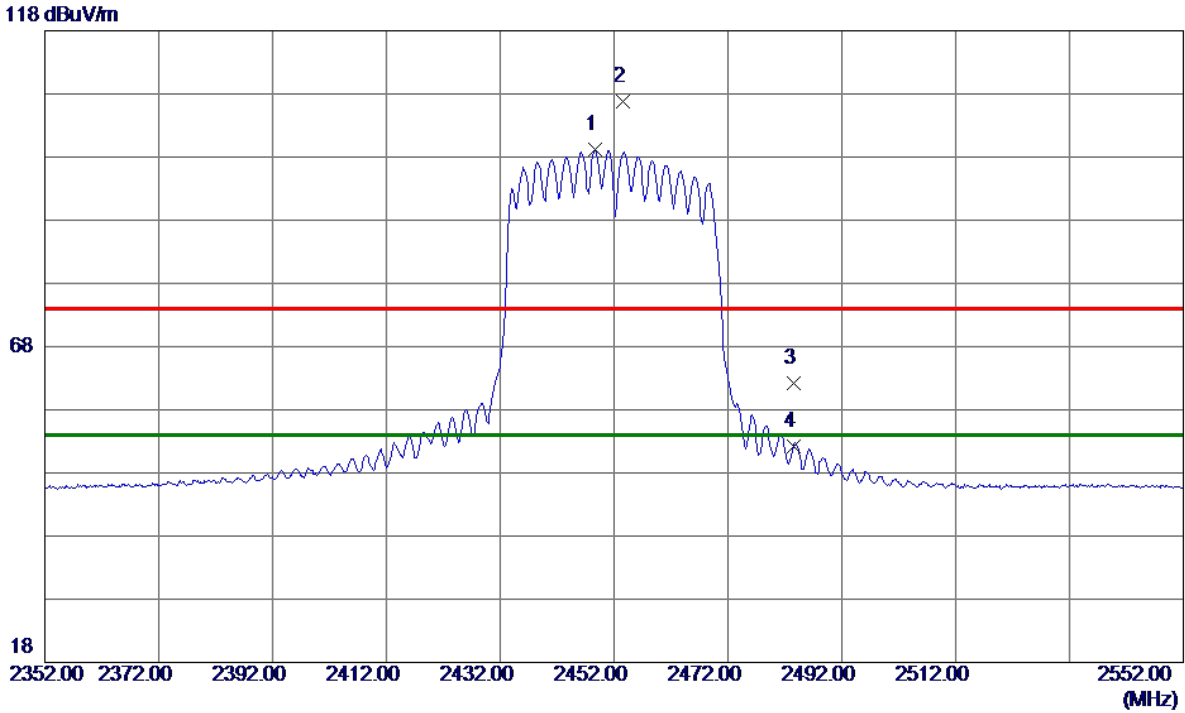


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7361.8000	39.37	6.51	45.88	74.00	-28.12	Peak	
2 *	7369.0000	29.99	6.51	36.50	54.00	-17.50	AVG	

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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No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2448.7000	91.87	7.26	99.13	54.00	45.13	AVG	No Limit
2	2453.5000	99.47	7.26	106.73	74.00	32.73	Peak	No Limit
3	2483.5000	54.91	7.28	62.19	74.00	-11.81	Peak	
4	2483.5000	44.94	7.28	52.22	54.00	-1.78	AVG	

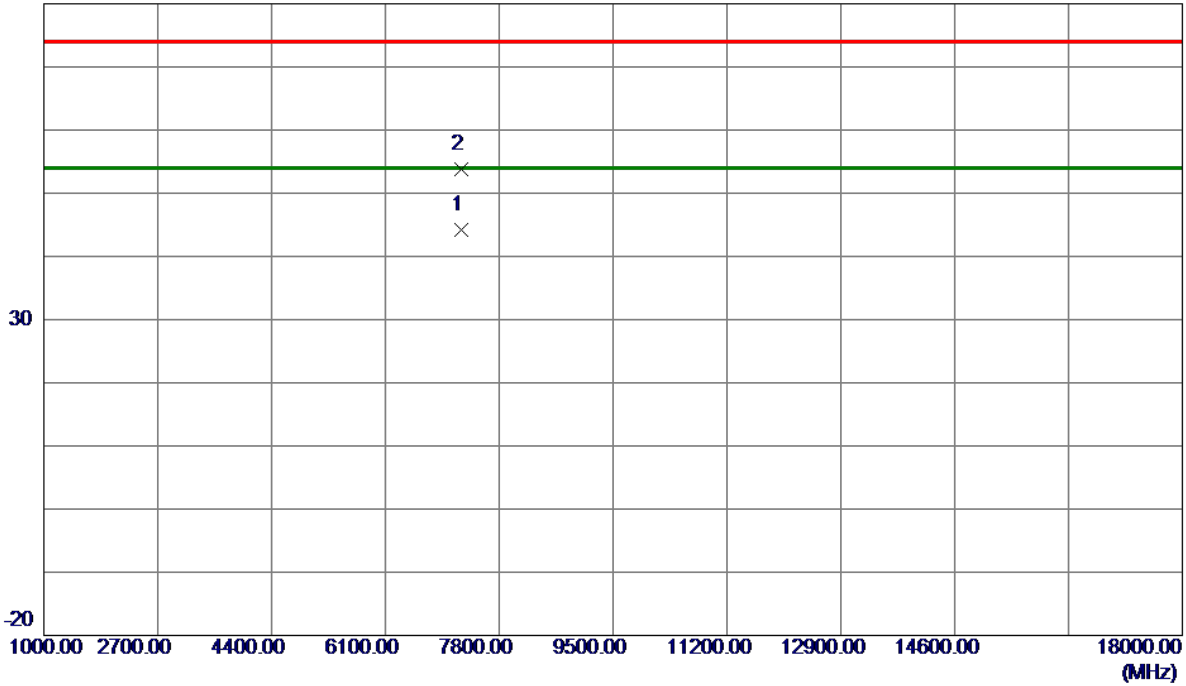
**REMARKS:**

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

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

Test Mode	TX AX(HE20) Mode 2412 MHz	Polarization	Vertical
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80 dBuV/m

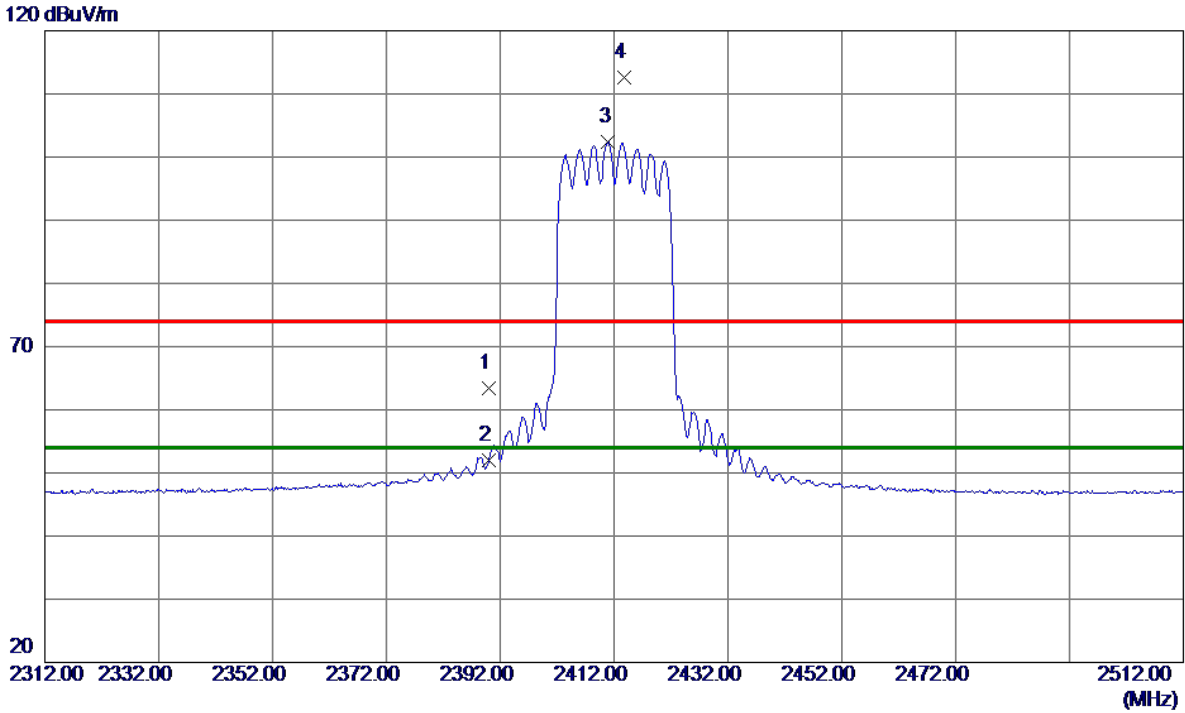


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7234.0000	37.68	6.46	44.14	54.00	-9.86	AVG	
2	7236.5500	47.37	6.47	53.84	74.00	-20.16	Peak	

**REMARKS:**

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

Test Mode	TX AX(HE20) Mode 2412 MHz	Polarization	Horizontal
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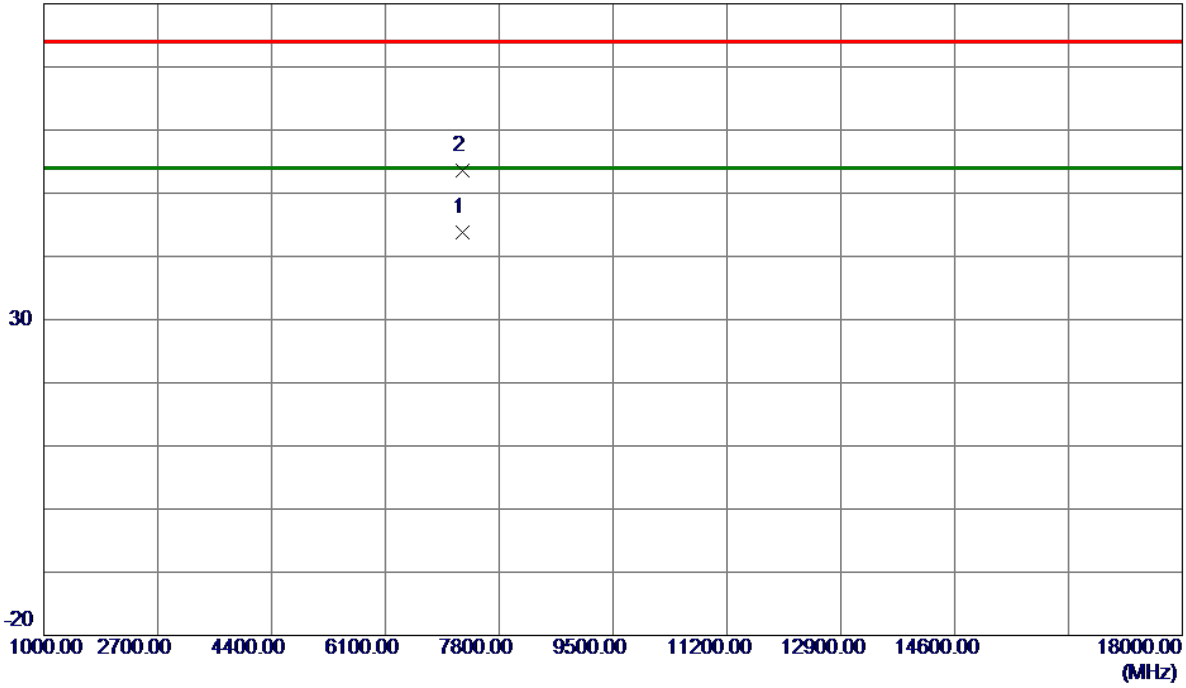
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	56.24	7.22	63.46	74.00	-10.54	Peak	
2	2390.0000	44.84	7.22	52.06	54.00	-1.94	AVG	
3 *	2411.0000	95.08	7.24	102.32	54.00	48.32	AVG	No Limit
4	2413.7000	105.38	7.24	112.62	74.00	38.62	Peak	No Limit

**REMARKS:**

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

Test Mode	TX AX(HE20) Mode 2417 MHz	Polarization	Vertical
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80 dBuV/m

