



FCC Radio Test Report

FCC ID: 2BH7FER706WP4G

This report concerns: Original Grant

Project No. : 2410G027A
Equipment : 4G+ Cat6 AX3000 Gigabit VPN Gateway with 4-Port PoE+
Brand Name : tp-link
Model Name : ER706WP-4G
Applicant : TP-Link Systems Inc.
Address : 10 Mauchly, Irvine, CA 92618
Manufacturer : TP-Link Systems Inc.
Address : 10 Mauchly, Irvine, CA 92618
Date of Receipt : Feb. 28, 2025
Date of Test : Mar. 06, 2025 ~ Aug. 13, 2025
Issued Date : Aug. 13, 2025
Test Sample : Engineering Sample No.: DG2025022846 for conducted,
 DG2025042818 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. (Dongguan)

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Declaration

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BTL is not responsible for the sampling stage, so the results only apply to the sample as received.

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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REVISION HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-8-2410G027A	R00	Original Report.	Aug. 06, 2025	Invalid
BTL-FCCP-8-2410G027A	R01	<p>It is a revision of the report BTL-FCCP-8-2410G027A R00, with the following revisions:</p> <ul style="list-style-type: none"> a. Updated test data of channel 11 in page 108. b. Updated the test date and equipment list of conducted spurious tmissions item in page 9&30. <p>This is a newly released report, replacing the BTL-FCCP-8-2410G027A R00 report.</p>	Aug. 08, 2025	Invalid
BTL-FCCP-8-2410G027A	R02	<p>It is a revision of the report BTL-FCCP-8-2410G027A R01, with the following revisions:</p> <ul style="list-style-type: none"> a. Updated reference level and bandedge test data of high channel in page 105-112. b. Updated the test date of conducted spurious tmissions item in page 9. <p>This is a newly released report, replacing the BTL-FCCP-8-2410G027A R01 report.</p>	Aug. 13, 2025	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 A2LA:

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	PASS	-----
15.247(d) 15.205(a) 15.209(a)	Radiated Emissions	APPENDIX B APPENDIX C APPENDIX D	PASS	-----
15.247(a)(2)	Bandwidth	APPENDIX E	PASS	-----
15.247(b)(3)	Maximum Output Power	APPENDIX F	PASS	-----
15.247(d)	Conducted Spurious Emissions	APPENDIX G	PASS	-----
15.247(e)	Power Spectral Density	APPENDIX H	PASS	-----
15.203	Antenna Requirement	-----	PASS	Note(2)

Note:

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

(2) The device what use a non-standard antenna jack were considered sufficient to comply with the provisions of 15.203.

2.1 TEST FACILITY

For radiated emissions above 1GHz:

The test facilities used to collect the test data in this report is at the location of Room 102 & 702, Building A3, No.9, Jinshagang 1st Road, Dalang, Dongguan, Guangdong People's Republic of China.

For others:

The test facilities used to collect the test data in this report is at the location of No.3, Jinshagang 1st Road, Dalang, Dongguan, Guangdong, China.

BTL's Registration Number for FCC: 747969

BTL's Designation Number for FCC: CN1377

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_i (dB)
DG-C02	CISPR	150kHz ~ 30MHz	2.88

B. Radiated emissions test:

Test Site	Method	Measurement Frequency Range	U_i (dB)
DG-CB03	CISPR	9kHz ~ 30MHz	2.36

Test Site	Method	Measurement Frequency Range	Ant. H / V	U_i (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_i (dB)
DG-CB18 (3m)	CISPR	1GHz ~ 6GHz	4.48
		6GHz ~ 18GHz	3.88

Test Site	Method	Measurement Frequency Range	U_i (dB)
DG-CB18 (1m)	CISPR	18 ~ 26.5 GHz	3.56

A. Other Measurement:

Test Item	Uncertainty
Bandwidth	0.90 %
Maximum Output Power	1.3 dB
Conducted Spurious Emission	1.9 dB
Power Spectral Density	1.4 dB
Temperature	0.8 °C
Humidity	2.2 %

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	22°C	55%	AC 120V/60Hz	Hayden Chen	Mar. 14, 2025
Radiated Emissions -9kHz to 30 MH	25°C	63%	AC 120V/60Hz	Hayden Chen	May 07, 2025
Radiated Emissions -30MHz to 1000MHz	23°C	52%	AC 120V/60Hz	Calvin Wen	May 15, 2025
Radiated Emissions -Above 1000MHz	23-24°C	47-50%	AC 120V/60Hz	Drew Tan Allen Tong	May 07, 2025 May 20, 2025
Bandwidth	25°C	60%	AC 120V/60Hz	Arvin Tong	Apr. 09, 2025
Maximum Output Power	23-25°C	53-60%	AC 120V/60Hz	Andrew Jiang Alex Yin	May 21, 2025~ Jul. 01, 2025
Conducted Spurious Emissions	23-25°C	53-60%	AC 120V/60Hz	Arvin Tong Jayden Li	Apr. 09, 2025 Aug. 08, 2025 Aug. 12, 2025 Aug. 13, 2025
Power Spectral Density	25°C	60%	AC 120V/60Hz	Arvin Tong	Apr. 09, 2025

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	4G+ Cat6 AX3000 Gigabit VPN Gateway with 4-Port PoE+
Brand Name	tp-link
Test Model	ER706WP-4G
Model Name	ER706WP-4G
Model Difference(s)	N/A
Hardware Version	V1
Software Version	V1
Power Source	DC voltage supplied from AC adapter. Model: T535131-2-DT
Power Rating	I/P: 100-240V~ 50/60Hz 1.6A O/P: 53.5V \equiv 1.31A 70.0W
Operation Frequency	2412 MHz ~ 2462 MHz
Modulation Type	IEEE 802.11b: DSSS IEEE 802.11g/n: 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	IEEE 802.11ax(HE20): 23.21 dBm (0.2094 W)

Note:

- The above EUT information is declared by manufacturer and for more detailed features description, please refers to the manufacturer's specifications or 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	ER706WP_ant1	Dipole	RP-SMA-M	6.02
2	tp-link	ER706WP_ant3	Dipole	RP-SMA-M	6.84

Note:

- This EUT supports CDD, and all antenna gains are not equal, so Directional gain = $G_{ANT} + \text{Array Gain}$.
For power measurements, Array Gain=0dB ($N_{ANT} \leq 4$), so the Directional gain=6.84. Then the output power limit is $30 - (6.84 - 6) = 29.16$.
For power spectral density measurements, Directional gain (each angle) = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / N]$ dB = $10 \log[(10^{4.02/20} + 10^{4.84/20})^2 / 2] = 7.45$.
Then, the power spectral density limit is $8 - (7.45 - 6) = 6.55$.
- Beamforming Gain: 3dB.

4. Table for Antenna Configuration:
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)

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 AX(HE20) Mode Channel 06
Mode 8	TX B Mode Channel 01/02/06/10/11
Mode 9	TX G Mode Channel 01/02/06/10/11
Mode 10	TX AX(HE20) Mode Channel 01/02/06/10/11
Mode 11	TX AX(HE40) Mode Channel 03/04/06/08/09

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

AC power line conducted emissions test	
Final Test Mode	Description
Mode 7	TX AX(HE20) Mode Channel 06

Radiated emissions test - Below 1GHz & Above 18 GHz	
Final Test Mode	Description
Mode 7	TX AX(HE20) Mode Channel 06

Radiated emissions test - 1 GHz - 18 GHz	
Mode 8	TX B Mode Channel 01/02/06/10/11
Mode 9	TX G Mode Channel 01/02/06/10/11
Mode 10	TX AX(HE20) Mode Channel 01/02/06/10/11
Mode 11	TX AX(HE40) Mode Channel 03/04/06/08/09

Conducted test	
Mode 1	TX B Mode Channel 01/06/11
Mode 2	TX G Mode Channel 01/06/11
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 IEEE 802.11ax(HE20) 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) For Beamforming operation, the manufacturer automatically reduces power based on a factor calculated as the difference between the beamforming directional gain and the CDD directional power gain. Thus, only the CDD mode was evaluated in this report.
- (6) For radiated emission 1 GHz - 18GHz test, the polarization of Vertical and Horizontal are evaluated, the worst case is Vertical for Band edge, Horizontal for Harmonic. In this report only recorded the worst case.
- (7) IEEE 802.11ax mode only support full RU, so only the full RU is evaluated and measured inside report.
- (8) HE20/HE40 covers HT20/HT40, due to same modulation (in full RU). The power setting for 802.11n HT20/HT40 are the same or lower than 802.11ax HE20/HE40.

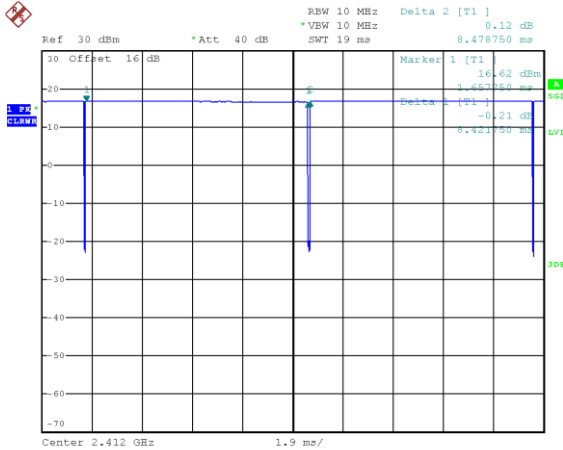
3.3 PARAMETERS OF TEST SOFTWARE

Test Software Version	QATool_Ulv2.78_DLLv6.83		
Frequency (MHz)	2412	2437	2462
IEEE 802.11b	16	16	16.5
IEEE 802.11g	17.5	18.5	15.5
IEEE 802.11n(HT20)	16.5	19	15
IEEE 802.11ax(HE20)	16.5	19	15
Frequency (MHz)	2422	2437	2452
IEEE 802.11n(HT40)	15.5	16.5	16
IEEE 802.11ax(HE40)	15	16	15.5

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.

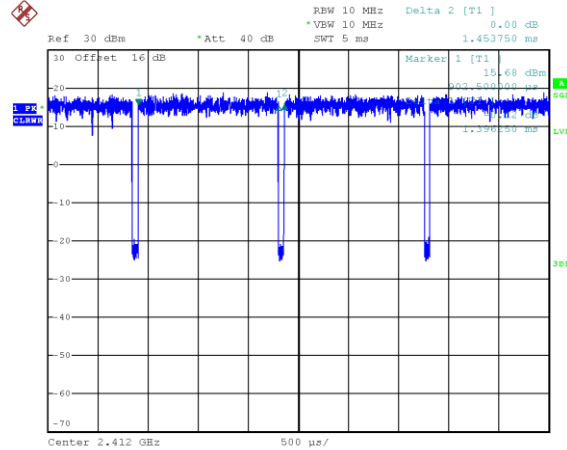
IEEE 802.11b



Date: 10.APR.2025 18:56:23

Duty cycle = 8.422 ms / 8.479 ms = 99.33%
Duty Factor = $10 \log(1/\text{Duty cycle}) = 0.00 \text{ dB}$

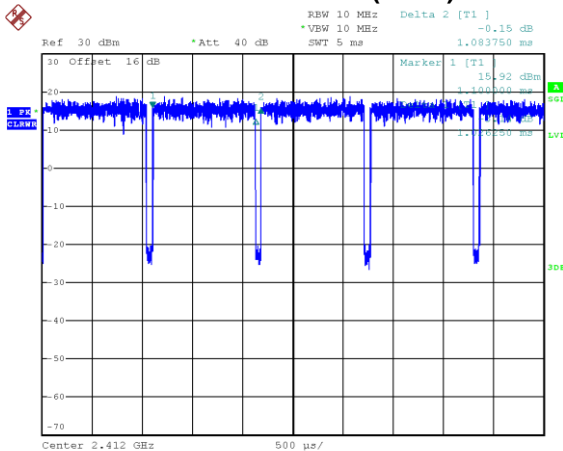
IEEE 802.11g



Date: 10.APR.2025 18:56:39

Duty cycle = 1.396 ms / 1.454 ms = 96.04%
Duty Factor = $10 \log(1/\text{Duty cycle}) = 0.18 \text{ dB}$

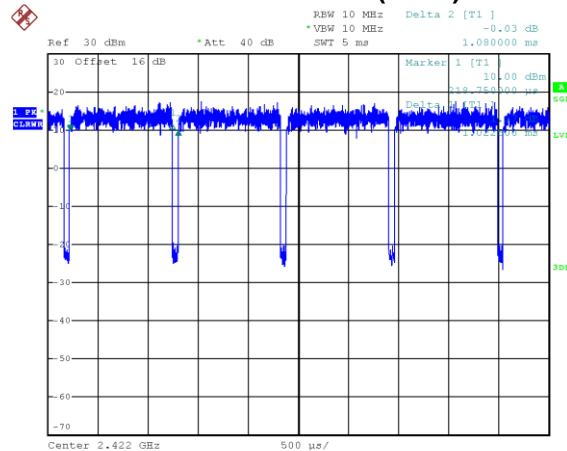
IEEE 802.11ax(HE20)



Date: 10.APR.2025 18:57:19

Duty cycle = 1.026 ms / 1.084 ms = 94.69%
Duty Factor = $10 \log(1/\text{Duty cycle}) = 0.24 \text{ dB}$

IEEE 802.11ax(HE40)



Date: 10.APR.2025 18:57:47

Duty cycle = 1.023 ms / 1.080 ms = 94.68%
Duty Factor = $10 \log(1/\text{Duty cycle}) = 0.24 \text{ dB}$

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 716204 Hz.

For IEEE 802.11ax(HE20):

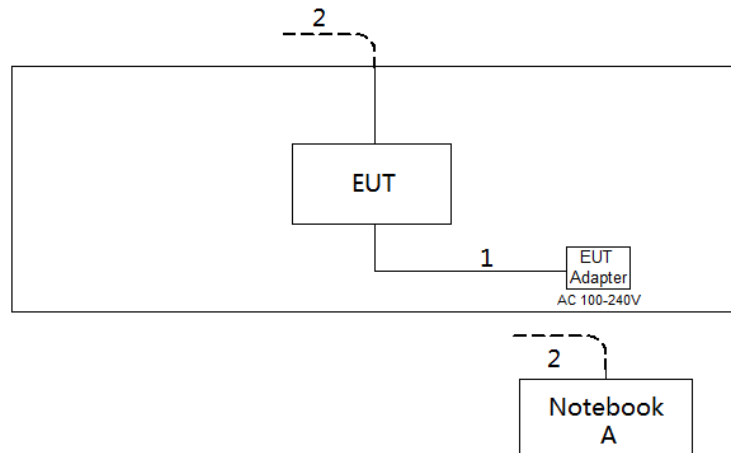
For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 974421 Hz.

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 977995 Hz.

(Remark: The video bandwidth of the spectrum analyzer was set to 1kHz during the test.)

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 (0.5dB) 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 (dBμV)	
	Quasi-peak	Average
0.15 - 0.5	66 to 56*	56 to 46*
0.5 - 5.0	56	46
5.0 - 30.0	60	50

NOTE:

- (1) The tighter limit applies at the band edges.
- (2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.
- (3) The test result calculated as following:
Measurement Value = Reading Level + Correct Factor
Correct Factor = Insertion Loss + Cable Loss + Attenuator Factor (if use)
Margin Level = Measurement Value - Limit Value

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.

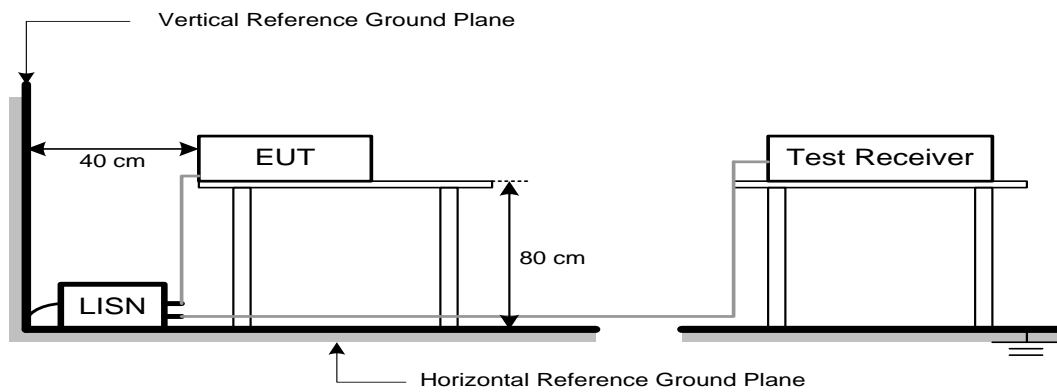
The following table is the setting of the receiver:

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 (dBμV/m)		Harmonic at 1m (dBμV/m)	
	Peak	Average	Peak	Average
Above 1000	74	54	83.5 (Note 5)	63.5 (Note 5)

NOTE:

- (1) The limit for radiated test was performed according to FCC CFR Title 47, Part 15, Subpart C.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).
- (4) The test result calculated as following:
 Measurement Value = Reading Level + Correct Factor
 Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain(if use)
 Margin Level = Measurement Value - Limit Value

(5)

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

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

FS_{limit}: Harmonic at 3m Peak and Average limit.

FS_{max}: Harmonic at 1m Peak and Average Maximum value.

d_{limit}: Harmonic at 3m test distance.

d_{measure}: Harmonic Actual test distance.

5.2 TEST PROCEDURE

- 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)
- The measuring distance of 3 m or 1m shall be used for measurements. The EUT was placed on the top of a rotating table 1.5 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(above 1GHz)
- 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.
- 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).
- 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.
- 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.
- 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)
- 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)
- 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

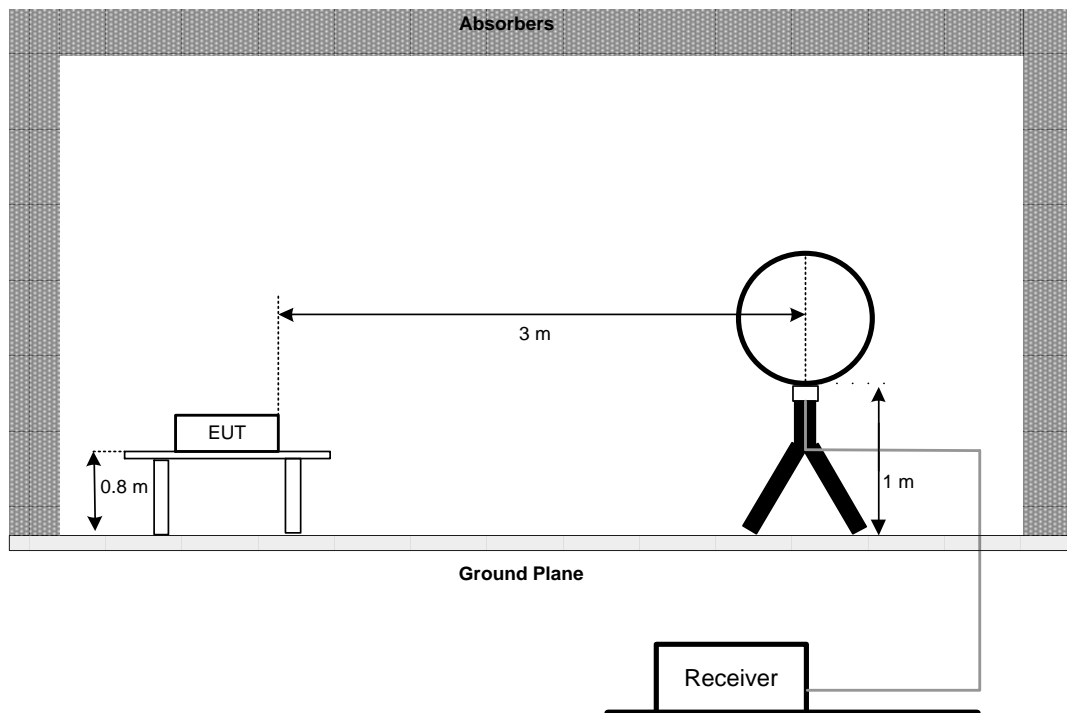
Receiver Parameters	Setting
Start ~ Stop Frequency	9 kHz~90 kHz for PK/AVG detector
Start ~ Stop Frequency	90 kHz~110 kHz for QP detector
Start ~ Stop Frequency	110 kHz~490 kHz for PK/AVG detector
Start ~ Stop Frequency	490 kHz~30 MHz for QP detector
Start ~ Stop Frequency	30 MHz~1000 MHz for QP detector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

5.3 DEVIATION FROM TEST STANDARD

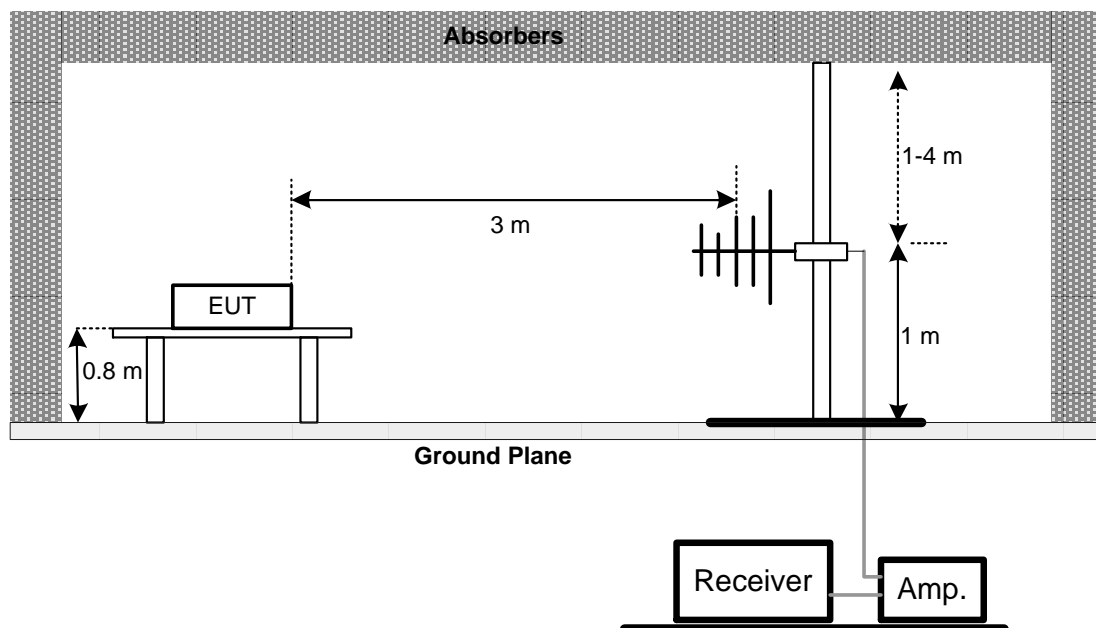
No deviation.

