



FCC Radio Test Report

FCC ID: 2AME8MT-15

This report concerns: Original Grant

Project No.	:	2508C306
Equipment	:	Mate Pro
Brand Name	:	Bond
Model Name	:	MT-1500
Applicant	:	olibra llc
Address	:	45 legion dr CRESSKILL, NJ 07626
Manufacturer	:	olibra llc
Address	:	45 legion dr CRESSKILL, NJ 07626
Factory	:	Chengdu Lelian Zhichuang Technology Co., Ltd.
Address	:	No. 1, 2nd Floor, Building 2, 15 Gaopeng Avenue, High-tech Zone, Chengdu, Sichuan Province
Date of Receipt	:	Aug. 08, 2025
Date of Test	:	Aug. 12, 2025 ~ Sep. 29, 2025
Issued Date	:	Nov. 13, 2025
Test Sample	:	Engineering Sample No.: DG920250808159 for radiated emissions, DG92025082822 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

•

Antony Liang

Approved by

■ ■

Chay Cai

No.3, Jinshagang 1st Road, Dalang, Dongguan, Guangdong People's Republic of China.

Tel: +86-769-8318-3000 Web: www.newbtl.com Service mail: btl_qa@newbtl.com

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	5
1 . APPLICABLE STANDARDS	6
2 . SUMMARY OF TEST RESULTS	6
2.1 TEST FACILITY	7
2.2 MEASUREMENT UNCERTAINTY	7
2.3 TEST ENVIRONMENT CONDITIONS	8
3 . GENERAL INFORMATION	9
3.1 GENERAL DESCRIPTION OF EUT	9
3.2 DESCRIPTION OF TEST MODES	11
3.3 DUTY CYCLE	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 EMISSION TEST	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 TEST	21
6.1 LIMIT	21
6.2 TEST PROCEDURE	21

Table of Contents	Page
6.3 DEVIATION FROM STANDARD	21
6.4 TEST SETUP	21
6.5 EUT OPERATION CONDITIONS	21
6.6 TEST RESULTS	21
7 . MEASUREMENT INSTRUMENTS LIST	22
8 . EUT TEST PHOTO	24
APPENDIX A - AC POWER LINE CONDUCTED EMISSIONS	30
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

REVISION HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-2-2508C306	R00	Original Report.	Nov. 06, 2025	Invalid
BTL-FCCP-2-2508C306	R01	This report updated the information of antenna in section 3.1 note 3. It is a revision of the report BTL-FCCP-2-2508C306 R00. This is a newly released report, replacing the BTL-FCCP-2-2508C306 R00 report.	Nov. 13, 2025	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

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(a)	AC Power Line Conducted Emissions	APPENDIX A	N/A	-----
15.209 15.249(a)	Radiated Emissions	APPENDIX B APPENDIX C APPENDIX D	PASS	-----
15.215(c)	Bandwidth	APPENDIX E	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 is at the location of 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% confidence level (based on a coverage factor ($k=2$))

The BTL measurement uncertainty as below table:

A. Radiated emissions test:

Test Site	Method	Measurement Frequency Range	U , (dB)
DG-CB03	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)
DGDLCB03 (3m)	CISPR	1GHz ~ 6GHz	4.16
		6GHz ~ 18GHz	4.74

Test Site	Method	Measurement Frequency Range	U , (dB)
DGDLCB03 (1m)	CISPR	18 ~ 26.5 GHz	5.46

B. Other Measurement:

Test Item	Uncertainty
Bandwidth	0.90 %
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
Radiated Emissions -9 kHz to 30 MHz	24°C	52%	DC 3V	Hayden Chen	Aug. 28, 2025
Radiated Emissions -30 MHz to 1000 MHz	22°C	53%	DC 3V	Calvin Wen	Sep. 05, 2025
Radiated Emissions -Above 1000 MHz	25°C	54%	DC 3V	Calvin Wen	Sep. 23, 2025
	22°C	53%	DC 3V	Calvin Wen	Sep. 05, 2025
Bandwidth	22°C	50%	DC 3V	Jayden Li	Sep. 26, 2025

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	Mate Pro
Brand Name	Bond
Test Model	MT-1500
Model Name	MT-1500
Model Difference(s)	N/A
Hardware Version	V1
Software Version	v4.23.13.1
Power Source	Supplied from AAA batteries.
Power Rating	DC 3V
Operation Frequency	2402 MHz ~ 2480 MHz
Modulation Type	GFSK
Bit Rate of Transmitter	1Mbps, 2Mbps
Max. Field Strength	85.00 dBμV/m(AVG) 100.00 dBμV/m(Peak)

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. Channel List:

Channel	Frequency (MHz)	Channel	Frequency (MHz)
00	2402	20	2442
01	2404	21	2444
02	2406	22	2446
03	2408	23	2448
04	2410	24	2450
05	2412	25	2452
06	2414	26	2454
07	2416	27	2456
08	2418	28	2458
09	2420	29	2460
10	2422	30	2462
11	2424	31	2464
12	2426	32	2466
13	2428	33	2468
14	2430	34	2470
15	2432	35	2472
16	2434	36	2474
17	2436	37	2476
18	2438	38	2478
19	2440	39	2480

3. Table for Filed Antenna:

Ant.	Manufacturer	P/N	Antenna Type	Connector	Gain (dBi)
1	Shenzhen Anwei Wireless Techonlogy Co. Ltd	AW006-Bond-022-A0	PIFA	N/A	2.25

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_1Mbps Channel 00/12/39
Mode 2	TX Mode_2Mbps Channel 00/12/39
Mode 3	TX Mode_1Mbps Channel 39

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

Radiated emissions test - Below 1GHz & Above 18GHz	
Final Test Mode	Description
Mode 3	TX Mode_1Mbps Channel 39

Radiated emissions test - 1 GHz - 18 GHz	
Final Test Mode	Description
Mode 1	TX Mode_1Mbps Channel 00/12/39
Mode 2	TX Mode_2Mbps Channel 00/12/39