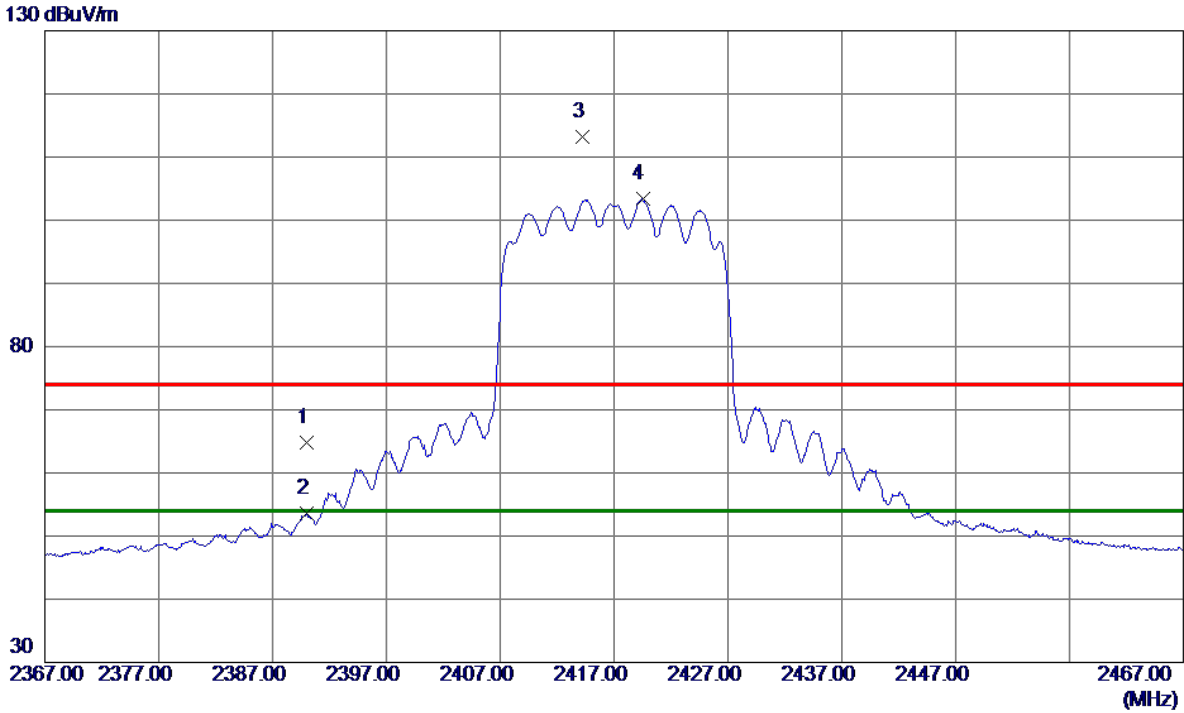


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7250.3500	37.81	5.92	43.73	54.00	-10.27	AVG	
2	7255.4000	47.69	5.92	53.61	74.00	-20.39	Peak	

REMARKS:

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

Test Mode	TX AX(HE20) Mode 2417 MHz	Polarization	Horizontal
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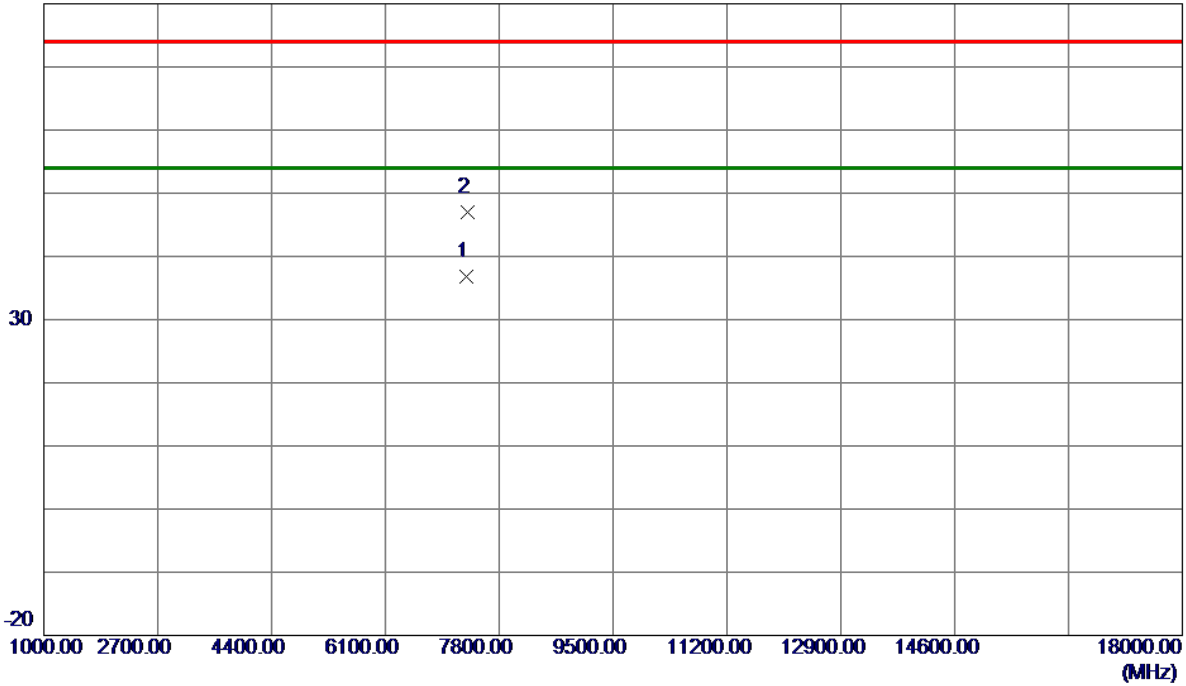
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	58.74	6.00	64.74	74.00	-9.26	Peak	
2	2390.0000	47.51	6.00	53.51	54.00	-0.49	AVG	
3	2414.2000	107.12	6.00	113.12	74.00	39.12	Peak	No Limit
4 *	2419.5000	97.32	6.00	103.32	54.00	49.32	AVG	No Limit

**REMARKS:**

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

Test Mode	TX AX(HE20) Mode 2437 MHz	Polarization	Vertical
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80 dBuV/m

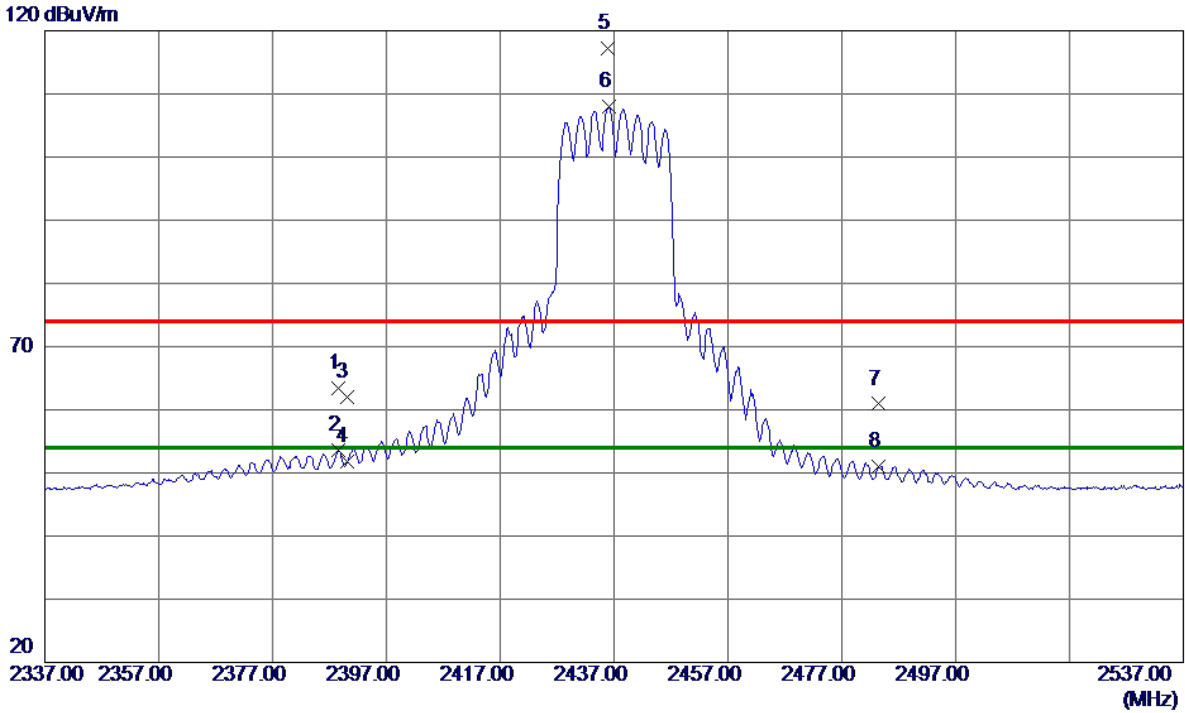


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7311.7500	30.35	6.49	36.84	54.00	-17.16	AVG	
2	7319.5500	40.50	6.49	46.99	74.00	-27.01	Peak	

REMARKS:

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

Test Mode	TX AX(HE20) 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	2388.6000	56.23	7.22	63.45	74.00	-10.55	Peak	
2	2388.6000	46.34	7.22	53.56	54.00	-0.44	AVG	
3	2390.0000	54.79	7.22	62.01	74.00	-11.99	Peak	
4	2390.0000	44.58	7.22	51.80	54.00	-2.20	AVG	
5	2435.8000	110.04	7.25	117.29	74.00	43.29	Peak	No Limit
6 *	2436.1000	100.78	7.25	108.03	54.00	54.03	AVG	No Limit
7	2483.5000	53.62	7.28	60.90	74.00	-13.10	Peak	
8	2483.5000	43.72	7.28	51.00	54.00	-3.00	AVG	

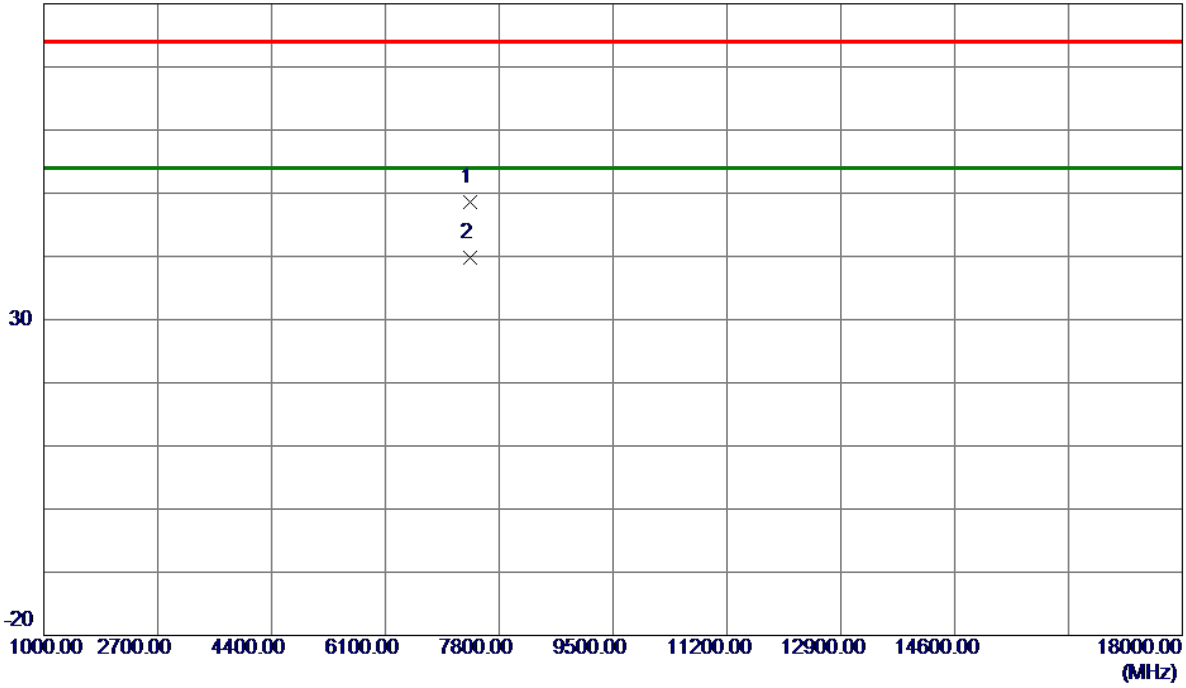
**REMARKS:**

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



Test Mode	TX AX(HE20) Mode 2457 MHz	Polarization	Vertical
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80 dBuV/m