5.4 TEST SETUP

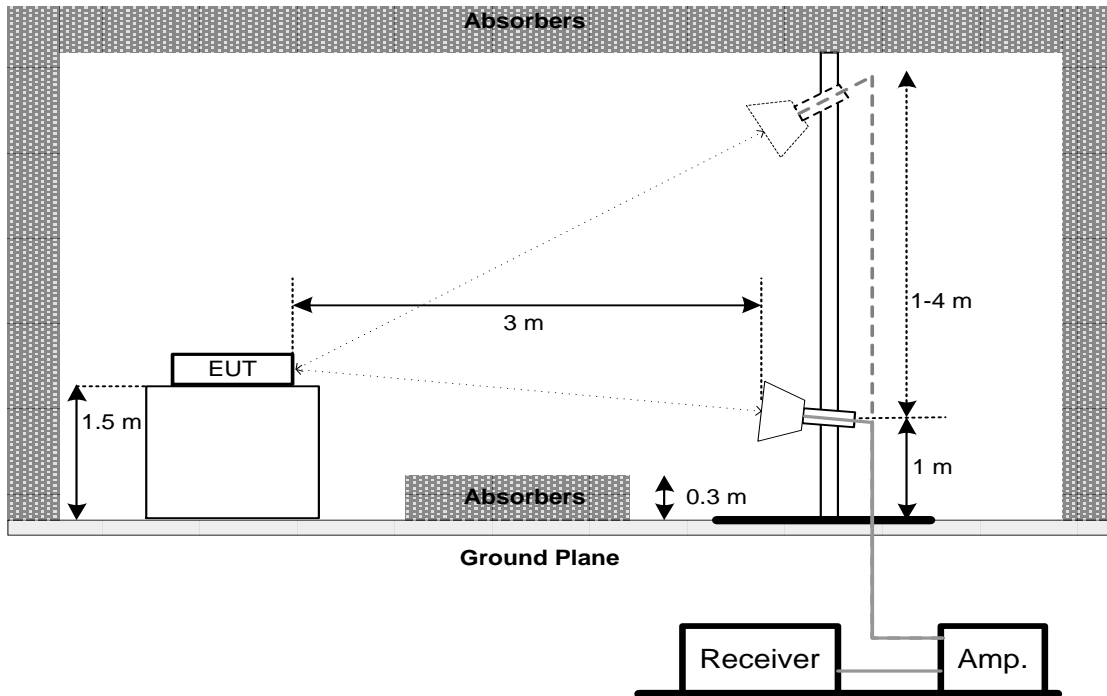
9 kHz to 30 MHz



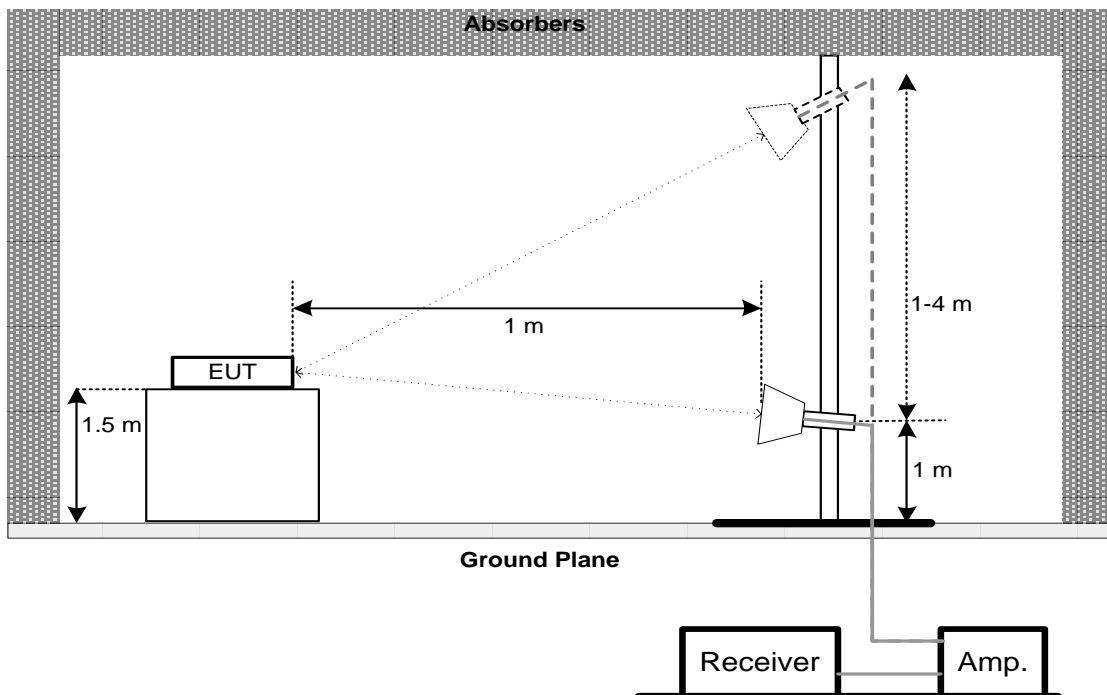
30 MHz to 1 GHz



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	> Measurement Bandwidth
RBW	100 kHz
VBW	300 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

For 99% Emission Bandwidth:

Spectrum Parameters	Setting
Span	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

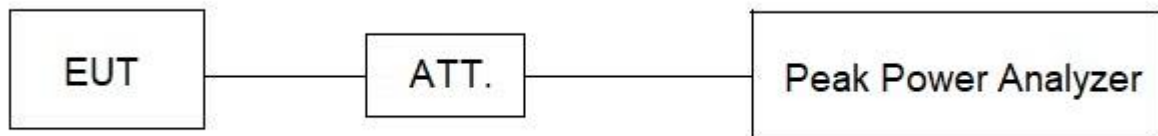
7.2 TEST PROCEDURE

- 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 (for AVG power) 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	≥ 1.5 times the bandwidth.
RBW	100 kHz
VBW	300 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

For Emission Level - Band edge:

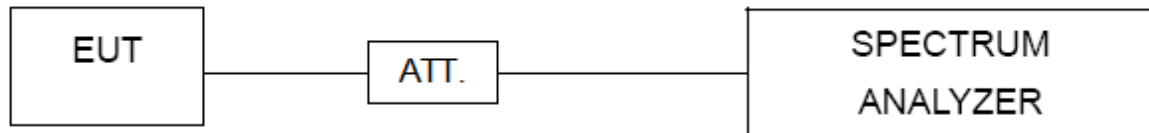
Spectrum Parameters	Setting
Start Frequency	2300 MHz
Stop Frequency	2690 MHz
RBW	100 kHz
VBW	300 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

For Emission Level - Harmonic:

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

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

Spectrum Parameters	Setting
Span	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	ESCI	100382	Dec. 06, 2025
2	TWO-LINE V-NETWORK	R&S	ENV216	101447	Dec. 06, 2025
3	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
4	Cable	N/A	SFT205-NMNM-9M -001	9M	Nov. 11, 2025
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 1513-60	00025	Mar. 01, 2026
2	Receiver	Agilent	N9038A	MY52130039	Jan. 10, 2026
3	Cable	RegalWay	LMR400-NMNM-6 m	N/A	Apr. 26, 2026
4	Cable	RegalWay	LMR400-NMRANM -3.5m	N/A	Apr. 26, 2026
5	966 Chamber room	CM	9*6*6	N/A	May 16, 2025

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	01462	Dec. 14, 2025
2	Attenuator	EMC INSTRUMENT	EMCI-N-6-06	AT-06009	Dec. 14, 2025
3	Preamplifier	EMC INSTRUMENT	EMC001330	980998	May 31, 2025
4	Cable	RegalWay	LMR400-NMNM-12 .5m	N/A	Jun. 06, 2025
5	Cable	RegalWay	LMR400-NMNM-3 m	N/A	Jun. 06, 2025
6	Cable	RegalWay	LMR400-NMNM-0. 5m	N/A	Jun. 06, 2025
7	Receiver	Agilent	N9038A	MY52130039	Jan. 10, 2026
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 16, 2025

Radiated Emissions - 1 GHz - 18 GHz

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Multi-Device Controller	ETS-Lindgren	N/A	N/A	N/A
2	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
3	MXA Signal Analyzer	KEYSIGHT	N9020B	MY63430227	Oct. 29, 2025
4	Cable	RegalWay	RWLP50-4.0A-SMS M-1.3M	N/A	Apr. 06, 2026
5	Cable	RegalWay	RWLP50-2.6A-3.5 M2.92MRA-3M	N/A	Apr. 06, 2026
6	Cable	RegalWay	RWLP50-4.0A-SMS M-9M	N/A	Apr. 06, 2026
7	966 Chamber room	ETS	RFD-100(SVSWR)	Q2179	Jan. 07, 2026
8	Double Ridged Horn Antenna	EMC INSTRUMENT	DRH18-E	210509A18ES	Aug. 28, 2025
9	Preamplifier	EMC INSTRUMENT	EMC118A45SE	981001	May 31, 2025
10	Attenuator	Talent Microwave	TA10A2-S-18	N/A	N/A
11	Filter	STI	STI15-9912	N/A	Oct. 29, 2025

Radiated Emissions - Above 18 GHz

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Cable	RegalWay	RWLP50-2.6A-2.92 M2.92M-2M	N/A	Jan. 07, 2026
2	Cable	RegalWay	RWLP50-2.6A-3.5 M2.92MMRA-6M	N/A	Jan. 07, 2026
3	Preamplifier	EMC INSTRUMENT	EMC184045SE	980793	Jan. 10, 2026
4	Broad-Band Horn Antenna	Schwarzbeck	BBHA9170	01046	Jul. 22, 2025
5	Multi-Device Controller	ETS-Lindgren	N/A	N/A	N/A
6	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
7	MXA Signal Analyzer	KEYSIGHT	N9020B	MY63430227	Oct. 29, 2025

**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	May 31, 2025
2	CTA	BTL	CTA	N/A	N/A
3	Isolation attenuator	Z-Link	ASMA-16-18-2W	N/A	N/A
4	Cable	RegalWay	20210802 014	RWP50-402-SMSM-1M	N/A

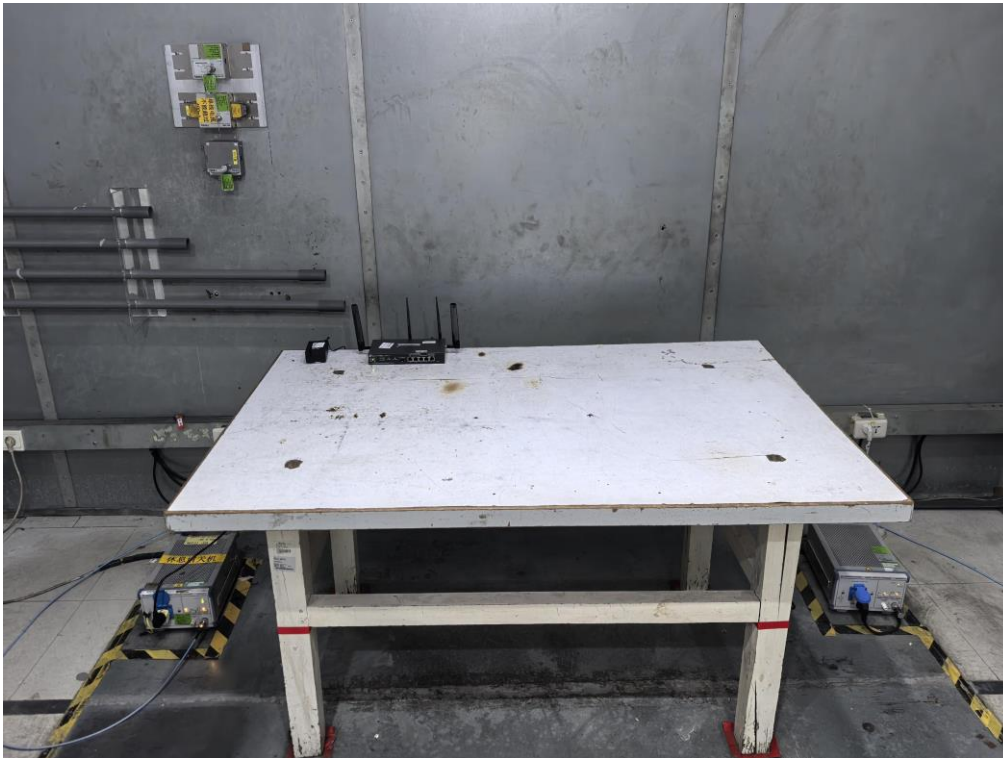
**Conducted Spurious Emissions
(Test Date: Aug. 08, 2025~ Aug. 13, 2025)**

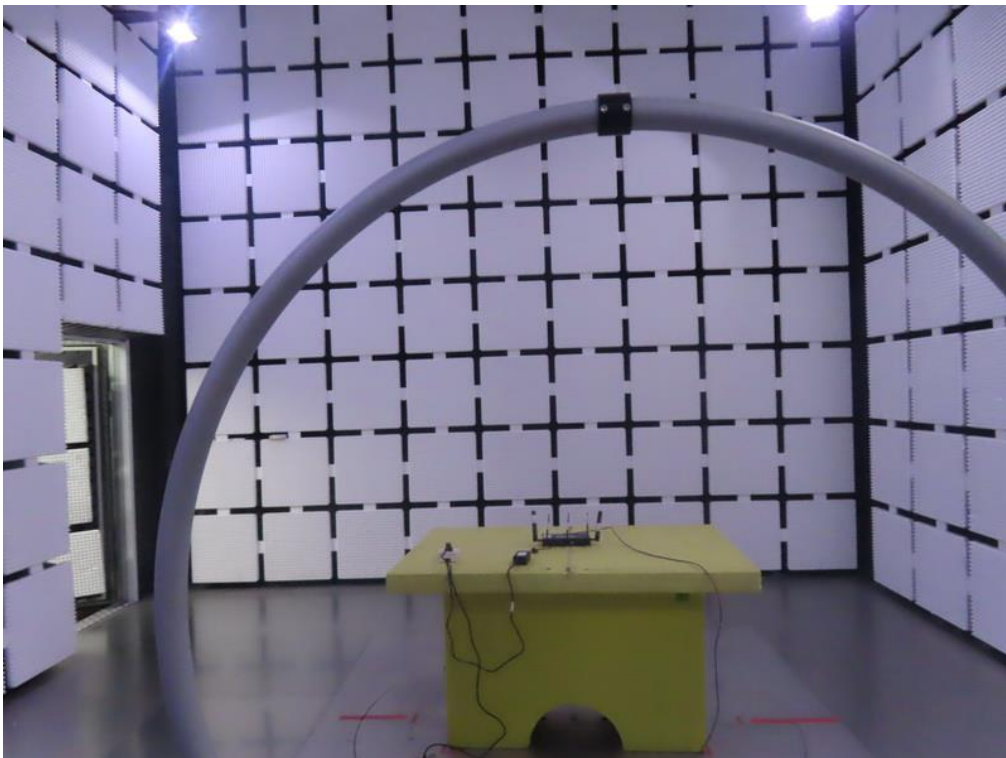
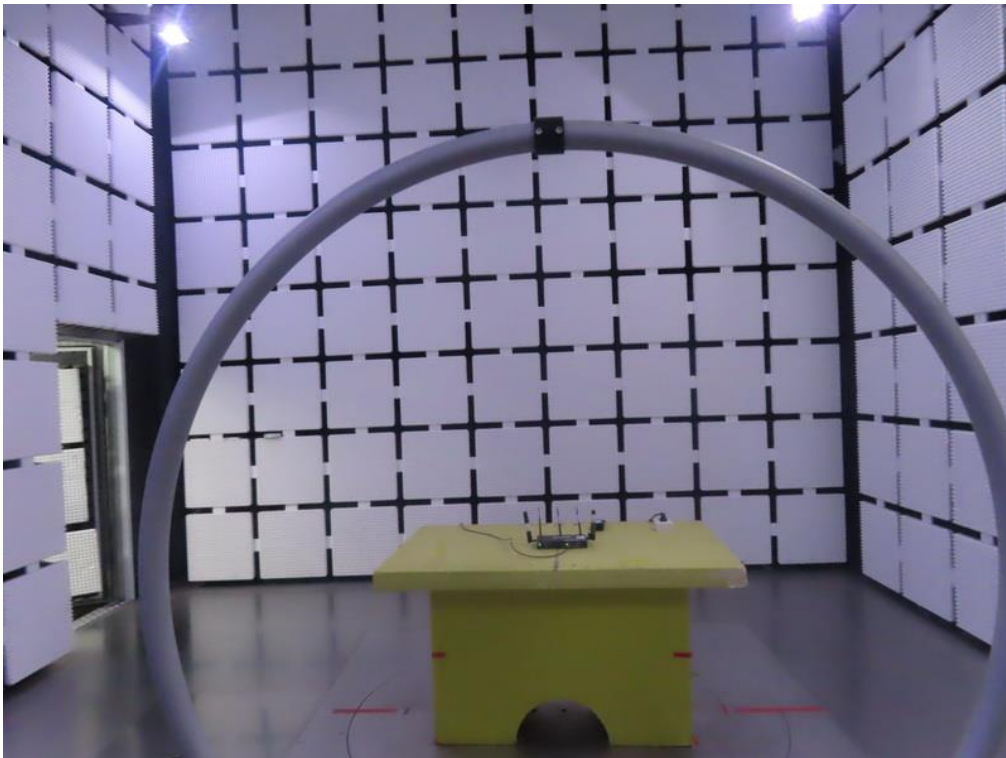
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100185	May 17, 2026
2	CTA	BTL	CTA	N/A	N/A
3	Isolation attenuator	Z-Link	ASMA-16-18-2W	N/A	N/A

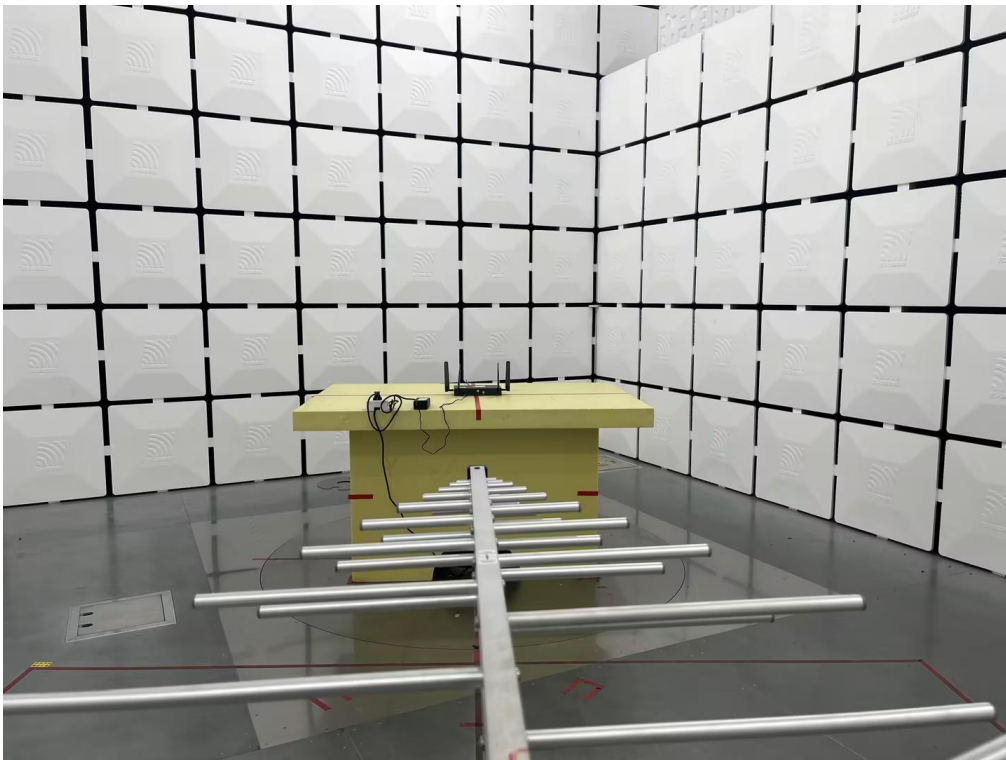
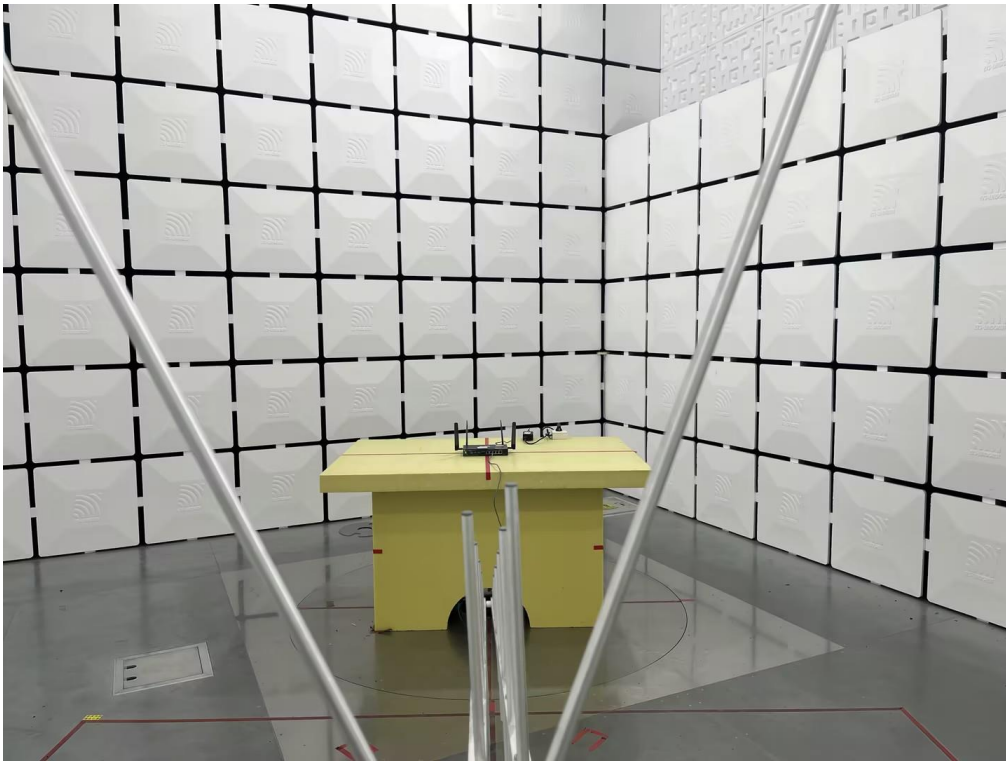
Maximum Output Power					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Peak Power Analyzer	Keysight	8990B	MY51000506	May 17, 2026
2	Wideband power sensor	Keysight	N1923A	MY58310004	May 17, 2026
3	Isolation attenuator	Z-Link	ASMA-10-18-2W	N/A	N/A

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

All calibration period of equipment list is one year.

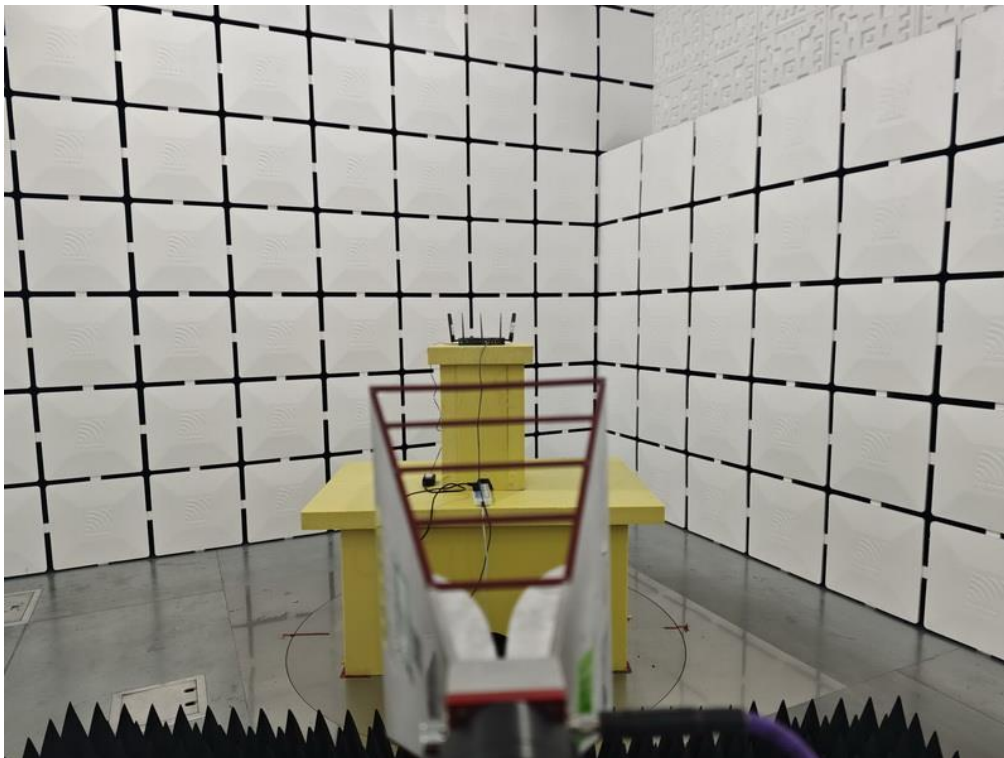
11. EUT TEST PHOTO**AC Power Line Conducted Emissions Test Photos**

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

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

Radiated Emissions Test Photos

Band edge & Harmonic(1 GHz to 18 GHz)



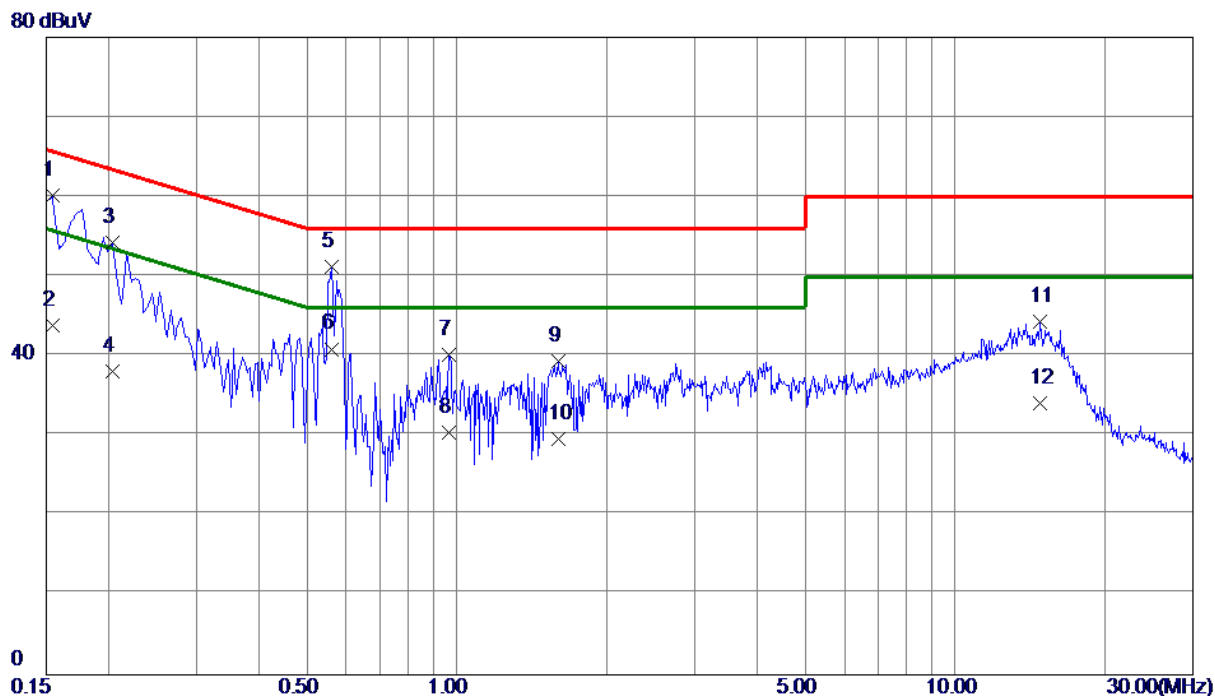
Radiated Emissions Test Photos**Harmonic(18 GHz to 26.5 GHz)**