Bandwidth test	
Final Test Mode	Description
Mode 1	TX Mode_1Mbps Channel 00/12/39
Mode 2	TX Mode_2Mbps Channel 00/12/39

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 radiated emission Harmonic 18-26.5GHz test, only tested the worst case and recorded.
- 3) For radiated emissions below 1 GHz test, the 1Mbps channel 39 is found to be 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 DUTY CYCLE

-	On Time (ms)	Total Time (ms)	Duty Cycle (%)
1Mbps	0.112	0.630	17.78
2Mbps	0.084	0.630	13.33

Average Reading = Peak Reading (dBuV/m) + 20log (Duty cycle)

1Mbps: Average Reading = Peak+20*log (Duty Cycle) = Peak-15.00

2Mbps: Average Reading = Peak+20*log (Duty Cycle) = Peak-17.50



Date: 26.SEP.2025 14:41:47



Date: 26.SEP.2025 14:43:55

3.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



3.5 SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Item	Equipment	Mfr/Brand	Model/Type No.	Series No.
-	-	-	-	-

Item	Cable Type	Shielded Type	Ferrite Core	Length
-	-	-	-	-

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. All 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.

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.

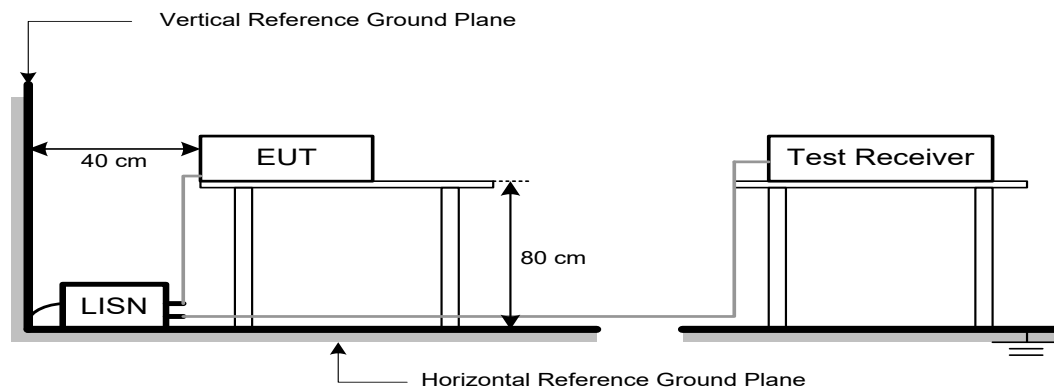
The following table is the setting of the receiver:

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 function (as a customer would normally use it), EUT was programmed to be in continuously transmitting data or hopping on mode.

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 EMISSION TEST

5.1 LIMIT

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)	(dBμV/m at 3 m)	
	Peak	Average
Above 1000	74	54

LIMITS OF FIELD STRENGTH OF FUNDAMENTAL

Frequency (MHz)	(dBμV/m at 3 m)	
	Peak	Average
2400 to 2483.5	114	94

Note:

- (1) The limit for radiated test was performed according to FCC CFR Title 47, Part 15, Subpart C.
- (2) Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in 15.209, whichever is the lesser attenuation.
- (3) Emission level (dBμV/m)=20log Emission level (μV/m).

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

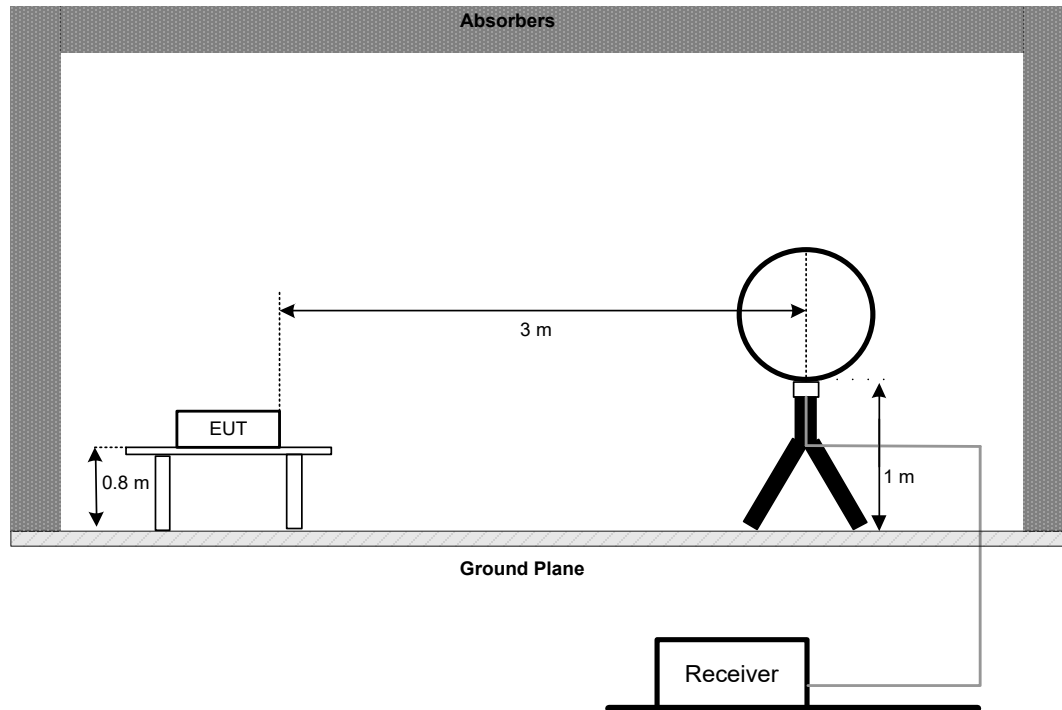
Spectrum Parameters	Setting
Start ~ Stop Frequency	9 kHz~90 kHz for PK/AVG detector
Start ~ Stop Frequency	90 kHz~110 kHz for QP detector
Start ~ Stop Frequency	110 kHz~490 kHz for PK/AVG detector
Start ~ Stop Frequency	490 kHz~30 MHz for QP detector
Start ~ Stop Frequency	30 MHz~1000 MHz for QP detector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