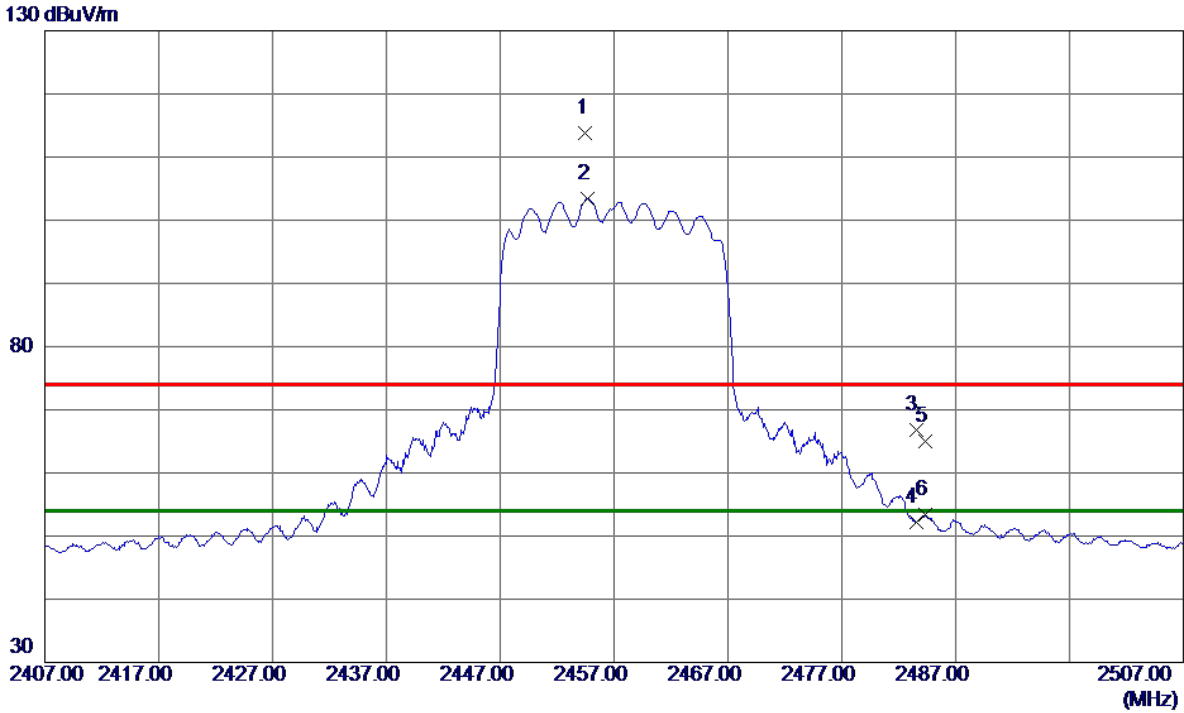


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7370.3000	42.64	5.94	48.58	74.00	-25.42	Peak	
2 *	7370.6000	33.83	5.94	39.77	54.00	-14.23	AVG	

REMARKS:

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

Test Mode	TX AX(HE20) 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	2454.5000	107.81	6.00	113.81	74.00	39.81	Peak	No Limit
2 *	2454.7000	97.41	6.00	103.41	54.00	49.41	AVG	No Limit
3	2483.5000	60.76	6.00	66.76	74.00	-7.24	Peak	
4	2483.5000	46.11	6.00	52.11	54.00	-1.89	AVG	
5	2484.3000	58.98	6.00	64.98	74.00	-9.02	Peak	
6	2484.3000	47.39	6.00	53.39	54.00	-0.61	AVG	

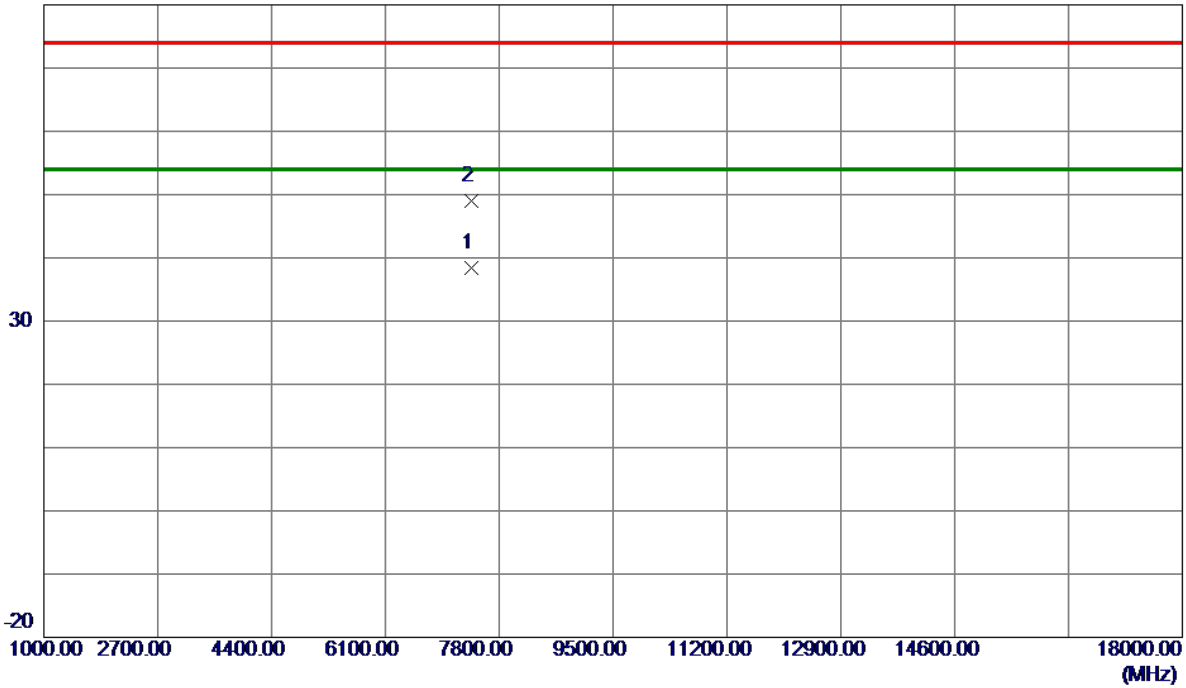
**REMARKS:**

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

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

Test Mode	TX AX(HE20) Mode 2462 MHz	Polarization	Vertical
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80 dBuV/m

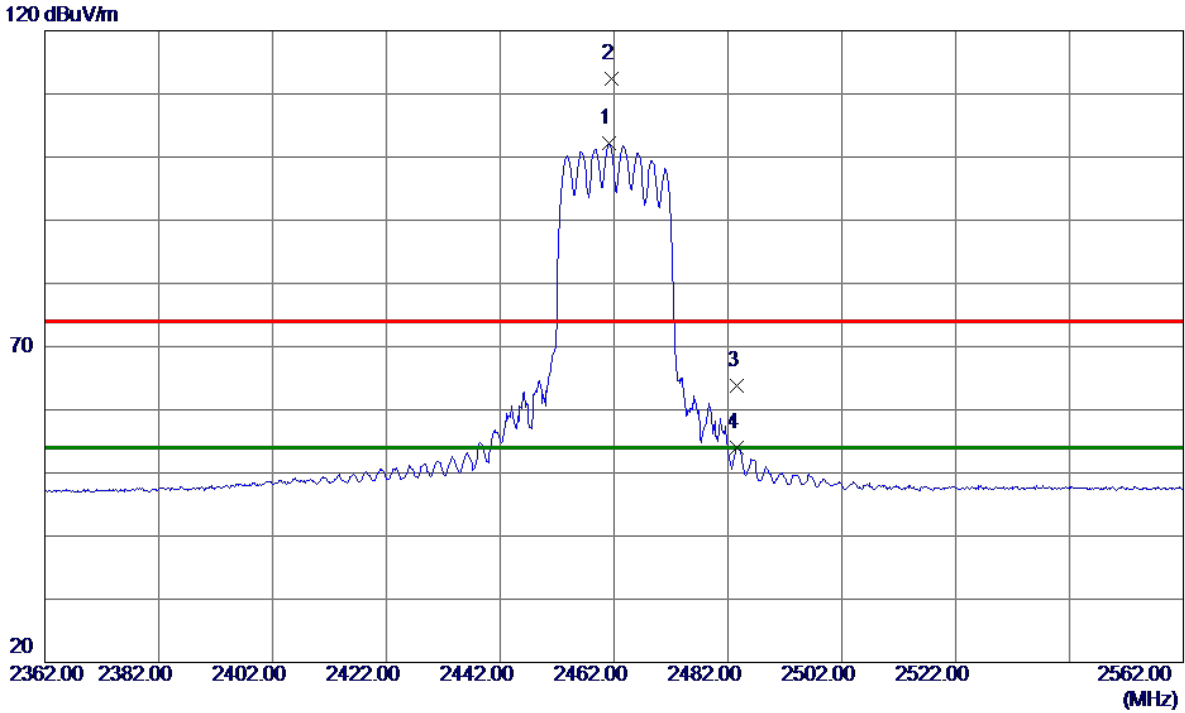


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7388.3000	31.91	6.51	38.42	54.00	-15.58	AVG	
2	7390.4000	42.49	6.51	49.00	74.00	-25.00	Peak	

REMARKS:

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

Test Mode	TX AX(HE20) 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 *	2461.1000	94.86	7.27	102.13	54.00	48.13	AVG	No Limit
2	2461.5000	105.22	7.27	112.49	74.00	38.49	Peak	No Limit
3	2483.5000	56.58	7.28	63.86	74.00	-10.14	Peak	
4	2483.5000	46.70	7.28	53.98	54.00	-0.02	AVG	

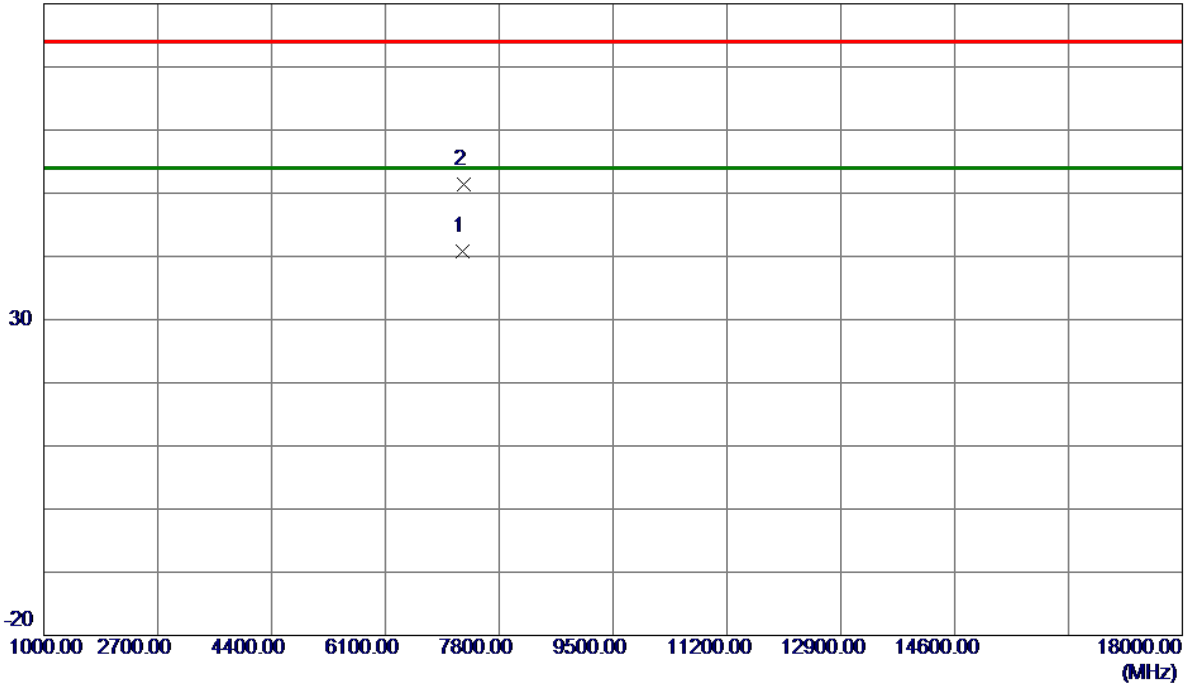
**REMARKS:**

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

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

Test Mode	TX AX(HE40) Mode 2422 MHz	Polarization	Vertical
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80 dBuV/m