Conducted Test Photos



APPENDIX A - AC POWER LINE CONDUCTED EMISSIONS

Test Mode	TX AX(HE20) Mode Channel 06	Phase	Line
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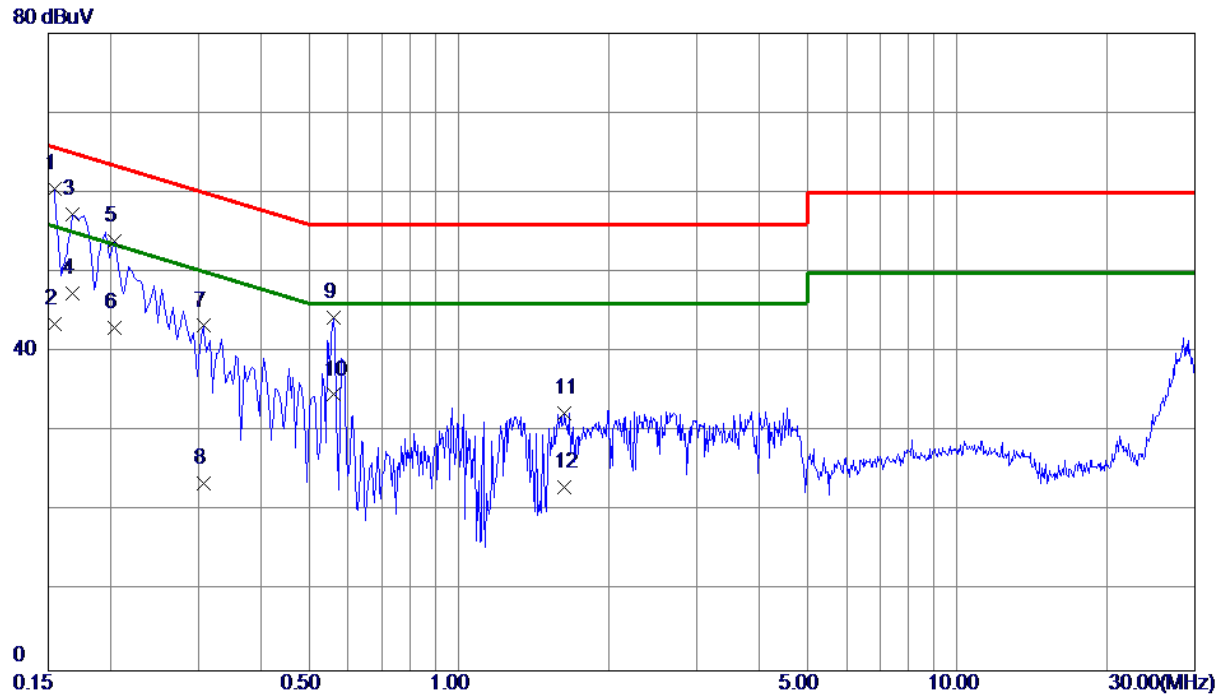
No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	0.1545	50.21	9.90	60.11	65.75	-5.64	QP	
2	0.1545	33.91	9.90	43.81	55.75	-11.94	AVG	
3	0.2040	44.29	9.90	54.19	63.45	-9.26	QP	
4	0.2040	28.20	9.90	38.10	53.45	-15.35	AVG	
5 *	0.5595	41.18	9.97	51.15	56.00	-4.85	QP	
6	0.5595	30.91	9.97	40.88	46.00	-5.12	AVG	
7	0.9645	30.18	10.04	40.22	56.00	-15.78	QP	
8	0.9645	20.30	10.04	30.34	46.00	-15.66	AVG	
9	1.5990	29.17	10.14	39.31	56.00	-16.69	QP	
10	1.5990	19.50	10.14	29.64	46.00	-16.36	AVG	
11	14.7840	30.72	13.62	44.34	60.00	-15.66	QP	
12	14.7840	20.40	13.62	34.02	50.00	-15.98	AVG	

REMARKS:

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

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

Test Mode	TX AX(HE20) 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 *	0.1545	50.51	9.97	60.48	65.75	-5.27	QP	
2	0.1545	33.61	9.97	43.58	55.75	-12.17	AVG	
3	0.1680	47.29	9.97	57.26	65.06	-7.80	QP	
4	0.1680	37.40	9.97	47.37	55.06	-7.69	AVG	
5	0.2040	43.96	9.97	53.93	63.45	-9.52	QP	
6	0.2040	33.10	9.97	43.07	53.45	-10.38	AVG	
7	0.3075	33.30	9.98	43.28	60.04	-16.76	QP	
8	0.3075	13.50	9.98	23.48	50.04	-26.56	AVG	
9	0.5595	34.33	10.03	44.36	56.00	-11.64	QP	
10	0.5595	24.61	10.03	34.64	46.00	-11.36	AVG	
11	1.6305	22.17	10.19	32.36	56.00	-23.64	QP	
12	1.6305	12.90	10.19	23.09	46.00	-22.91	AVG	

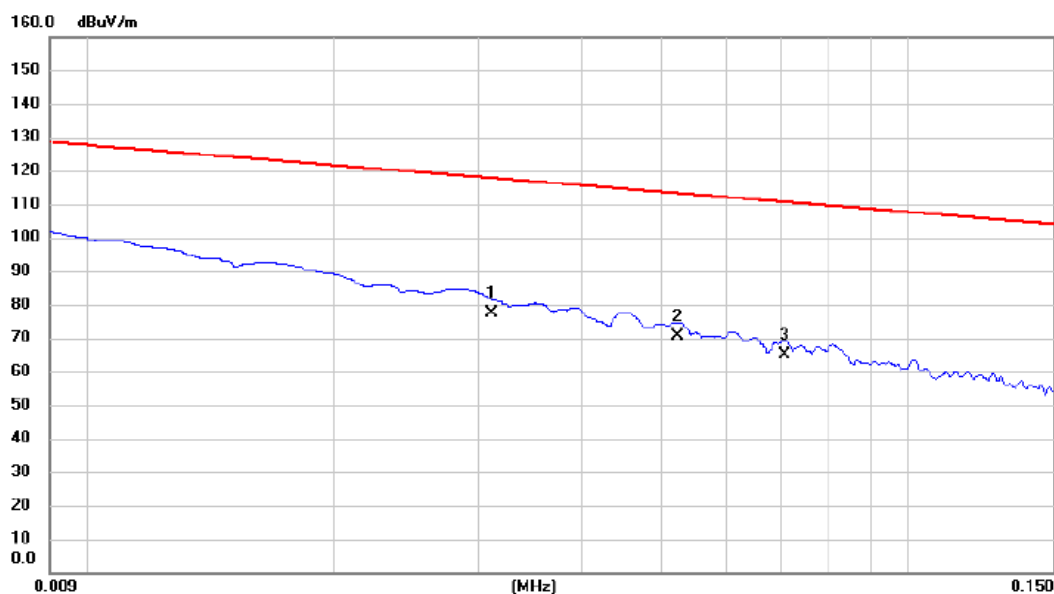
REMARKS:

(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 AX(HE20) Mode Channel 06	Polarization	Ant 0°
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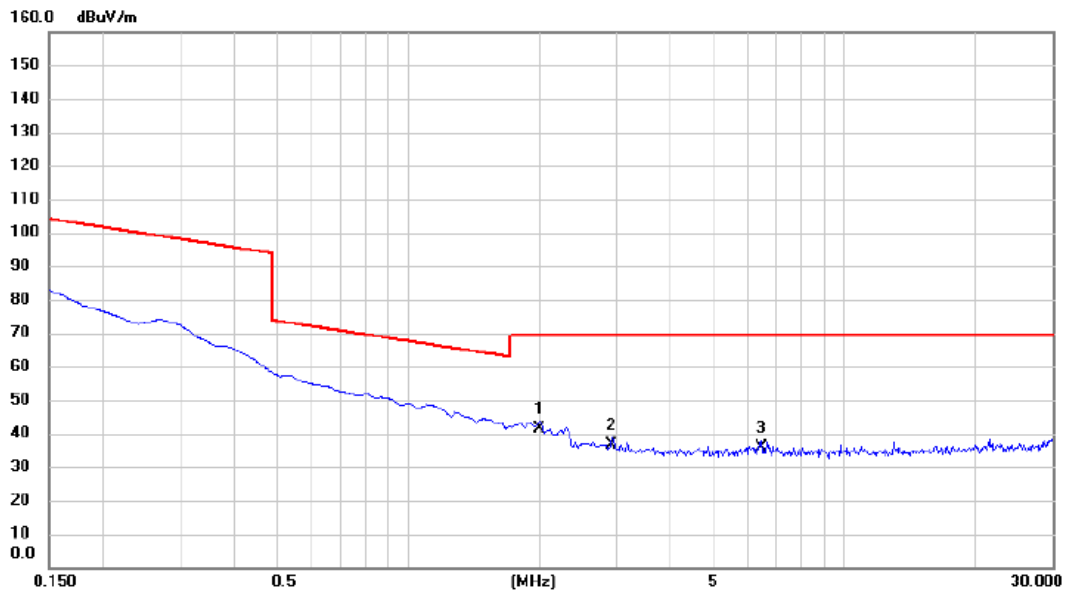
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	0.031	56.32	21.25	77.57	117.75	-40.18	AVG	
2		0.052	49.25	21.34	70.59	113.23	-42.64	AVG	
3		0.071	43.58	21.34	64.92	110.63	-45.71	AVG	

REMARKS:

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

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

Test Mode	TX AX(HE20) Mode Channel 06	Polarization	Ant 0°
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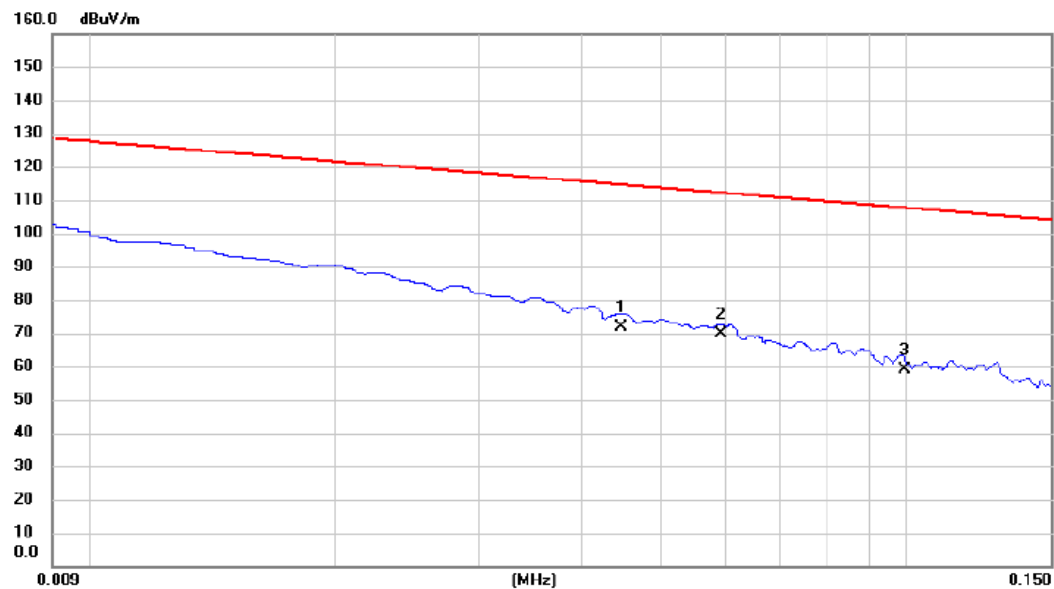
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	2.001	20.36	21.21	41.57	69.54	-27.97	QP	
2		2.926	15.21	21.27	36.48	69.54	-33.06	QP	
3		6.448	14.36	21.47	35.83	69.54	-33.71	QP	

REMARKS:

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

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

Test Mode	TX AX(HE20) Mode Channel 06	Polarization	Ant 90°
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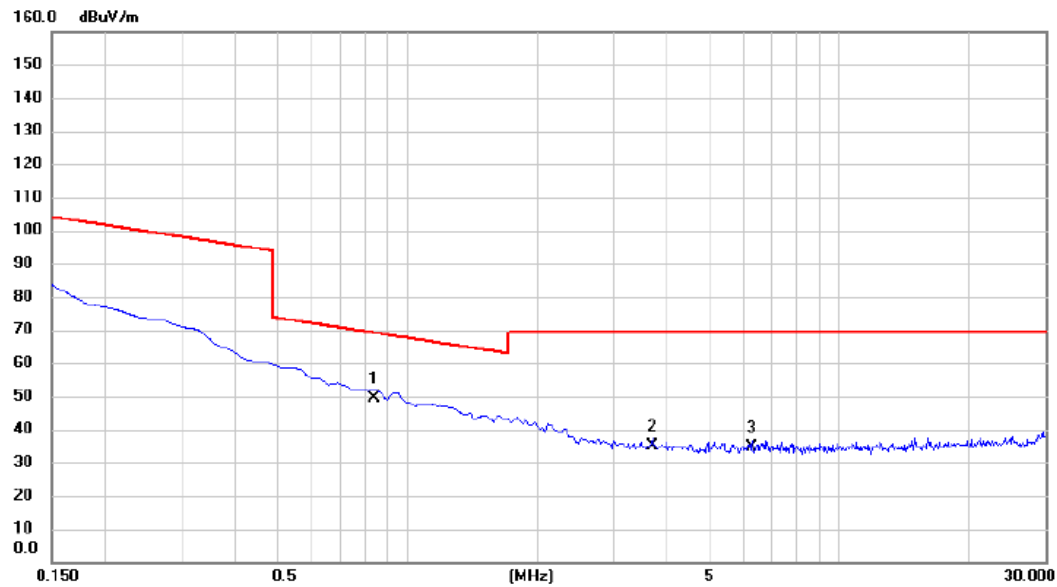


No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	0.045	50.31	21.31	71.62	114.58	-42.96	AVG	
2 *	0.059	48.32	21.34	69.66	112.16	-42.50	AVG	
3	0.100	37.76	21.34	59.10	107.65	-48.55	QP	

REMARKS:

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

Test Mode	TX AX(HE20) 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 *	0.837	28.32	21.17	49.49	69.15	-19.66	QP	
2	3.702	13.62	21.31	34.93	69.54	-34.61	QP	
3	6.269	13.24	21.47	34.71	69.54	-34.83	QP	

REMARKS:

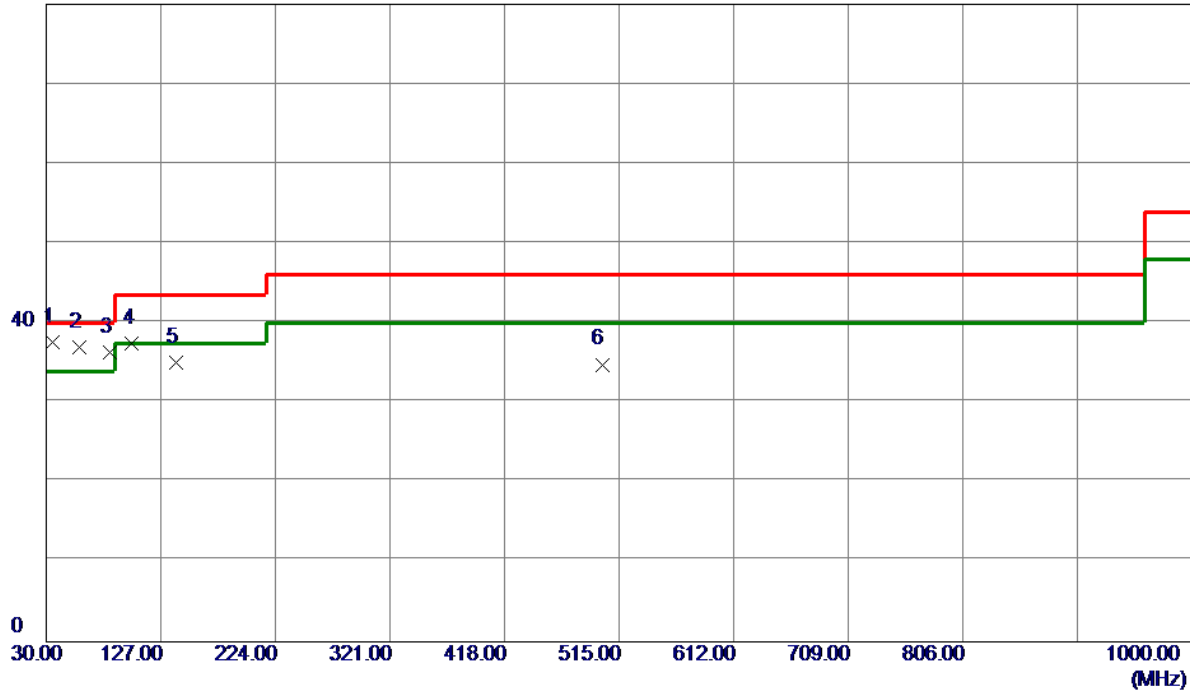
(1) Measurement Value = Reading Level + Correct Factor.

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

APPENDIX C - RADIATED EMISSION - 30 MHZ TO 1000 MHZ

Test Mode	TX AX(HE20) Mode Channel 06	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 *	35.8200	49.91	-12.31	37.60	40.00	-2.40	Peak	
2	58.1300	48.64	-11.68	36.96	40.00	-3.04	Peak	
3	84.3200	52.71	-16.35	36.36	40.00	-3.64	QP	
4	102.7500	52.86	-15.39	37.47	43.52	-6.05	Peak	
5	139.6100	46.81	-11.70	35.11	43.52	-8.41	Peak	
6	500.4500	40.62	-5.82	34.80	46.02	-11.22	Peak	

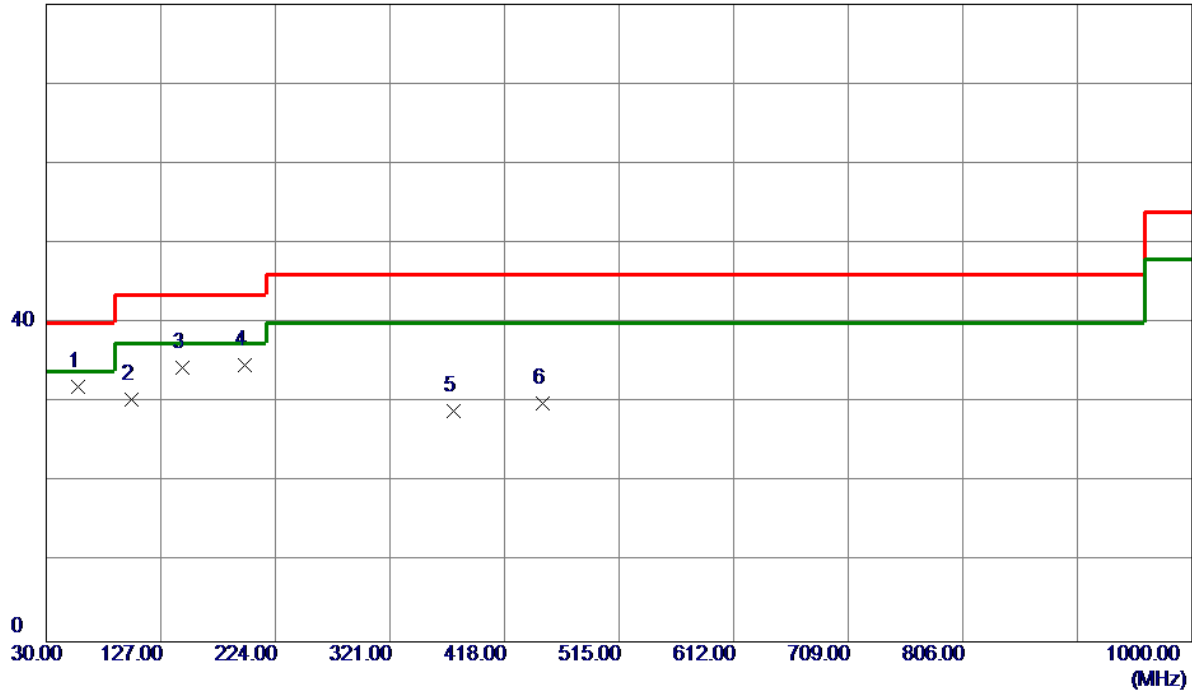
REMARKS:

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

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

Test Mode	TX AX(HE20) Mode Channel 06	Polarization	Horizontal
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80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	57.1600	43.56	-11.60	31.96	40.00	-8.04	Peak	
2	101.7800	45.87	-15.53	30.34	43.52	-13.18	Peak	
3	145.4299	45.83	-11.36	34.47	43.52	-9.05	Peak	
4	197.8100	48.85	-14.09	34.76	43.52	-8.76	Peak	
5	374.3500	37.64	-8.67	28.97	46.02	-17.05	Peak	
6	450.0100	36.52	-6.58	29.94	46.02	-16.08	Peak	

REMARKS:

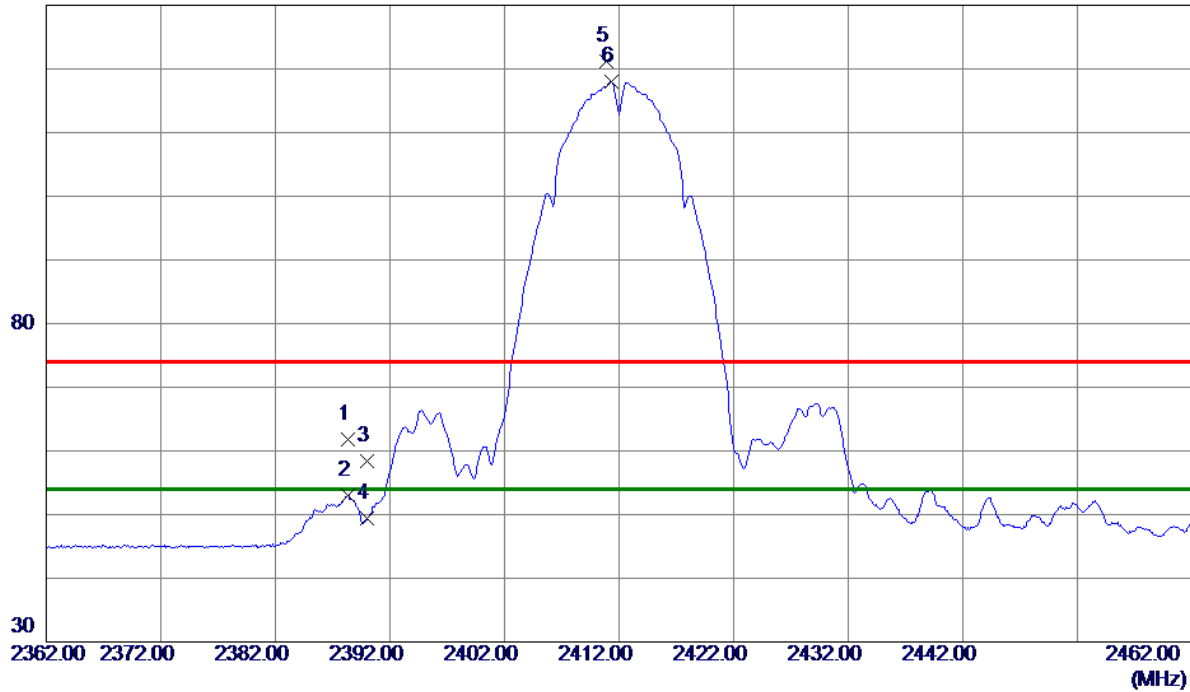
(1) Measurement Value = Reading Level + Correct Factor.