5.3 DEVIATION FROM TEST STANDARD

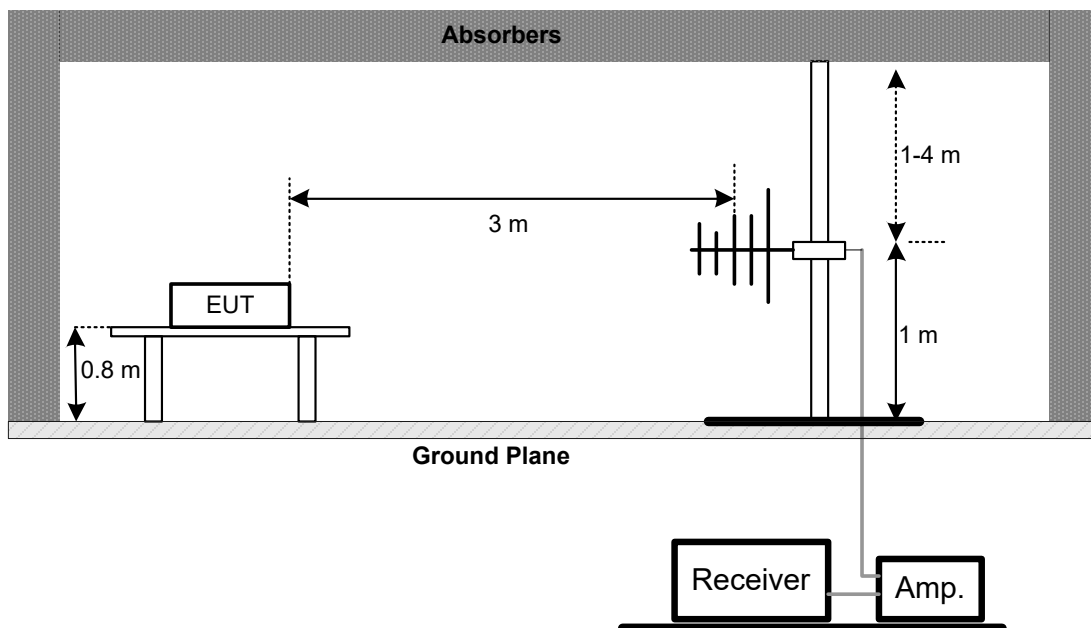
No deviation

5.4 TEST SETUP

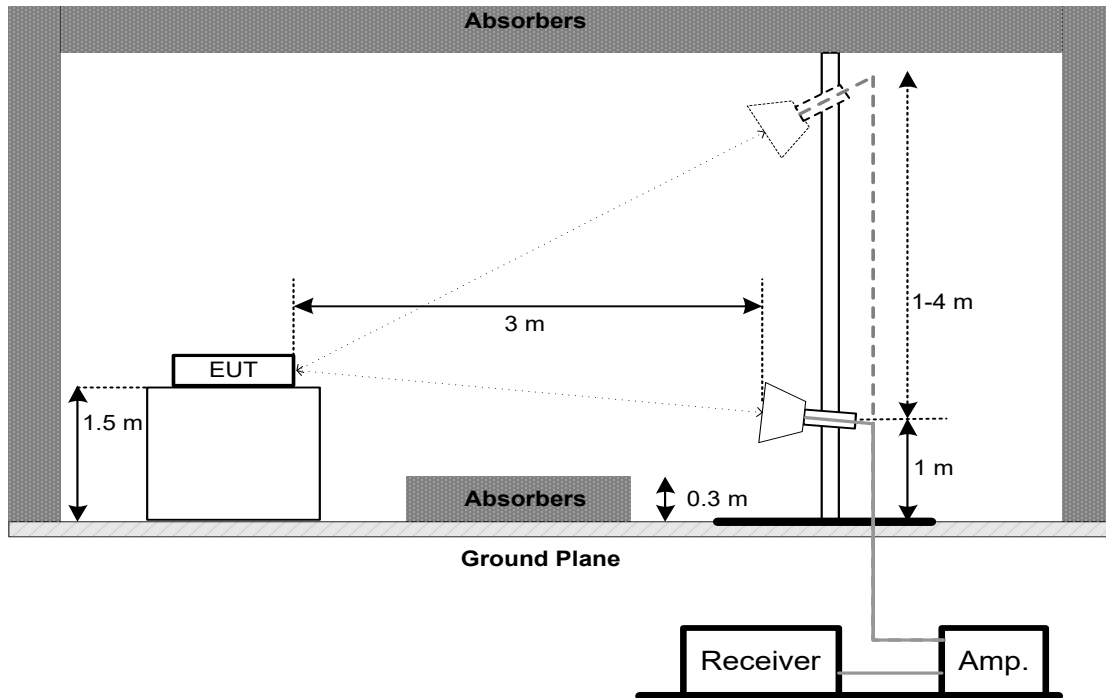
9 kHz to 30 MHz



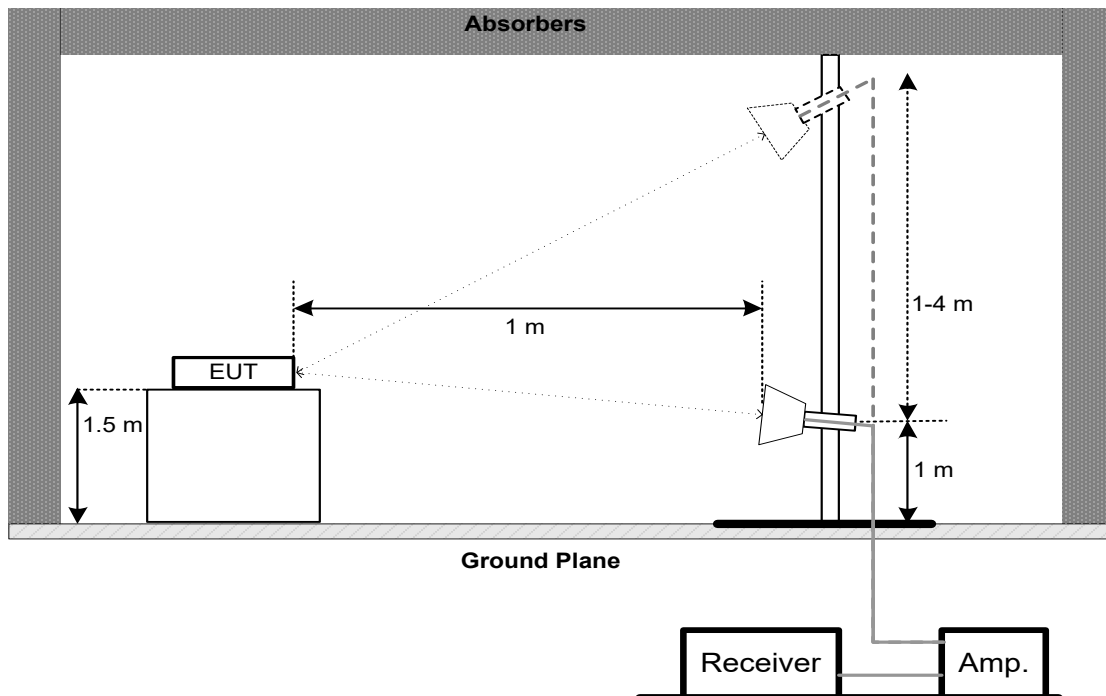
30 MHz to 1 GHz



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 TEST

6.1 LIMIT

Section	Test Item	Limit
15.215(c)	20 dB Bandwidth	-

6.2 TEST PROCEDURE

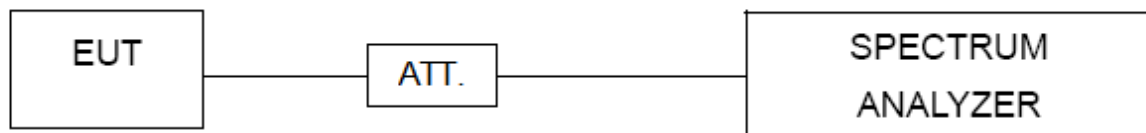
- The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
- The following table is the setting of the spectrum analyzer.

Spectrum Parameters	Setting
Span Frequency	Between 2 times and 5 times the BW