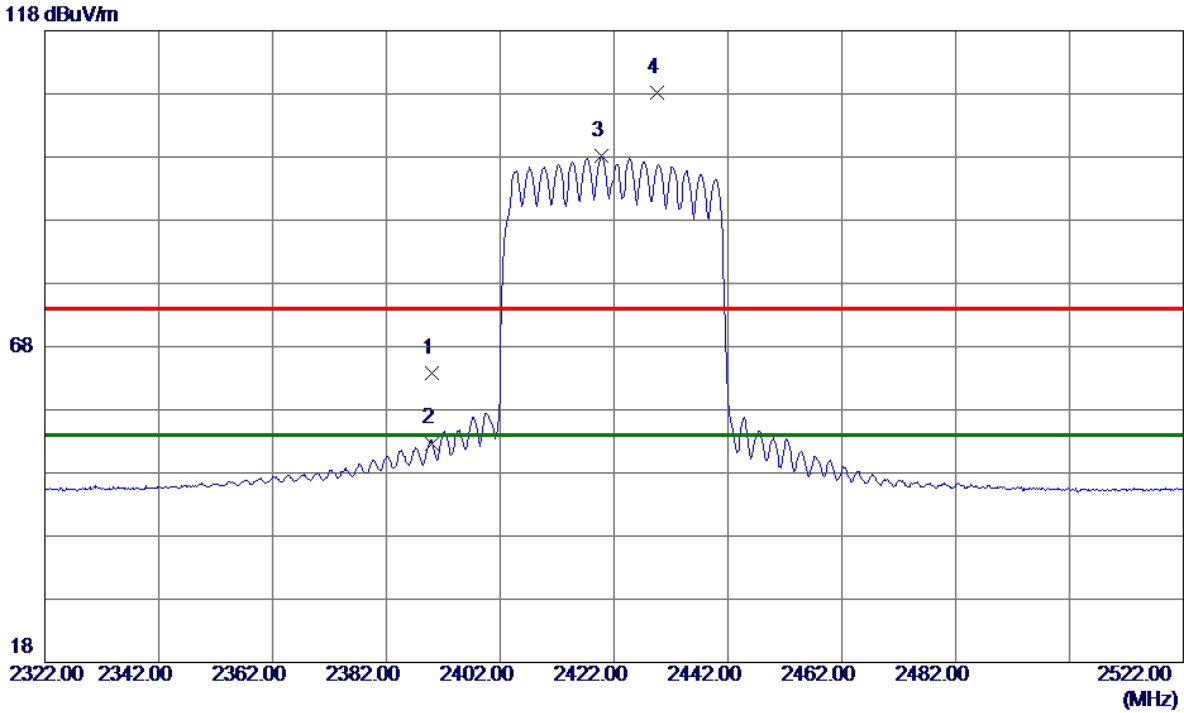


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7260.4000	34.36	6.47	40.83	54.00	-13.17	AVG	
2	7265.5000	44.85	6.47	51.32	74.00	-22.68	Peak	

REMARKS:

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

Test Mode	TX AX(HE40) Mode 2422 MHz	Polarization	Horizontal
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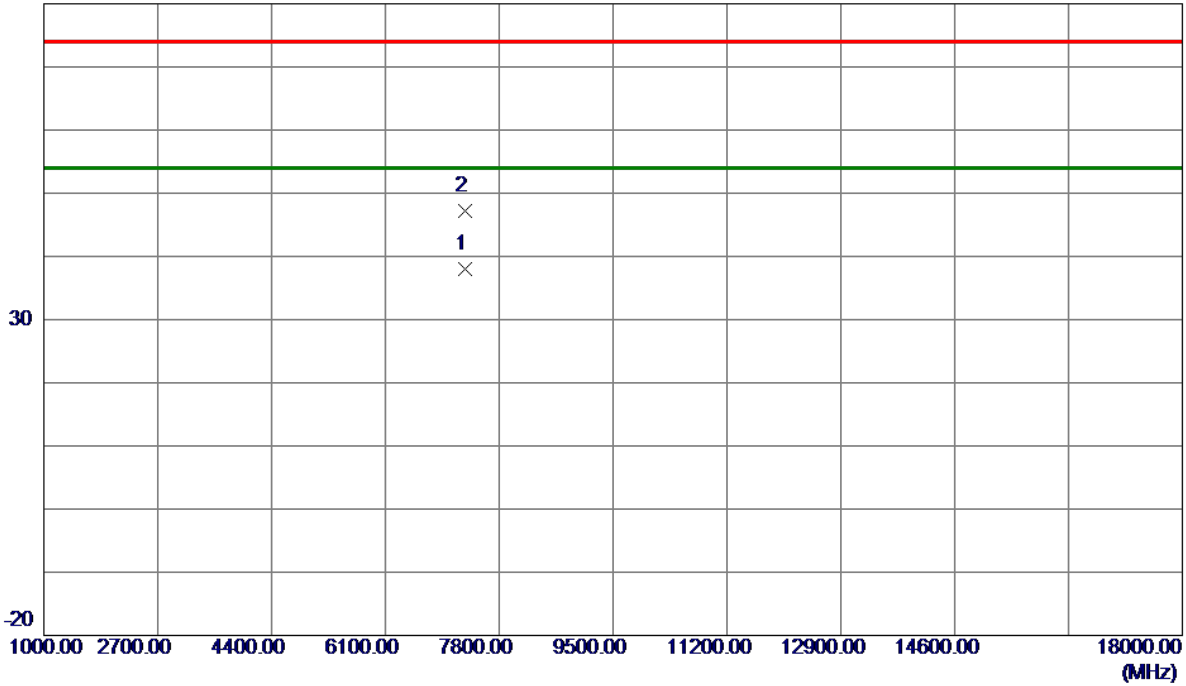
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	56.66	7.22	63.88	74.00	-10.12	Peak	
2	2390.0000	45.48	7.22	52.70	54.00	-1.30	AVG	
3 *	2419.8000	90.89	7.24	98.13	54.00	44.13	AVG	No Limit
4	2429.6000	100.88	7.25	108.13	74.00	34.13	Peak	No Limit

**REMARKS:**

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

Test Mode	TX AX(HE40) Mode 2427 MHz	Polarization	Vertical
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80 dBuV/m

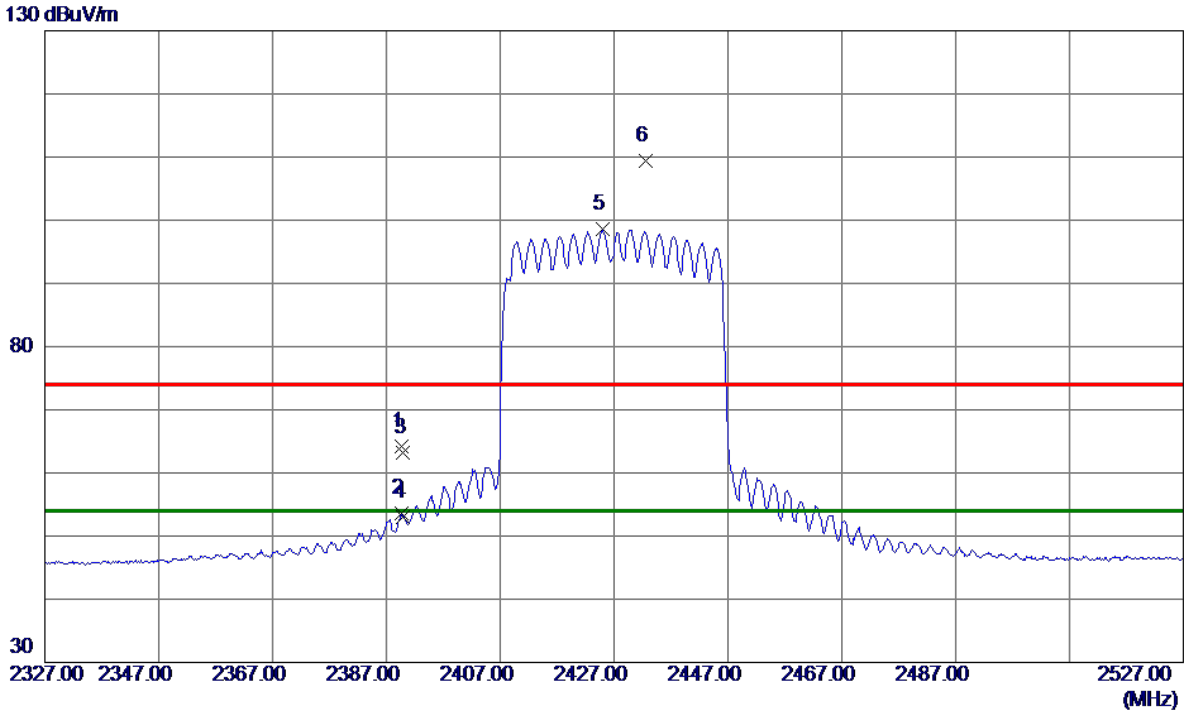


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7287.9750	32.01	5.92	37.93	54.00	-16.07	AVG	
2	7289.4000	41.37	5.92	47.29	74.00	-26.71	Peak	

REMARKS:

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

Test Mode	TX AX(HE40) 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	2389.7000	58.19	6.00	64.19	74.00	-9.81	Peak	
2	2389.7000	47.69	6.00	53.69	54.00	-0.31	AVG	
3	2390.0000	57.19	6.00	63.19	74.00	-10.81	Peak	
4	2390.0000	47.08	6.00	53.08	54.00	-0.92	AVG	
5 *	2424.9000	92.54	6.00	98.54	54.00	44.54	AVG	No Limit
6	2432.6000	103.44	6.00	109.44	74.00	35.44	Peak	No Limit

**REMARKS:**

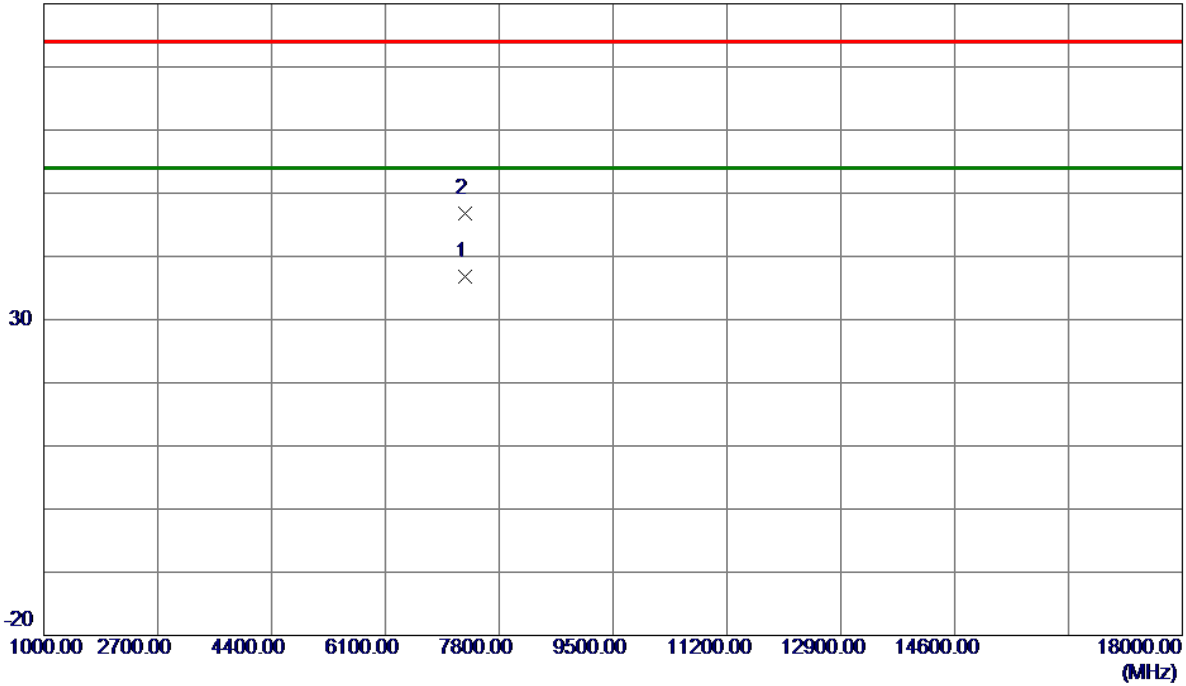
(1) Measurement Value = Reading Level + Correct Factor.

