



FCC Radio Test Report

FCC ID: RWO-RZ010563

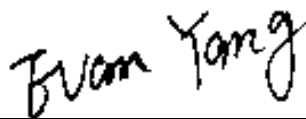
This report concerns: Original Grant

Project No. : 2510C066
Equipment : Gaming Mouse
Brand Name : 
Model Name : RAZER,
Applicant : RZ01-0563, RZ01-0563XXXX-XXXX (X can be 0-9 or A-Z)
Address : Razer Inc.
Manufacturer : 9 Pasteur, Irvine, CA 92618, USA
Address : RAZER (ASIA-PACIFIC) PTE. LTD.
Factory : Razer SEA HQ, 1 One-north Crescent, #02-01, Singapore 138538
Address : RAZER TECHNOLOGY AND DEVELOPMENT (SHENZHEN) CO., LTD
Date of Receipt : East Wing, 3rd Floor, Block 2, Phase 1 of Vision Shenzhen Business
Date of Test : Park Keji South Road, Hi-Tech Industrial Park, Shenzhen 518057,
Issued Date : China
Test Sample : Oct. 28, 2025
Standard(s) : Oct. 29, 2025 ~ Jan. 11, 2026
Test Sample : Jan. 26, 2026
Standard(s) : Sample No.: DG92025102955 & DG920251219163 for AC power line
conducted emissions and radiated emisisions, DG920251028152 &
DG920251219162 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)

Prepared by

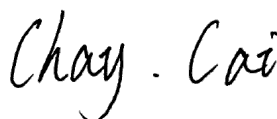
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Declaration

BTL represents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with standards traceable to international standard(s) and/or national standard(s).

BTL's reports apply only to the specific samples tested under conditions. It is manufacture's responsibility to ensure that additional production units of this model are manufactured with the identical electrical and mechanical components. BTL assumes no responsibility for the data provided by the customer, any statements, inferences or generalizations drawn by the customer or others from the reports issued by BTL.

The report must not be used by the client to claim product certification, approval, or endorsement by A2LA or any agency of the U.S. Government.

This report is the confidential property of the client. As a mutual protection to the clients, the public and ourselves, the test report shall not be reproduced, except in full, without our written approval.

BTL's laboratory quality assurance procedures are in compliance with the ISO/IEC 17025: 2017 requirements, and accredited by the conformity assessment authorities listed in this test report.

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.

Table of Contents	Page
REVISION HISTORY	6
1 . APPLICABLE STANDARDS	7
2 . SUMMARY OF TEST RESULTS	7
2.1 TEST FACILITY	8
2.2 MEASUREMENT UNCERTAINTY	8
2.3 TEST ENVIRONMENT CONDITIONS	9
3 . GENERAL INFORMATION	10
3.1 GENERAL DESCRIPTION OF EUT	10
3.2 DESCRIPTION OF TEST MODES	11
3.3 PARAMETERS OF TEST SOFTWARE	12
3.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED	13
3.5 SUPPORT UNITS	13
3.6 CUSTOMER INFORMATION DESCRIPTION	13
4 . AC POWER LINE CONDUCTED EMISSIONS	14
4.1 LIMIT	14
4.2 TEST PROCEDURE	14
4.3 DEVIATION FROM TEST STANDARD	14
4.4 TEST SETUP	15
4.5 EUT OPERATING CONDITIONS	15
4.6 TEST RESULTS	15
5 . RADIATED EMISSIONS	16
5.1 LIMIT	16
5.2 TEST PROCEDURE	17
5.3 DEVIATION FROM TEST STANDARD	18
5.4 TEST SETUP	18
5.5 EUT OPERATING CONDITIONS	20
5.6 TEST RESULT - 9 KHZ TO 30 MHZ	20
5.7 TEST RESULT - 30 MHZ TO 1000 MHZ	20
5.8 TEST RESULT - ABOVE 1000 MHZ	20
6 . BANDWIDTH	21
6.1 LIMIT	21

Table of Contents	Page
6.2 TEST PROCEDURE	21
6.3 DEVIATION FROM STANDARD	21
6.4 TEST SETUP	21
6.5 EUT OPERATION CONDITIONS	21
6.6 TEST RESULTS	21
7 . MAXIMUM OUTPUT POWER	22
7.1 LIMIT	22
7.2 TEST PROCEDURE	22
7.3 DEVIATION FROM STANDARD	22
7.4 TEST SETUP	22
7.5 EUT OPERATION CONDITIONS	22
7.6 TEST RESULTS	22
8 . CONDUCTED SPURIOUS EMISSION	23
8.1 LIMIT	23
8.2 TEST PROCEDURE	23
8.3 DEVIATION FROM STANDARD	24
8.4 TEST SETUP	24
8.5 EUT OPERATION CONDITIONS	24
8.6 TEST RESULTS	24
9 . POWER SPECTRAL DENSITY	25
9.1 LIMIT	25
9.2 TEST PROCEDURE	25
9.3 DEVIATION FROM STANDARD	25
9.4 TEST SETUP	25
9.5 EUT OPERATION CONDITIONS	25
9.6 TEST RESULTS	25
10 . MEASUREMENT INSTRUMENTS LIST	26
APPENDIX A - AC POWER LINE CONDUCTED EMISSIONS	28
APPENDIX B - RADIATED EMISSION - 9 KHZ TO 30 MHZ	31
APPENDIX C - RADIATED EMISSION - 30 MHZ TO 1000 MHZ	36
APPENDIX D - RADIATED EMISSION - ABOVE 1000 MHZ	39
APPENDIX E - BANDWIDTH	54

Table of Contents	Page
APPENDIX F - MAXIMUM OUTPUT POWER	57
APPENDIX G - CONDUCTED SPURIOUS EMISSION	59
APPENDIX H - POWER SPECTRAL DENSITY	62

REVISION HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-1-2510C066	R00	Original Report.	Jan. 19, 2026	Invalid
BTL-FCCP-1-2510C066	R01	This report updated the antenna type. It is a revision of the report with serial number BTL-FCCP-1-2510C066 R00. This is a newly released report, replacing the BTL-FCCP-1-2510C066 R00 report.	Jan. 26, 2026	Valid

1. APPLICABLE STANDARDS

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

ANSI C63.10-2020

The following reference test guidance is not within the scope of accreditation of A2LA:

KDB 558074 D01 15.247 Meas Guidance v05r02

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 Emission	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 to this device.

(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 1-18GHz Items: Room 102 & 702, Building A3, No.9, Jinshagang 1st Road, Dalang, Dongguan, Guangdong People's Republic of China.

For Other Items: No.3, Jinshagang 1st Road, Dalang, Dongguan, Guangdong People's Republic of 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 Measurement:

Test Site	Method	Measurement Frequency Range	U,(dB)
DGDLC02	CISPR	150kHz ~ 30MHz	2.66

B. Radiated emissions Measurement:

Test Site	Method	Measurement Frequency Range	U,(dB)
DGDLCB03	CISPR	9kHz ~ 30MHz	2.26

Test Site	Method	Measurement Frequency Range	Ant. H / V	U,(dB)
DGDLCB03 (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)
DGGDCB01 (3m)	CISPR	1GHz ~ 18GHz	3.98

Test Site	Method	Measurement Frequency Range	U,(dB)
DGDLCB03 (1m)	CISPR	18 ~ 26.5 GHz	4.30

C. Other Measurement:

Test Item	Uncertainty
Bandwidth	0.75 %
Maximum Output Power	1.3 dB
Conducted Spurious Emission	2.1 dB
Conducted Bandedge Emission	1.7 dB
Power Spectral Density	1.8 dB
Temperature	0.7 °C
Humidity	1.7 %

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
AC Power Line Conducted Emissions	23°C	54%	DC 5V	Hayden Chen
Radiated Emissions -9 kHz to 30 MHz	24°C	53%	DC 5V	Hayden Chen
Radiated Emissions -30 MHz to 1000 MHz	25°C	51%	DC 5V	Jensen Zhou
Radiated Emissions -Above 1000 MHz	25°C	38%	DC 5V	Lafu Li
	22°C	40%	DC 5V	Calvin Wen
Bandwidth	25°C	55%	DC 5V	Jayden Li
Maximum Output Power	23°C	53%	DC 5V	Alex Yin
Conducted Spurious Emission	25°C	55%	DC 5V	Jayden Li
Power Spectral Density	25°C	55%	DC 5V	Jayden Li

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	Gaming Mouse
Brand Name	 RAZER,
Test Model	RZ01-0563
Model Name	RZ01-0563, RZ01-0563XXXX-XXXX (X can be 0-9 or A-Z)
Model Difference(s)	Only differ in model name.
Hardware Version	DVT2
Software Version	1.0.9.0
Power Source	1# Supplied from PC USB port. 2# Supplied from battery. Model: 422323
Power Rating	1# 5V==200mA 2# 3.87Vdc, 306mAh, 1.185Wh
Operation Frequency	2404 MHz ~ 2478 MHz
Modulation Type	GFSK
Bit Rate of Transmitter	2Mbps, 4Mbps
Max. Output Power	2Mbps: 3.79 dBm (0.0024 W) 4Mbps: 3.85 dBm (0.0024 W)

Note:

1. 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. The system's model name is RZ01-0563XXXX-XXXX (X: Can be 0-9, A-Z), and the system contains a Gaming Mouse (Model name: RZ01-0563) and Wireless Dongle (Model name: HPD02).

3. Channel List:

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
00	2404	13	2430	26	2456
01	2406	14	2432	27	2458
02	2408	15	2434	28	2460
03	2410	16	2436	29	2462
04	2412	17	2438	30	2464
05	2414	18	2440	31	2466
06	2416	19	2442	32	2468
07	2418	20	2444	33	2470
08	2420	21	2446	34	2472
09	2422	22	2448	35	2474
10	2424	23	2450	36	2476
11	2426	24	2452	37	2478
12	2428	25	2454		

- 4Mbps not supports 2404MHz and 2478MHz.

4. Table for Filed Antenna:

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	RAZER	RZ01-0563	Metal Stamped	N/A	5.90

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 Mode_2Mbps Channel 00/18/37
Mode 2	TX Mode_4Mbps Channel 01/18/36
Mode 3	TX Mode_4Mbps Channel 01

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 3	TX Mode_4Mbps Channel 01

Radiated emissions test - Below 1GHz & Above 18 GHz	
Final Test Mode	Description
Mode 3	TX Mode_4Mbps Channel 01

Radiated emissions test - 1 GHz - 18 GHz	
Final Test Mode	Description
Mode 1	TX Mode_2Mbps Channel 00/18/37
Mode 2	TX Mode_4Mbps Channel 01/18/36

Conducted test	
Final Test Mode	Description
Mode 1	TX Mode_2Mbps Channel 00/18/37
Mode 2	TX Mode_4Mbps Channel 01/18/36

Note:

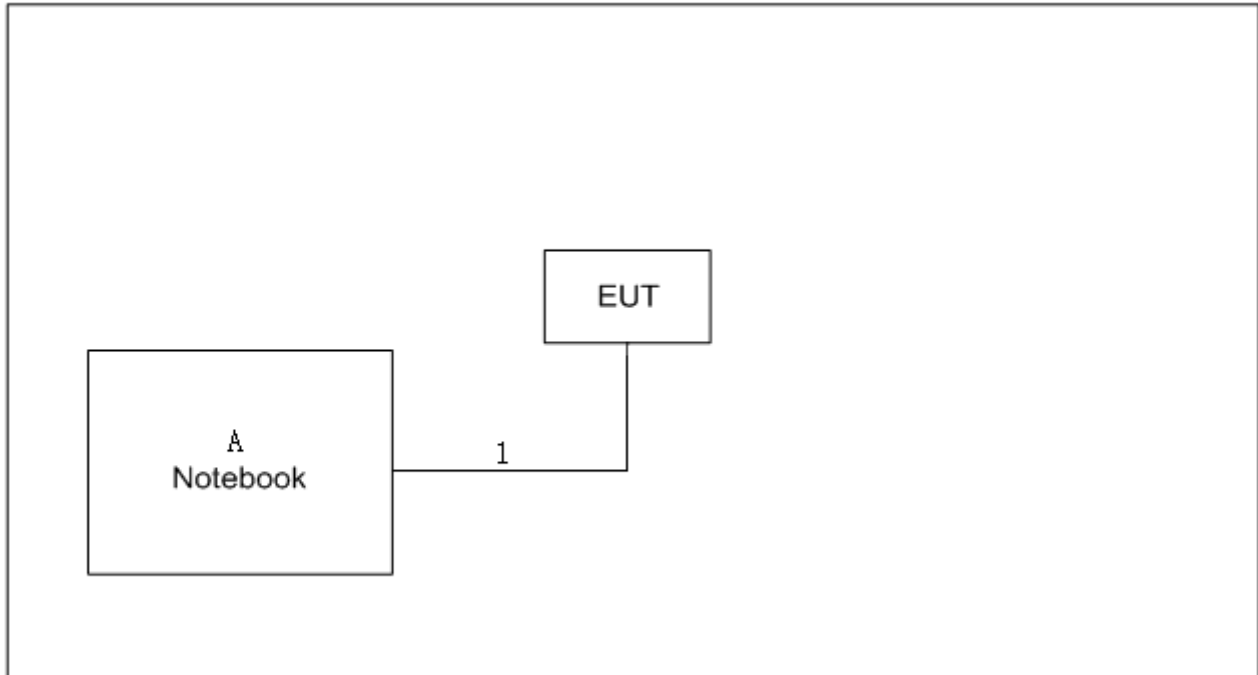
- (1) For radiated emission above 1 GHz test, the spurious points of 1GHz~26.5GHz have been pre-tested and in this report only recorded the worst case. The remaining spurious points are all below the limit value of 20dB.
- (2) For AC power line conducted emissions and radiated emissions below 1 GHz test, the 4Mbps channel 01 is found to be the worst case and recorded.
- (3) For radiated emission Harmonic 18-26.5GHz test, only tested the worst case and recorded.
- (4) For radiated emission 1 GHz - 18GHz test, the polarization of Vertical and Horizontal are evaluated, the worst case is Horizontal and recorded.