RBW	Range of 1% to 5% of the BW
VBW	Approximately 3 times RBW
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. MEASUREMENT INSTRUMENTS LIST

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 09, 2026

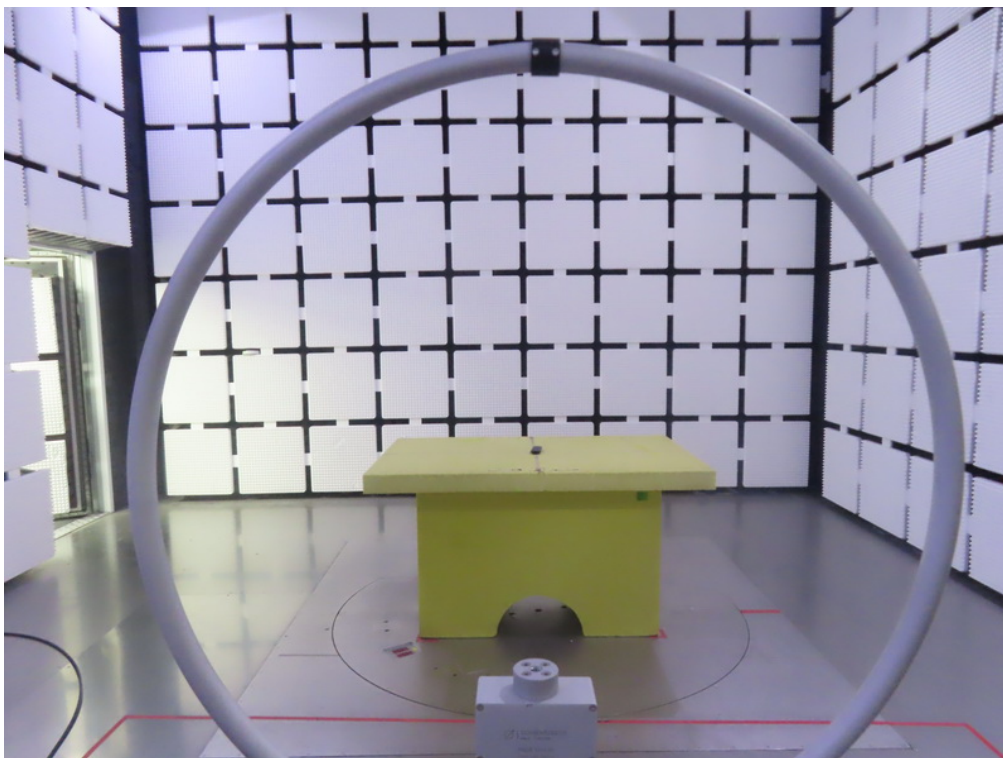
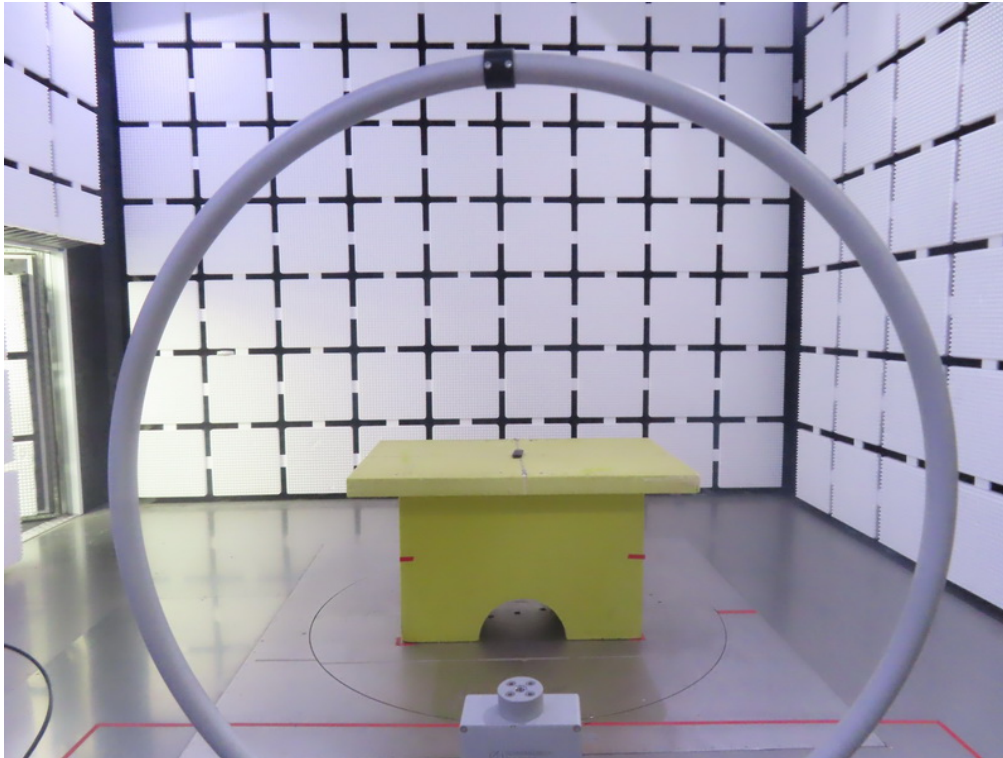
Radiated Emissions - 30 MHz to 1 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Trilog-Broadband Antenna	Schwarzbeck	VULB 9168	01462	Dec. 14, 2025
2	Attenuator	EMC INSTRUMENT	EMCI-N-6-06	AT-06009	Dec. 14, 2025
3	Preamplifier	EMC INSTRUMENT	EMC001330	980998	May 17, 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