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



Test Mode	TX AX(HE40) Mode 2437 MHz	Polarization	Vertical
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80 dBuV/m

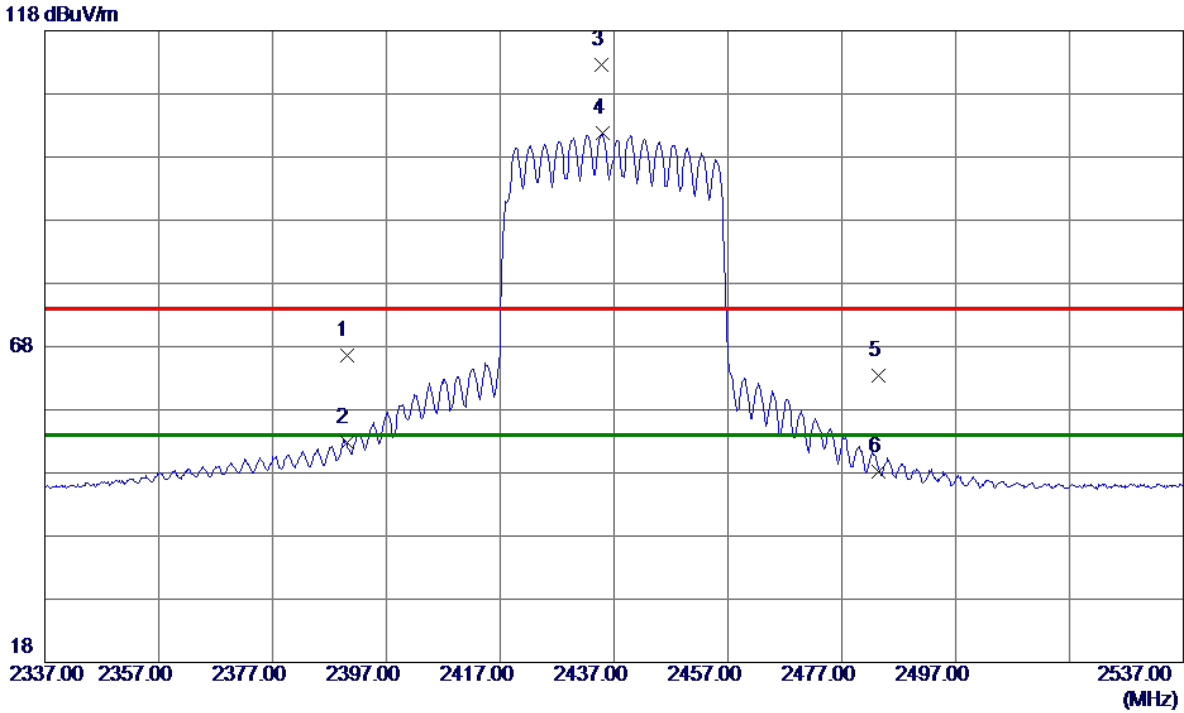


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7291.8000	30.33	6.48	36.81	54.00	-17.19	AVG	
2	7291.9000	40.26	6.48	46.74	74.00	-27.26	Peak	

**REMARKS:**

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

Test Mode	TX AX(HE40) Mode 2437 MHz	Polarization	Horizontal
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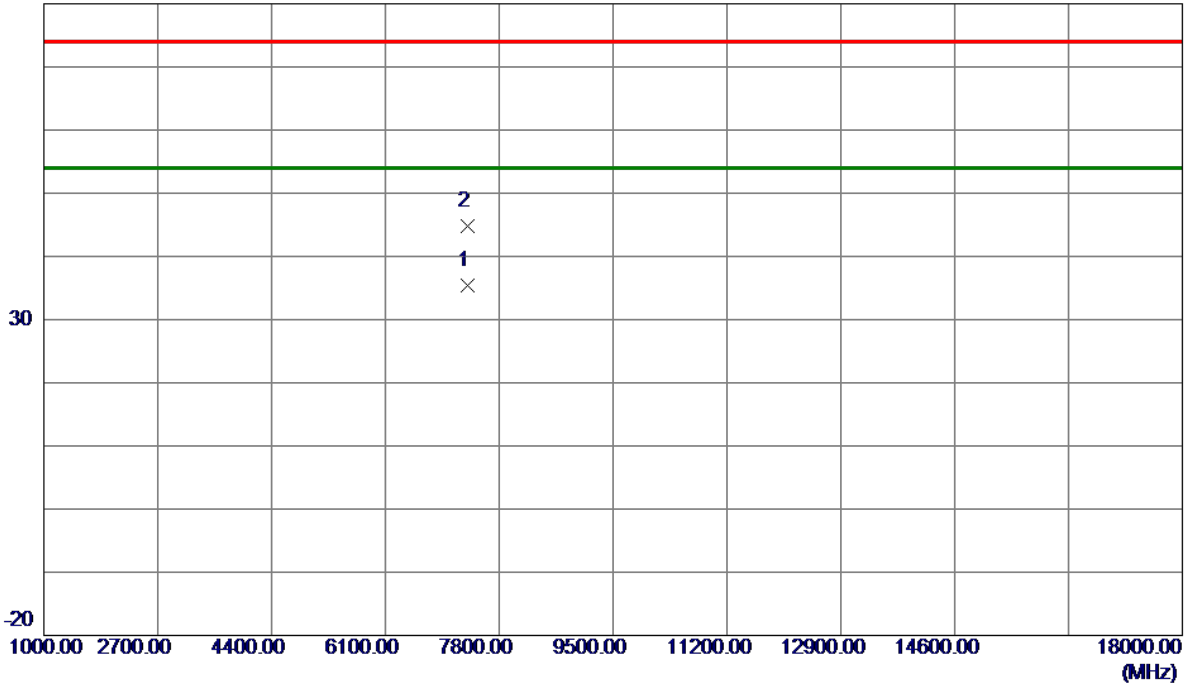
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	59.37	7.22	66.59	74.00	-7.41	Peak	
2	2390.0000	45.62	7.22	52.84	54.00	-1.16	AVG	
3	2434.7000	105.39	7.25	112.64	74.00	38.64	Peak	No Limit
4 *	2434.9000	94.46	7.25	101.71	54.00	47.71	AVG	No Limit
5	2483.5000	56.03	7.28	63.31	74.00	-10.69	Peak	
6	2483.5000	40.97	7.28	48.25	54.00	-5.75	AVG	

**REMARKS:**

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

Test Mode	TX AX(HE40) Mode 2447 MHz	Polarization	Vertical
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80 dBuV/m

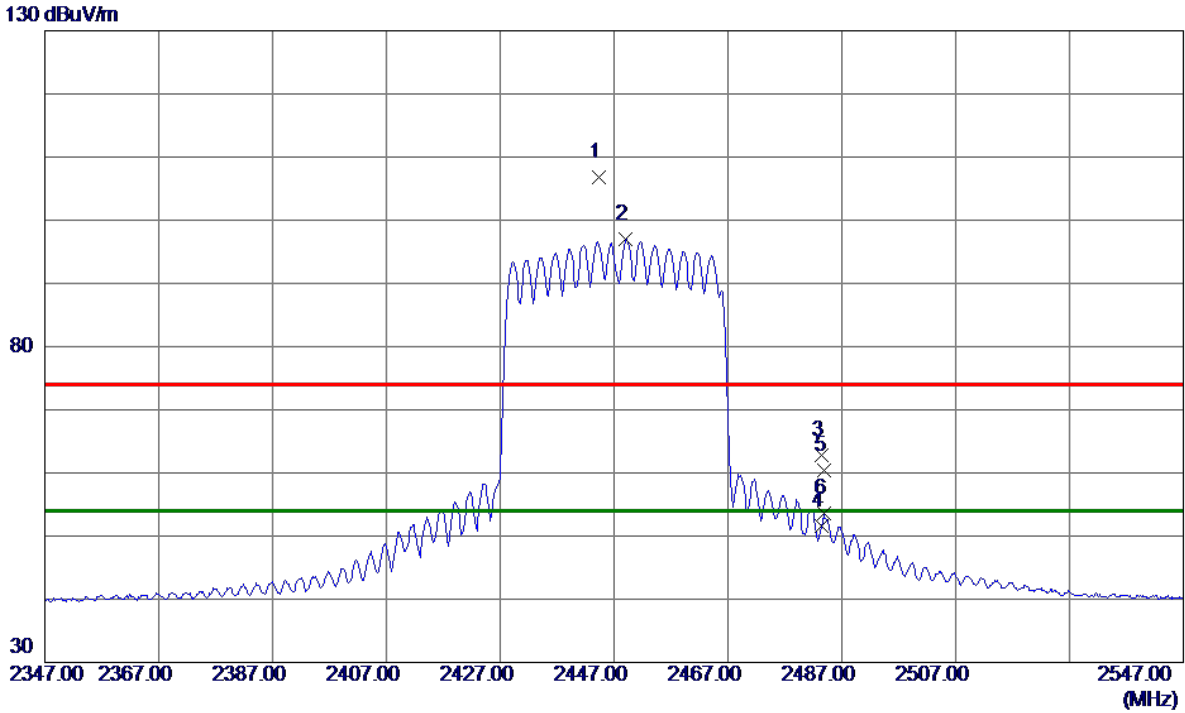


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7325.7000	29.43	5.93	35.36	54.00	-18.64	AVG	
2	7331.2000	38.84	5.93	44.77	74.00	-29.23	Peak	

REMARKS:

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

Test Mode	TX AX(HE40) Mode 2447 MHz	Polarization	Horizontal
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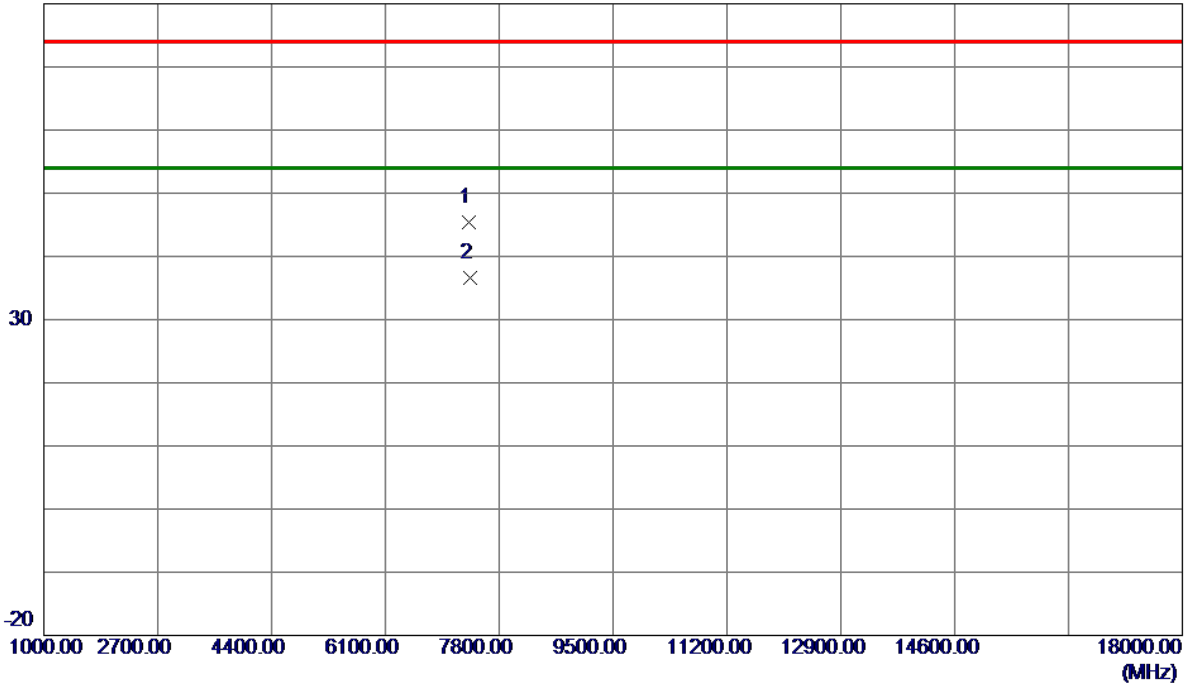
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2444.4000	100.73	6.00	106.73	74.00	32.73	Peak	No Limit
2 *	2449.1000	91.01	6.00	97.01	54.00	43.01	AVG	No Limit
3	2483.5000	56.73	6.00	62.73	74.00	-11.27	Peak	
4	2483.5000	45.65	6.00	51.65	54.00	-2.35	AVG	
5	2483.9000	54.36	6.00	60.36	74.00	-13.64	Peak	
6	2483.9000	47.58	6.00	53.58	54.00	-0.42	AVG	