3.3 PARAMETERS OF TEST SOFTWARE

During testing channel & power controlling software provided by the customer was used to control the operating channel as well as the output power level.

Test Software Version	AB1620_Airoha_Tool_Kit(ATK)_v1.0.0.6		
Frequency (MHz)	2404	2440	2478
2Mbps	61	61	61
Frequency (MHz)	2406	2440	2476
4Mbps	61	61	61

3.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



3.5 SUPPORT UNITS

Item	Equipment	Brand	Model No.	Series No.
A	Notebook	Lenovo	Think book 15 G3 ITL	N/A

Item	Cable Type	Shielded Type	Ferrite Core	Length
1	USB Cable	NO	NO	1.8m

3.6 CUSTOMER INFORMATION DESCRIPTION

- 1) The antenna gain is 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.

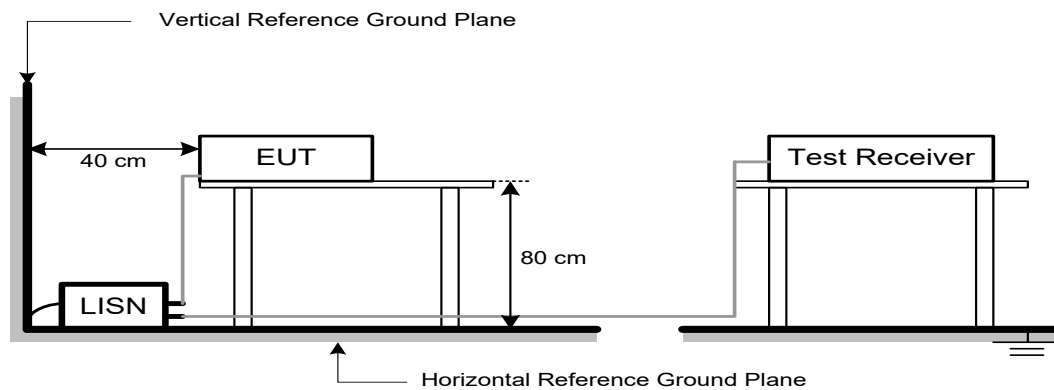
The following table is the setting of the receiver:

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 OPERATING CONDITIONS

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.

4.6 TEST RESULTS

Please refer to the APPENDIX A.

Remark:

- (1) All readings are QP Mode value unless otherwise stated AVG in column of 『Note』 . If the QP Mode Measured value compliance with the QP Limits and lower than AVG Limits, the EUT shall be deemed to meet both QP & AVG Limits and then only QP Mode was measured, but AVG Mode didn't perform. In this case, a " * " marked in AVG Mode column of Interference Voltage Measured.
- (2) Measuring frequency range from 150 kHz to 30 MHz.

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

$$(5) \quad FS_{\text{limit}} = FS_{\text{max}} - 20 \log \left(\frac{d_{\text{limit}}}{d_{\text{measure}}} \right)$$

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

- 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 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)
- 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

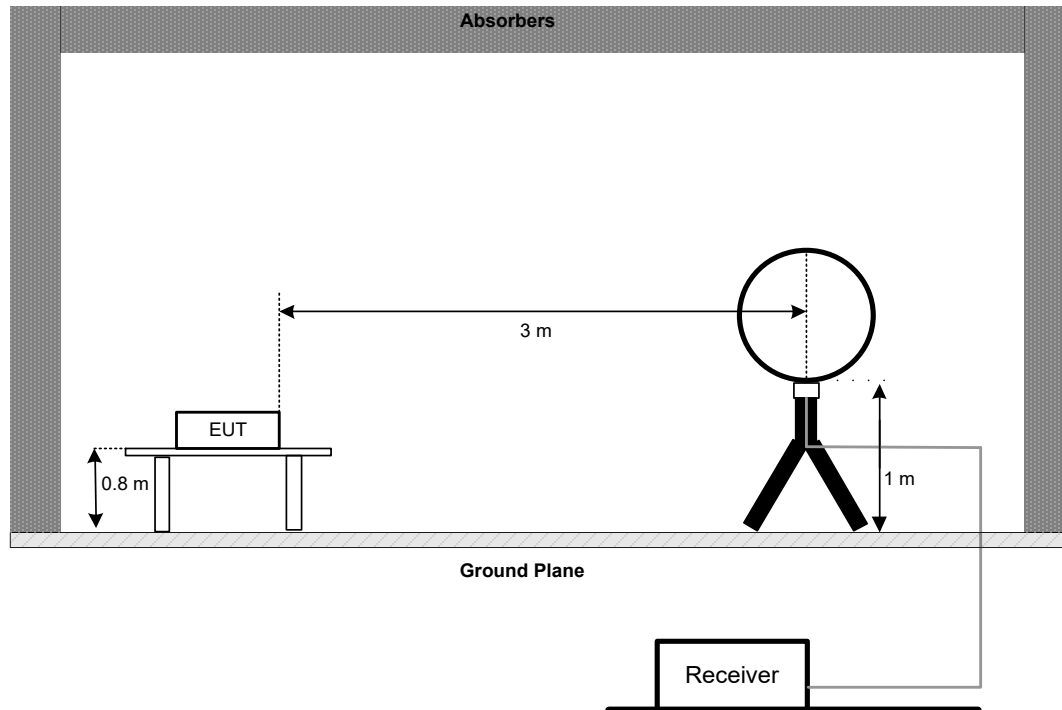
Spectrum Parameters	Setting
Start ~ Stop Frequency	9 kHz~90 kHz for PK/AVG detector
Start ~ Stop Frequency	90 kHz~110 kHz for QP detector
Start ~ Stop Frequency	110 kHz~490 kHz for PK/AVG detector
Start ~ Stop Frequency	490 kHz~30 MHz for QP detector
Start ~ Stop Frequency	30 MHz~1000 MHz for QP detector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

5.3 DEVIATION FROM TEST STANDARD

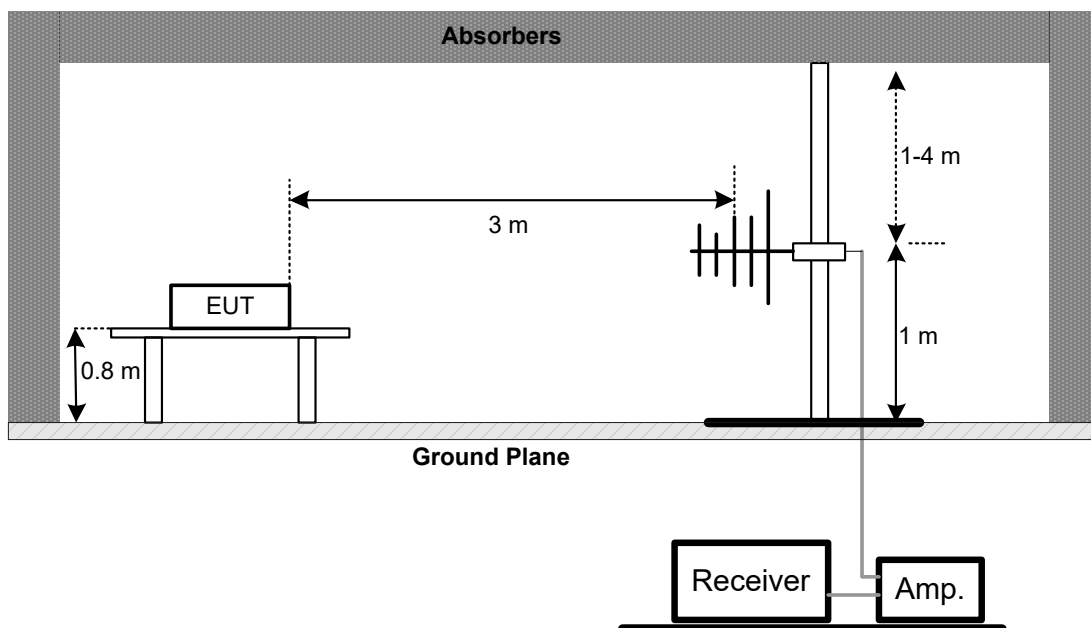
No deviation.

5.4 TEST SETUP

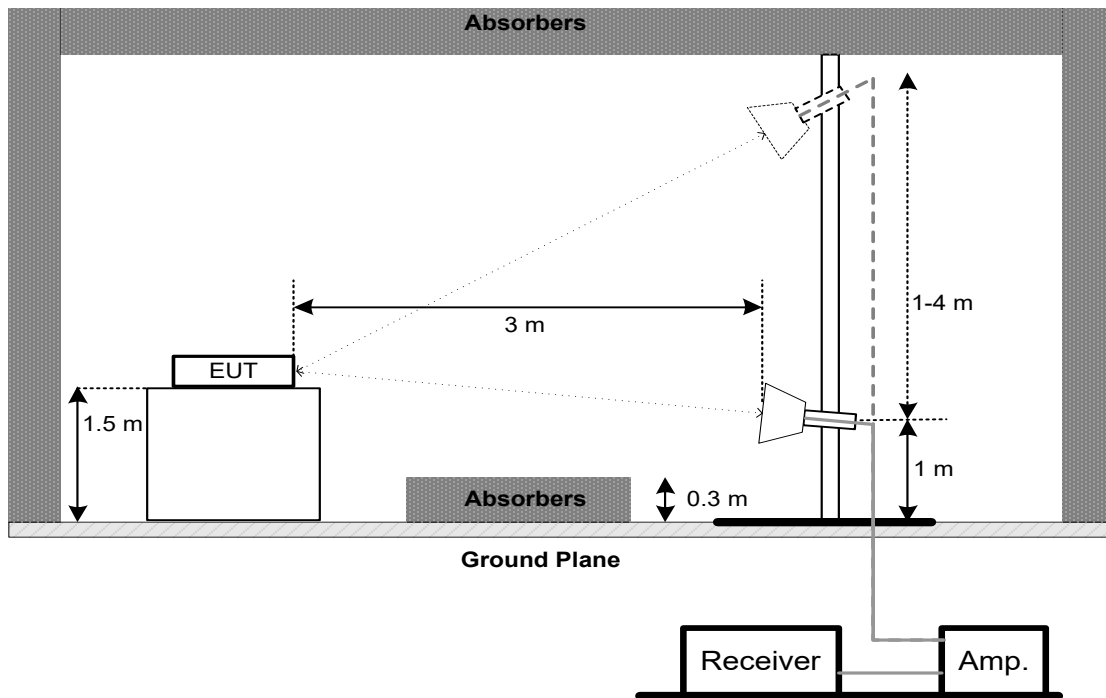
9 kHz to 30 MHz



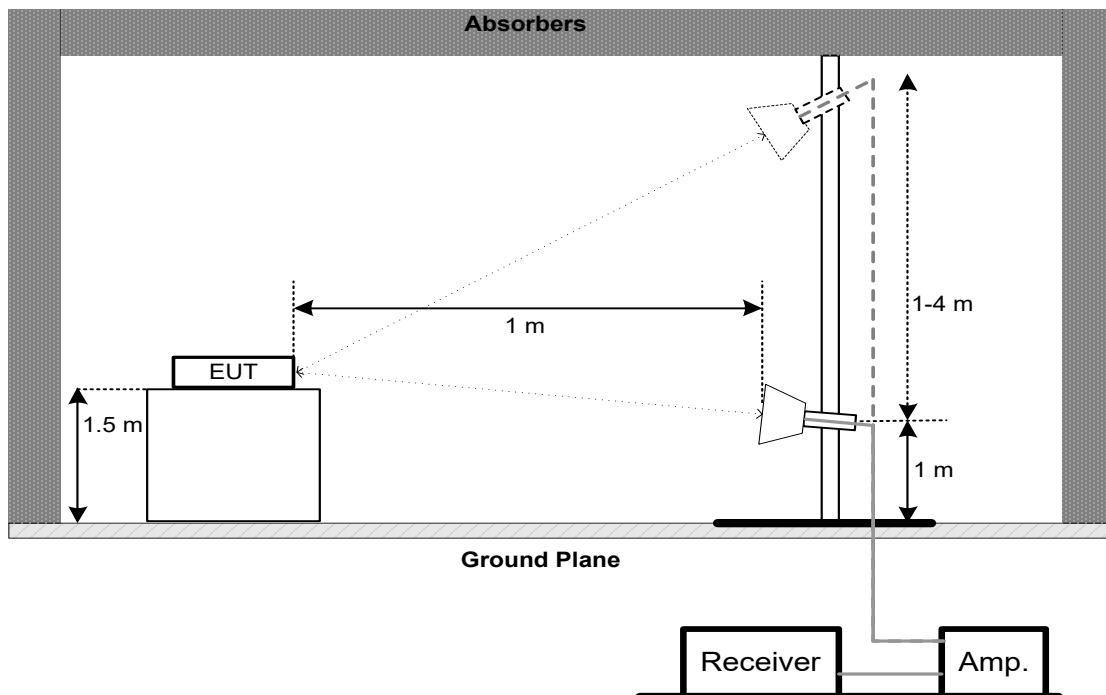
30 MHz to 1 GHz



**Above 1 GHz
Band edge & Harmonic(1 GHz to 18 GHz)**



Harmonic(18 GHz to 26.5 GHz)



5.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

5.6 TEST RESULT - 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 RESULT - 30 MHz TO 1000 MHz

Please refer to the APPENDIX C.