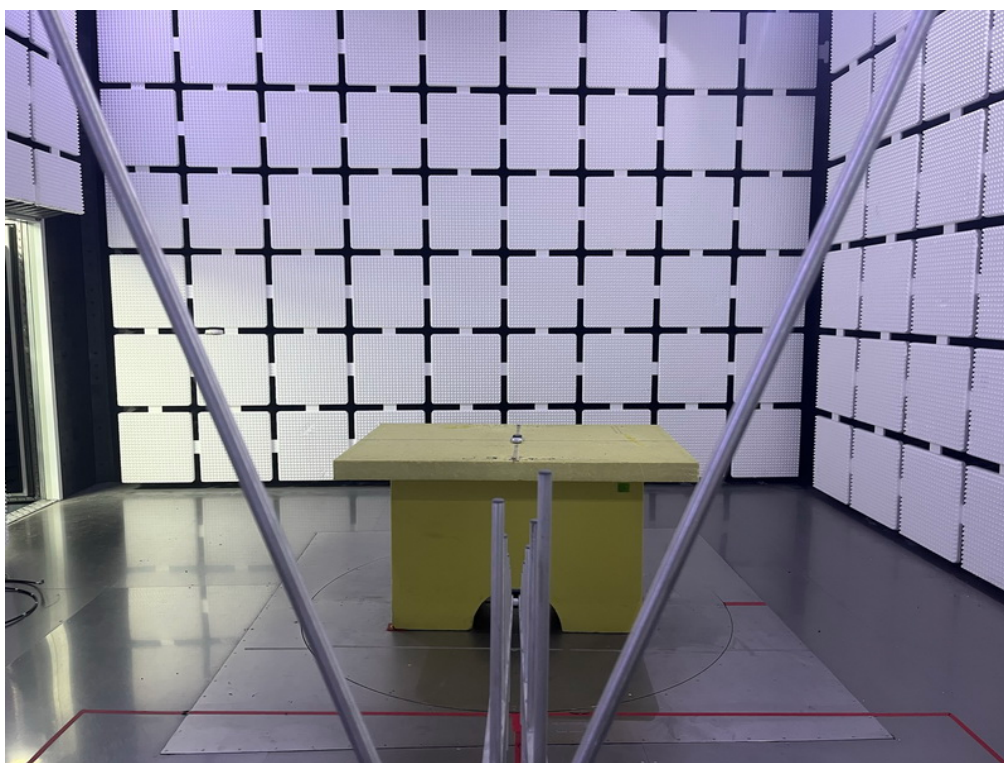
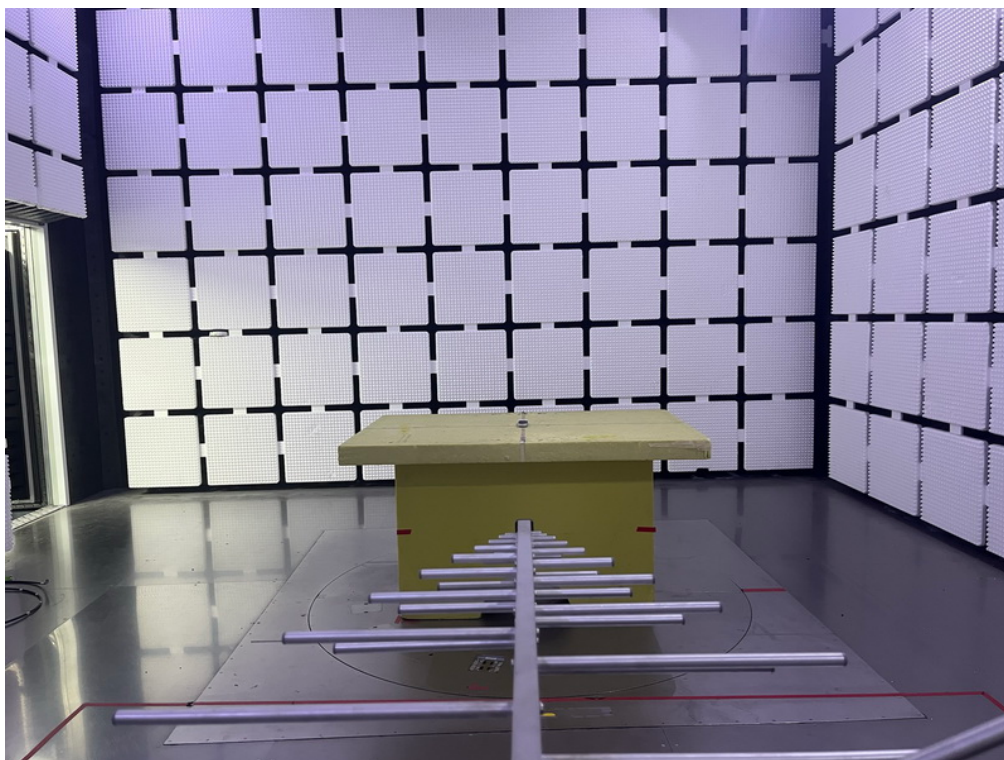
Radiated Emissions - Above 1 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Multi-Device Controller	ETS-Lindgren	N/A	N/A	N/A
2	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
3	966 Chamber room	CM	9*6*6	N/A	May 15, 2026
4	Cable	RegalWay	RWLP50-4.0A-SMS M-12.5M	N/A	Jun. 29, 2026
5	Cable	RegalWay	RWLP50-4.0A-NMR ASM-2.5M	N/A	Jun. 29, 2026
6	Cable	RegalWay	RWLP50-4.0A-NMR ASMRA-0.8M	N/A	Jun. 29, 2026
7	Receiver	Agilent	N9038A	MY52130039	Jan. 10, 2026
8	Double Ridged Guide Antenna	ETS	3115	75846	Mar. 02, 2026
9	Preamplifier	EMC INSTRUMENT	EMC118A45SE	980888	Oct. 29, 2025
10	Attenuator	Talent Microwave	TA10A2-S-18	N/A	N/A
11	Filter	STI	STI15-9912	N/A	May 27, 2026