**REMARKS:**

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

Test Mode	TX AX(HE40) Mode 2452 MHz	Polarization	Vertical
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80 dBuV/m



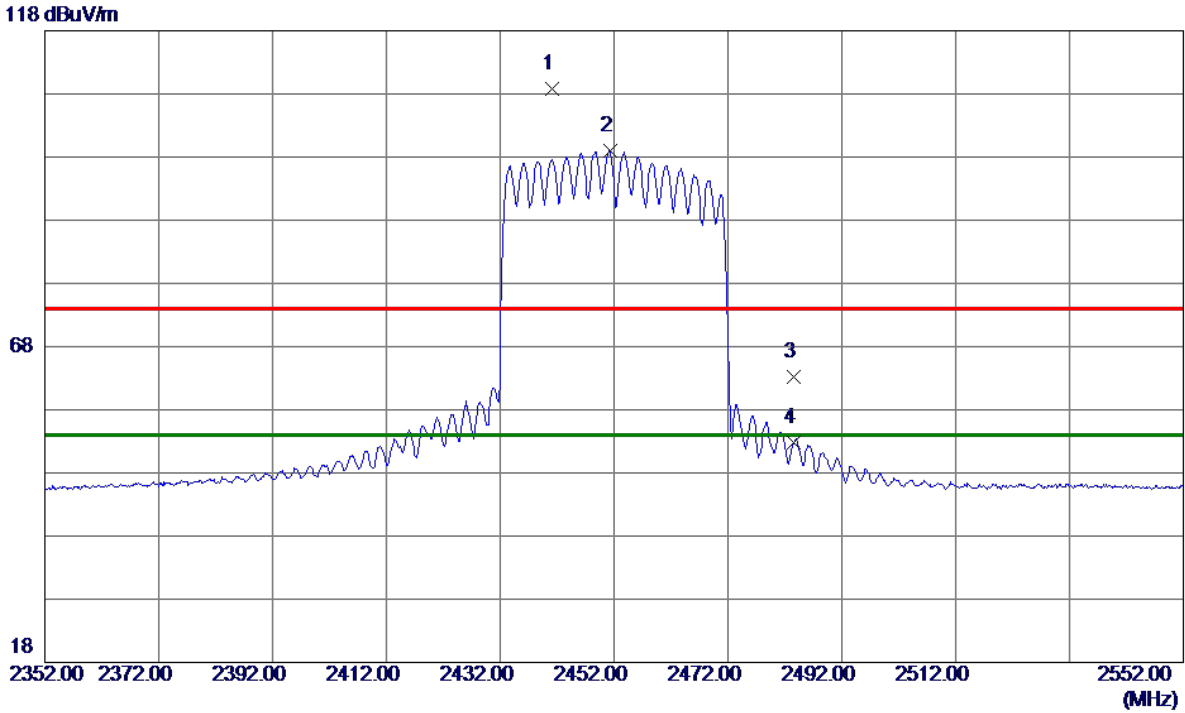
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7342.4000	38.85	6.50	45.35	74.00	-28.65	Peak	
2 *	7361.7000	30.07	6.51	36.58	54.00	-17.42	AVG	

REMARKS:

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

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

Test Mode	TX AX(HE40) Mode 2452 MHz	Polarization	Horizontal
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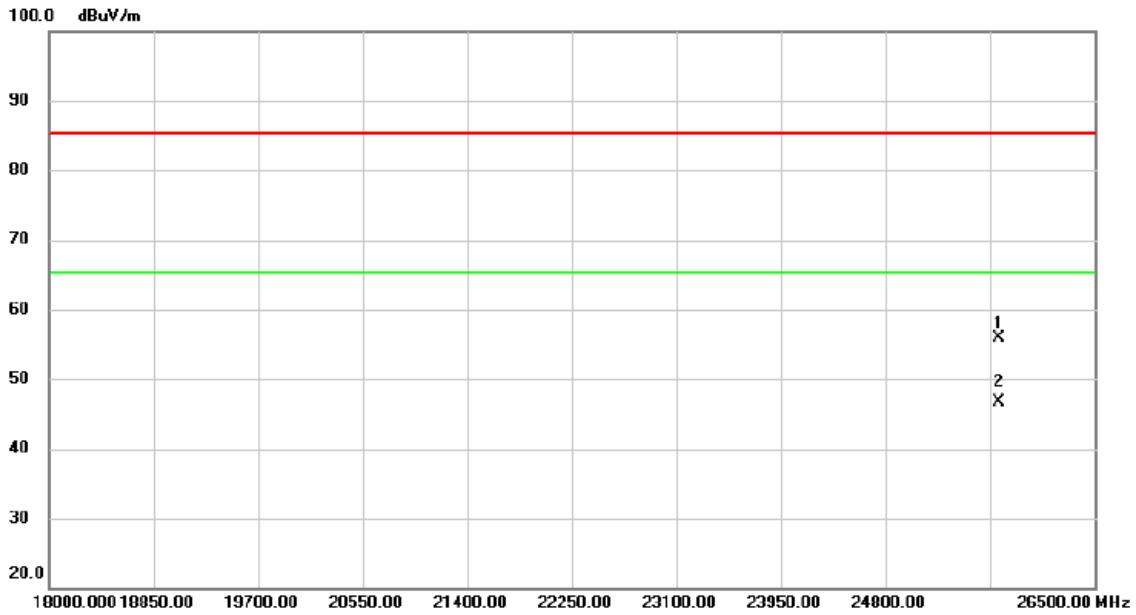
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2441.1000	101.56	7.25	108.81	74.00	34.81	Peak	No Limit
2 *	2451.3000	91.80	7.26	99.06	54.00	45.06	AVG	No Limit
3	2483.5000	55.96	7.28	63.24	74.00	-10.76	Peak	
4	2483.5000	45.61	7.28	52.89	54.00	-1.11	AVG	

**REMARKS:**

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

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

Test Mode	TX B Mode Channel 06	Polarization	Vertical
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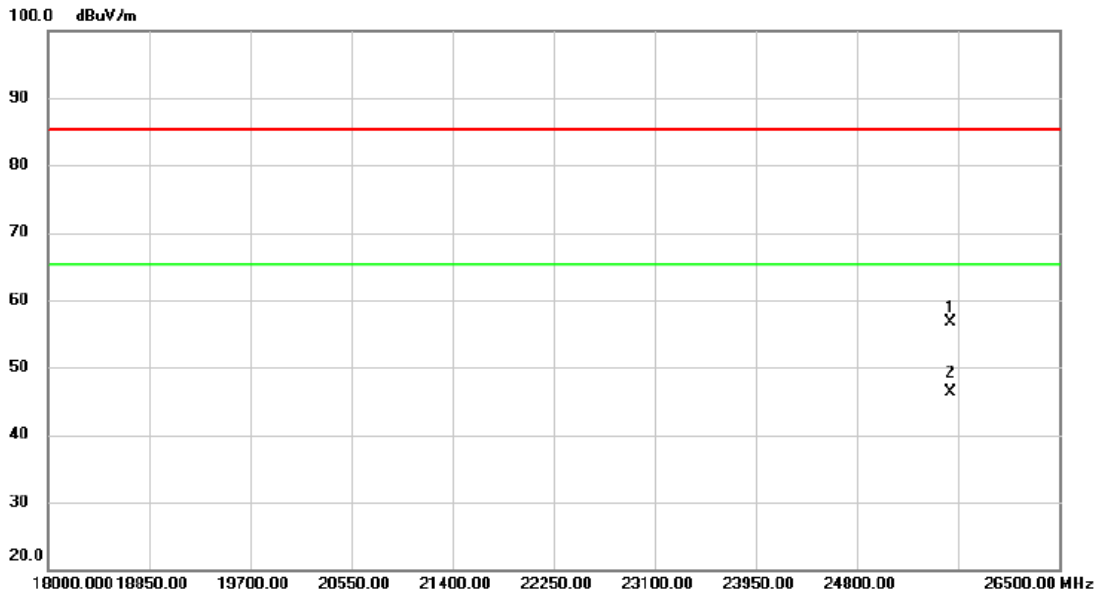


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		25726.50	45.82	10.03	55.85	85.30	-29.45	peak	
2	*	25726.50	36.59	10.03	46.62	65.30	-18.68	AVG	

**REMARKS:**

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

Test Mode	TX B Mode Channel 06	Polarization	Horizontal
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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		25586.25	46.87	9.78	56.65	85.30	-28.65	peak	
2	*	25586.25	36.58	9.78	46.36	65.30	-18.94	AVG	

**REMARKS:**

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

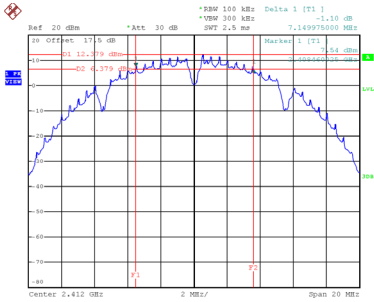


## APPENDIX E - BANDWIDTH

Test Mode TX B Mode

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
01	2412	7.150	12.880	0.5	Complies
06	2437	7.599	13.200	0.5	Complies
11	2462	8.100	12.880	0.5	Complies

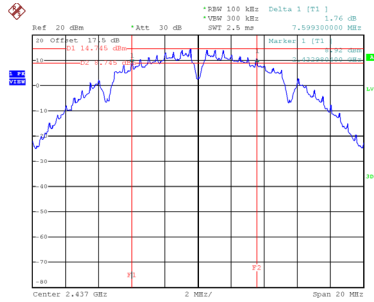
CH01



Date: 26.FEB.2024 10:06:45

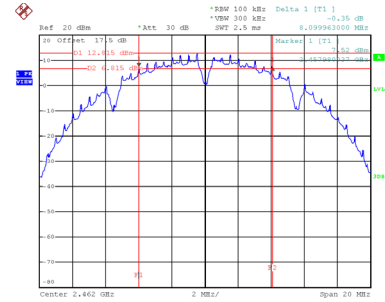
CH06

6 dB Bandwidth



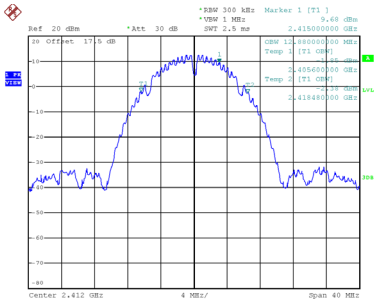
Date: 26.FEB.2024 10:13:44

CH11

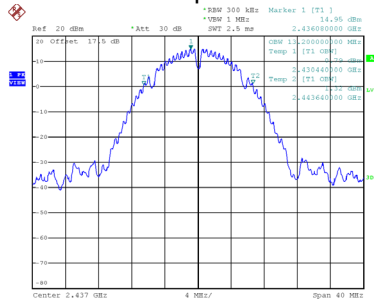


Date: 26.FEB.2024 10:18:00

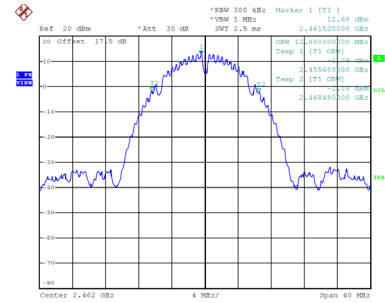
99 % Occupied Bandwidth



Date: 26.FEB.2024 10:06:53



Date: 26.FEB.2024 10:13:53

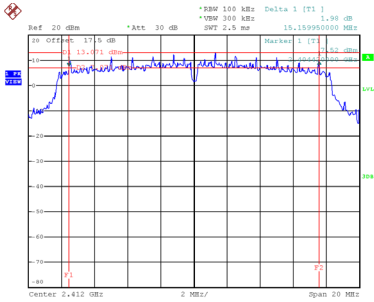


Date: 26.FEB.2024 10:18:09

Test Mode TX G Mode

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
01	2412	15.160	18.080	0.5	Complies
06	2437	15.159	17.040	0.5	Complies
11	2462	15.240	16.800	0.5	Complies