5.8 TEST RESULT - 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	≥ 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	30 kHz
VBW	100 kHz
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 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	$\geq 3 \times \text{RBW}$
RBW	3 MHz
VBW	10 MHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

7.3 DEVIATION FROM STANDARD

No deviation.

7.4 TEST SETUP



7.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

7.6 TEST RESULTS

Please refer to the APPENDIX F.

8. CONDUCTED SPURIOUS EMISSION

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

- 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 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:

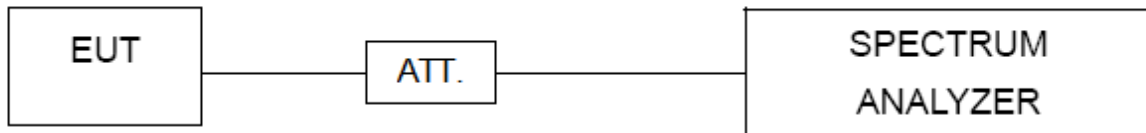
Spectrum Parameters	Setting
Start Frequency	2300 MHz
Stop Frequency	2690 MHz
RBW	100 kHz
VBW	300 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

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

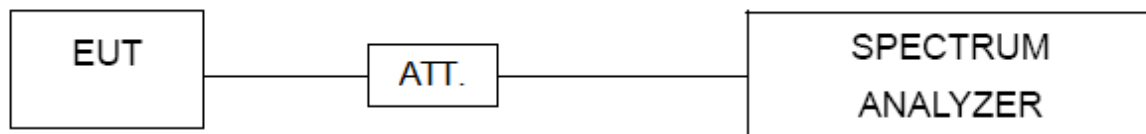
- The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
- The following table is the setting of the spectrum analyzer:

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 (Test Date: Nov. 06, 2025)					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	EMI TEST RECEIVER	R&S	ESCI	100382	Dec. 09, 2025
2	TWO-LINE V-NETWORK	R&S	ENV216	101447	Dec. 09, 2025
3	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
4	Cable	N/A	SFT205-NMNM-9 M-001	9M	Jul. 08, 2026
5	643 Shield Room	ETS	6*4*3	N/A	N/A

Radiated Emissions - 9 kHz to 30 MHz (Test Date: Nov. 04, 2025)					
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 09, 2026

Radiated Emissions - 30 MHz to 1 GHz (Test Date: Nov. 04, 2025)					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Trilog-Broadband Antenna	Schwarzbeck	VULB 9168	01462	Dec. 19, 2025
2	Attenuator	EMC INSTRUMENT	EMCI-N-6-06	AT-06009	Dec. 19, 2025
3	Preamplifier	EMC INSTRUMENT	EMC001330	980998	May 17, 2026
4	Cable	RegalWay	LMR400-NMNM-12 .5m	N/A	Jun. 04, 2026
5	Cable	RegalWay	LMR400-NMNM-3 m	N/A	Jun. 04, 2026
6	Cable	RegalWay	LMR400-NMNM-0. 5m	N/A	Jun. 04, 2026
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 15, 2026

Radiated Emissions - 1 GHz - 18 GHz
(Test Date: Dec. 24, 2025)

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Positioning Controller	MF	MF-7802	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	Jul. 25, 2026
4	Cable	EMC INSTRUMENT	EMC104-SM-SM-1 0000	N/A	Oct. 20, 2026
5	Cable	EMC INSTRUMENT	EMC104-SM-SM-3 000	N/A	Oct. 20, 2026
6	Cable	RegalWay	RWLP50-4.0A-SMS M-1M	N/A	Oct. 20, 2026
7	966 Chamber room	Tai He	9*6*6 (NSA&VSWR)	N/A	May 18, 2026
8	Double Ridged Broadband Horn Antenna	RF SPIN	DRH18-E	210106A18E	Jul. 15, 2026
9	Preamplifier	EMC INSTRUMENT	EMC118A45SE	981001	May 28, 2026
10	Attenuator	Talent Microwave	TA10A2-S-18	N/A	N/A
11	Filter	COM-MW	ZHPF6-M3000-180 00-174	N/A	Oct. 17, 2026

Radiated Emissions - Above 18 GHz
(Test Date: Nov. 22, 2025)

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	MXA Signal Analyzer	KEYSIGHT	N9020B	MY63380204	Jul. 25, 2026
2	Cable	Tonscend	HF160-KMKM-0.5M	N/A	Oct. 21, 2026
3	Cable	Tonscend	HF160-KMKM-5M	N/A	Oct. 21, 2026
4	Pre-Amplifier	EMC INSTRUMENT	EMC184045SE	980409	Nov. 21, 2026
5	DRG Horn Antenna	ETS	3116C	218942	Feb. 28, 2026
6	Positioning Controller	MF	MF-7802	N/A	N/A
7	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

Maximum Output Power
(Test Date: Dec. 24, 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

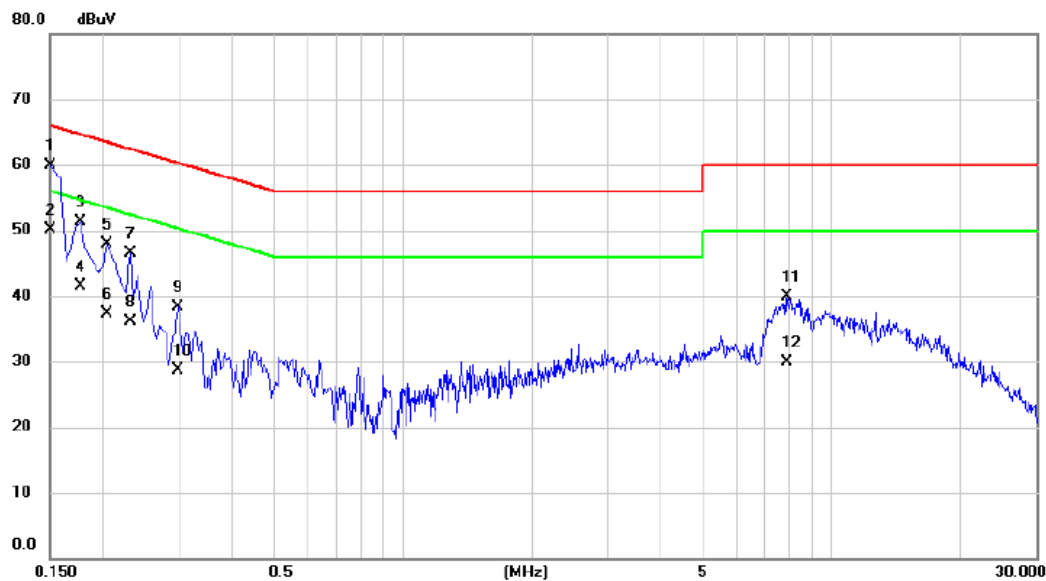
**Bandwidth &
Power Spectral Density &
Conducted Spurious Emission**
(Test Date: Nov. 03, 2025)

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

Remark: "N/A" denotes no model name, serial no. or calibration specified.
All calibration period of equipment list is one year.

APPENDIX A - AC POWER LINE CONDUCTED EMISSIONS

Test Mode	TX Mode Channel 01_4Mbps	Phase	Line
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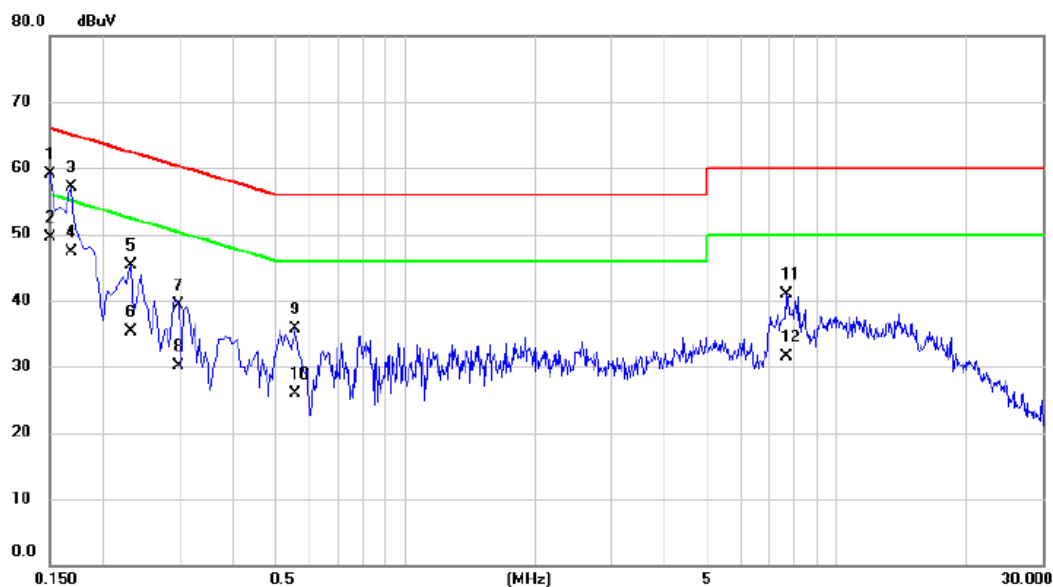
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.1500	50.02	9.89	59.91	66.00	-6.09	QP	
2	*	0.1500	40.30	9.89	50.19	56.00	-5.81	AVG	
3		0.1770	41.37	9.92	51.29	64.63	-13.34	QP	
4		0.1770	31.50	9.92	41.42	54.63	-13.21	AVG	
5		0.2040	37.94	9.90	47.84	63.45	-15.61	QP	
6		0.2040	27.40	9.90	37.30	53.45	-16.15	AVG	
7		0.2310	36.67	9.90	46.57	62.41	-15.84	QP	
8		0.2310	26.30	9.90	36.20	52.41	-16.21	AVG	
9		0.2985	28.38	9.93	38.31	60.28	-21.97	QP	
10		0.2985	18.80	9.93	28.73	50.28	-21.55	AVG	
11		7.8675	28.62	11.32	39.94	60.00	-20.06	QP	
12		7.8675	18.60	11.32	29.92	50.00	-20.08	AVG	

REMARKS:

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

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

Test Mode	TX Mode Channel 01_4Mbps	Phase	Neutral
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No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.1500	49.06	9.97	59.03	66.00	-6.97	QP	
2	*	0.1500	39.50	9.97	49.47	56.00	-6.53	AVG	
3		0.1680	47.15	9.97	57.12	65.06	-7.94	QP	
4		0.1680	37.40	9.97	47.37	55.06	-7.69	AVG	
5		0.2310	35.25	9.98	45.23	62.41	-17.18	QP	
6		0.2310	25.30	9.98	35.28	52.41	-17.13	AVG	
7		0.2985	29.32	9.99	39.31	60.28	-20.97	QP	
8		0.2985	20.10	9.99	30.09	50.28	-20.19	AVG	
9		0.5550	25.76	10.04	35.80	56.00	-20.20	QP	
10		0.5550	15.80	10.04	25.84	46.00	-20.16	AVG	
11		7.6425	29.69	11.26	40.95	60.00	-19.05	QP	
12		7.6425	20.30	11.26	31.56	50.00	-18.44	AVG	

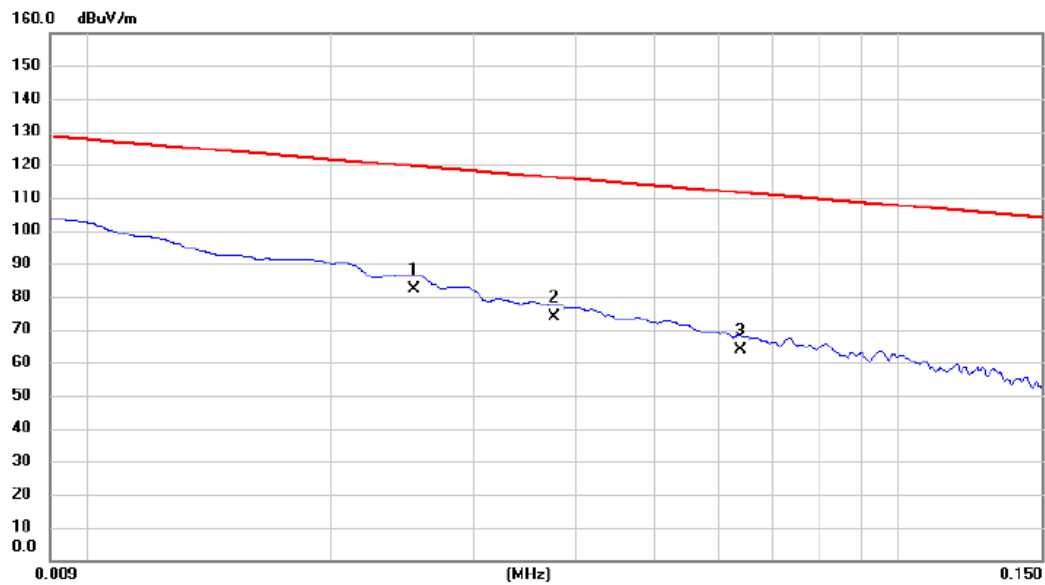
REMARKS:

(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 Mode Channel 01_4Mbps	Polarization	Ant 0°
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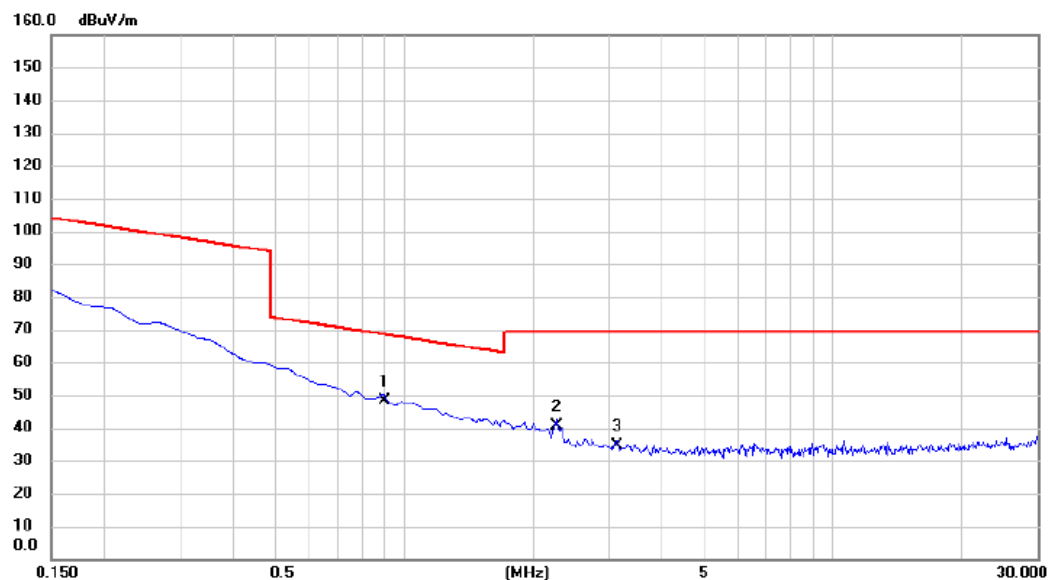
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	0.025	62.15	20.23	82.38	119.54	-37.16	AVG	
2		0.038	53.86	20.14	74.00	116.10	-42.10	AVG	
3		0.064	43.72	20.14	63.86	111.48	-47.62	AVG	

REMARKS:

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

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

Test Mode	TX Mode Channel 01_4Mbps	Polarization	Ant 0°
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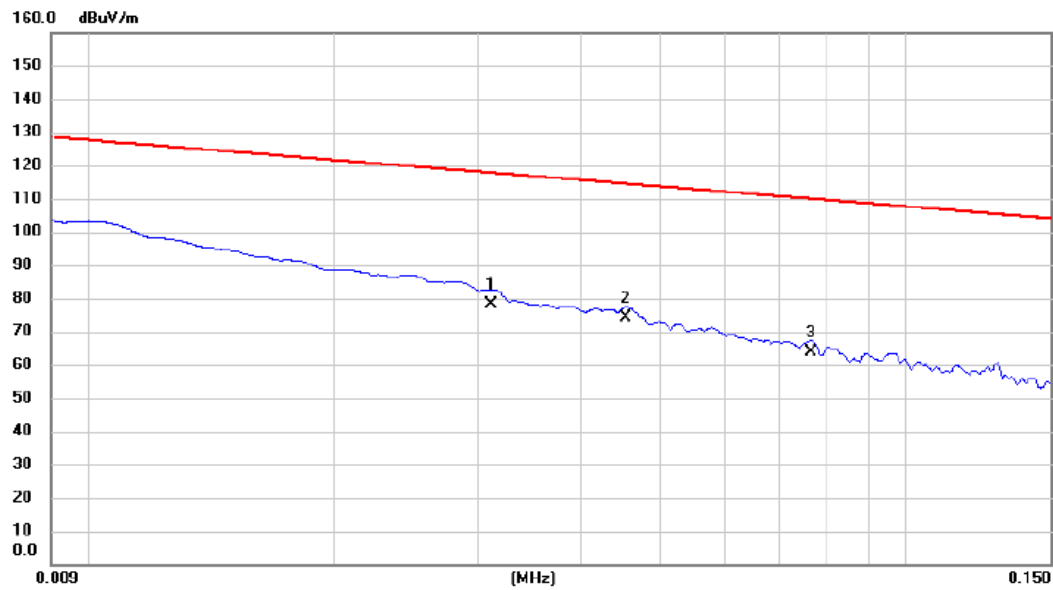
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.896	28.15	19.98	48.13	68.56	-20.43	QP	
2		2.269	20.75	20.02	40.77	69.54	-28.77	QP	
3		3.135	14.72	20.08	34.80	69.54	-34.74	QP	

REMARKS:

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

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

Test Mode	TX Mode Channel 01_4Mbps	Polarization	Ant 90°
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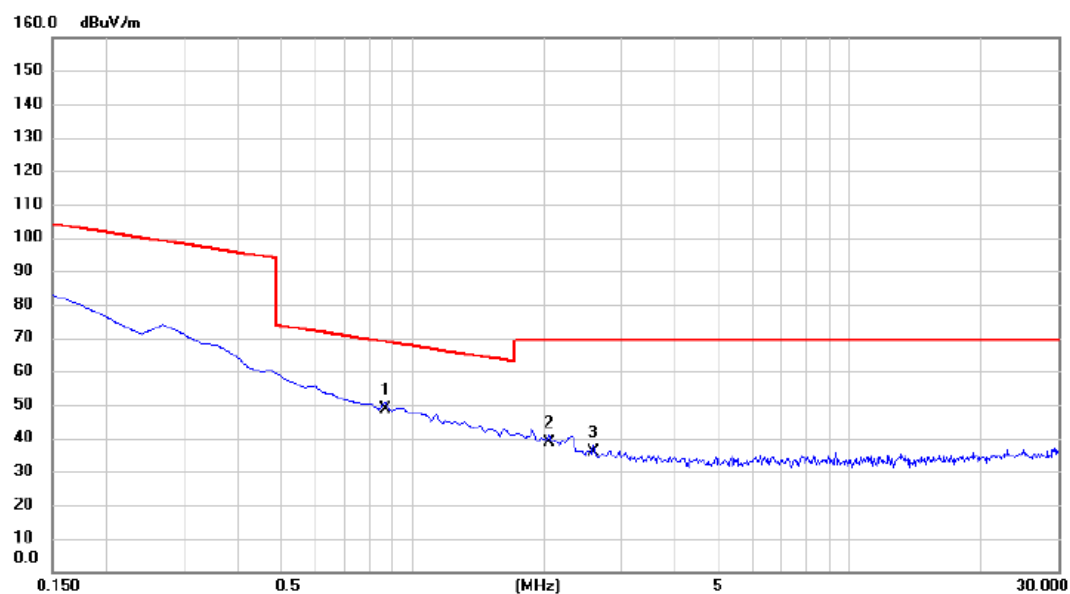
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.031	58.15	20.14	78.29	117.75	-39.46	AVG	
2		0.045	53.94	20.14	74.08	114.46	-40.38	AVG	
3		0.076	43.71	20.14	63.85	109.94	-46.09	AVG	

REMARKS:

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

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

Test Mode	TX Mode Channel 01_4Mbps	Polarization	Ant 90°
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No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.866	28.43	19.98	48.41	68.85	-20.44	QP	
2		2.060	18.76	20.01	38.77	69.54	-30.77	QP	
3		2.598	15.82	20.05	35.87	69.54	-33.67	QP	

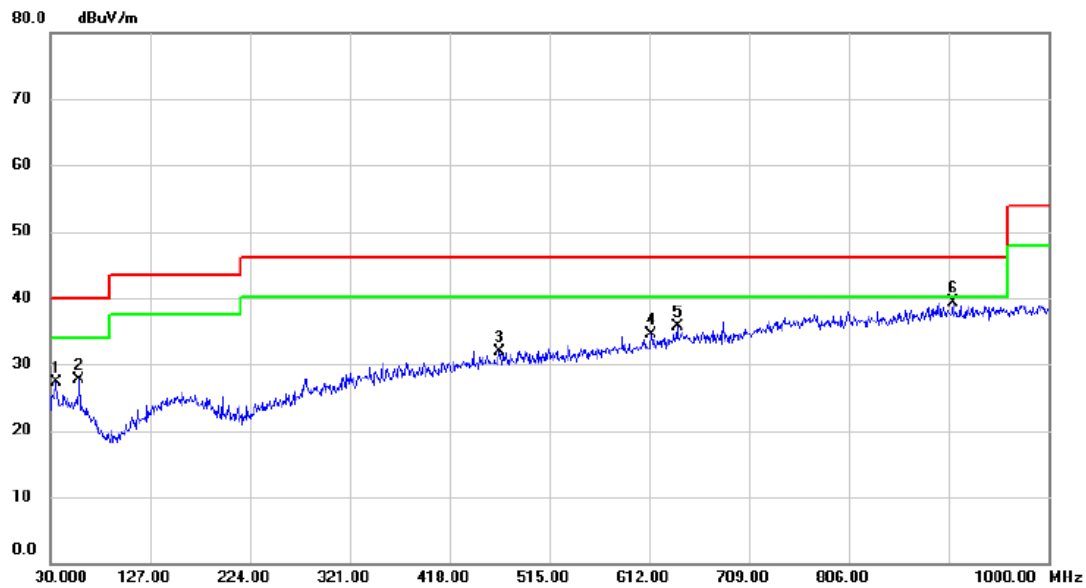
REMARKS:

(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 Mode Channel 01_4Mbps	Polarization	Vertical
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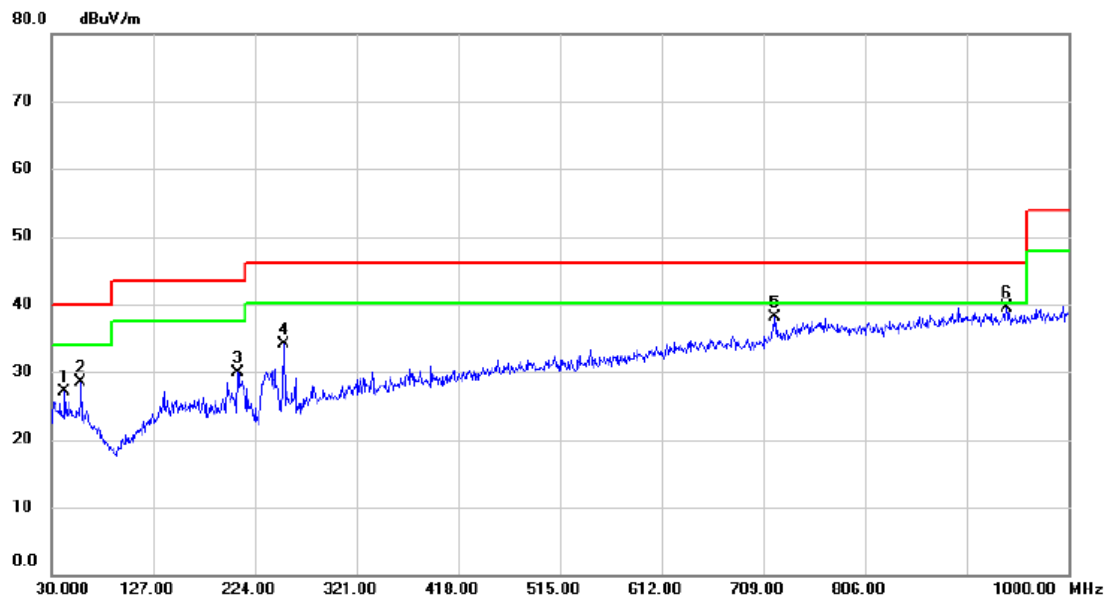


No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	35.820	39.37	-12.10	27.27	40.00	-12.73	peak	
2	58.130	39.16	-11.40	27.76	40.00	-12.24	peak	
3	466.500	37.73	-5.75	31.98	46.02	-14.04	peak	
4	613.940	37.52	-2.95	34.57	46.02	-11.45	peak	
5	639.160	38.09	-2.42	35.67	46.02	-10.35	peak	
6 *	906.880	38.49	0.84	39.33	46.02	-6.69	peak	

REMARKS:

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

Test Mode	TX Mode Channel 01_4Mbps	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		42.610	38.38	-11.34	27.04	40.00	-12.96	peak	
2		58.130	39.96	-11.40	28.56	40.00	-11.44	peak	
3		207.510	43.58	-13.63	29.95	43.52	-13.57	peak	
4		252.130	45.39	-11.35	34.04	46.02	-11.98	peak	
5		719.670	39.57	-1.55	38.02	46.02	-8.00	peak	
6	*	940.830	38.44	1.03	39.47	46.02	-6.55	peak	

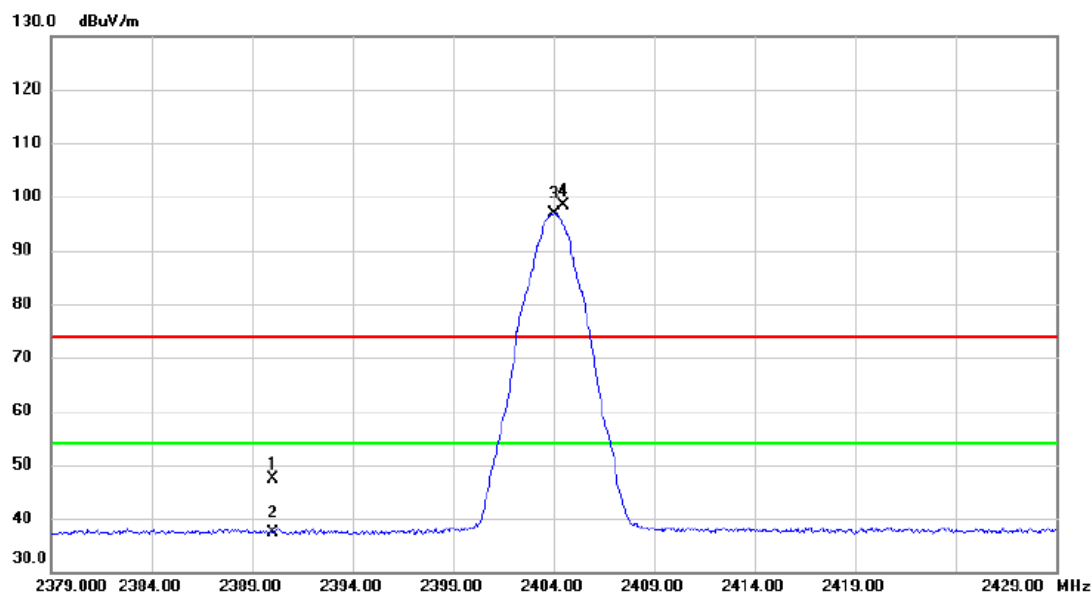
REMARKS:

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

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

APPENDIX D - RADIATED EMISSION - ABOVE 1000 MHZ

Test Mode	TX Mode 2404MHz_CH00_2Mbps	Polarization	Horizontal
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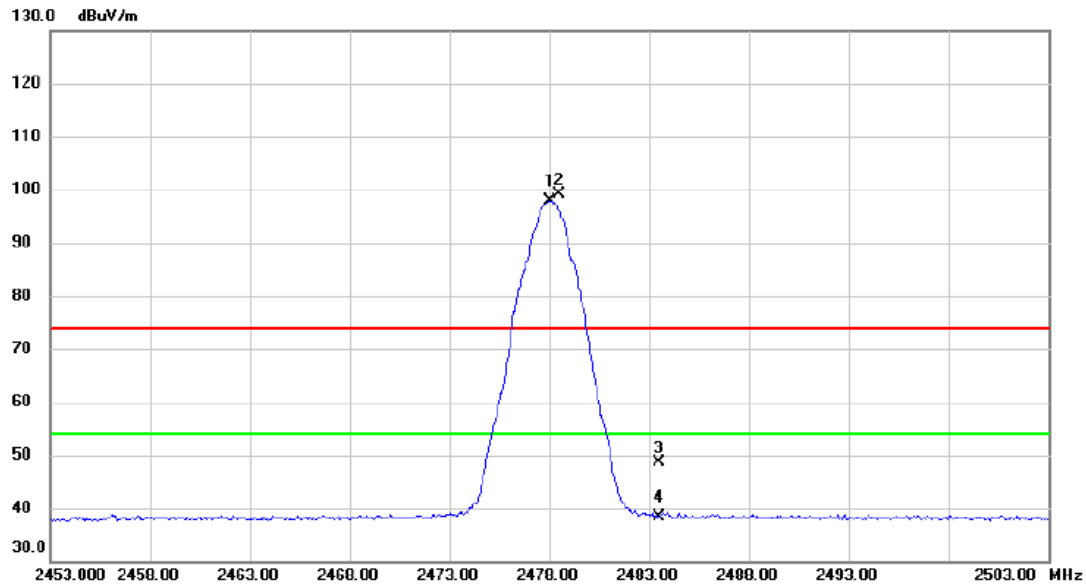
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2390.000	39.01	8.44	47.45	74.00	-26.55	peak	
2		2390.000	29.03	8.44	37.47	54.00	-16.53	AVG	
3	*	2404.050	88.46	8.49	96.95	54.00	42.95	AVG	No Limit
4	X	2404.500	89.85	8.50	98.35	74.00	24.35	peak	No Limit

REMARKS:

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

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

Test Mode	TX Mode 2478MHz_CH37_2Mbps	Polarization	Horizontal
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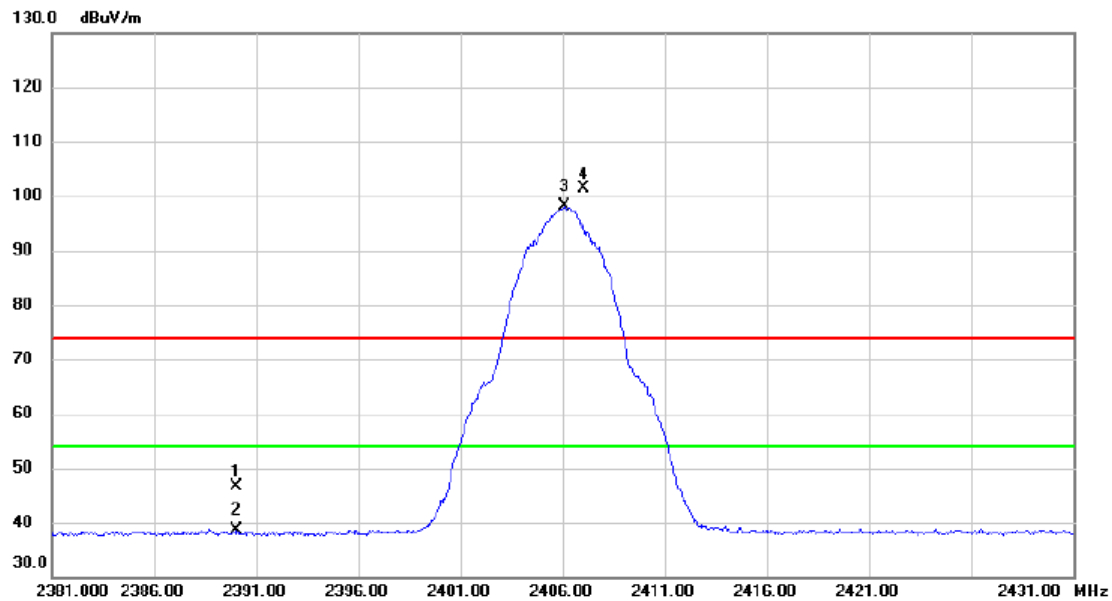
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	2478.050	89.03	8.85	97.88	54.00	43.88	AVG	No Limit
2	X	2478.500	90.29	8.85	99.14	74.00	25.14	peak	No Limit
3		2483.500	39.88	8.86	48.74	74.00	-25.26	peak	
4		2483.500	29.51	8.86	38.37	54.00	-15.63	AVG	

REMARKS:

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

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

Test Mode	TX Mode 2406MHz_CH01_4Mbps	Polarization	Horizontal
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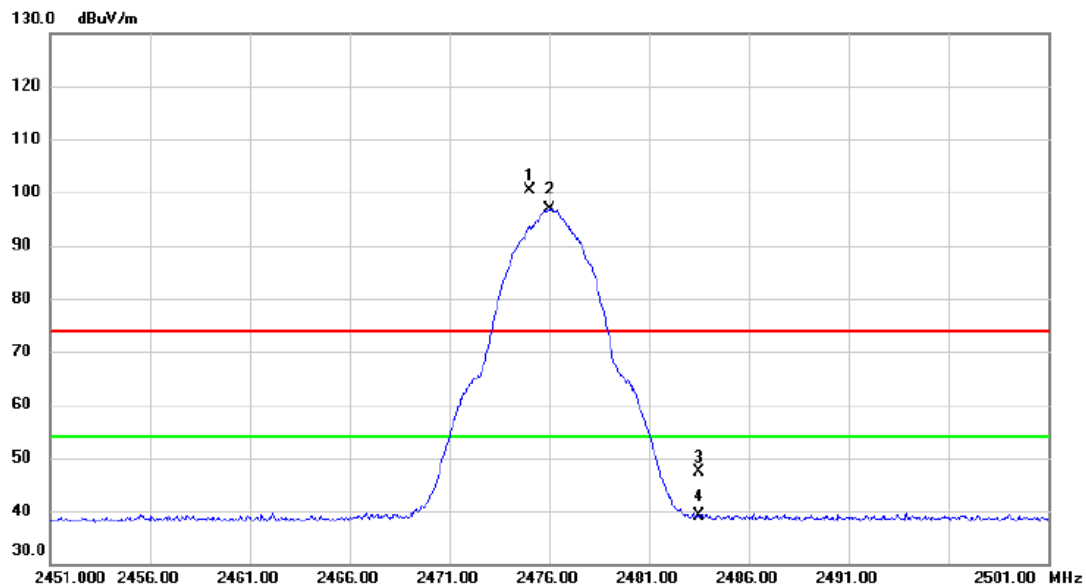
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2390.000	38.23	8.44	46.67	74.00	-27.33	peak	
2		2390.000	30.24	8.44	38.68	54.00	-15.32	AVG	
3	*	2406.100	89.50	8.51	98.01	54.00	44.01	AVG	No Limit
4	X	2407.050	92.99	8.51	101.50	74.00	27.50	peak	No Limit

REMARKS:

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

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

Test Mode	TX Mode 2476MHz_CH36_4Mbps	Polarization	Horizontal
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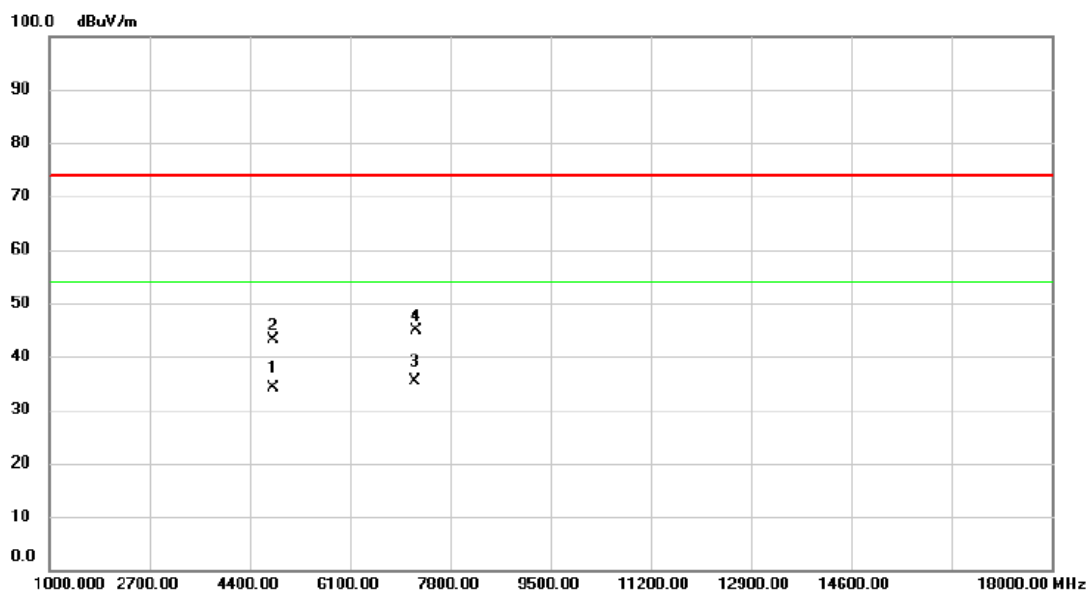
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	2475.000	91.50	8.82	100.32	74.00	26.32	peak	No Limit
2	*	2476.050	88.03	8.83	96.86	54.00	42.86	AVG	No Limit
3		2483.500	38.60	8.86	47.46	74.00	-26.54	peak	
4		2483.500	30.24	8.86	39.10	54.00	-14.90	AVG	

REMARKS:

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

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

Test Mode	TX Mode 2404MHz_CH00_2Mbps	Polarization	Horizontal
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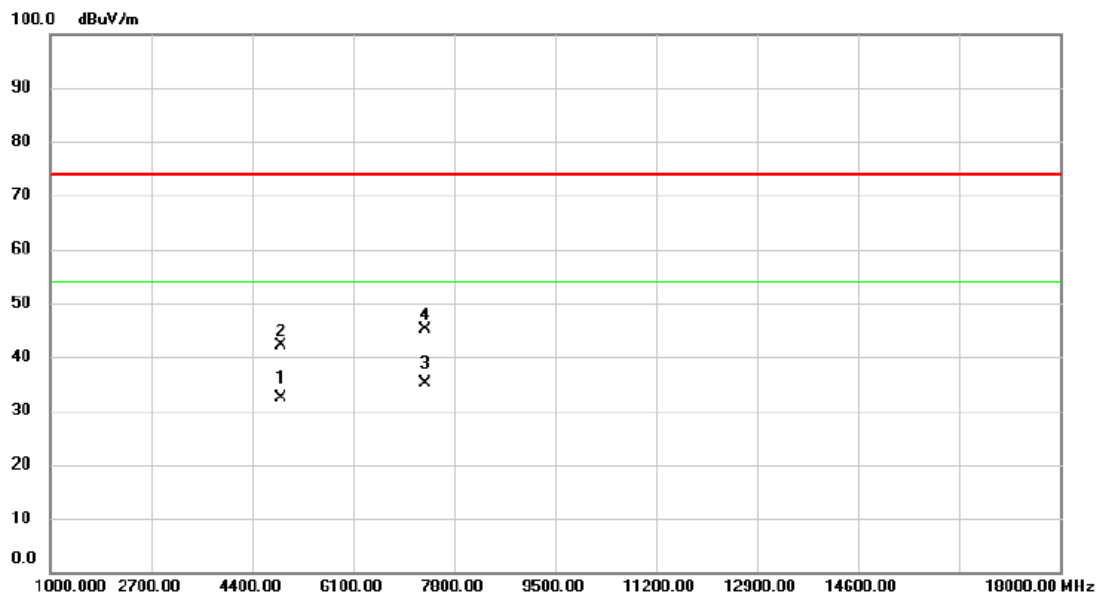


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		4807.260	28.89	5.24	34.13	54.00	-19.87	AVG	
2		4807.190	37.84	5.24	43.08	74.00	-30.92	peak	
3	*	7209.950	26.71	8.62	35.33	54.00	-18.67	AVG	
4		7213.610	36.19	8.61	44.80	74.00	-29.20	peak	

REMARKS:

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

Test Mode	TX Mode 2440MHz_CH18_2Mbps	Polarization	Horizontal
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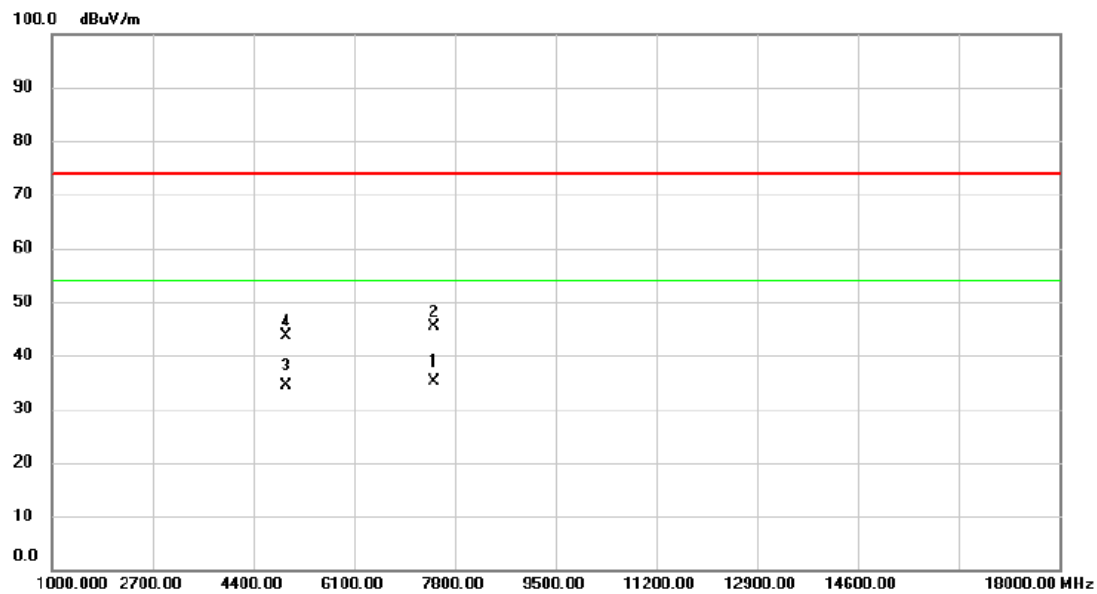


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		4879.900	26.95	5.32	32.27	54.00	-21.73	AVG	
2		4876.140	36.90	5.31	42.21	74.00	-31.79	peak	
3	*	7318.520	26.44	8.67	35.11	54.00	-18.89	AVG	
4		7316.530	36.52	8.67	45.19	74.00	-28.81	peak	

REMARKS:

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

Test Mode	TX Mode 2478MHz_CH37_2Mbps	Polarization	Horizontal
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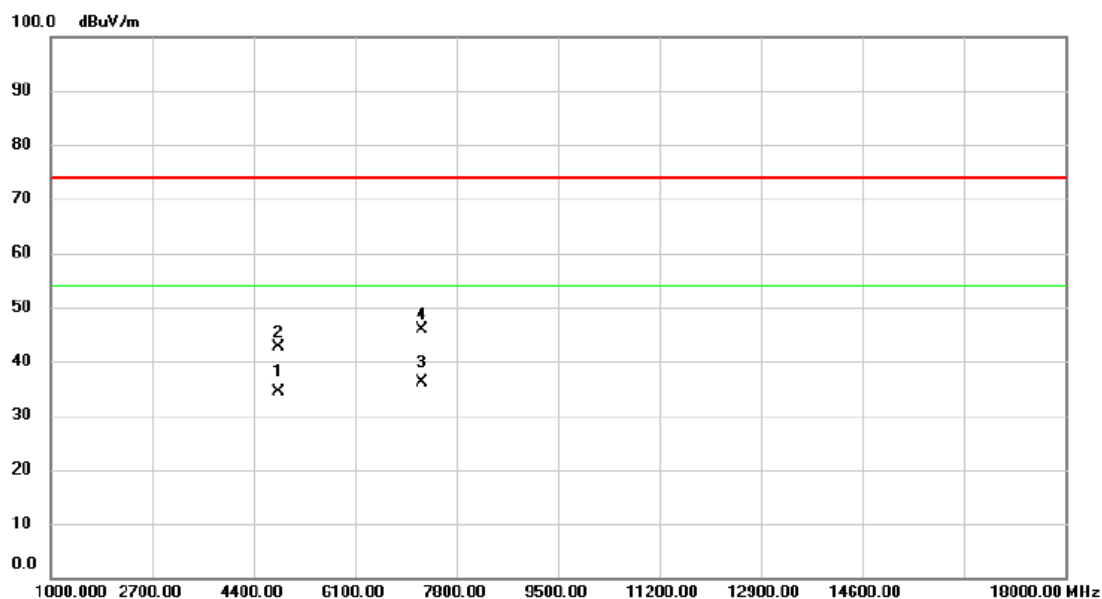


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	7438.640	26.27	8.74	35.01	54.00	-18.99	AVG	
2		7438.610	36.66	8.74	45.40	74.00	-28.60	peak	
3		4956.550	28.95	5.40	34.35	54.00	-19.65	AVG	
4		4955.200	38.19	5.40	43.59	74.00	-30.41	peak	

REMARKS:

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

Test Mode	TX Mode 2406MHz_CH01_4Mbps	Polarization	Horizontal
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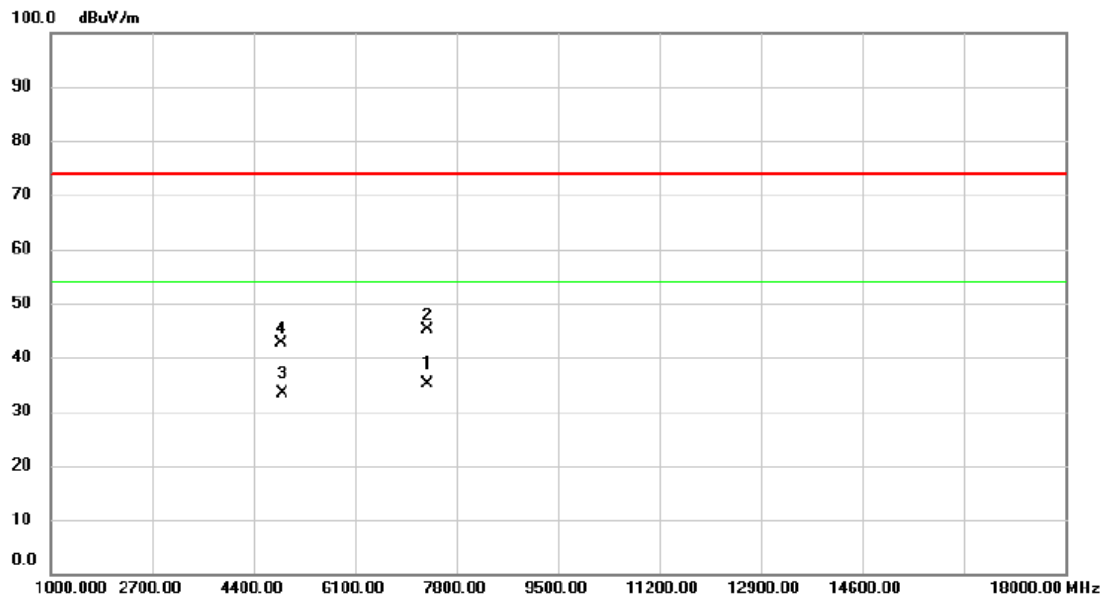
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		4811.940	29.12	5.23	34.35	54.00	-19.65	AVG	
2		4815.020	37.38	5.24	42.62	74.00	-31.38	peak	
3	*	7213.080	27.63	8.61	36.24	54.00	-17.76	AVG	
4		7218.710	37.20	8.62	45.82	74.00	-28.18	peak	

REMARKS:

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

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

Test Mode	TX Mode 2440MHz_CH18_4Mbps	Polarization	Horizontal
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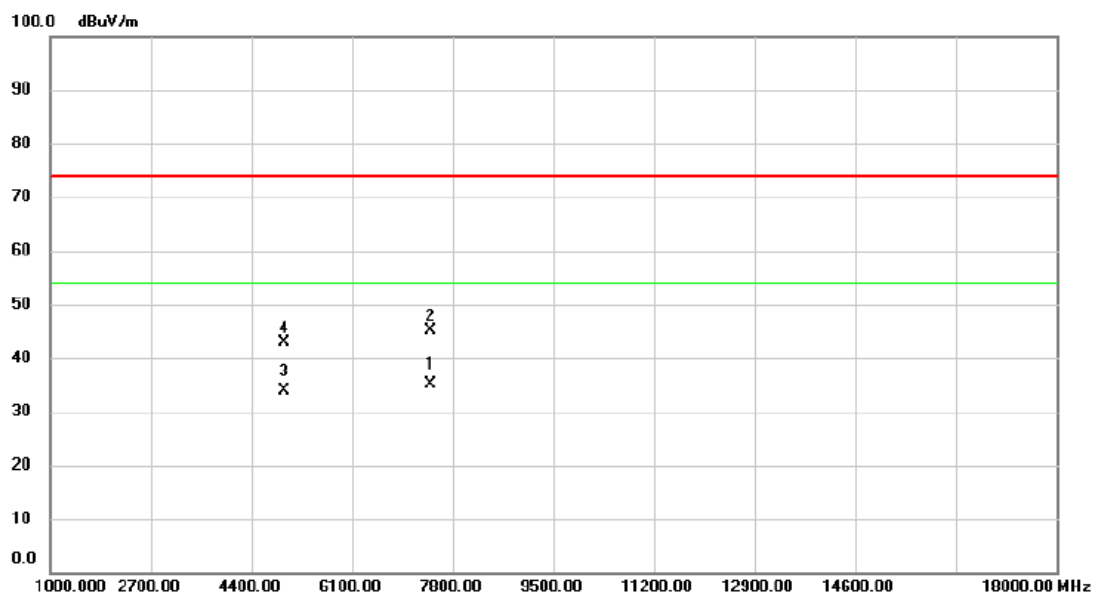
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	7319.630	26.36	8.67	35.03	54.00	-18.97	AVG	
2		7319.450	36.39	8.67	45.06	74.00	-28.94	peak	
3		4878.020	28.08	5.31	33.39	54.00	-20.61	AVG	
4		4875.260	37.29	5.31	42.60	74.00	-31.40	peak	

REMARKS:

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

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

Test Mode	TX Mode 2476MHz_CH36_4Mbps	Polarization	Horizontal
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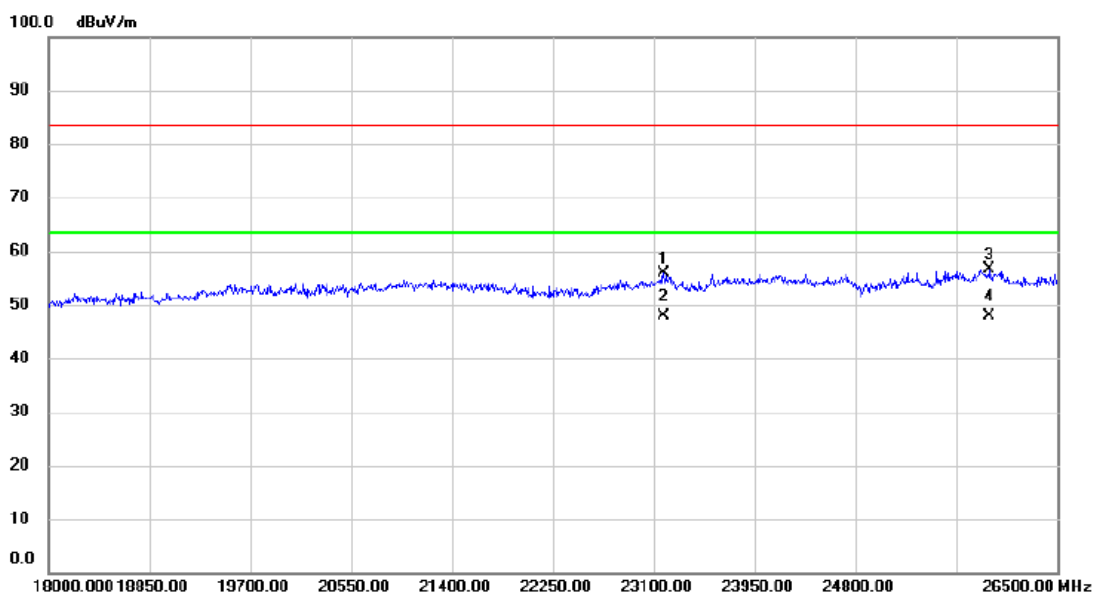
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	7432.300	26.34	8.74	35.08	54.00	-18.92	AVG	
2		7428.320	36.38	8.74	45.12	74.00	-28.88	peak	
3		4953.890	28.54	5.39	33.93	54.00	-20.07	AVG	
4		4951.550	37.41	5.39	42.80	74.00	-31.20	peak	

REMARKS:

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

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

Test Mode	TX Mode Channel 01_4Mbps	Polarization	Vertical
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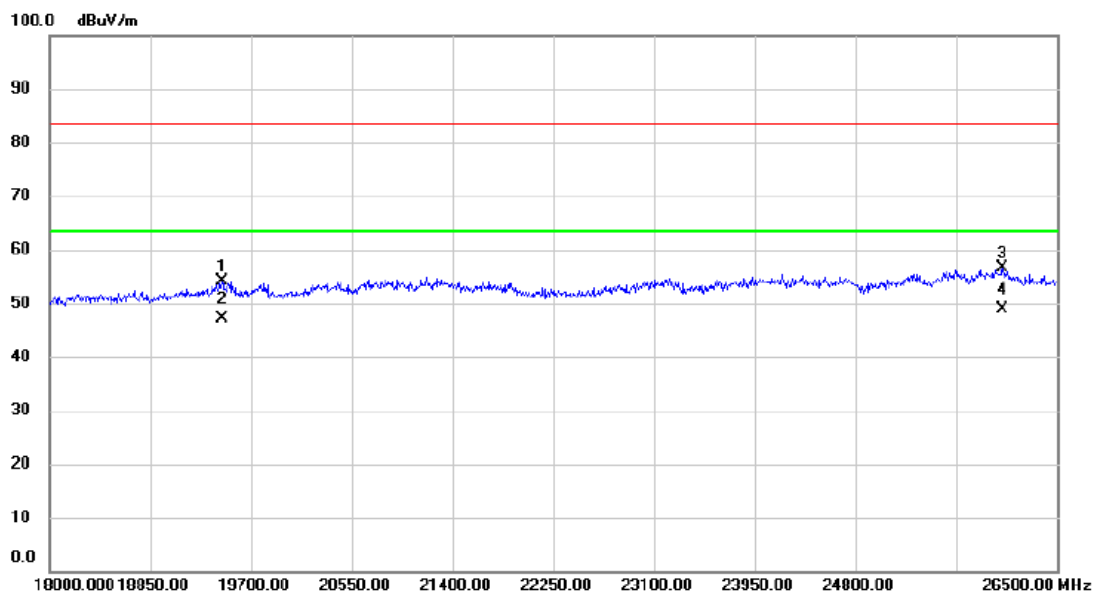
No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	23185.000	50.37	5.40	55.77	83.50	-27.73	peak	
2	23185.000	42.36	5.40	47.76	63.50	-15.74	AVG	
3	25930.500	50.87	5.69	56.56	83.50	-26.94	peak	
4 *	25930.500	42.12	5.69	47.81	63.50	-15.69	AVG	

REMARKS:

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

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

Test Mode	TX Mode Channel 01_4Mbps	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		19453.500	50.80	3.45	54.25	83.50	-29.25	peak	
2		19453.500	43.68	3.45	47.13	63.50	-16.37	AVG	
3		26041.000	50.89	5.64	56.53	83.50	-26.97	peak	
4	*	26041.000	43.15	5.64	48.79	63.50	-14.71	AVG	

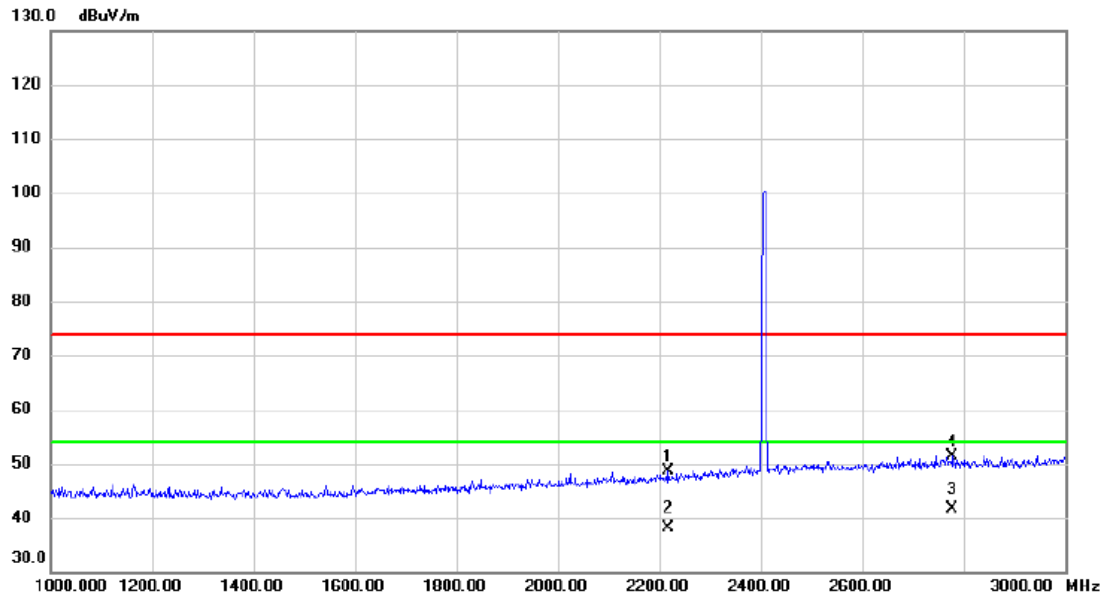
REMARKS:

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

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

Worst Case:

Test Mode	TX Mode Channel 01_4Mbps	Polarization	Horizontal
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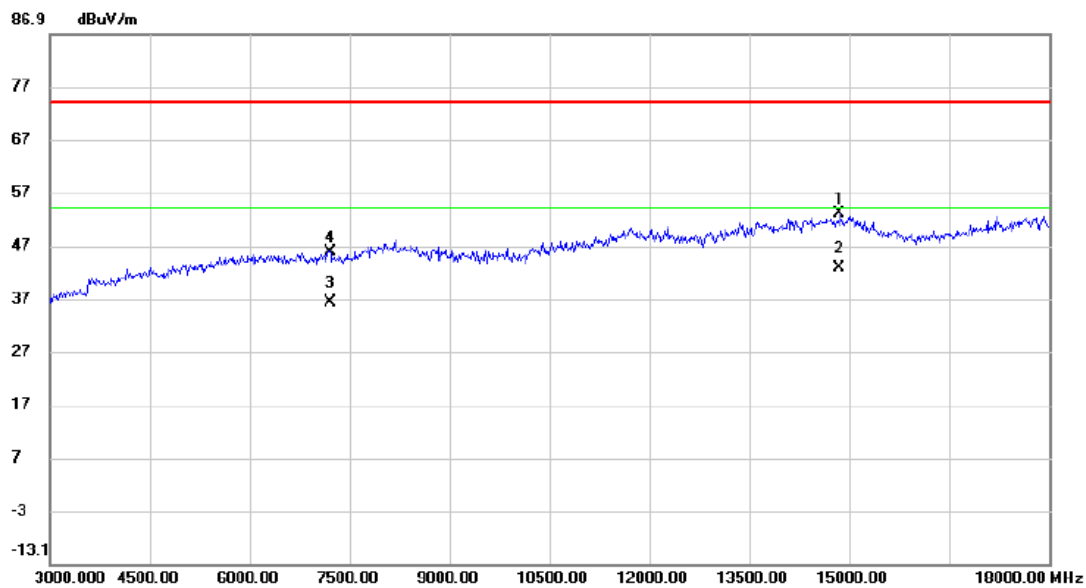


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2218.000	40.99	7.64	48.63	74.00	-25.37	peak	
2		2218.000	30.49	7.64	38.13	54.00	-15.87	AVG	
3	*	2778.000	31.74	9.77	41.51	54.00	-12.49	AVG	
4		2778.000	41.62	9.77	51.39	74.00	-22.61	peak	

REMARKS:

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

Test Mode	TX Mode Channel 01_4Mbps	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		14855.000	40.17	12.82	52.99	74.00	-21.01	peak	
2	*	14855.000	30.02	12.82	42.84	54.00	-11.16	AVG	
3		7213.080	27.63	8.61	36.24	54.00	-17.76	AVG	
4		7218.710	37.20	8.62	45.82	74.00	-28.18	peak	

REMARKS:

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

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

APPENDIX E - BANDWIDTH

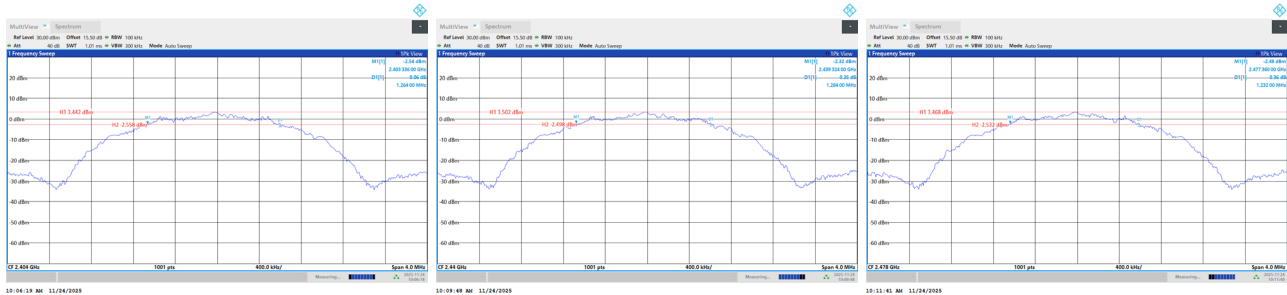
Test Mode	TX Mode_2Mbps
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Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Test Result
00	2404	1.264	2.111	0.5	Pass
18	2440	1.284	2.123	0.5	Pass
37	2478	1.232	2.121	0.5	Pass

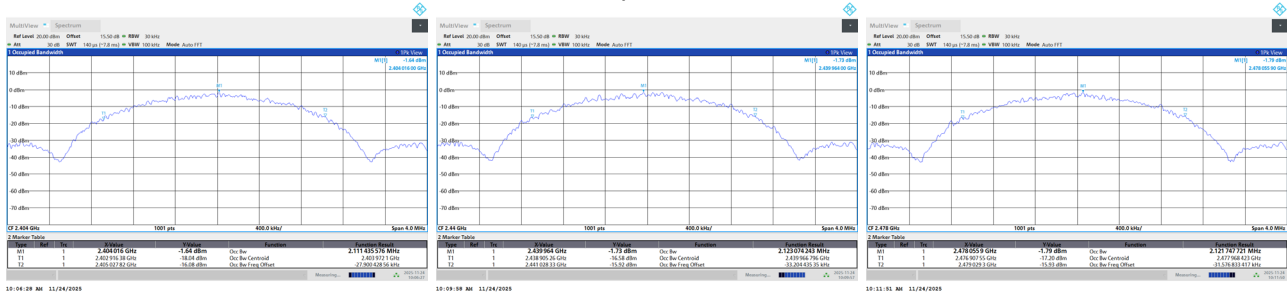
CH00

CH18
6 dB Bandwidth

CH37



99 % Occupied Bandwidth



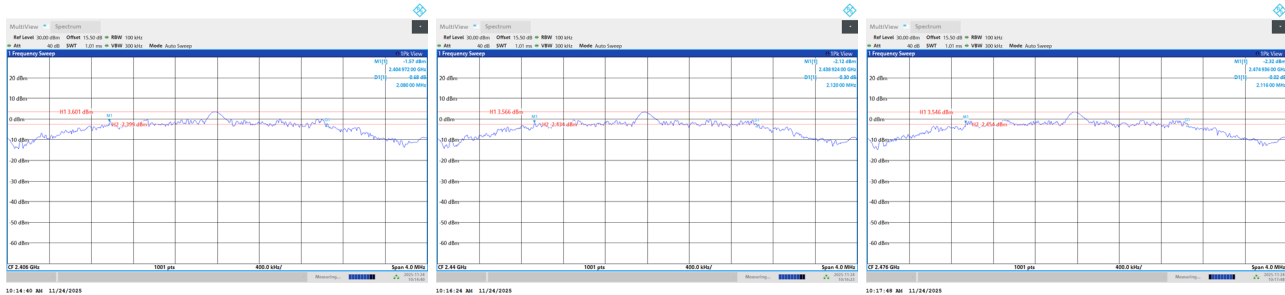
Test Mode	TX Mode_4Mbps
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Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Test Result
01	2406	2.080	4.118	0.5	Pass
18	2440	2.120	4.108	0.5	Pass
36	2476	2.116	4.136	0.5	Pass

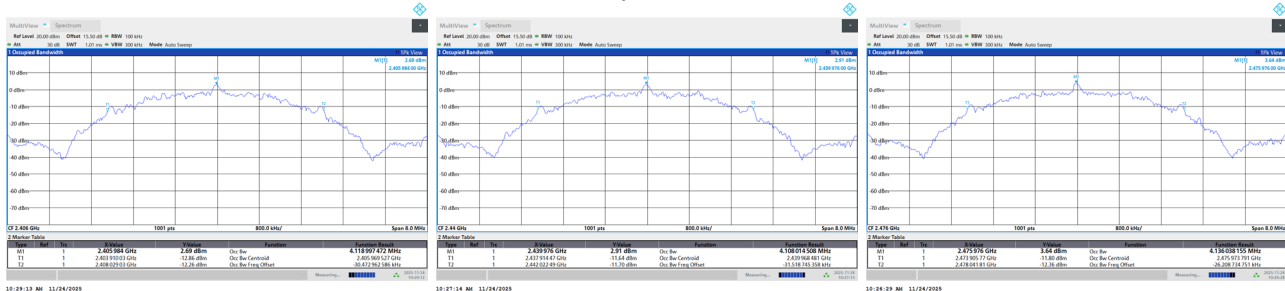
CH01

CH18
6 dB Bandwidth

CH36



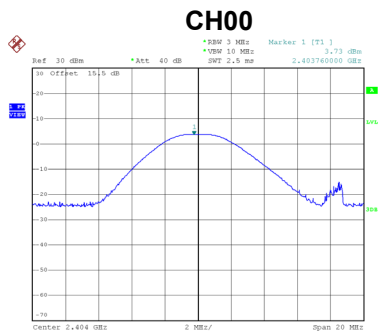
99 % Occupied Bandwidth



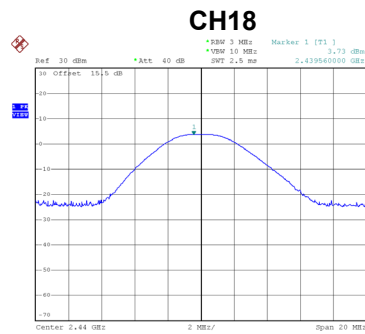
APPENDIX F - MAXIMUM OUTPUT POWER

Test Mode	TX Mode_2Mbps
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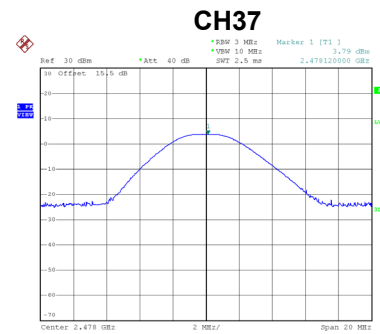
Frequency (MHz)	Output Power (dBm)	Output Power (W)	Max. Limit (dBm)	Max. Limit (W)	Test Result
2404	3.73	0.0024	30.00	1.0000	Pass
2440	3.73	0.0024	30.00	1.0000	Pass
2478	3.79	0.0024	30.00	1.0000	Pass