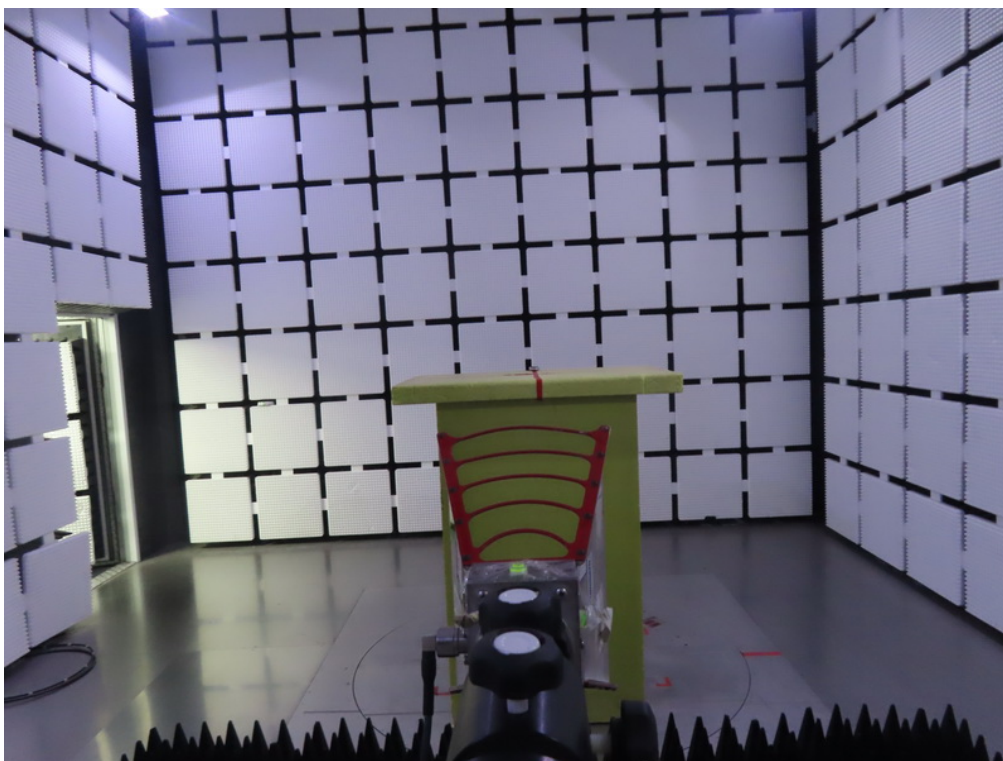
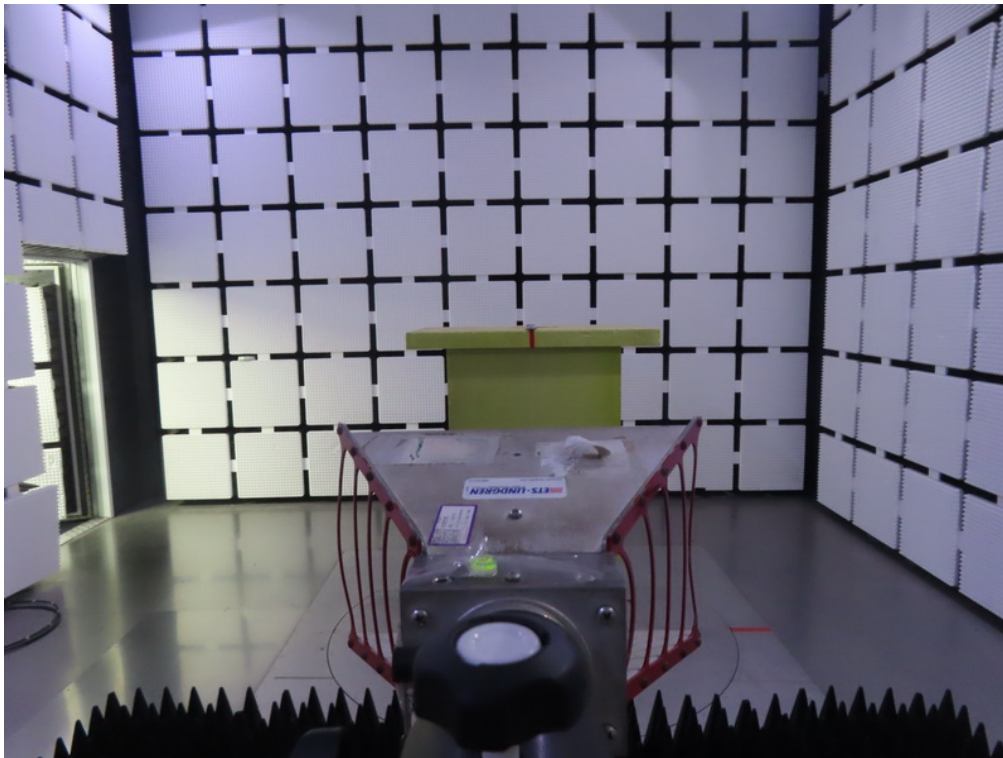
Bandwidth					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100185	May 17, 2026
2	CTA	BTL	CTA	N/A	N/A
3	Isolation attenuator	Z-Link	ASMA-16-18-2W	N/A	N/A