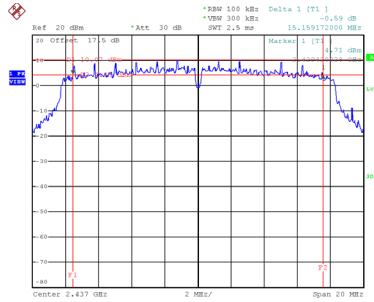
**CH01**



Date: 26.FEB.2024 10:21:32

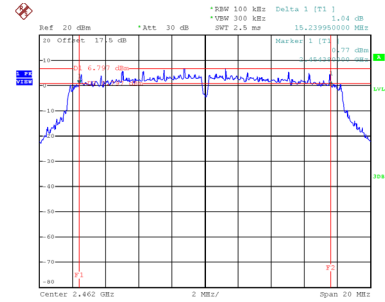
**CH06**

**6 dB Bandwidth**



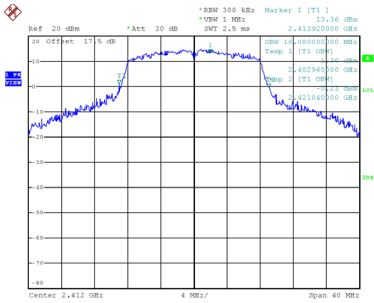
Date: 26.FEB.2024 10:30:04

**CH11**

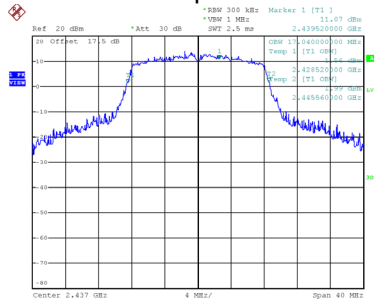


Date: 26.FEB.2024 10:32:47

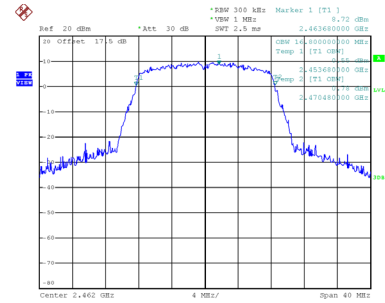
**99 % Occupied Bandwidth**



Date: 26.FEB.2024 10:21:40



Date: 26.FEB.2024 10:30:12

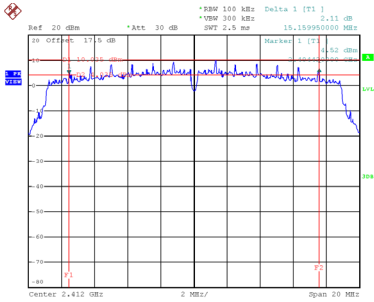


Date: 26.FEB.2024 10:32:56

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	15.160	17.840	0.5	Complies
06	2437	15.160	17.840	0.5	Complies
11	2462	17.160	18.000	0.5	Complies

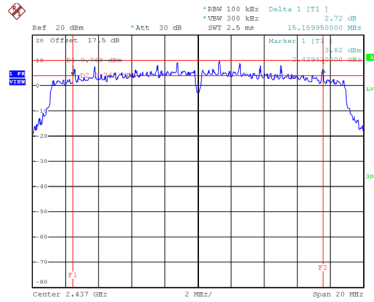
**CH01**



Date: 26.FEB.2024 10:43:42

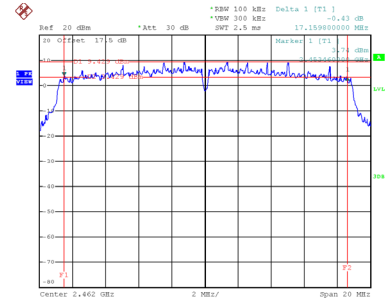
**CH06**

**6 dB Bandwidth**



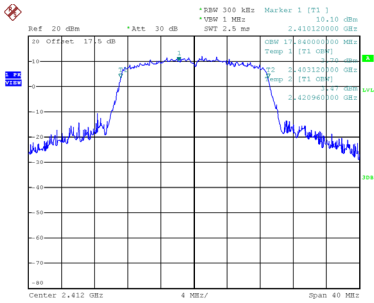
Date: 26.FEB.2024 10:45:57

**CH11**

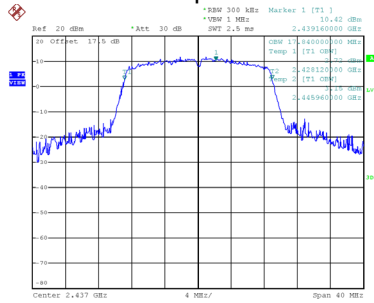


Date: 26.FEB.2024 10:39:05

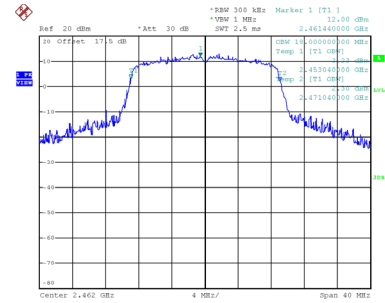
**99 % Occupied Bandwidth**



Date: 26.FEB.2024 10:43:50



Date: 26.FEB.2024 10:46:06

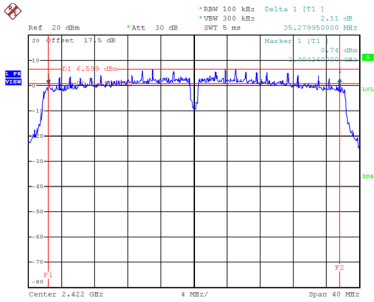


Date: 26.FEB.2024 10:39:14

Test Mode	TX N(HT40) Mode
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Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
03	2422	35.280	36.480	0.5	Complies
06	2437	35.160	36.640	0.5	Complies
09	2452	35.190	36.800	0.5	Complies

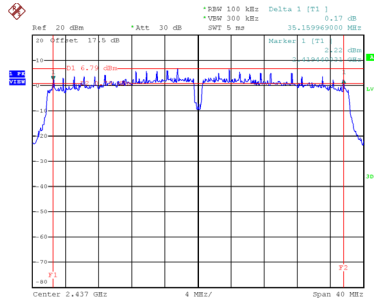
**CH03**



Date: 26.FEB.2024 10:48:37

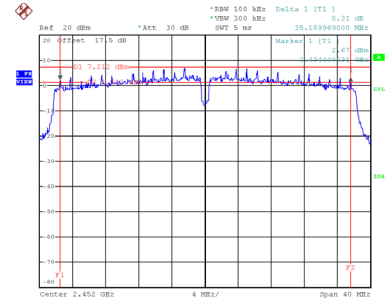
**CH06**

**6 dB Bandwidth**



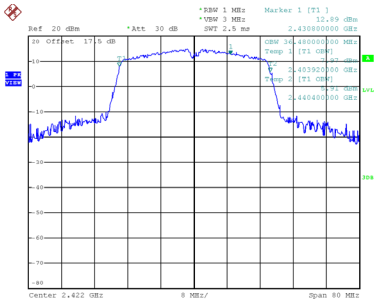
Date: 26.FEB.2024 10:50:56

**CH09**

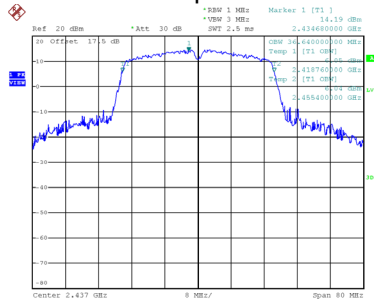


Date: 26.FEB.2024 10:53:32

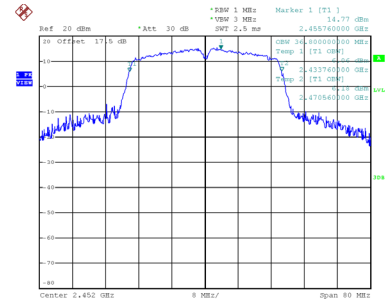
**99 % Occupied Bandwidth**



Date: 26.FEB.2024 10:48:46



Date: 26.FEB.2024 10:51:04

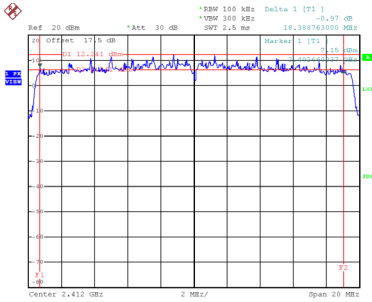


Date: 26.FEB.2024 10:53:41

Test Mode TX AX(HE20) Mode

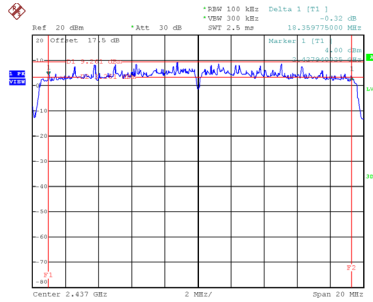
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
01	2412	18.389	19.280	0.5	Complies
06	2437	18.360	19.120	0.5	Complies
11	2462	18.600	19.280	0.5	Complies

CH01



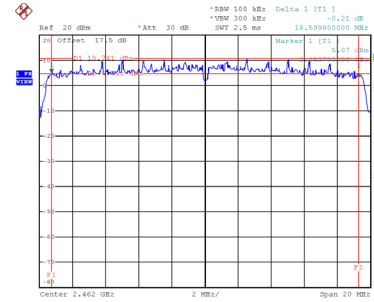
Date: 26.FEB.2024 10:56:40

CH06  
6 dB Bandwidth



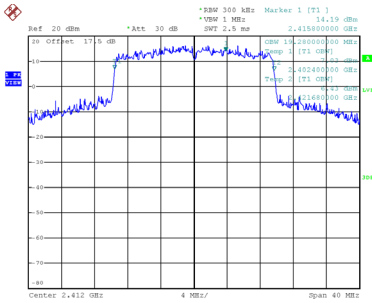
Date: 26.FEB.2024 11:00:05

CH11

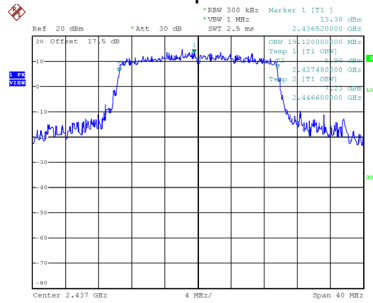


Date: 26.FEB.2024 11:03:45

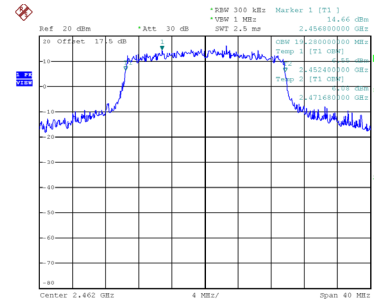
99 % Occupied Bandwidth



Date: 26.FEB.2024 10:56:49



Date: 26.FEB.2024 11:00:13

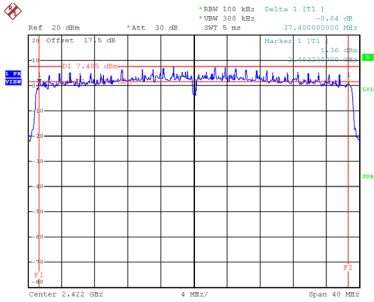


Date: 26.FEB.2024 11:03:54

Test Mode	TX AX(HE40) Mode
-----------	------------------

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
03	2422	37.400	38.400	0.5	Complies
06	2437	36.870	38.240	0.5	Complies
09	2452	37.189	38.400	0.5	Complies