(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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130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2388.3000	53.25	8.54	61.79	74.00	-12.21	Peak	
2	2388.3000	44.49	8.54	53.03	54.00	-0.97	AVG	
3	2390.0000	49.88	8.55	58.43	74.00	-15.57	Peak	
4	2390.0000	40.77	8.55	49.32	54.00	-4.68	AVG	
5	2410.9000	112.62	8.60	121.22	74.00	47.22	Peak	No Limit
6 *	2411.3000	109.33	8.60	117.93	54.00	63.93	AVG	No Limit

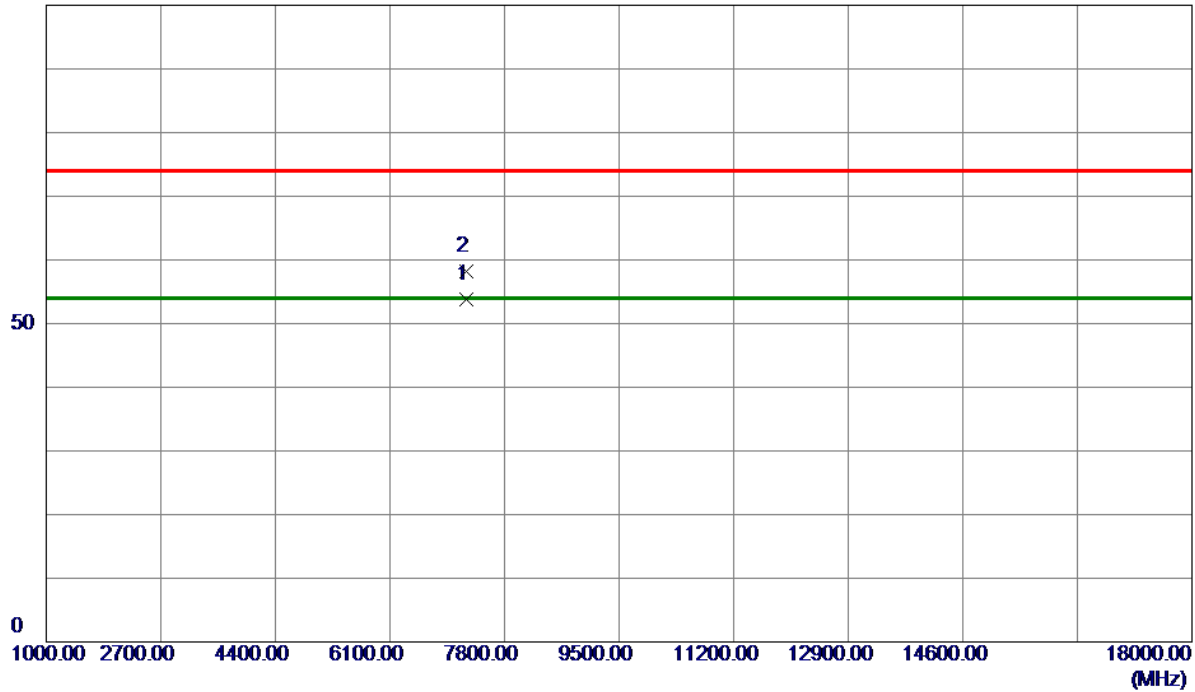
REMARKS:

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

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

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



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7236.7000	45.35	8.52	53.87	54.00	-0.13	AVG	
2	7237.1200	49.63	8.52	58.15	74.00	-15.85	Peak	

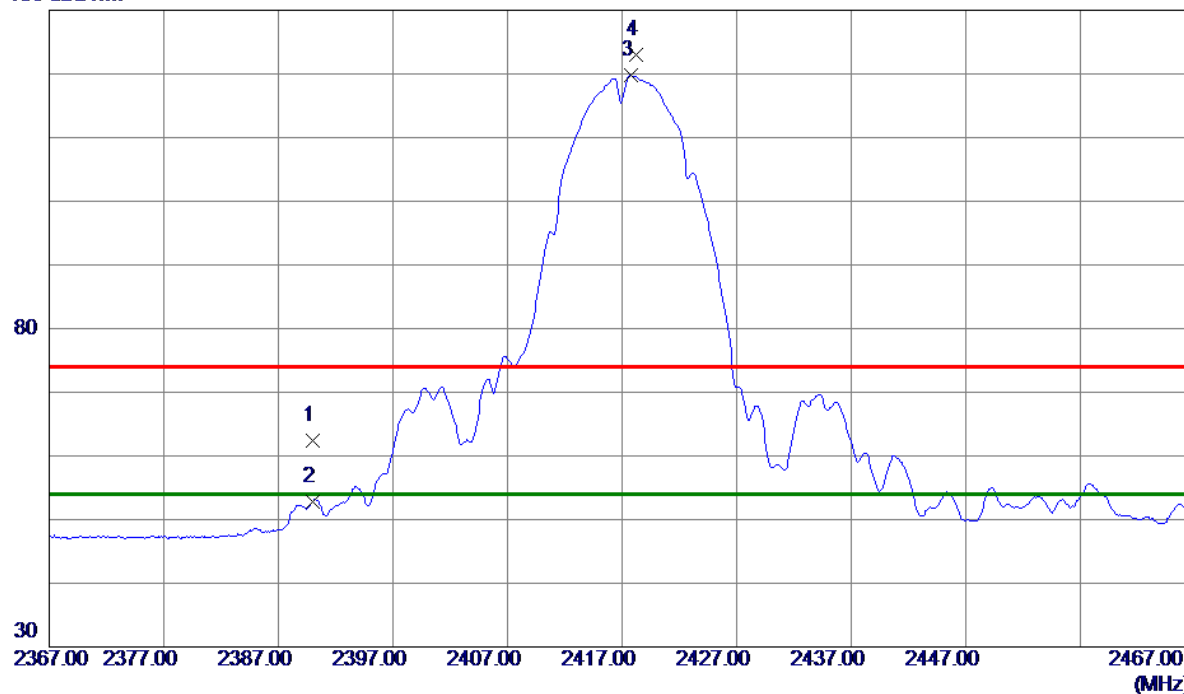
REMARKS:

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

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

Test Mode	TX B Mode 2417 MHz	Polarization	Vertical
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130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	53.86	8.55	62.41	74.00	-11.59	Peak	
2	2390.0000	44.25	8.55	52.80	54.00	-1.20	AVG	
3 *	2417.8000	111.13	8.62	119.75	54.00	65.75	AVG	No Limit
4	2418.2000	114.43	8.62	123.05	74.00	49.05	Peak	No Limit

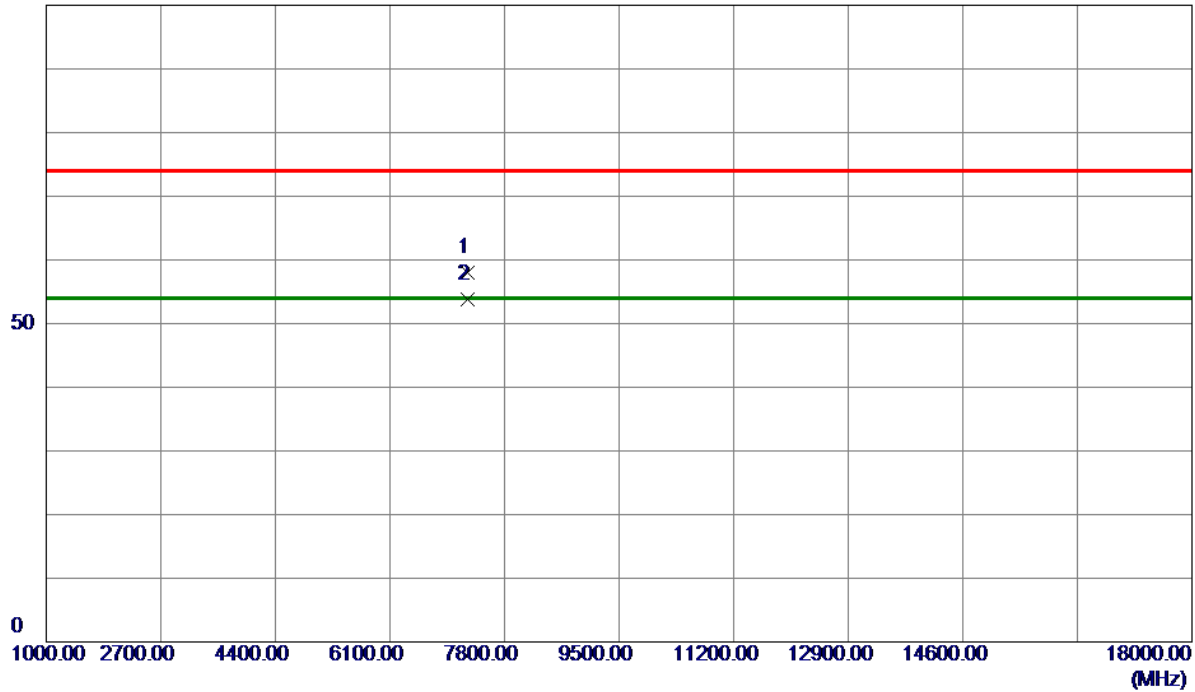
REMARKS:

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

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

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



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7250.0800	49.37	8.54	57.91	74.00	-16.09	Peak	
2 *	7250.1800	45.27	8.54	53.81	54.00	-0.19	AVG	

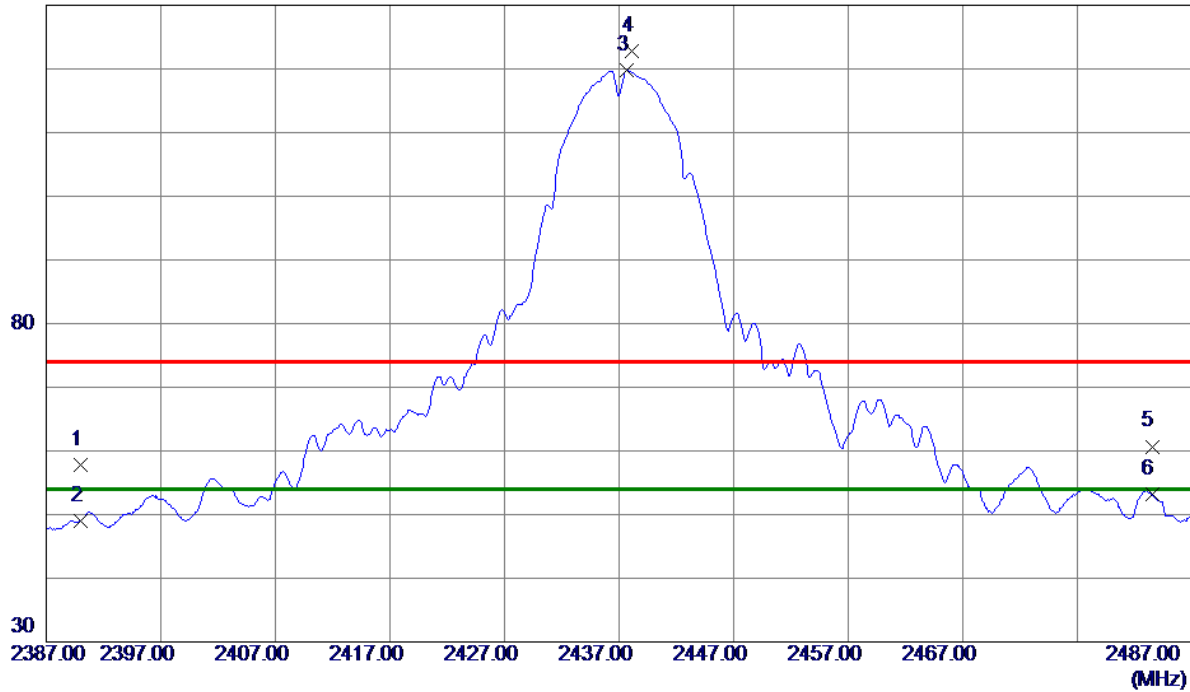
REMARKS:

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

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

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



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	49.28	8.55	57.83	74.00	-16.17	Peak	
2	2390.0000	40.45	8.55	49.00	54.00	-5.00	AVG	
3 *	2437.7000	111.11	8.67	119.78	54.00	65.78	AVG	No Limit
4	2438.1000	114.22	8.67	122.89	74.00	48.89	Peak	No Limit
5	2483.5000	51.91	8.79	60.70	74.00	-13.30	Peak	
6	2483.5000	44.35	8.79	53.14	54.00	-0.86	AVG	

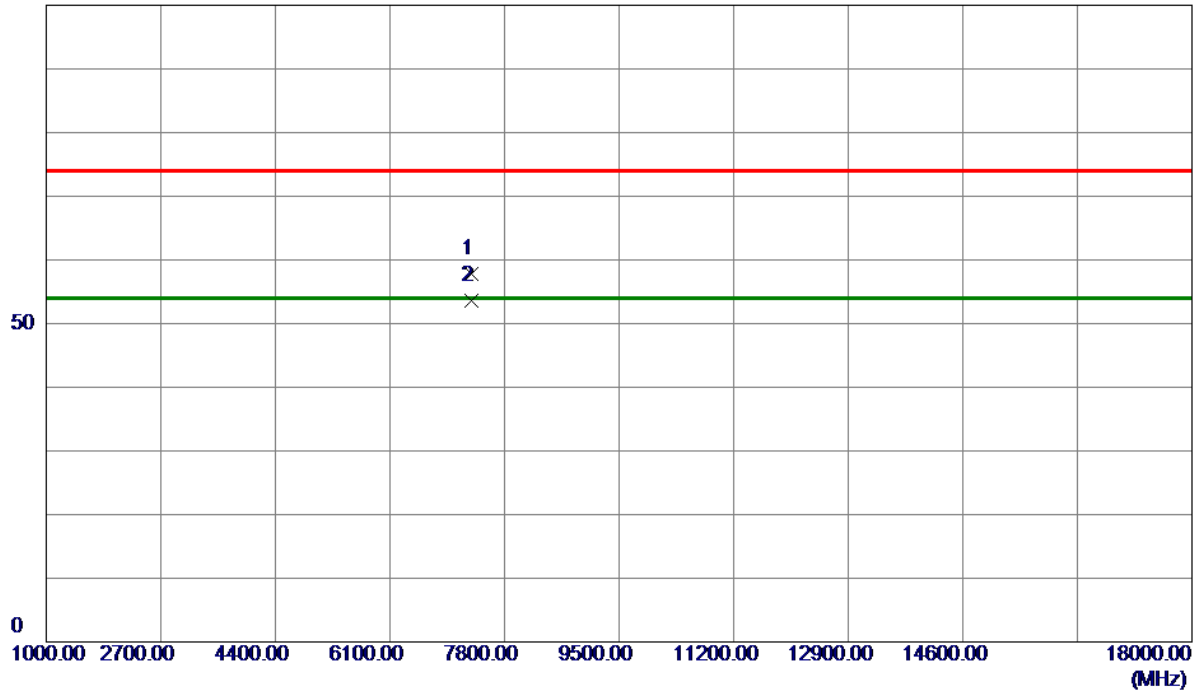
REMARKS:

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

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

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



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7309.7800	49.21	8.61	57.82	74.00	-16.18	Peak	
2 *	7310.1800	44.91	8.61	53.52	54.00	-0.48	AVG	

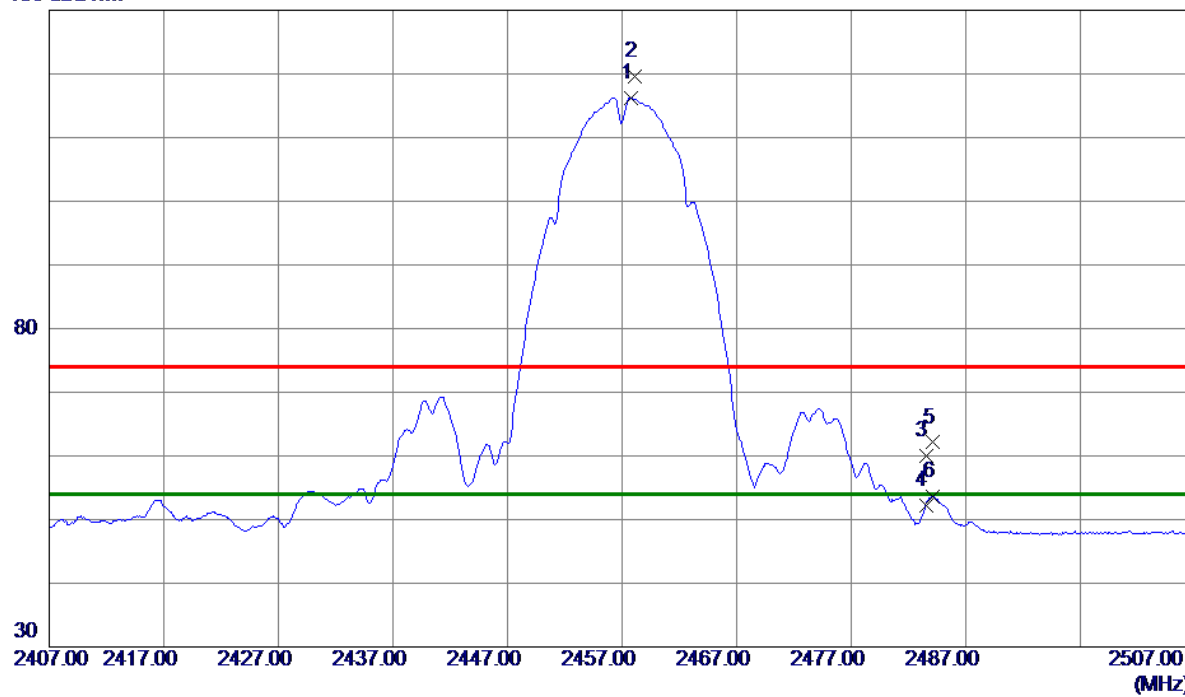
REMARKS:

(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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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 *	2457.8000	107.52	8.72	116.24	54.00	62.24	AVG	No Limit
2	2458.1000	110.84	8.72	119.56	74.00	45.56	Peak	No Limit
3	2483.5000	51.25	8.79	60.04	74.00	-13.96	Peak	
4	2483.5000	43.38	8.79	52.17	54.00	-1.83	AVG	
5	2484.1000	53.31	8.79	62.10	74.00	-11.90	Peak	
6	2484.1000	44.88	8.79	53.67	54.00	-0.33	AVG	

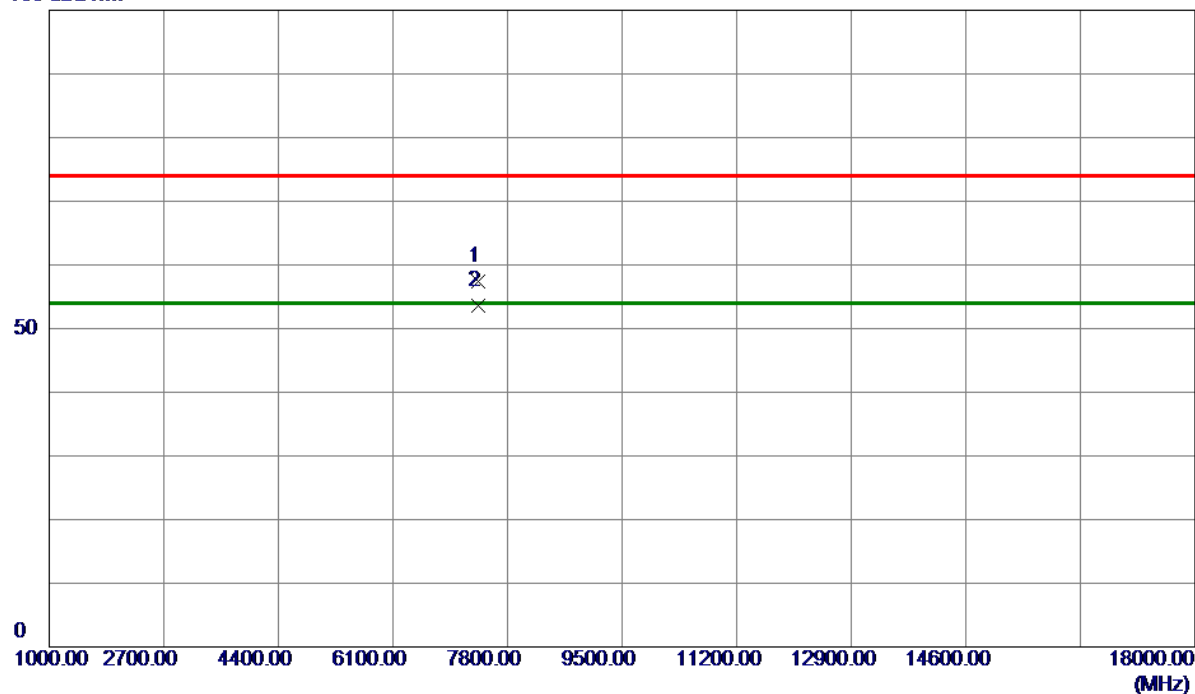
REMARKS:

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

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

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



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7369.6200	48.78	8.68	57.46	74.00	-16.54	Peak	
2 *	7371.6400	44.88	8.68	53.56	54.00	-0.44	AVG	

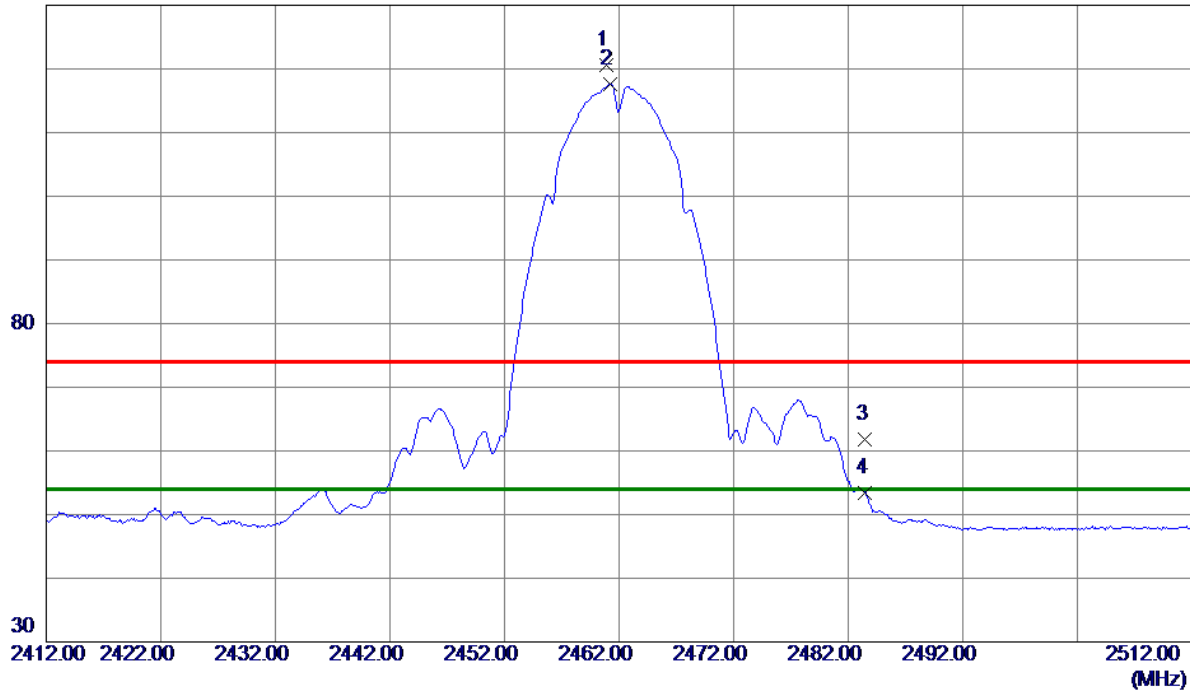
REMARKS:

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

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

Test Mode	TX B Mode 2462 MHz	Polarization	Vertical
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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	2460.9000	111.82	8.73	120.55	74.00	46.55	Peak	No Limit
2 *	2461.2000	108.82	8.73	117.55	54.00	63.55	AVG	No Limit
3	2483.5000	52.97	8.79	61.76	74.00	-12.24	Peak	
4	2483.5000	44.64	8.79	53.43	54.00	-0.57	AVG	

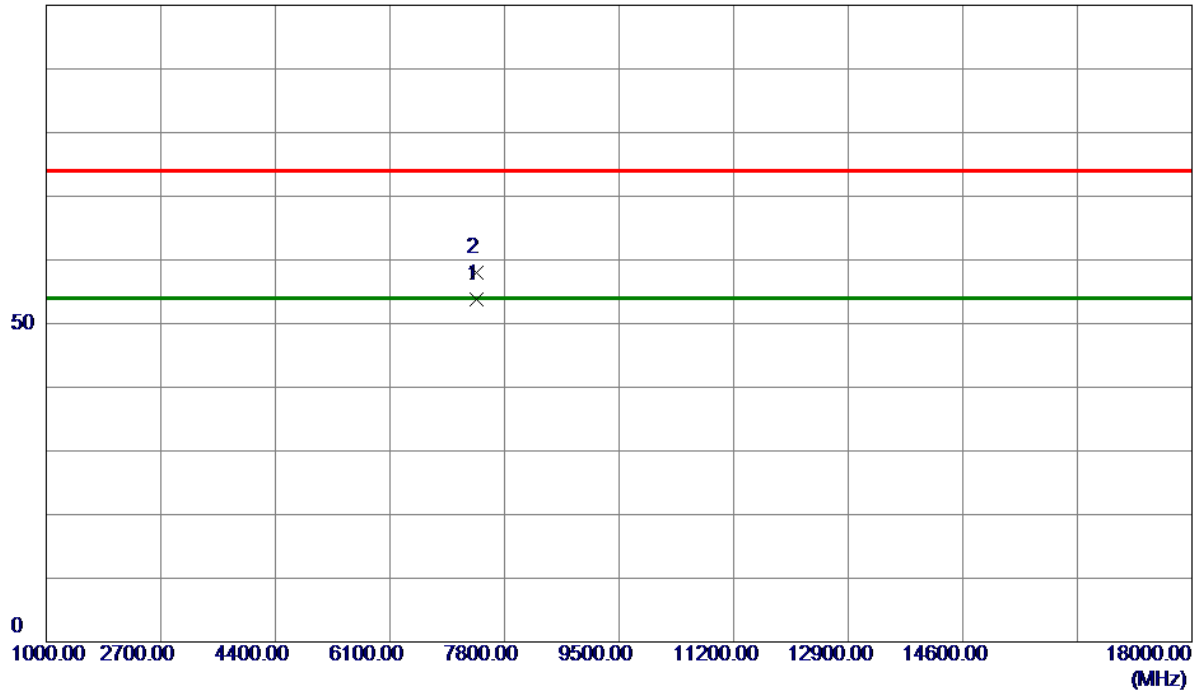
REMARKS:

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

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

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



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7385.2200	45.11	8.69	53.80	54.00	-0.20	AVG	
2	7387.4400	49.26	8.70	57.96	74.00	-16.04	Peak	

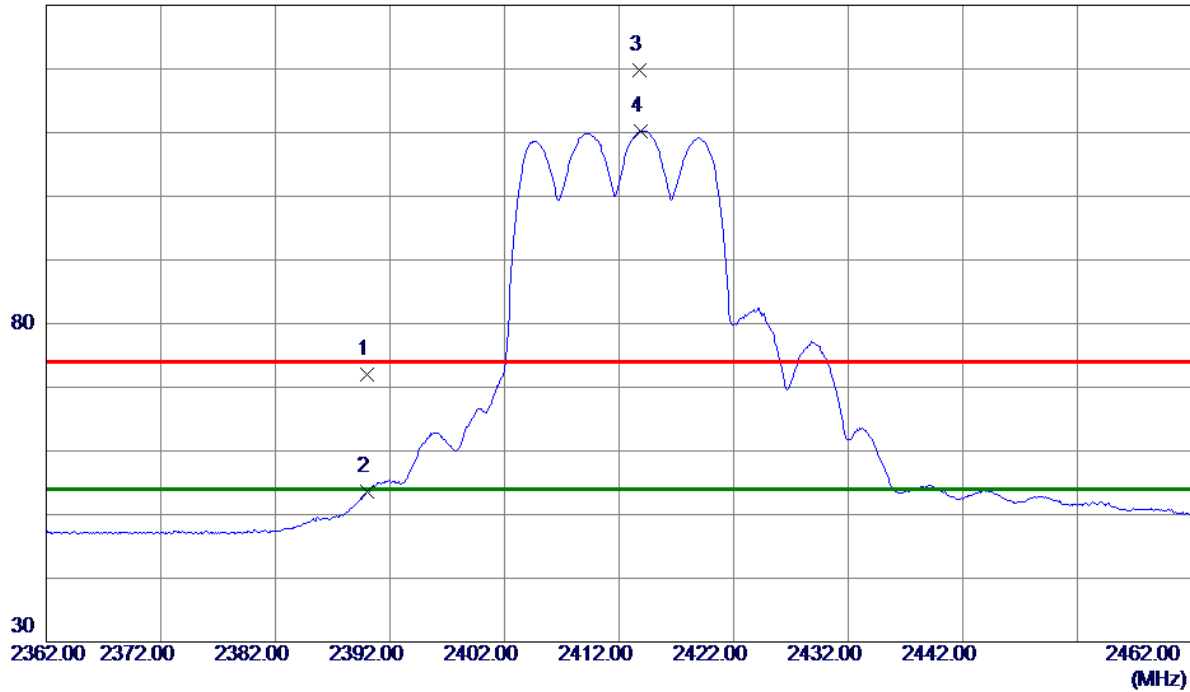
REMARKS:

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

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

Test Mode	TX G Mode 2412 MHz	Polarization	Vertical
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130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	63.38	8.55	71.93	74.00	-2.07	Peak	
2	2390.0000	44.96	8.55	53.51	54.00	-0.49	AVG	
3	2413.8000	111.17	8.61	119.78	74.00	45.78	Peak	No Limit
4 *	2413.9000	101.63	8.61	110.24	54.00	56.24	AVG	No Limit

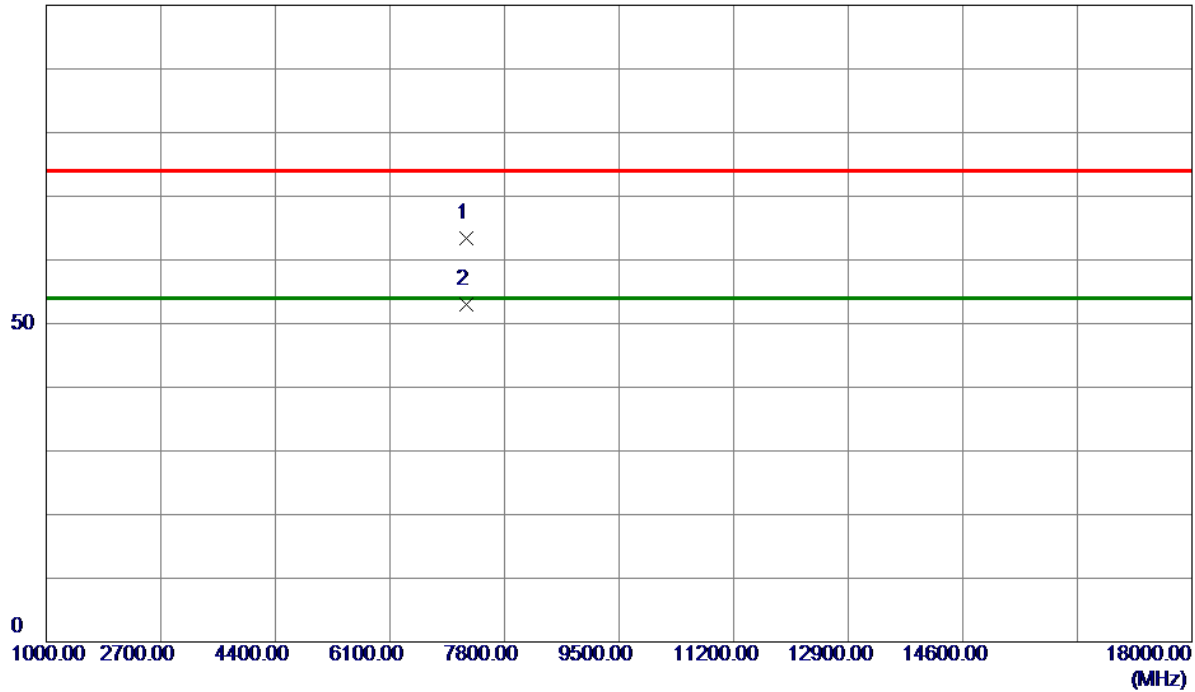
REMARKS:

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

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

Test Mode	TX G Mode 2412 MHz	Polarization	Horizontal
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100 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7231.7000	54.89	8.52	63.41	74.00	-10.59	Peak	
2 *	7236.3000	44.57	8.52	53.09	54.00	-0.91	AVG	

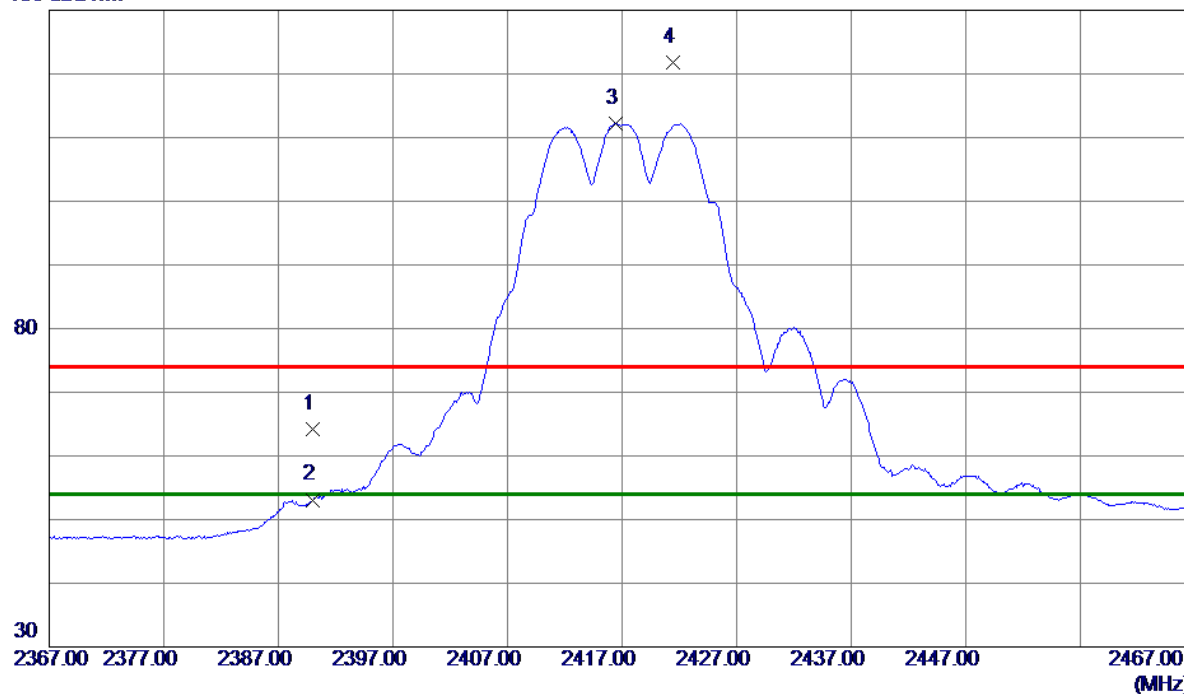
REMARKS:

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

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

Test Mode	TX G Mode 2417 MHz	Polarization	Vertical
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130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	55.60	8.55	64.15	74.00	-9.85	Peak	
2	2390.0000	44.55	8.55	53.10	54.00	-0.90	AVG	
3 *	2416.4000	103.58	8.62	112.20	54.00	58.20	AVG	No Limit
4	2421.4000	113.08	8.63	121.71	74.00	47.71	Peak	No Limit

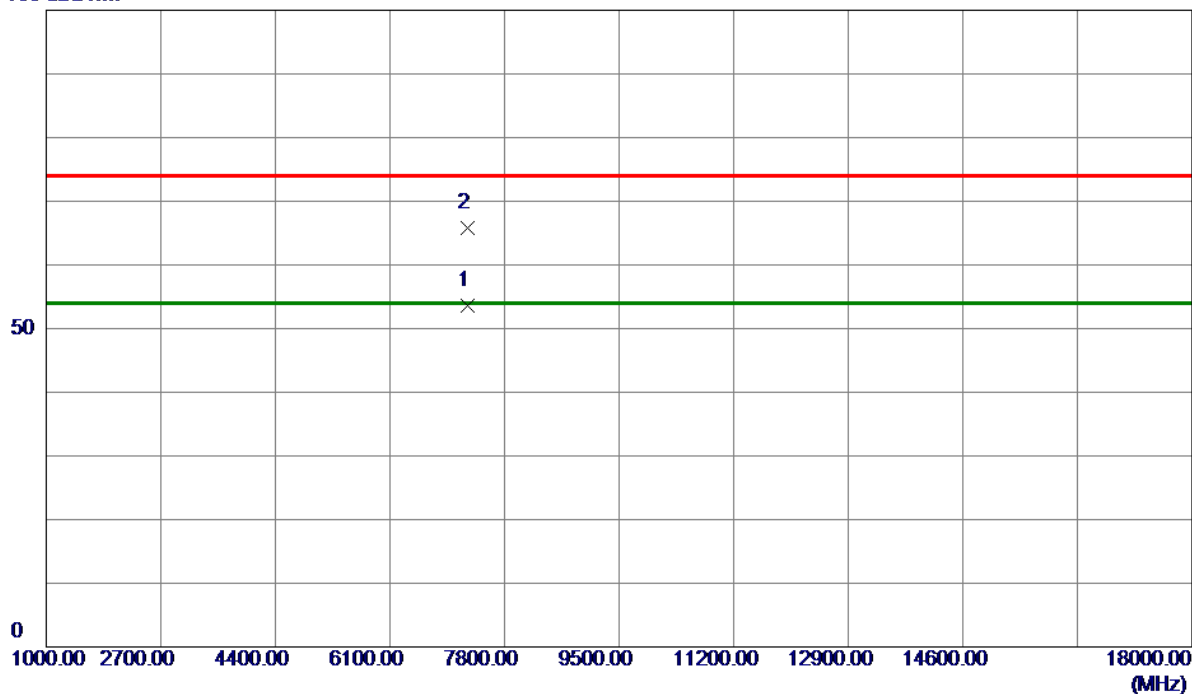
REMARKS:

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

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

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



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7246.4000	44.98	8.53	53.51	54.00	-0.49	AVG	
2	7247.0000	57.28	8.53	65.81	74.00	-8.19	Peak	

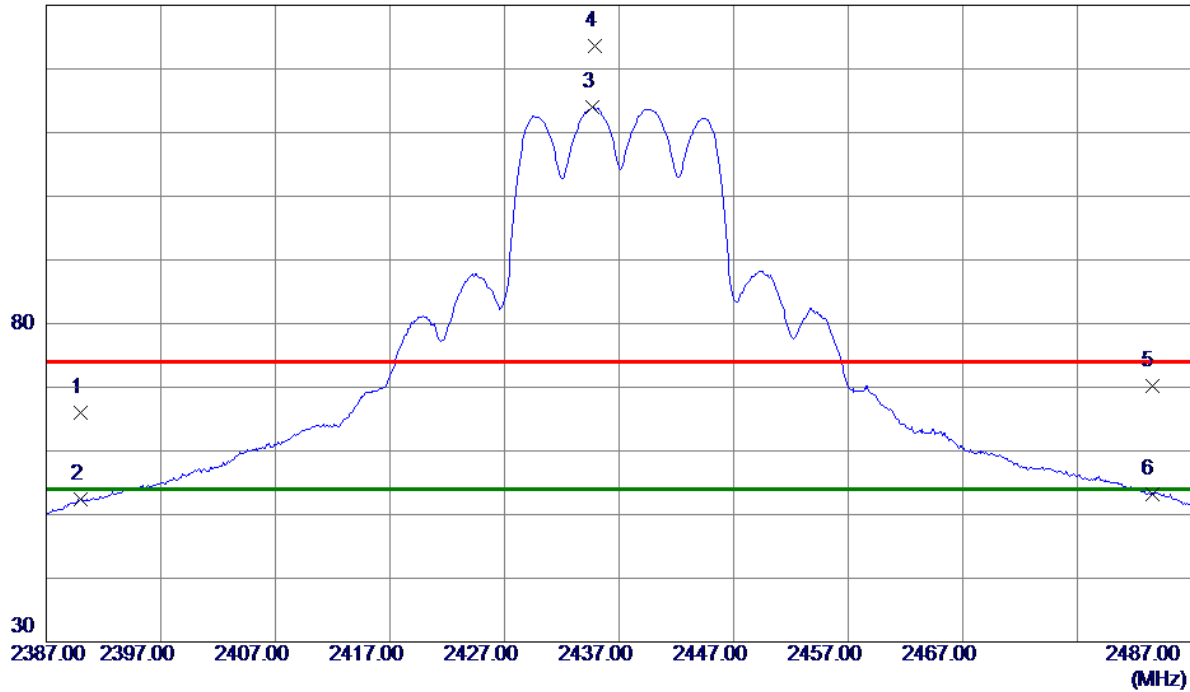
REMARKS:

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

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

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



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	57.54	8.55	66.09	74.00	-7.91	Peak	
2	2390.0000	43.92	8.55	52.47	54.00	-1.53	AVG	
3 *	2434.7000	105.34	8.66	114.00	54.00	60.00	AVG	No Limit
4	2434.9000	114.92	8.66	123.58	74.00	49.58	Peak	No Limit
5	2483.5000	61.41	8.79	70.20	74.00	-3.80	Peak	
6	2483.5000	44.50	8.79	53.29	54.00	-0.71	AVG	

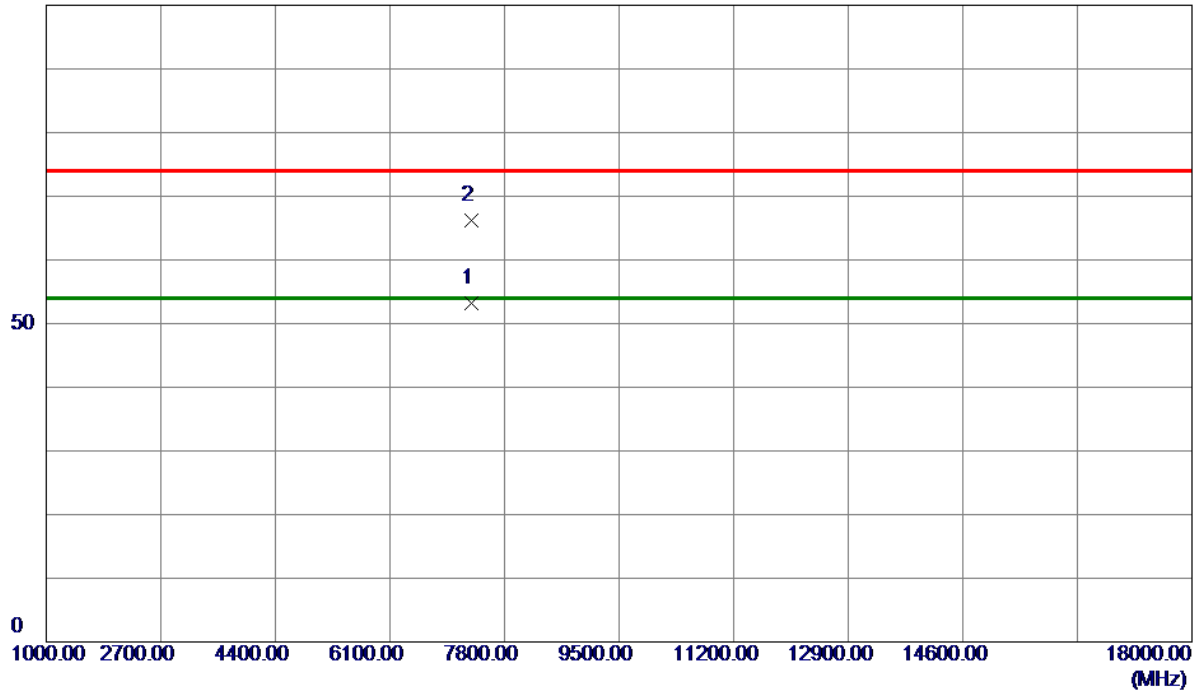
REMARKS:

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

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

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



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7311.5500	44.51	8.61	53.12	54.00	-0.88	AVG	
2	7311.7000	57.66	8.61	66.27	74.00	-7.73	Peak	

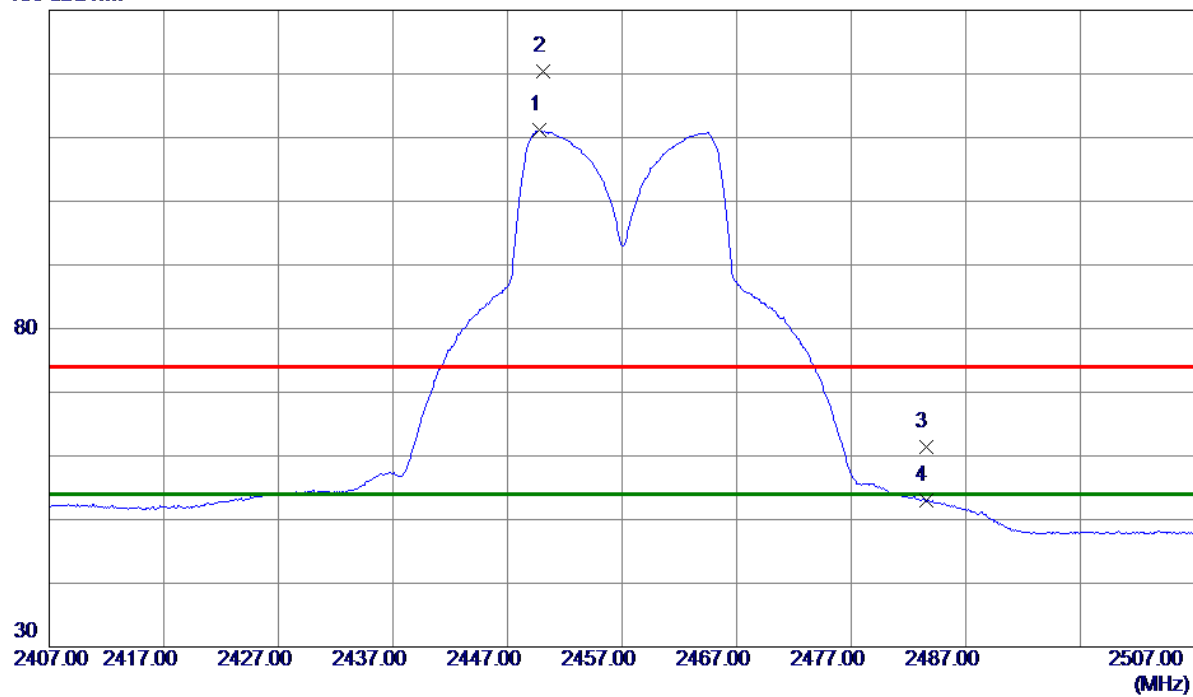
REMARKS:

(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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130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2449.8000	102.47	8.70	111.17	54.00	57.17	AVG	No Limit
2	2450.1000	111.64	8.70	120.34	74.00	46.34	Peak	No Limit
3	2483.5000	52.53	8.79	61.32	74.00	-12.68	Peak	
4	2483.5000	44.23	8.79	53.02	54.00	-0.98	AVG	

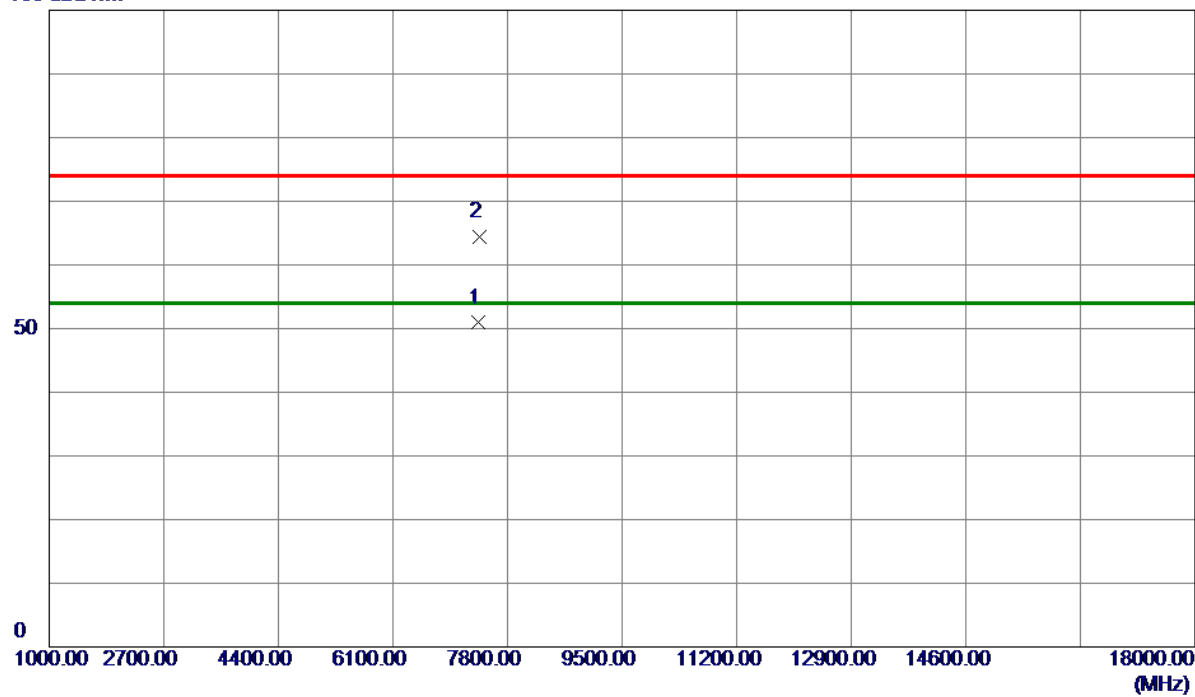
REMARKS:

(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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100 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7372.8500	42.22	8.68	50.90	54.00	-3.10	AVG	
2	7378.6500	55.62	8.69	64.31	74.00	-9.69	Peak	

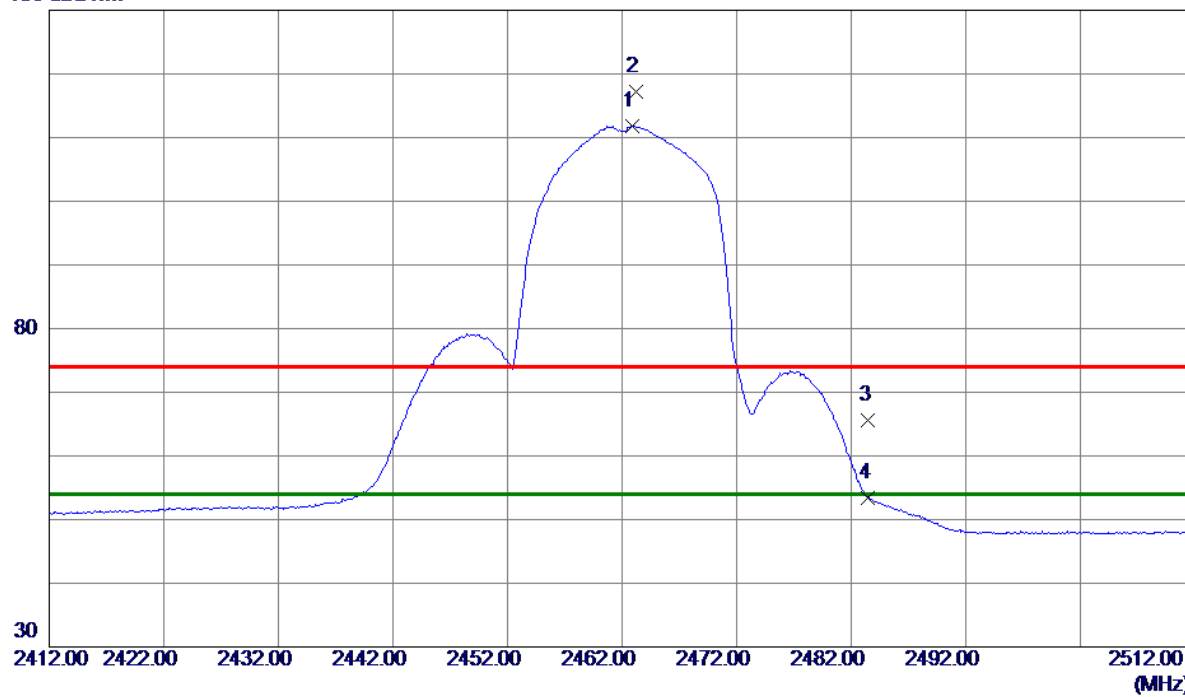
REMARKS:

(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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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 *	2462.9000	103.13	8.74	111.87	54.00	57.87	AVG	No Limit
2	2463.2000	108.43	8.74	117.17	74.00	43.17	Peak	No Limit
3	2483.5000	56.78	8.79	65.57	74.00	-8.43	Peak	
4	2483.5000	44.61	8.79	53.40	54.00	-0.60	AVG	

REMARKS:

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

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

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



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7385.5500	45.17	8.69	53.86	54.00	-0.14	AVG	
2	7395.3500	56.33	8.70	65.03	74.00	-8.97	Peak	

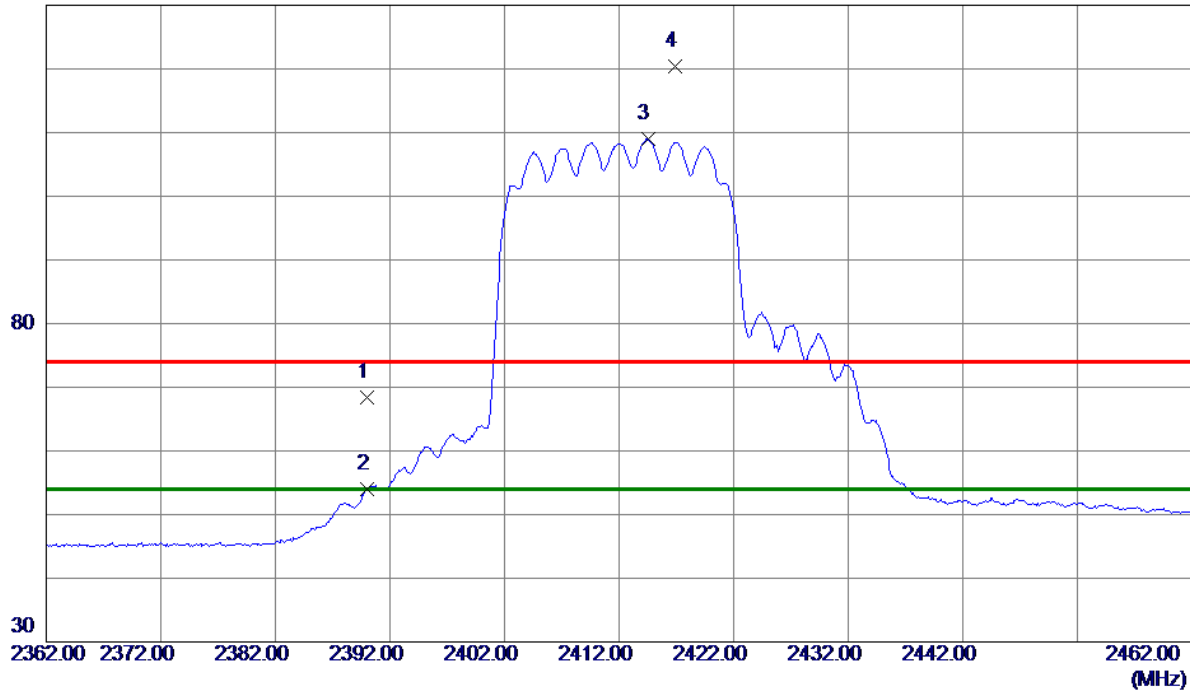
REMARKS:

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

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

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



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	59.94	8.55	68.49	74.00	-5.51	Peak	
2	2390.0000	45.40	8.55	53.95	54.00	-0.05	AVG	
3 *	2414.5000	100.36	8.61	108.97	54.00	54.97	AVG	No Limit
4	2416.9000	111.69	8.62	120.31	74.00	46.31	Peak	No Limit

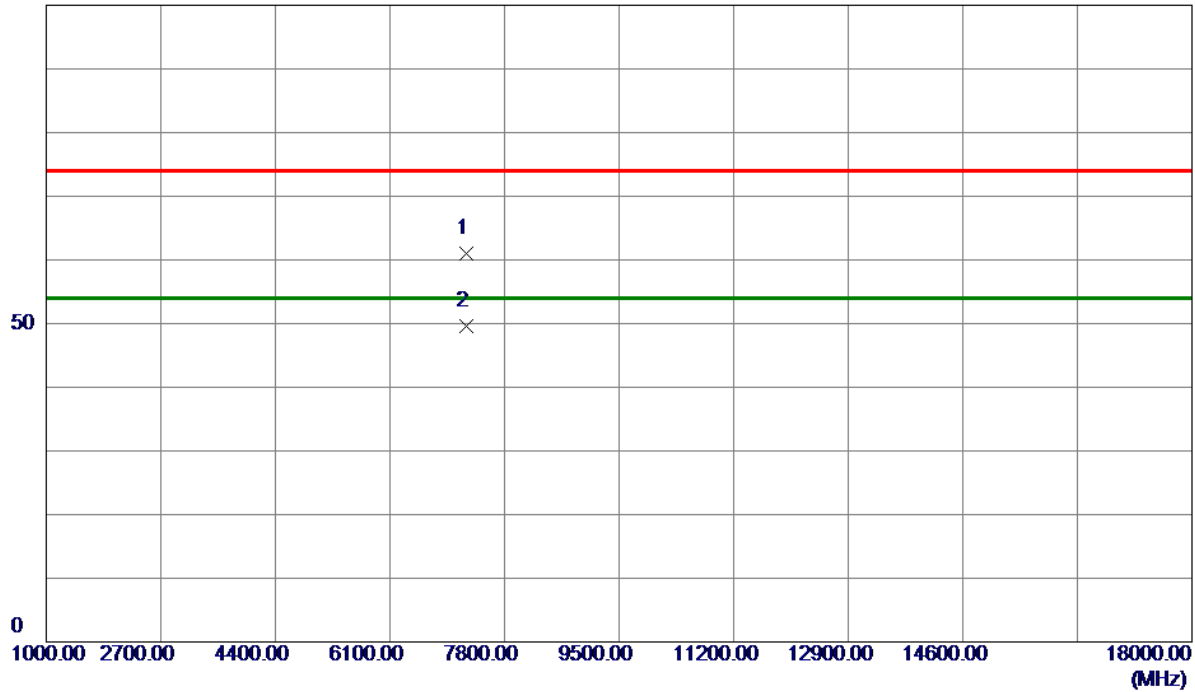
REMARKS:

(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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100 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7236.0000	52.44	8.52	60.96	74.00	-13.04	Peak	
2 *	7236.1000	41.12	8.52	49.64	54.00	-4.36	AVG	

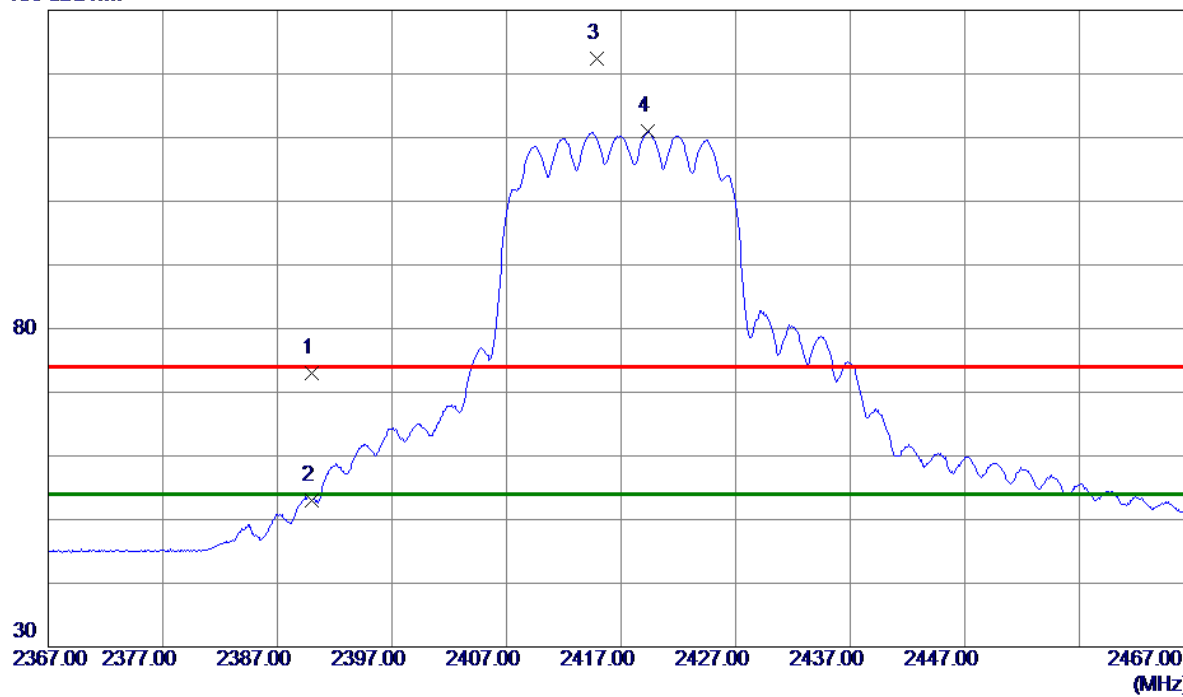
REMARKS:

(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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130 dBuV/m



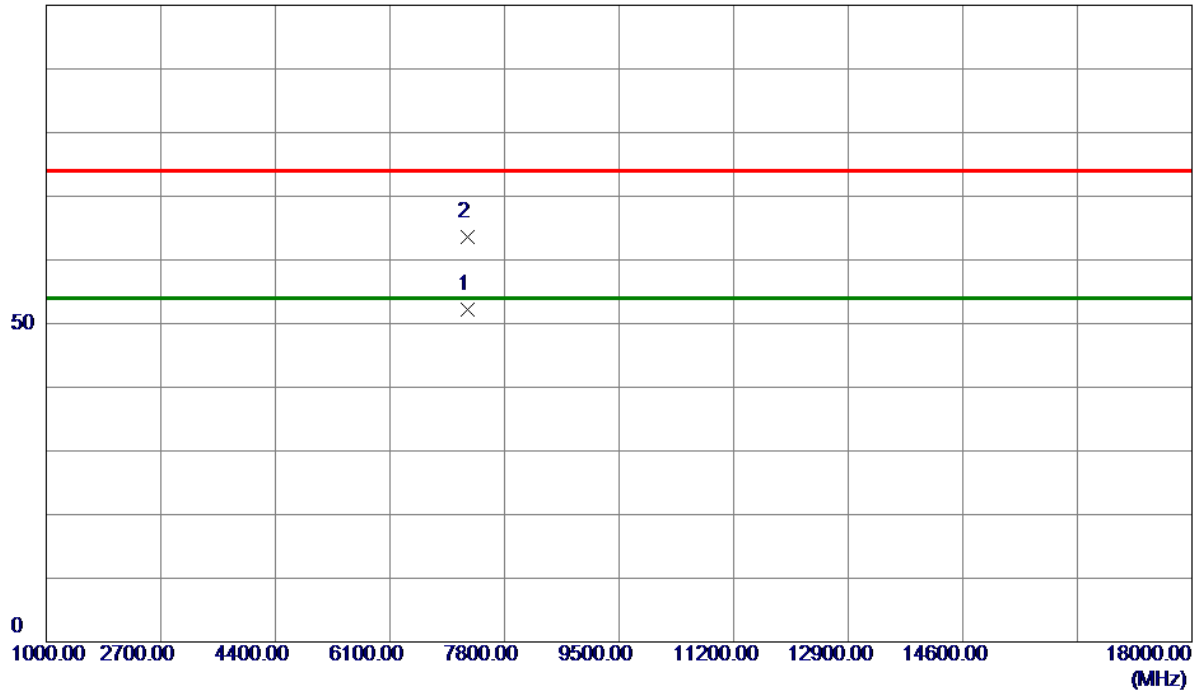
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	64.48	8.55	73.03	74.00	-0.97	Peak	
2	2390.0000	44.46	8.55	53.01	54.00	-0.99	AVG	
3	2414.9000	113.87	8.61	122.48	74.00	48.48	Peak	No Limit
4 *	2419.3000	102.41	8.62	111.03	54.00	57.03	AVG	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	Horizontal
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100 dBuV/m



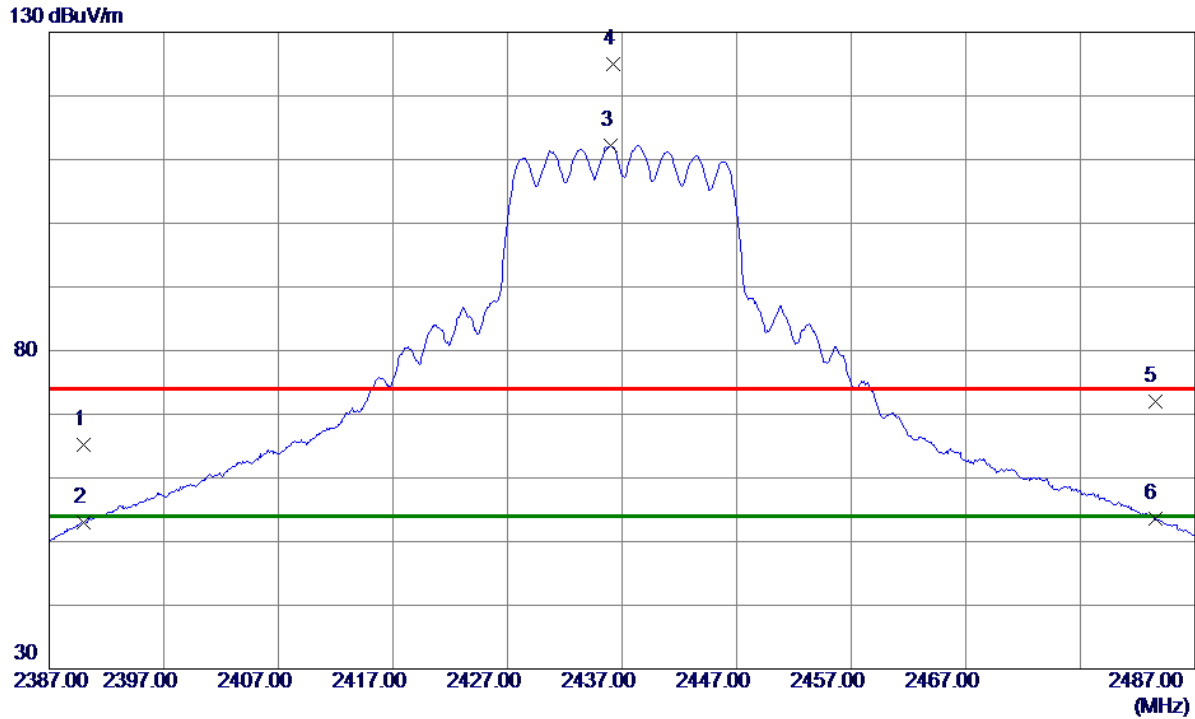
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7253.8500	43.64	8.54	52.18	54.00	-1.82	AVG	
2	7260.7500	55.06	8.55	63.61	74.00	-10.39	Peak	

REMARKS:

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

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

Test Mode	TX AX(HE20) Mode 2437 MHz	Polarization	Vertical
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No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	56.64	8.55	65.19	74.00	-8.81	Peak	
2	2390.0000	44.40	8.55	52.95	54.00	-1.05	AVG	
3 *	2436.0000	103.52	8.67	112.19	54.00	58.19	AVG	No Limit
4	2436.2000	116.32	8.67	124.99	74.00	50.99	Peak	No Limit
5	2483.5000	63.24	8.79	72.03	74.00	-1.97	Peak	
6	2483.5000	44.73	8.79	53.52	54.00	-0.48	AVG	

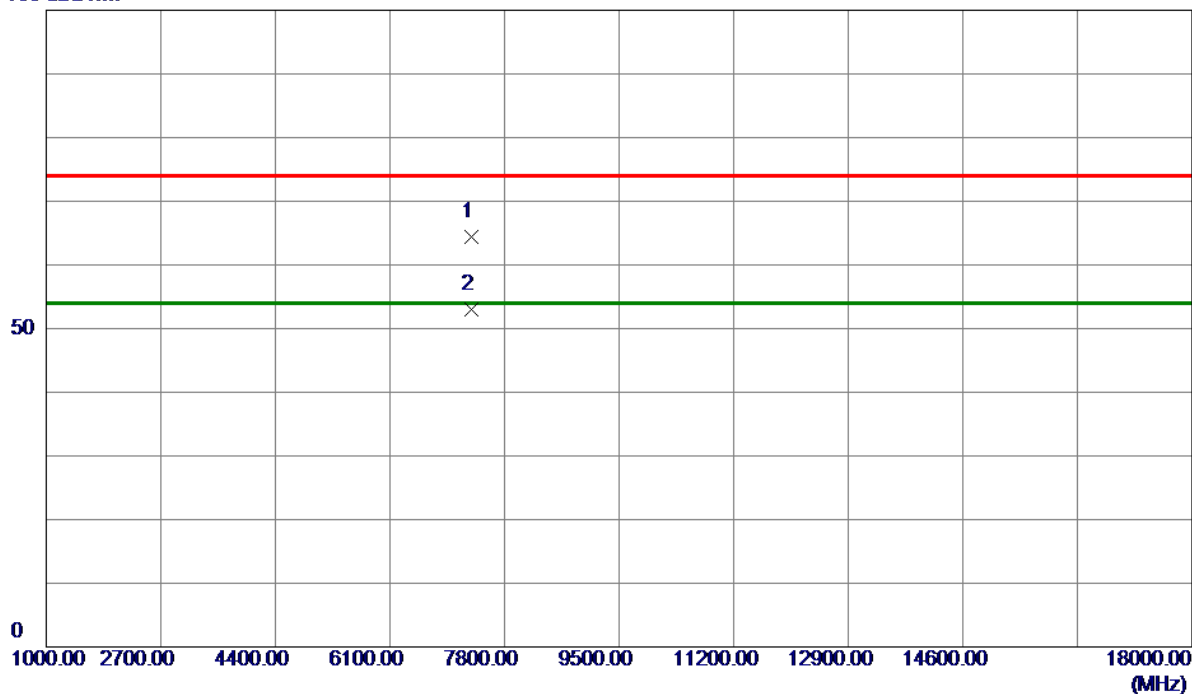
REMARKS:

(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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100 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7309.4000	55.77	8.61	64.38	74.00	-9.62	Peak	
2 *	7314.9000	44.38	8.61	52.99	54.00	-1.01	AVG	

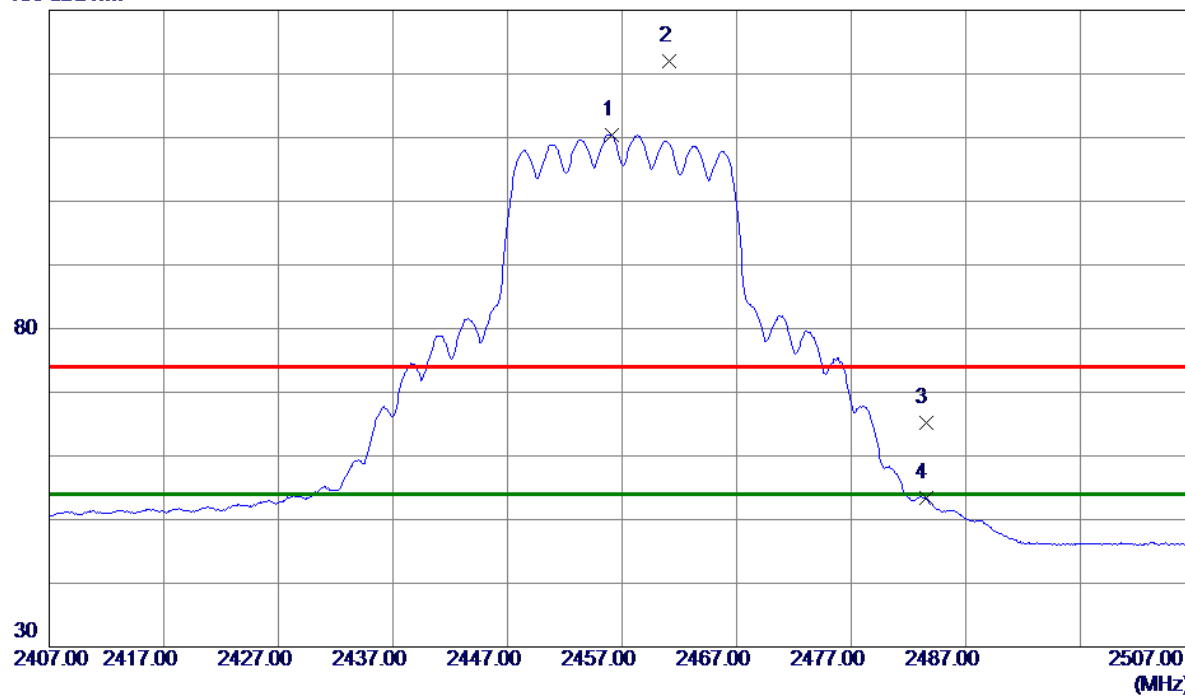
REMARKS:

(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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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 *	2456.1000	101.71	8.72	110.43	54.00	56.43	AVG	No Limit
2	2461.1000	113.31	8.73	122.04	74.00	48.04	Peak	No Limit
3	2483.5000	56.34	8.79	65.13	74.00	-8.87	Peak	
4	2483.5000	44.52	8.79	53.31	54.00	-0.69	AVG	

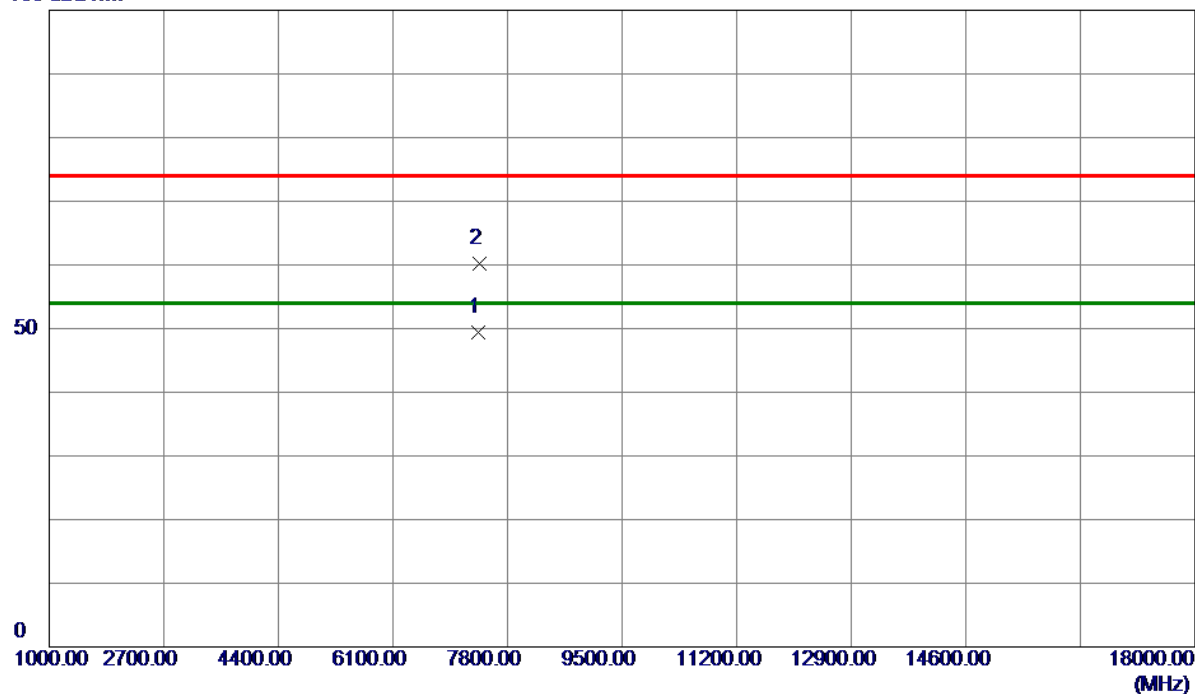
REMARKS:

(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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100 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7374.5000	40.70	8.68	49.38	54.00	-4.62	AVG	
2	7382.0000	51.46	8.69	60.15	74.00	-13.85	Peak	