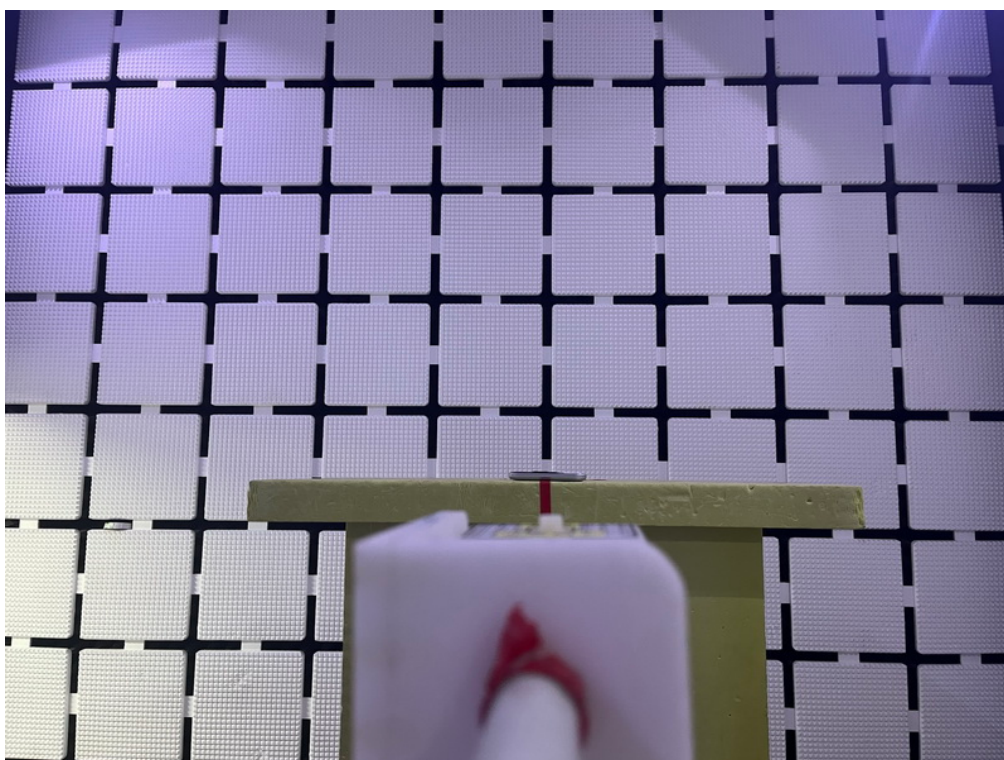
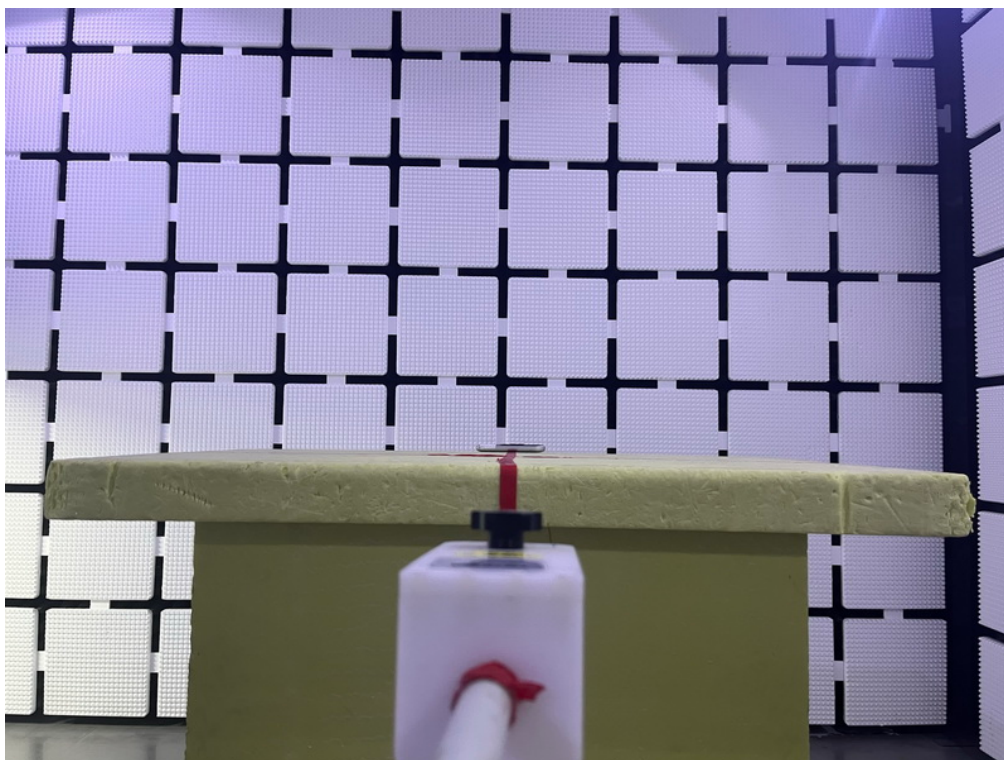
Remark "N/A" denotes no model name, serial no. or calibration specified.