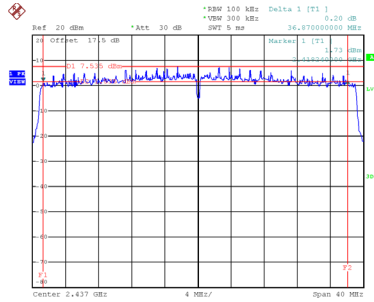
**CH03**



Date: 26.FEB.2024 11:08:05

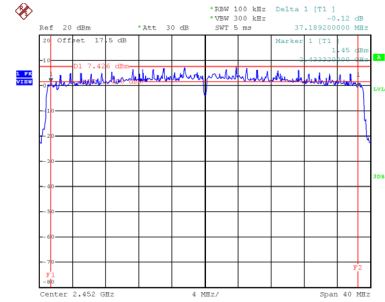
**CH06**

**6 dB Bandwidth**



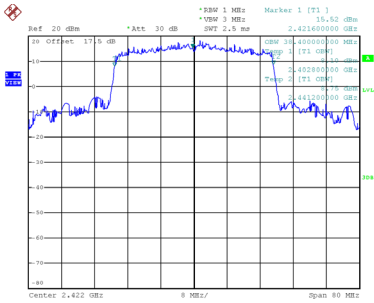
Date: 26.FEB.2024 11:13:39

**CH09**

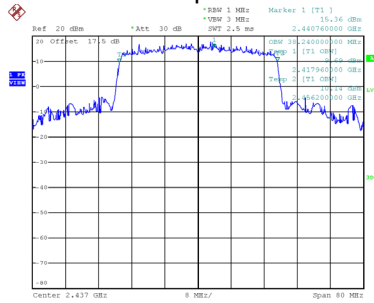


Date: 26.FEB.2024 11:16:48

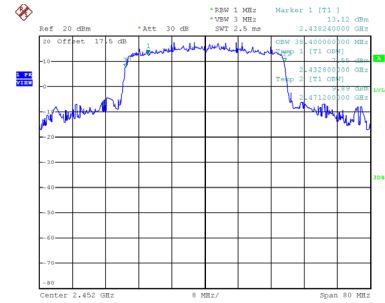
**99 % Occupied Bandwidth**



Date: 26.FEB.2024 11:08:13



Date: 26.FEB.2024 11:13:48



Date: 26.FEB.2024 11:16:57

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



### Non Beamforming

Test Mode	TX B Mode_Ant. 1
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Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	19.93	0.00	19.93	30.00	1.0000	Complies
06	2437	22.18	0.00	22.18	30.00	1.0000	Complies
11	2462	20.21	0.00	20.21	30.00	1.0000	Complies

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

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	19.86	0.00	19.86	30.00	1.0000	Complies
06	2437	21.99	0.00	21.99	30.00	1.0000	Complies
11	2462	20.26	0.00	20.26	30.00	1.0000	Complies

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

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	22.91	30.00	1.0000	Complies
06	2437	25.10	30.00	1.0000	Complies
11	2462	23.25	30.00	1.0000	Complies

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

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	19.58	0.17	19.75	30.00	1.0000	Complies
06	2437	20.65	0.17	20.82	30.00	1.0000	Complies
11	2462	17.52	0.17	17.69	30.00	1.0000	Complies

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

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	19.89	0.17	20.06	30.00	1.0000	Complies
06	2437	20.81	0.17	20.98	30.00	1.0000	Complies
11	2462	17.61	0.17	17.78	30.00	1.0000	Complies

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

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	22.91	30.00	1.0000	Complies
06	2437	23.91	30.00	1.0000	Complies
11	2462	20.74	30.00	1.0000	Complies

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

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	14.87	0.19	15.06	30.00	1.0000	Complies
06	2437	19.41	0.19	19.60	30.00	1.0000	Complies
11	2462	16.31	0.19	16.50	30.00	1.0000	Complies

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

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	15.39	0.19	15.58	30.00	1.0000	Complies
06	2437	19.57	0.19	19.76	30.00	1.0000	Complies
11	2462	16.46	0.19	16.65	30.00	1.0000	Complies

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

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	18.34	30.00	1.0000	Complies
06	2437	22.69	30.00	1.0000	Complies
11	2462	19.59	30.00	1.0000	Complies

Test Mode	TX N(HT40) Mode_Ant. 1
-----------	------------------------

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	12.98	0.20	13.18	30.00	1.0000	Complies
06	2437	16.58	0.20	16.78	30.00	1.0000	Complies
09	2452	13.89	0.20	14.09	30.00	1.0000	Complies

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

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	13.02	0.20	13.22	30.00	1.0000	Complies
06	2437	16.64	0.20	16.84	30.00	1.0000	Complies
09	2452	14.07	0.20	14.27	30.00	1.0000	Complies

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

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	16.21	30.00	1.0000	Complies
06	2437	19.82	30.00	1.0000	Complies
09	2452	17.19	30.00	1.0000	Complies

Test Mode	TX AX(HE20) Mode_Ant. 1
-----------	-------------------------

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	20.38	0.18	20.56	30.00	1.0000	Complies
06	2437	20.01	0.18	20.19	30.00	1.0000	Complies
11	2462	16.50	0.18	16.68	30.00	1.0000	Complies

Test Mode	TX AX(HE20) Mode_Ant. 2
-----------	-------------------------

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	20.41	0.18	20.59	30.00	1.0000	Complies
06	2437	19.76	0.18	19.94	30.00	1.0000	Complies
11	2462	16.34	0.18	16.52	30.00	1.0000	Complies

Test Mode	TX AX(HE20) Mode_Total
-----------	------------------------

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	23.58	30.00	1.0000	Complies
06	2437	23.07	30.00	1.0000	Complies
11	2462	19.61	30.00	1.0000	Complies

Test Mode	TX AX(HE40) Mode_Ant. 1
-----------	-------------------------

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	12.07	0.18	12.25	30.00	1.0000	Complies
06	2437	16.15	0.18	16.33	30.00	1.0000	Complies
09	2452	14.09	0.18	14.27	30.00	1.0000	Complies

Test Mode	TX AX(HE40) Mode_Ant. 2
-----------	-------------------------

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	12.02	0.18	12.20	30.00	1.0000	Complies
06	2437	16.08	0.18	16.26	30.00	1.0000	Complies
09	2452	13.87	0.18	14.05	30.00	1.0000	Complies

Test Mode	TX AX(HE40) Mode_Total
-----------	------------------------

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	15.24	30.00	1.0000	Complies
06	2437	19.31	30.00	1.0000	Complies
09	2452	17.18	30.00	1.0000	Complies

Note: Output power = Measure result + Cable loss

### Beamforming

<b>Test Mode</b>	TX N(HT20) Mode_Ant. 1
------------------	------------------------

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	14.60	0.19	14.79	30.00	1.0000	Complies
06	2437	19.13	0.19	19.32	30.00	1.0000	Complies
11	2462	15.95	0.19	16.14	30.00	1.0000	Complies

<b>Test Mode</b>	TX N(HT20) Mode_Ant. 2
------------------	------------------------

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	14.99	0.19	15.18	30.00	1.0000	Complies
06	2437	19.29	0.19	19.48	30.00	1.0000	Complies
11	2462	16.05	0.19	16.24	30.00	1.0000	Complies

<b>Test Mode</b>	TX N(HT20) Mode_Total
------------------	-----------------------

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	18.00	30.00	1.0000	Complies
06	2437	22.41	30.00	1.0000	Complies
11	2462	19.20	30.00	1.0000	Complies

Test Mode	TX N(HT40) Mode_Ant. 1
-----------	------------------------

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	12.72	0.20	12.92	30.00	1.0000	Complies
06	2437	16.36	0.20	16.56	30.00	1.0000	Complies
09	2452	13.49	0.20	13.69	30.00	1.0000	Complies

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

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	12.68	0.20	12.88	30.00	1.0000	Complies
06	2437	16.33	0.20	16.53	30.00	1.0000	Complies
09	2452	13.76	0.20	13.96	30.00	1.0000	Complies

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

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	15.91	30.00	1.0000	Complies
06	2437	19.56	30.00	1.0000	Complies
09	2452	16.84	30.00	1.0000	Complies



Test Mode	TX AX(HE20) Mode_Ant. 1
-----------	-------------------------

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	19.90	0.18	20.08	30.00	1.0000	Complies
06	2437	19.54	0.18	19.72	30.00	1.0000	Complies
11	2462	16.22	0.18	16.40	30.00	1.0000	Complies

Test Mode	TX AX(HE20) Mode_Ant. 2
-----------	-------------------------

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	19.97	0.18	20.15	30.00	1.0000	Complies
06	2437	19.42	0.18	19.60	30.00	1.0000	Complies
11	2462	15.85	0.18	16.03	30.00	1.0000	Complies

Test Mode	TX AX(HE20) Mode_Total
-----------	------------------------

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	23.12	30.00	1.0000	Complies
06	2437	22.67	30.00	1.0000	Complies
11	2462	19.23	30.00	1.0000	Complies

Test Mode	TX AX(HE40) Mode_Ant. 1
-----------	-------------------------

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	11.70	0.18	11.88	30.00	1.0000	Complies
06	2437	15.65	0.18	15.83	30.00	1.0000	Complies
09	2452	13.73	0.18	13.91	30.00	1.0000	Complies

Test Mode	TX AX(HE40) Mode_Ant. 2
-----------	-------------------------

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	11.75	0.18	11.93	30.00	1.0000	Complies
06	2437	15.70	0.18	15.88	30.00	1.0000	Complies
09	2452	13.64	0.18	13.82	30.00	1.0000	Complies

Test Mode	TX AX(HE40) Mode_Total
-----------	------------------------

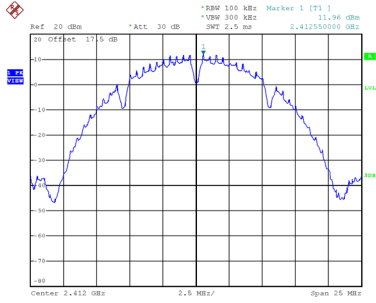
Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	14.92	30.00	1.0000	Complies
06	2437	18.87	30.00	1.0000	Complies
09	2452	16.88	30.00	1.0000	Complies

Note: Output power = Measure result + Cable loss

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

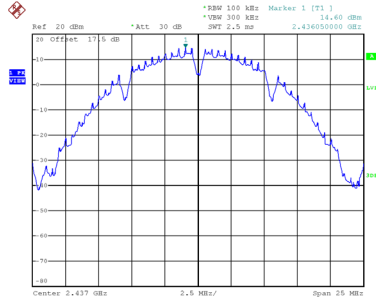
Test Mode TX B Mode\_Ant. 1

### Reference Level-CH01



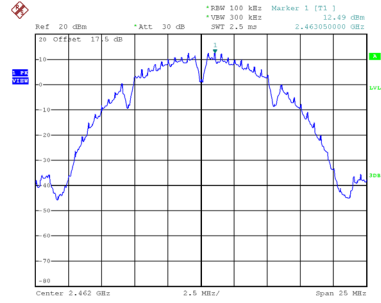
Date: 26.FEB.2024 10:07:04

### Reference Level-CH06



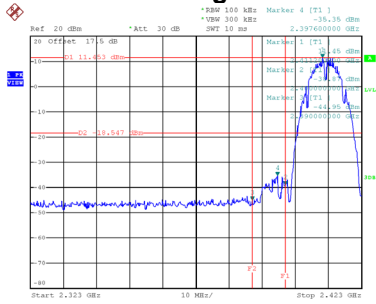
Date: 26.FEB.2024 10:14:03

### Reference Level-CH11



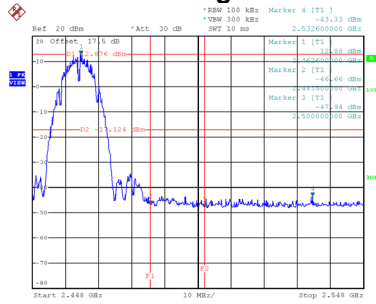
Date: 26.FEB.2024 10:18:19

### Bandedge-CH01



Date: 26.FEB.2024 10:08:45

### Bandedge-CH11



Date: 26.FEB.2024 10:18:28