Date: 24.DEC.2025 13:59:19



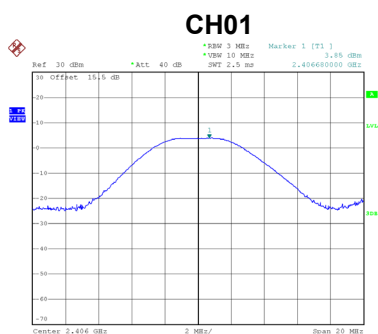
Date: 24.DEC.2025 14:01:49



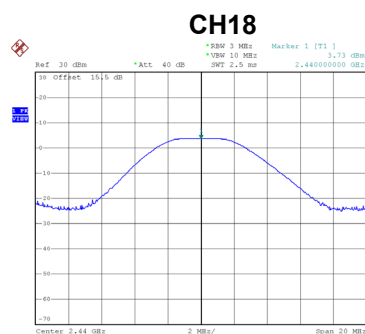
Date: 24.DEC.2025 14:02:13

Test Mode	TX Mode_4Mbps
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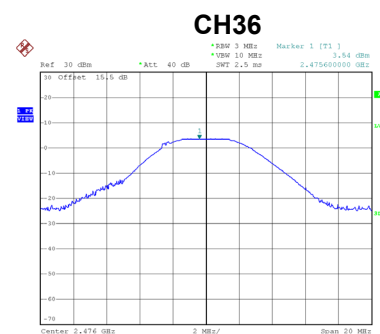
Frequency (MHz)	Output Power (dBm)	Output Power (W)	Max. Limit (dBm)	Max. Limit (W)	Test Result
2406	3.85	0.0024	30.00	1.0000	Pass
2440	3.73	0.0024	30.00	1.0000	Pass
2476	3.54	0.0023	30.00	1.0000	Pass



Date: 24.DEC.2025 14:02:56



Date: 24.DEC.2025 14:03:49



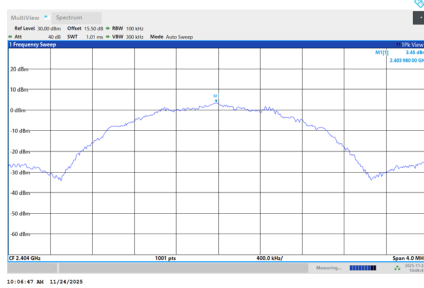
Date: 24.DEC.2025 14:05:44

Note: Output power = Measure result + Cable loss

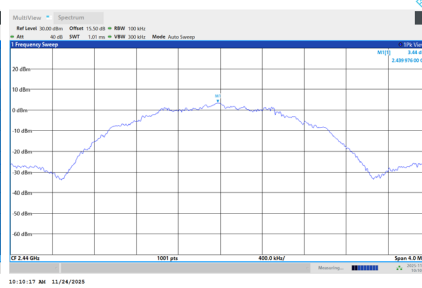
APPENDIX G - CONDUCTED SPURIOUS EMISSION

Test Mode TX Mode_2Mbps

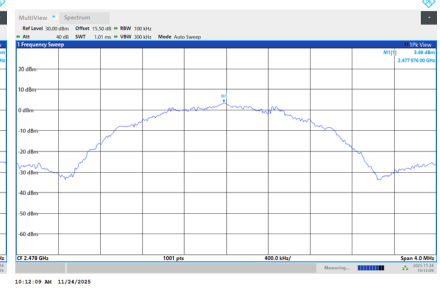
Reference Level-CH00



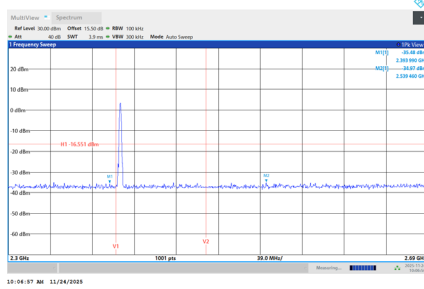
Reference Level-CH18



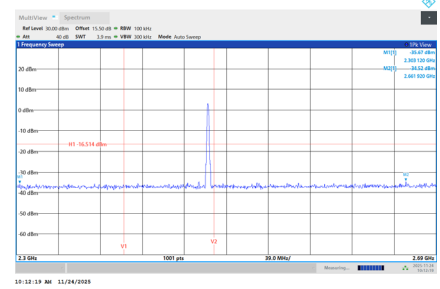
Reference Level-CH37



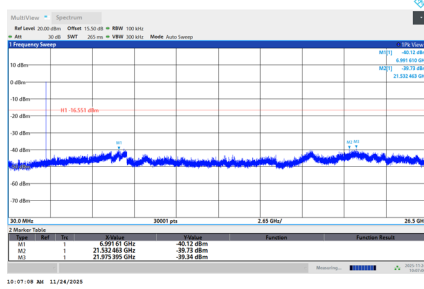
Bandedge-CH00



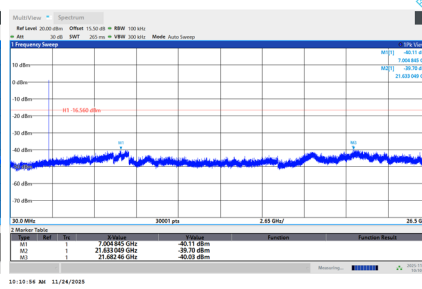
Bandedge-CH37



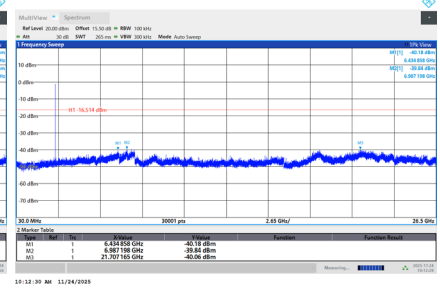
Harmonic-CH00



Harmonic-CH18

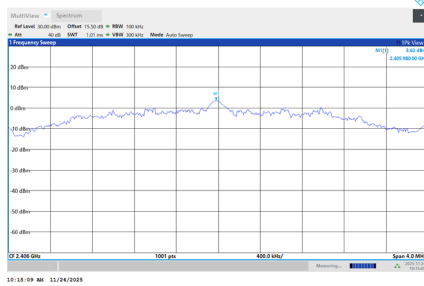


Harmonic-CH37

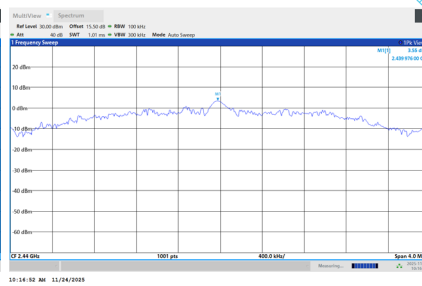


Test Mode TX Mode_4Mbps

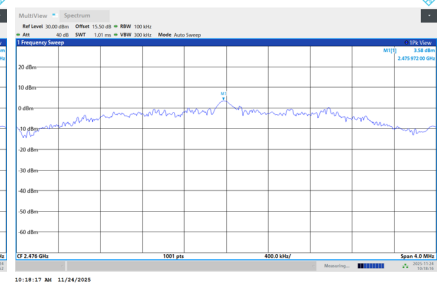
Reference Level-CH01



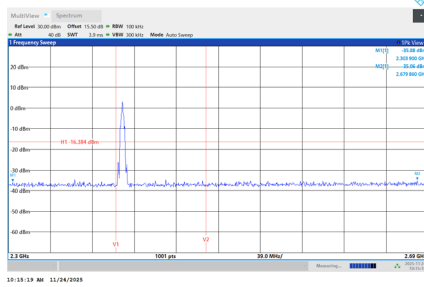
Reference Level-CH18



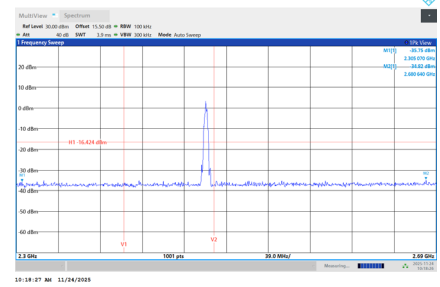
Reference Level-CH36



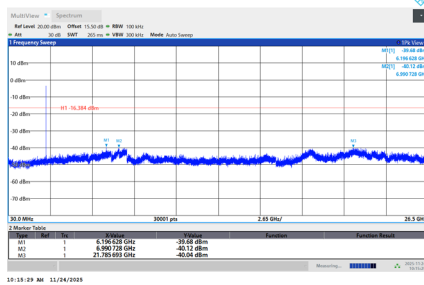
Bandedge-CH01



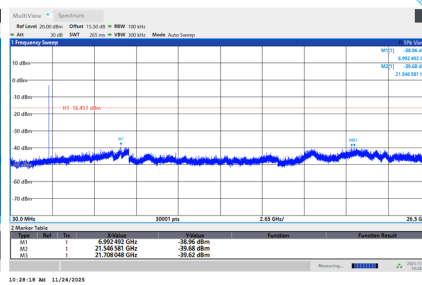
Bandedge-CH36



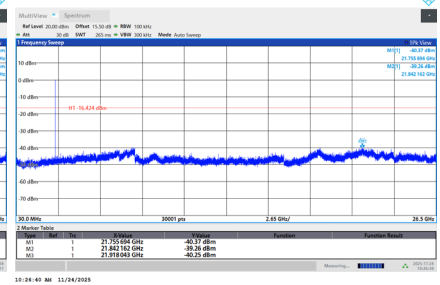
Harmonic-CH01



Harmonic-CH18



Harmonic-CH36

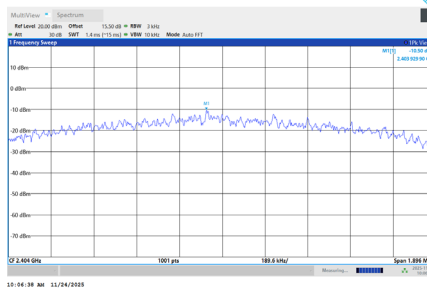


APPENDIX H - POWER SPECTRAL DENSITY

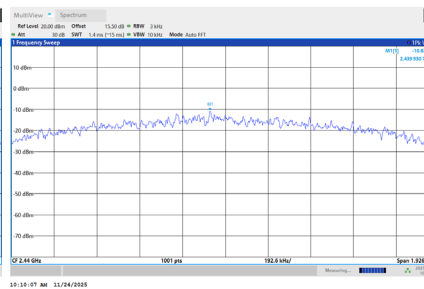
Test Mode	TX Mode_2Mbps
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Channel	Frequency (MHz)	Power Spectral Density (dBm/3 kHz)	Max. Limit (dBm/3 kHz)	Test Result
00	2404	-10.50	8.00	Pass
18	2440	-10.82	8.00	Pass
37	2478	-10.04	8.00	Pass

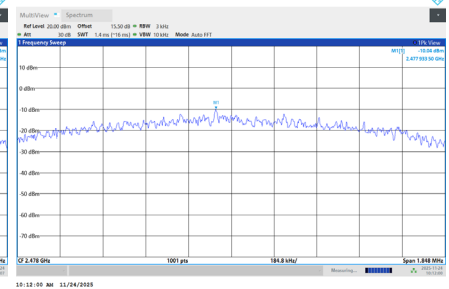
CH00



CH18



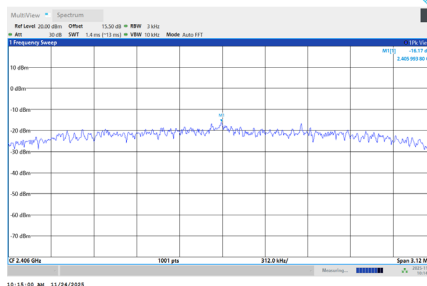
CH37



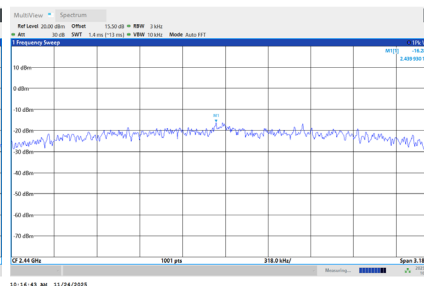
Test Mode	TX Mode_4Mbps
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Channel	Frequency (MHz)	Power Spectral Density (dBm/3 kHz)	Max. Limit (dBm/3 kHz)	Test Result
01	2406	-16.17	8.00	Pass
18	2440	-16.28	8.00	Pass
36	2476	-16.90	8.00	Pass

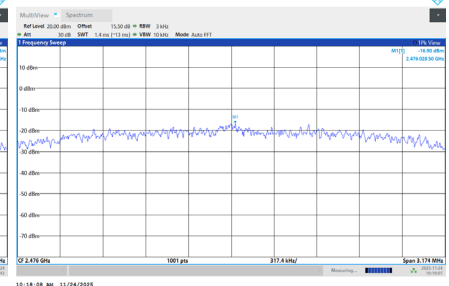
CH01



CH18



CH36



End of Test Report