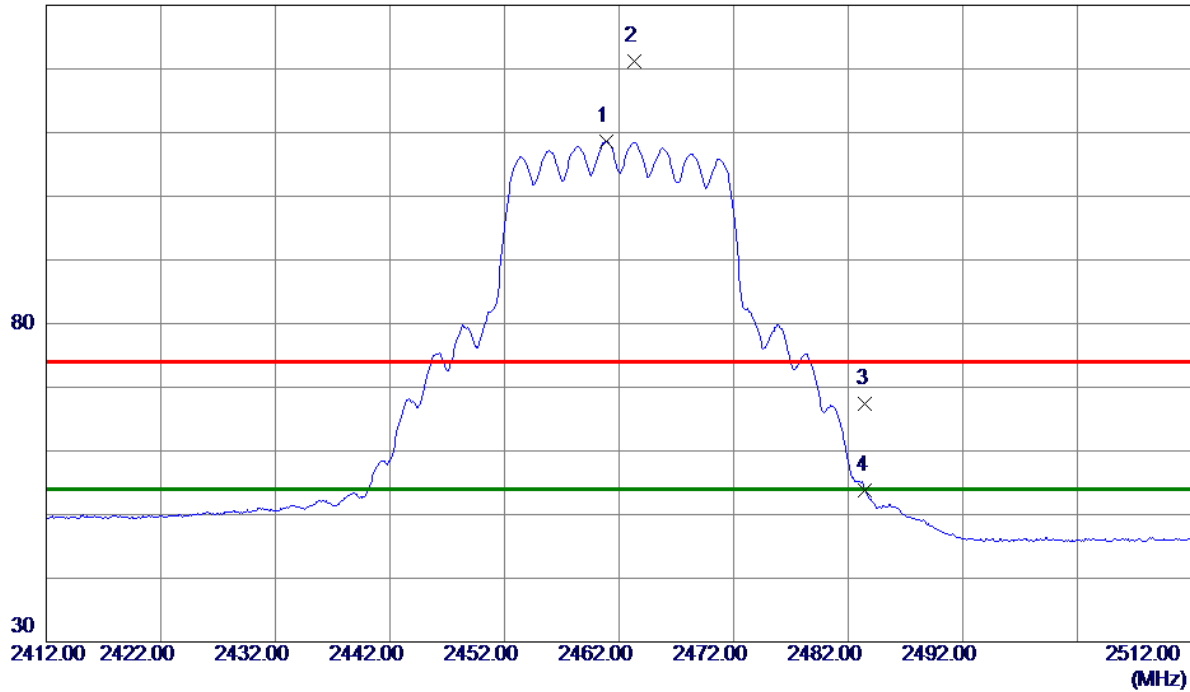
REMARKS:

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

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

Test Mode	TX AX(HE20) Mode 2462 MHz	Polarization	Vertical
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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 *	2460.9000	99.88	8.73	108.61	54.00	54.61	AVG	No Limit
2	2463.3000	112.41	8.74	121.15	74.00	47.15	Peak	No Limit
3	2483.5000	58.65	8.79	67.44	74.00	-6.56	Peak	
4	2483.5000	44.99	8.79	53.78	54.00	-0.22	AVG	

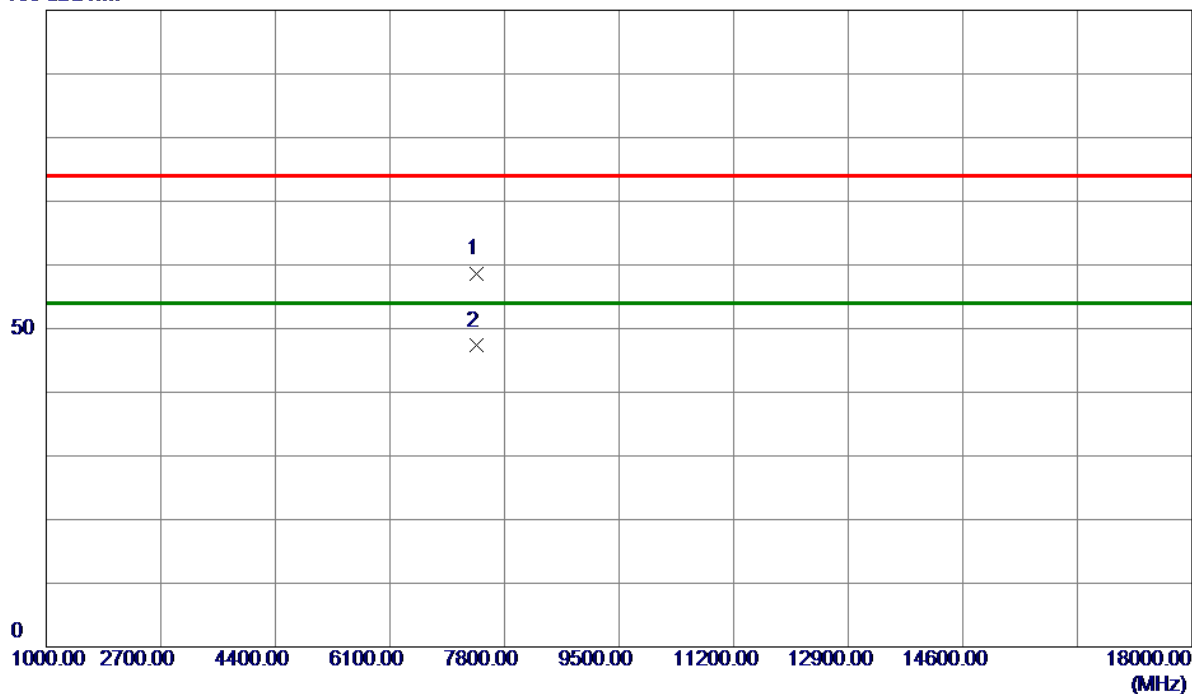
REMARKS:

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

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

Test Mode	TX AX(HE20) Mode 2462 MHz	Polarization	Horizontal
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100 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7383.9000	49.89	8.69	58.58	74.00	-15.42	Peak	
2 *	7389.4000	38.60	8.70	47.30	54.00	-6.70	AVG	

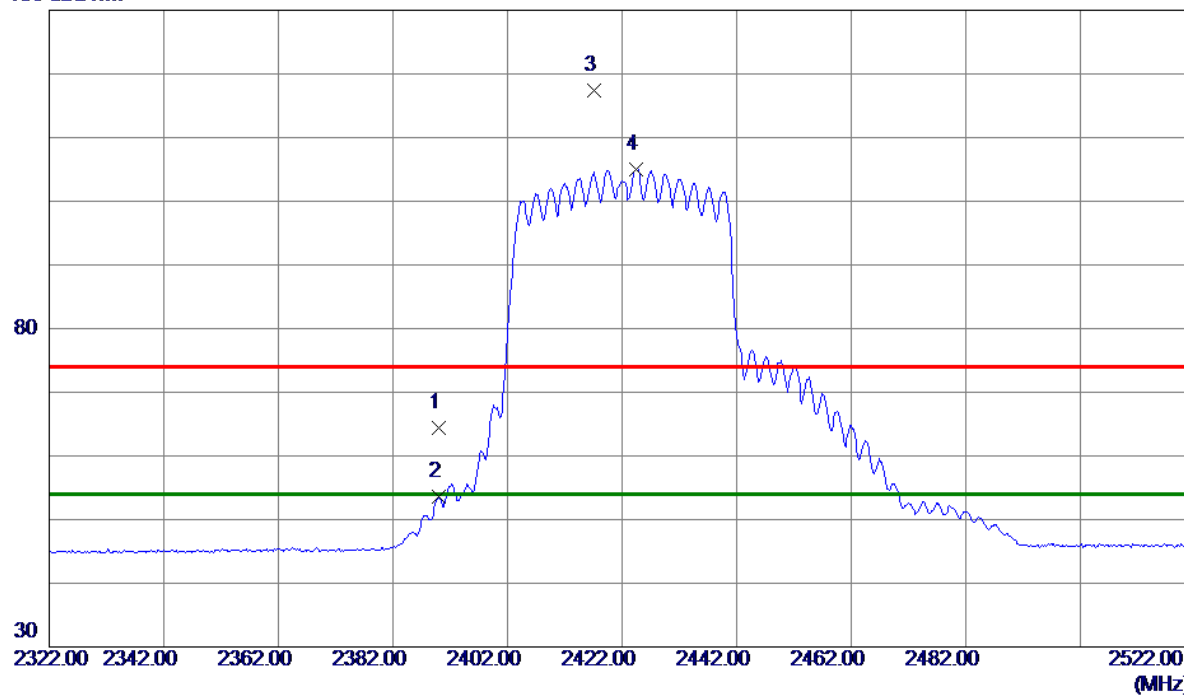
REMARKS:

(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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130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	55.92	8.55	64.47	74.00	-9.53	Peak	
2	2390.0000	44.97	8.55	53.52	54.00	-0.48	AVG	
3	2417.2000	108.78	8.62	117.40	74.00	43.40	Peak	No Limit
4 *	2424.4000	96.34	8.64	104.98	54.00	50.98	AVG	No Limit

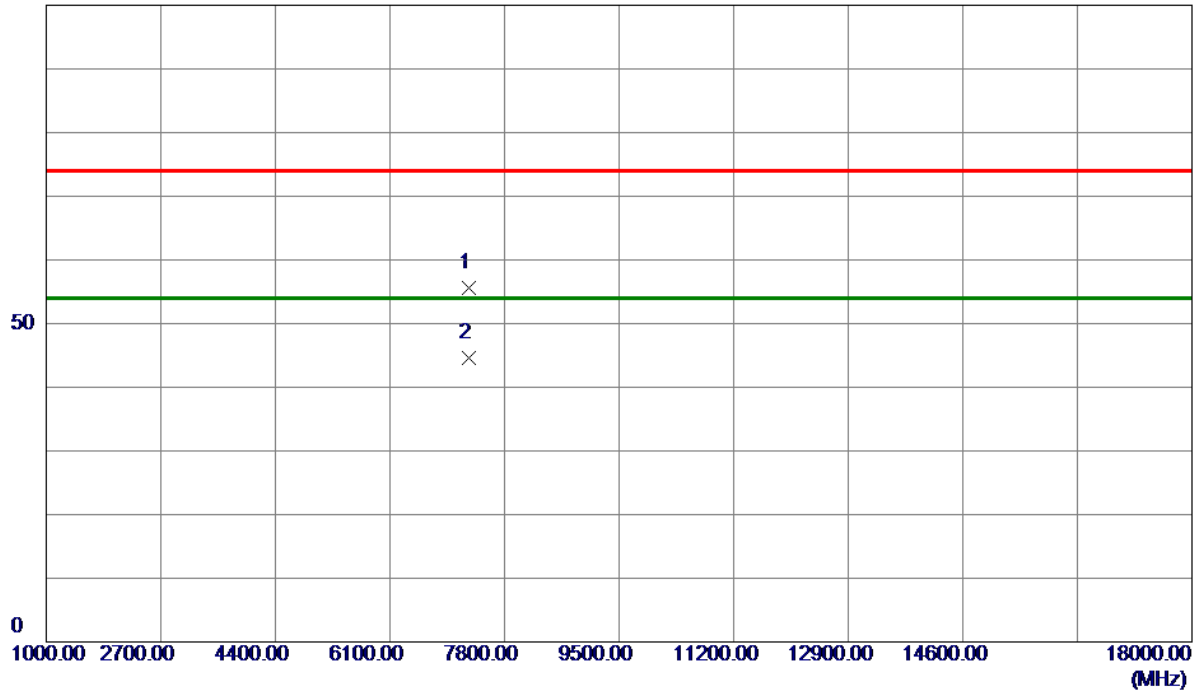
REMARKS:

(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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100 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7262.0000	47.08	8.55	55.63	74.00	-18.37	Peak	
2 *	7263.0000	36.12	8.55	44.67	54.00	-9.33	AVG	

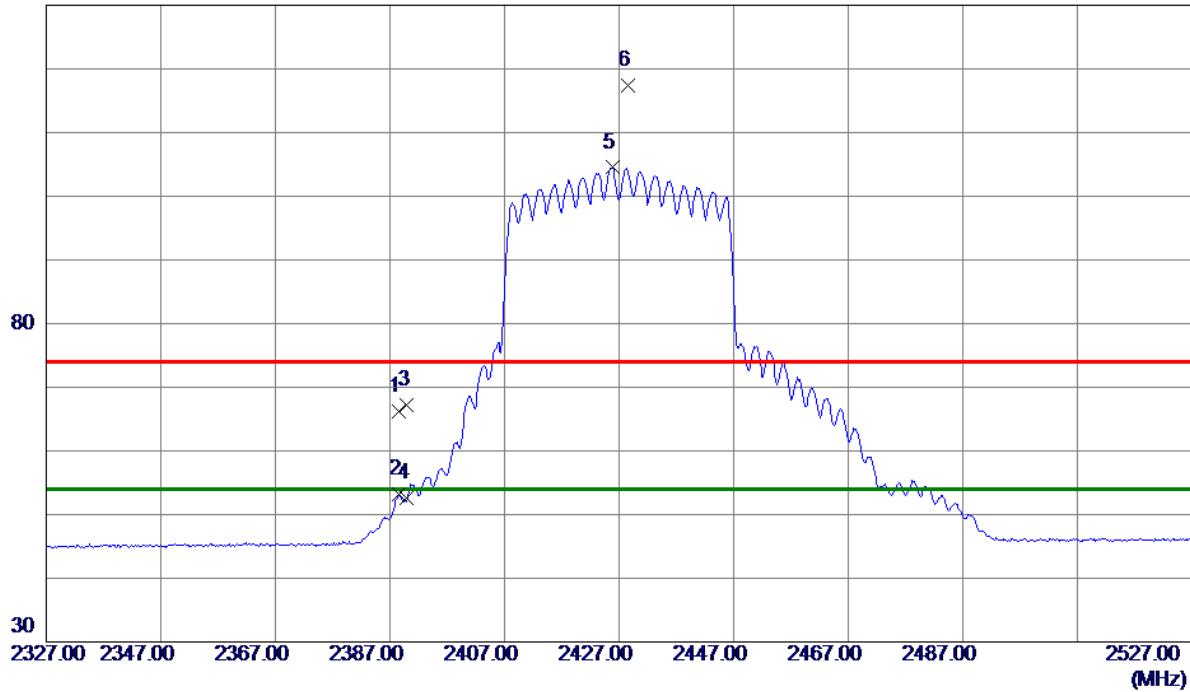
REMARKS:

(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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130 dBuV/m



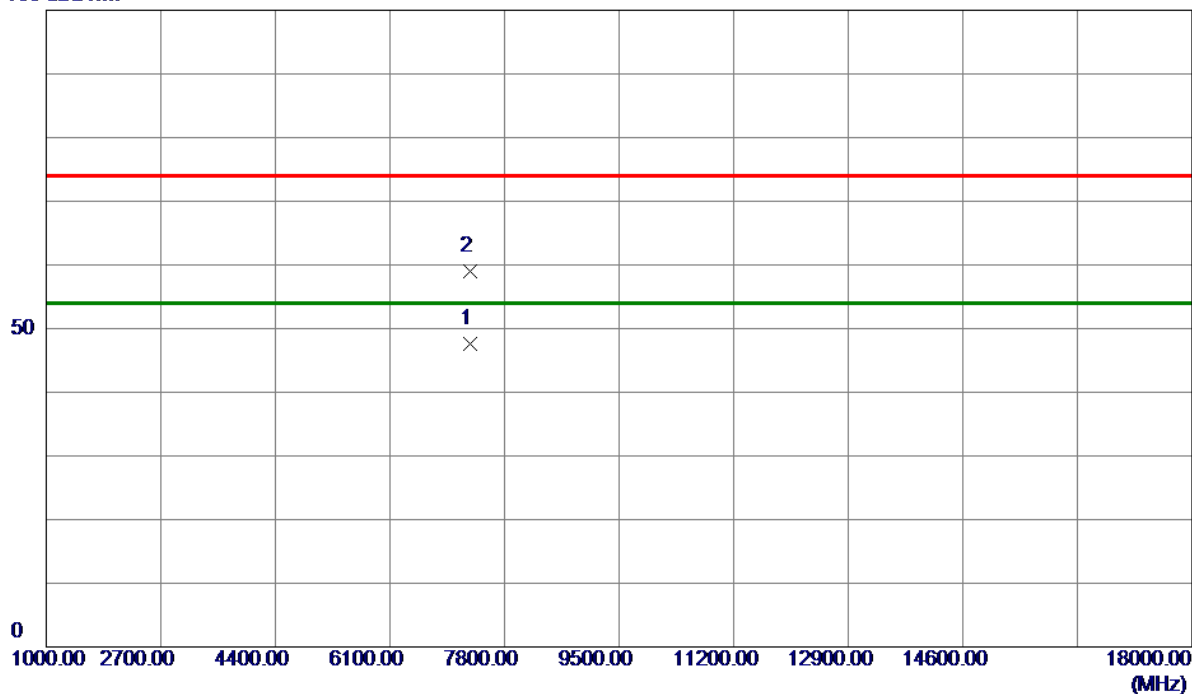
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2388.6000	57.62	8.54	66.16	74.00	-7.84	Peak	
2	2388.6000	44.62	8.54	53.16	54.00	-0.84	AVG	
3	2390.0000	58.67	8.55	67.22	74.00	-6.78	Peak	
4	2390.0000	44.02	8.55	52.57	54.00	-1.43	AVG	
5 *	2425.8000	95.86	8.64	104.50	54.00	50.50	AVG	No Limit
6	2428.6000	108.67	8.65	117.32	74.00	43.32	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	Horizontal
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100 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7282.6000	39.00	8.57	47.57	54.00	-6.43	AVG	
2	7285.4000	50.35	8.58	58.93	74.00	-15.07	Peak	

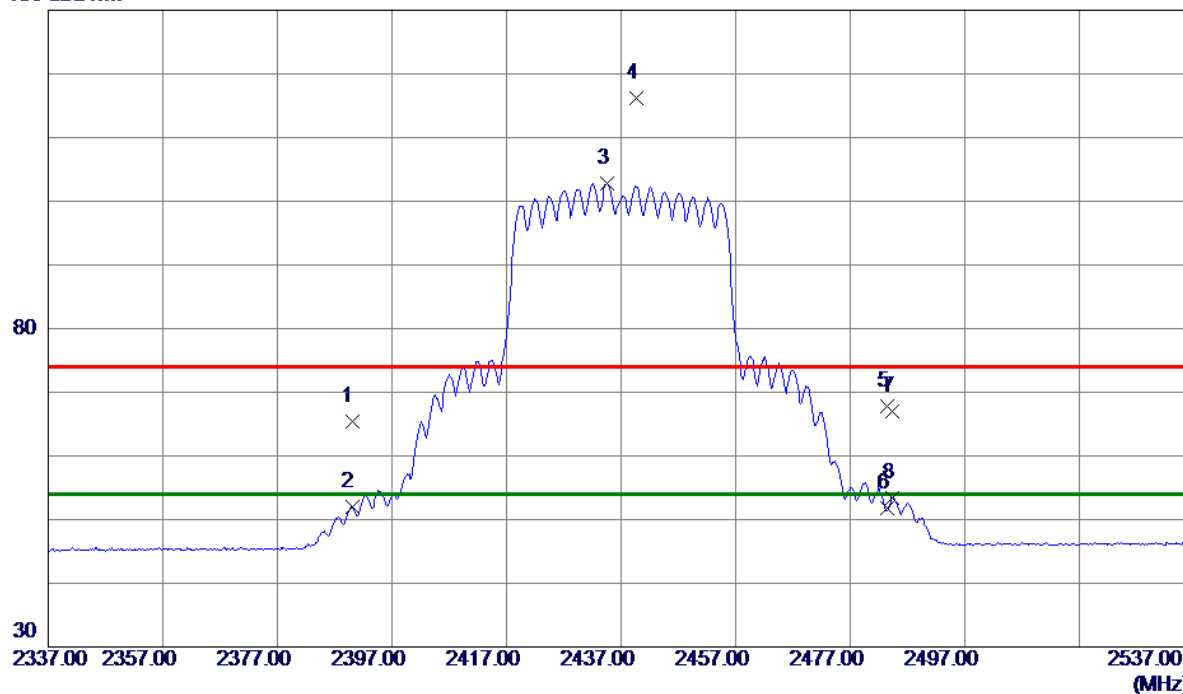
REMARKS:

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

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

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



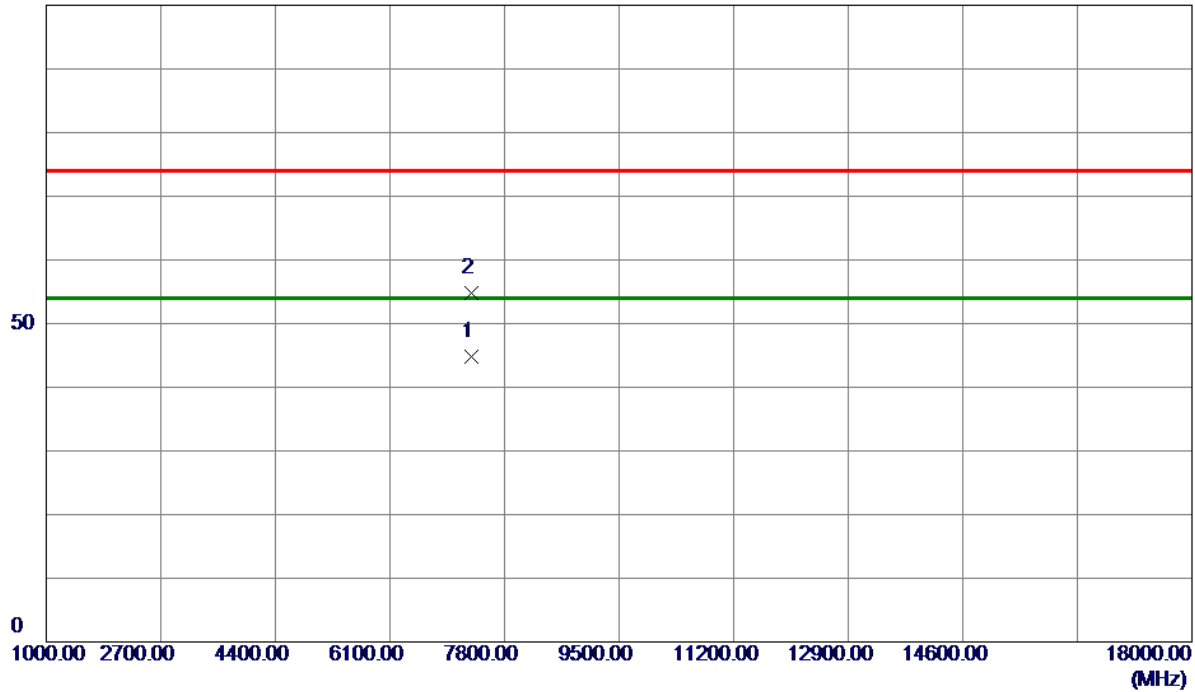
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	56.87	8.55	65.42	74.00	-8.58	Peak	
2	2390.0000	43.45	8.55	52.00	54.00	-2.00	AVG	
3 *	2434.6000	94.11	8.66	102.77	54.00	48.77	AVG	No Limit
4	2439.6000	107.56	8.68	116.24	74.00	42.24	Peak	No Limit
5	2483.5000	59.08	8.79	67.87	74.00	-6.13	Peak	
6	2483.5000	43.06	8.79	51.85	54.00	-2.15	AVG	
7	2484.4000	58.16	8.79	66.95	74.00	-7.05	Peak	
8	2484.4000	44.68	8.79	53.47	54.00	-0.53	AVG	

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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100 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7305.2000	36.17	8.60	44.77	54.00	-9.23	AVG	
2	7303.4000	46.19	8.60	54.79	74.00	-19.21	Peak	

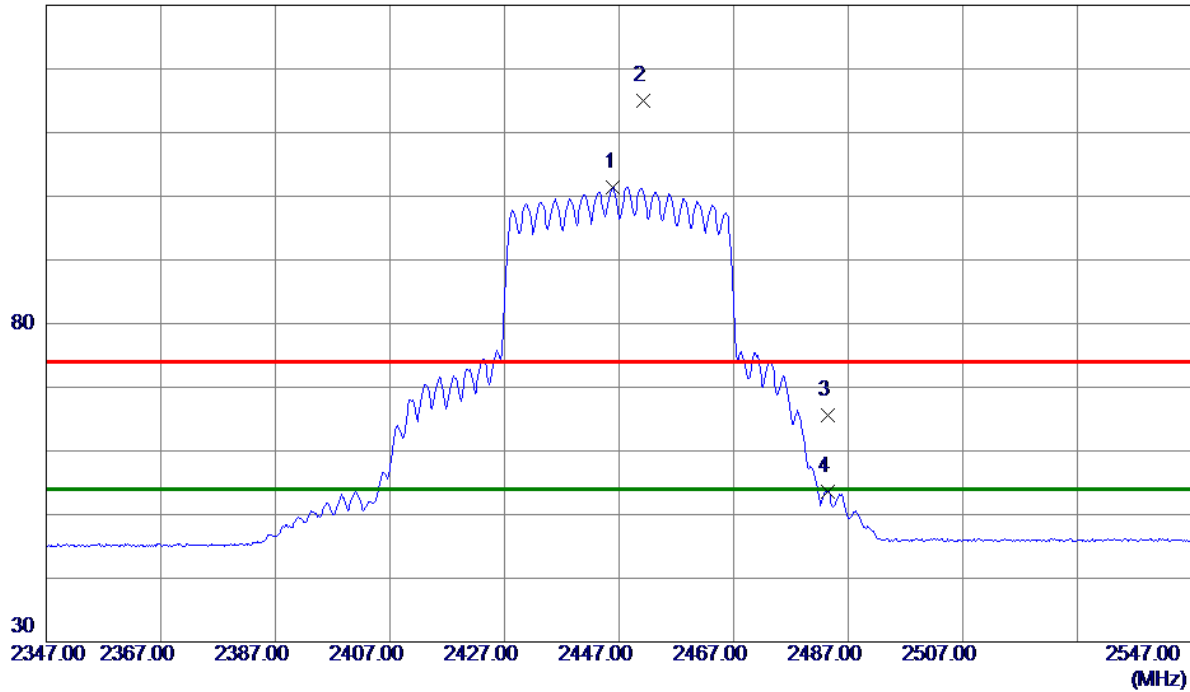
REMARKS:

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

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

Test Mode	TX AX(HE40) Mode 2447 MHz	Polarization	Vertical
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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 *	2446.0000	92.72	8.69	101.41	54.00	47.41	AVG	No Limit
2	2451.2000	106.32	8.71	115.03	74.00	41.03	Peak	No Limit
3	2483.5000	56.74	8.79	65.53	74.00	-8.47	Peak	
4	2483.5000	44.74	8.79	53.53	54.00	-0.47	AVG	

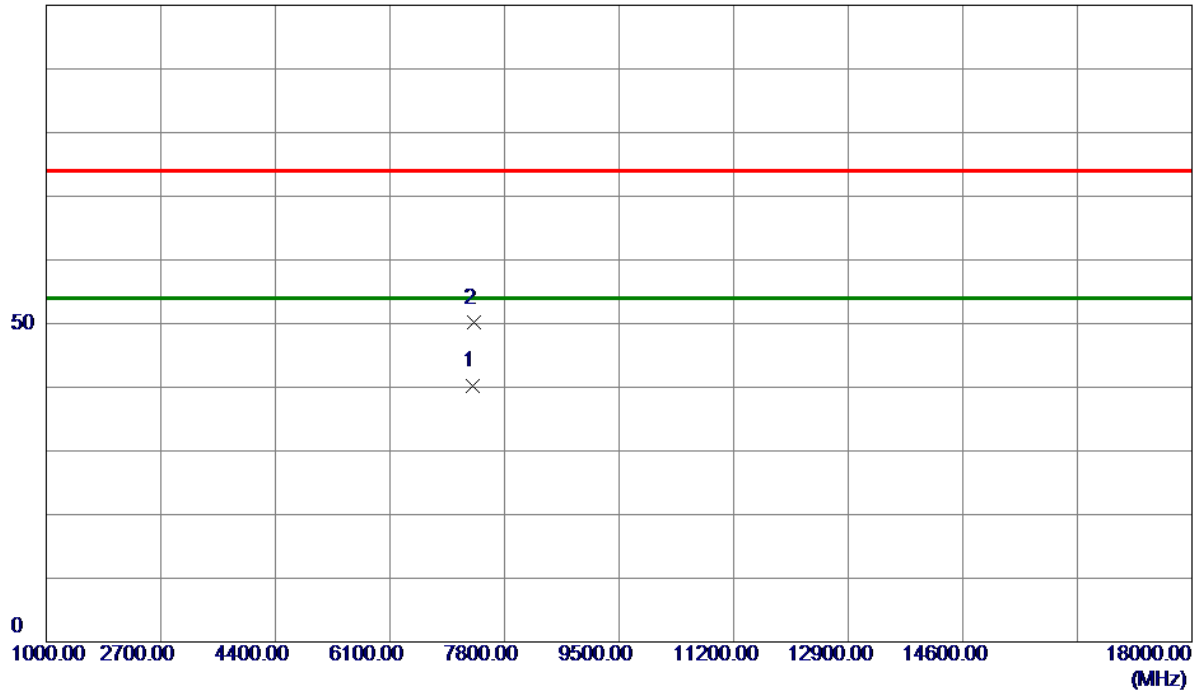
REMARKS:

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

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

Test Mode	TX AX(HE40) Mode 2447 MHz	Polarization	Horizontal
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100 dBuV/m



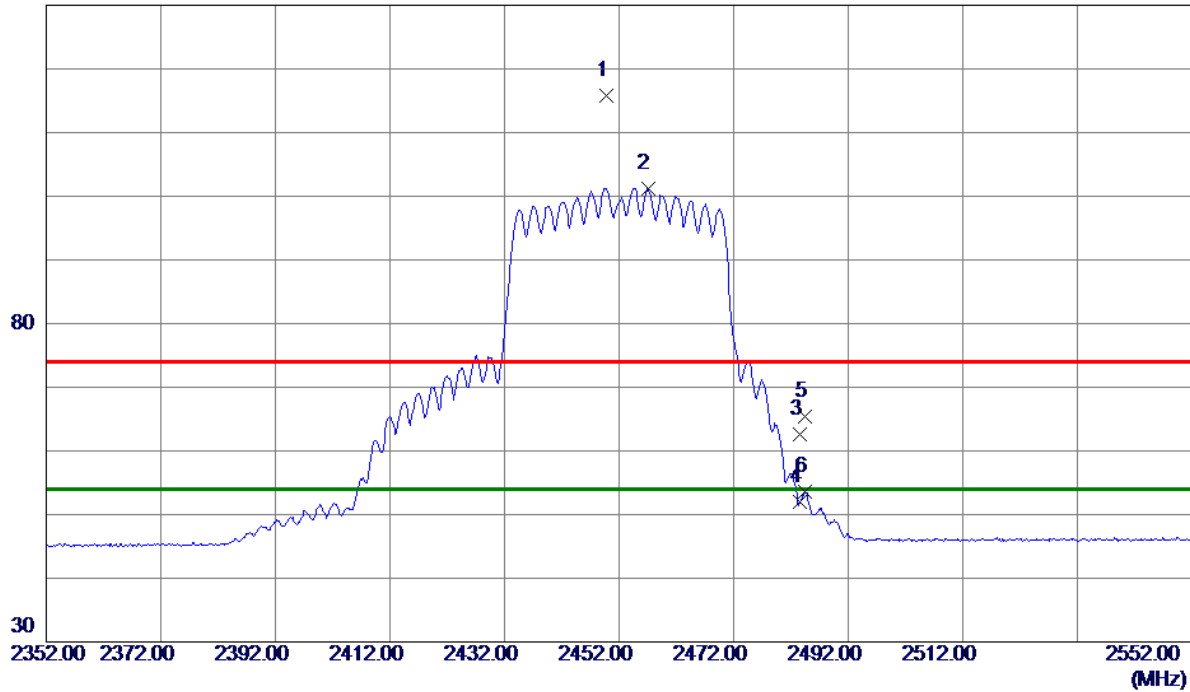
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7332.2000	31.50	8.63	40.13	54.00	-13.87	AVG	
2	7348.4000	41.45	8.65	50.10	74.00	-23.90	Peak	

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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130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2449.8000	107.17	8.70	115.87	74.00	41.87	Peak	No Limit
2 *	2457.0000	92.55	8.72	101.27	54.00	47.27	AVG	No Limit
3	2483.5000	53.80	8.79	62.59	74.00	-11.41	Peak	
4	2483.5000	43.12	8.79	51.91	54.00	-2.09	AVG	
5	2484.4000	56.70	8.79	65.49	74.00	-8.51	Peak	
6	2484.4000	44.74	8.79	53.53	54.00	-0.47	AVG	

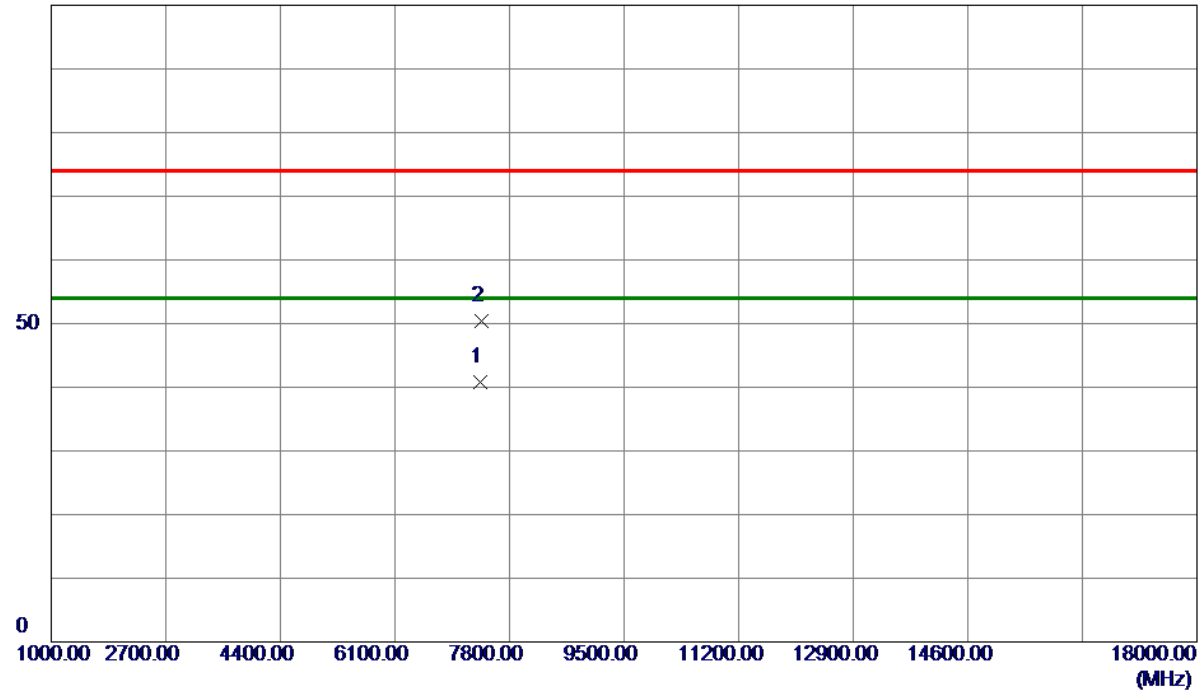
REMARKS:

(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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100 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7369.6000	32.07	8.67	40.74	54.00	-13.26	AVG	
2	7377.8000	41.67	8.68	50.35	74.00	-23.65	Peak	

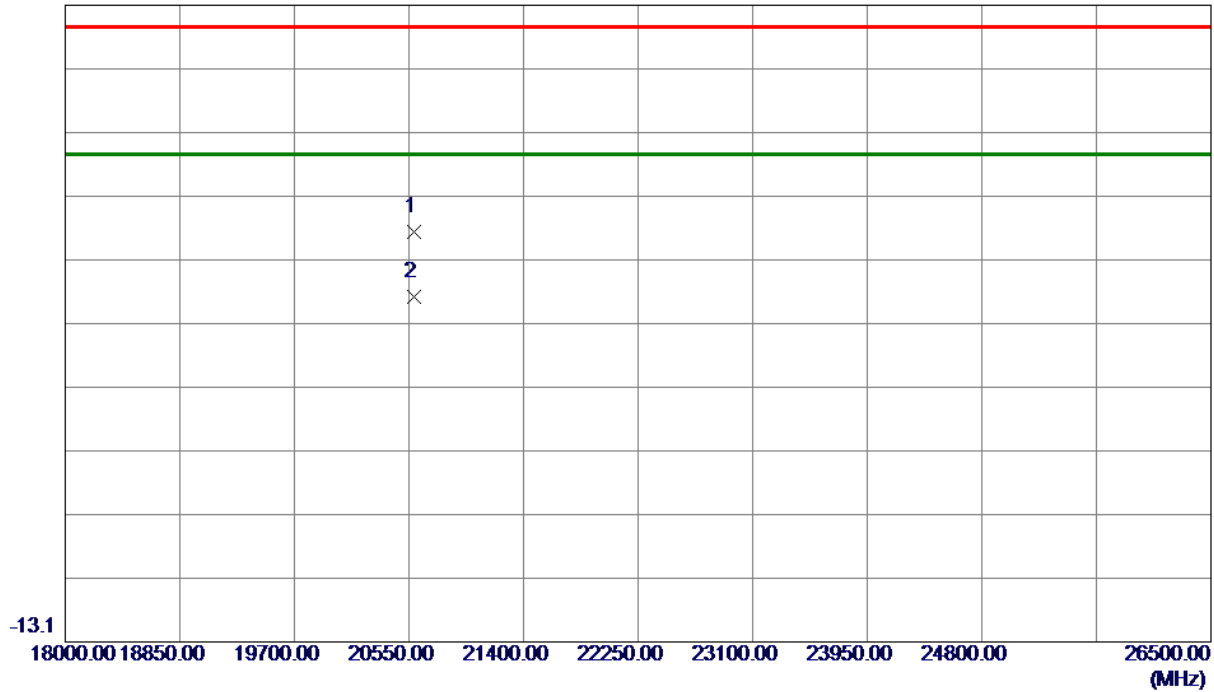
REMARKS:

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

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

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



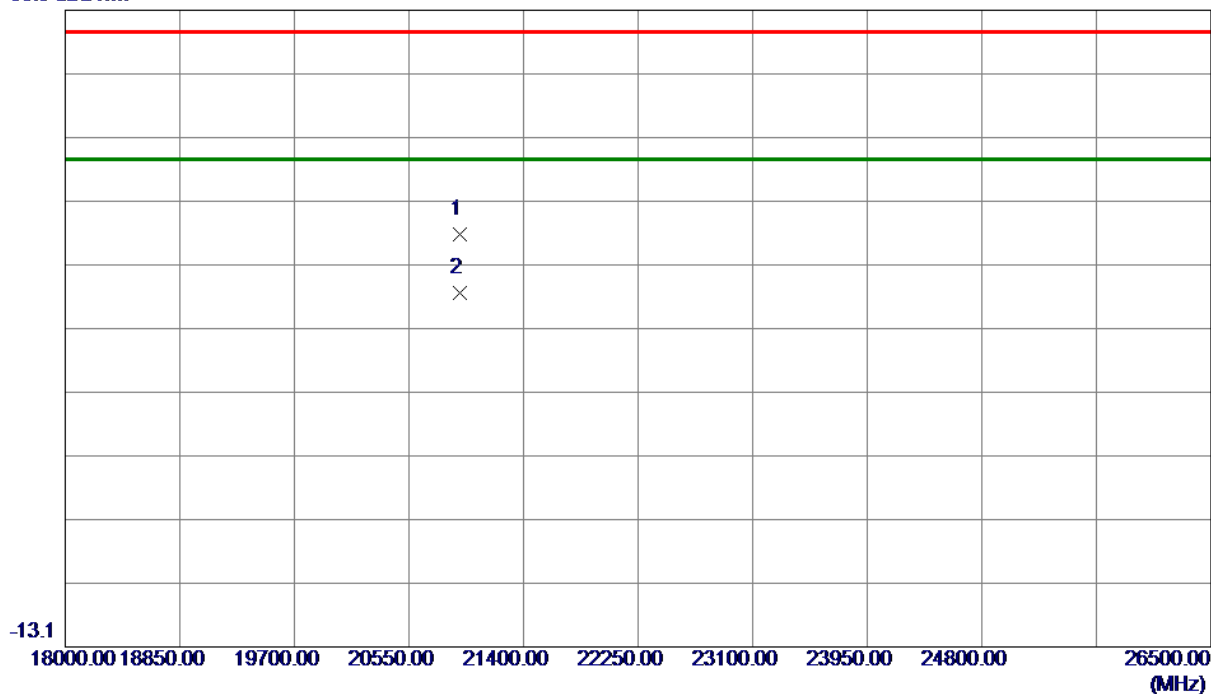
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	20584.0000	47.33	3.93	51.26	83.50	-32.24	Peak	
2 *	20584.0000	37.18	3.93	41.11	63.50	-22.39	AVG	

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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86.9 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	20924.0000	47.47	4.18	51.65	83.50	-31.85	Peak	
2 *	20924.0000	38.36	4.18	42.54	63.50	-20.96	AVG	

REMARKS:

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

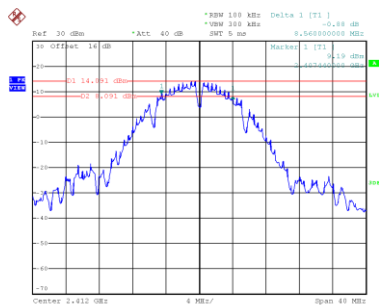
(2) Margin Level = Measurement Value - Limit Value.

APPENDIX E - BANDWIDTH

Test Mode	TX B Mode
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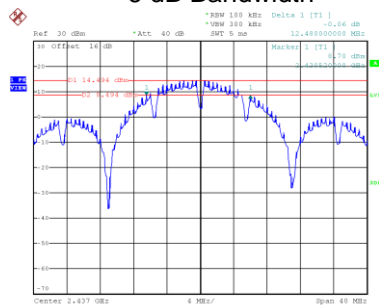
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
01	2412	8.560	14.080	0.5	Pass
06	2437	12.480	42.240	0.5	Pass
11	2462	11.040	42.880	0.5	Pass

CH01



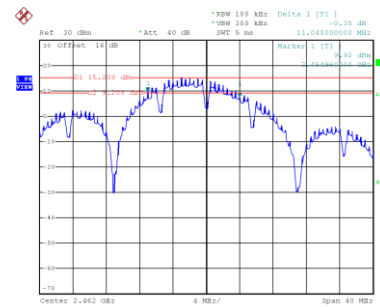
Date: 2.APR.2025 17:34:24

CH06
6 dB Bandwidth



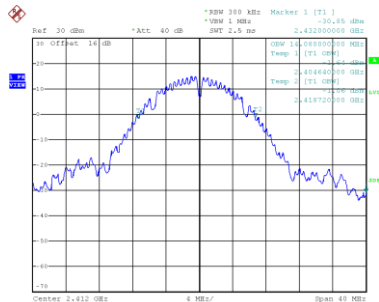
Date: 3.APR.2025 13:36:13

CH11

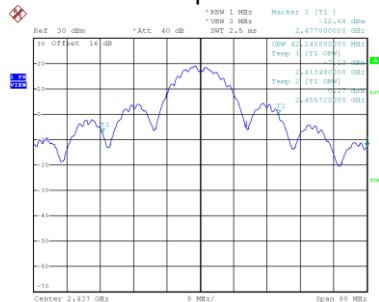


Date: 3.APR.2025 13:43:20

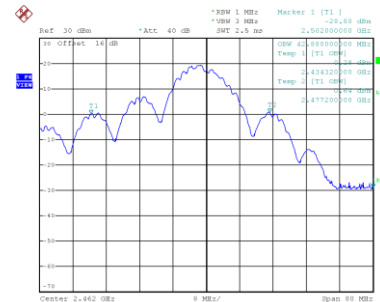
99 % Occupied Bandwidth



Date: 2.APR.2025 17:34:37



Date: 3.APR.2025 13:36:24

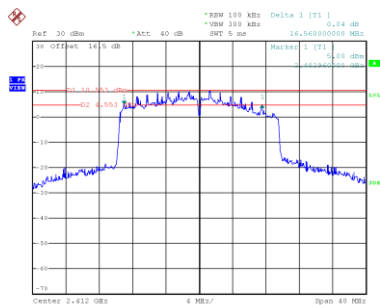


Date: 3.APR.2025 13:43:30

Test Mode	TX AX(HE20) Mode
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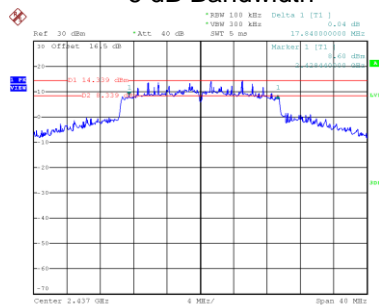
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
01	2412	16.560	18.800	0.5	Pass
06	2437	17.840	41.760	0.5	Pass
11	2462	18.640	47.200	0.5	Pass

CH01



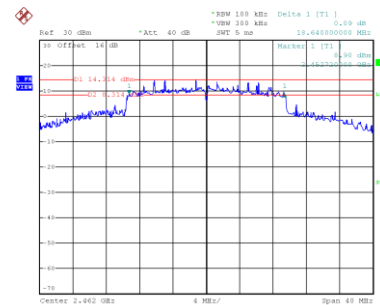
Date: 9.APR.2025 10:39:27

CH06
6 dB Bandwidth



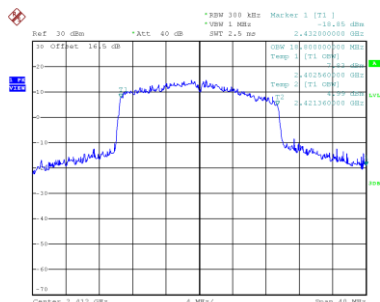
Date: 9.APR.2025 10:48:37

CH11

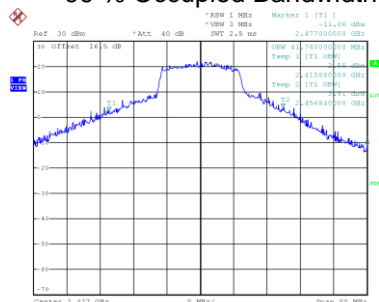


Date: 9.APR.2025 08:21:47

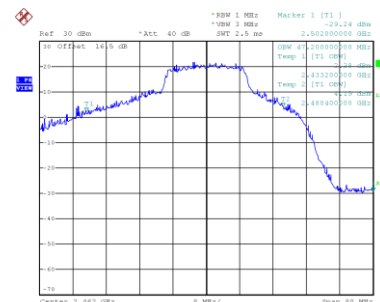
99 % Occupied Bandwidth



Date: 9.APR.2025 10:39:37



Date: 9.APR.2025 10:48:48

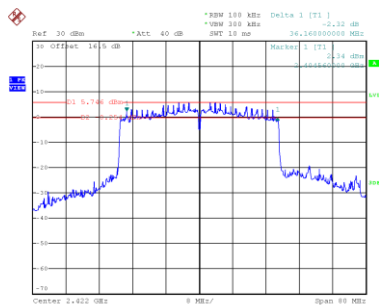


Date: 9.APR.2025 10:53:45

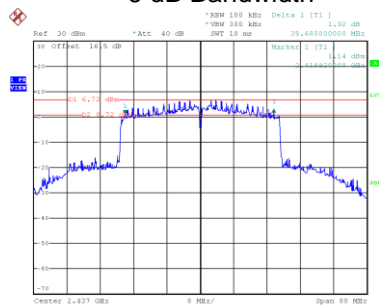
Test Mode	TX AX(HE40) Mode
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Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
03	2422	36.160	38.240	0.5	Pass
06	2437	35.680	38.720	0.5	Pass
09	2452	35.520	48.160	0.5	Pass

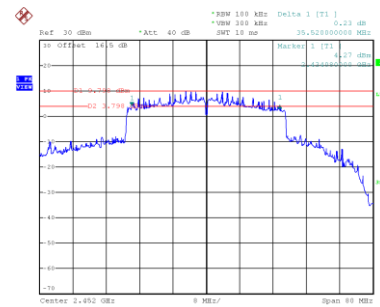
CH03



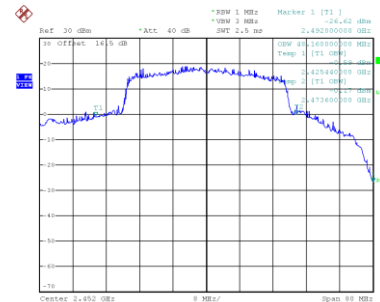
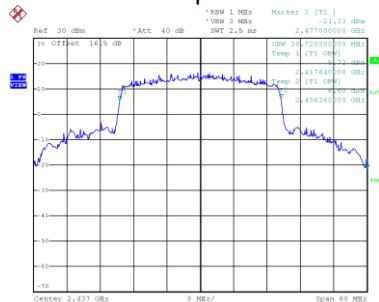
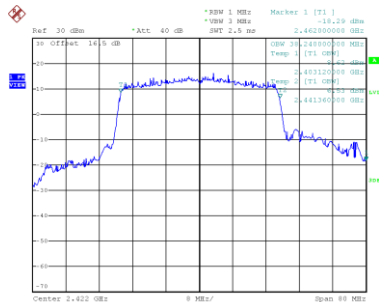
CH06
6 dB Bandwidth



CH09



99 % Occupied Bandwidth



APPENDIX F - MAXIMUM OUTPUT POWER

Test Mode	TX B Mode_Ant 1
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Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dB)	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	16.73	0.00	16.73	29.16	0.8241	Pass
06	2437	17.31	0.00	17.31	29.16	0.8241	Pass
11	2462	17.37	0.00	17.37	29.16	0.8241	Pass

Test Mode	TX B Mode_Ant 2
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Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dB)	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	16.51	0.00	16.51	29.16	0.8241	Pass
06	2437	17.29	0.00	17.29	29.16	0.8241	Pass
11	2462	17.76	0.00	17.76	29.16	0.8241	Pass

Test Mode	TX B Mode_Total
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Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	19.63	29.16	0.8241	Pass
06	2437	20.31	29.16	0.8241	Pass
11	2462	20.58	29.16	0.8241	Pass