All calibration period of equipment list is one year.

8. EUT TEST PHOTO**Radiated Emissions Test Photos****9 kHz to 30 MHz**

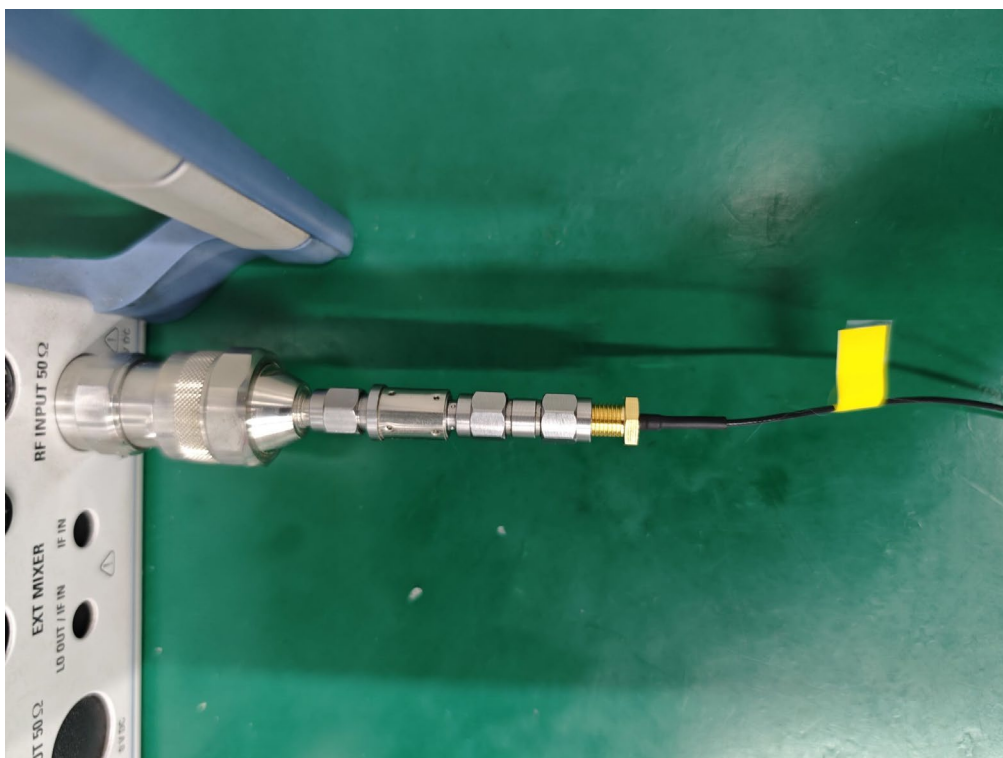
Radiated Emissions Test Photos**30 MHz to 1000 MHz**

Radiated Emissions Test Photos**Band edge & Harmonic(1 GHz to 18 GHz)**

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



Bandwidth Test Photos



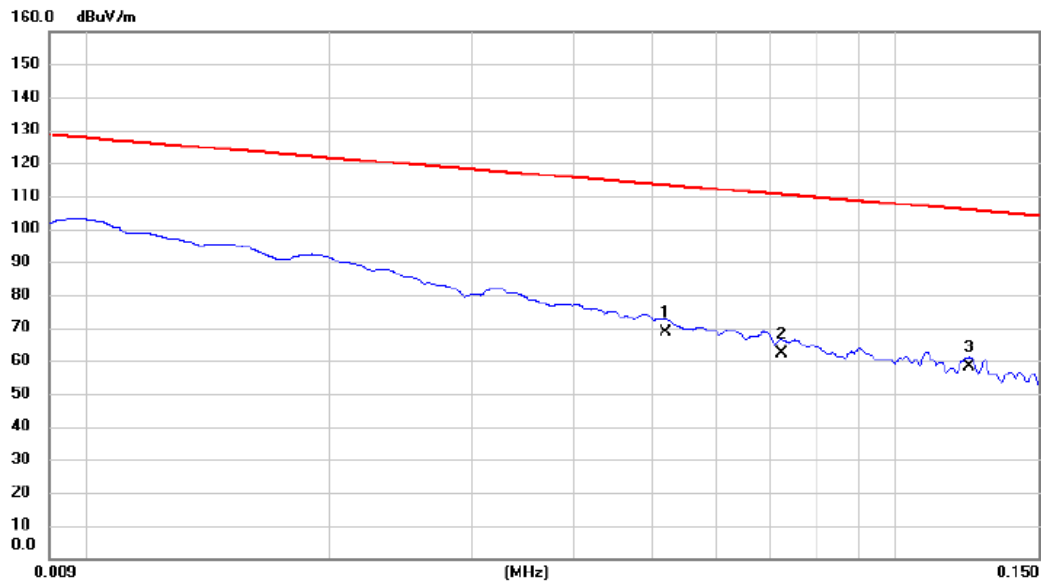
APPENDIX A - AC POWER LINE CONDUCTED EMISSIONS

Test Mode: N/A

Note: "N/A" denotes test is not applicable to this device.

APPENDIX B - RADIATED EMISSION - 9 KHZ TO 30 MHZ

Test Mode	TX Mode 2480 MHz_1Mbps	Polarization	Ant 0°
-----------	------------------------	--------------	--------



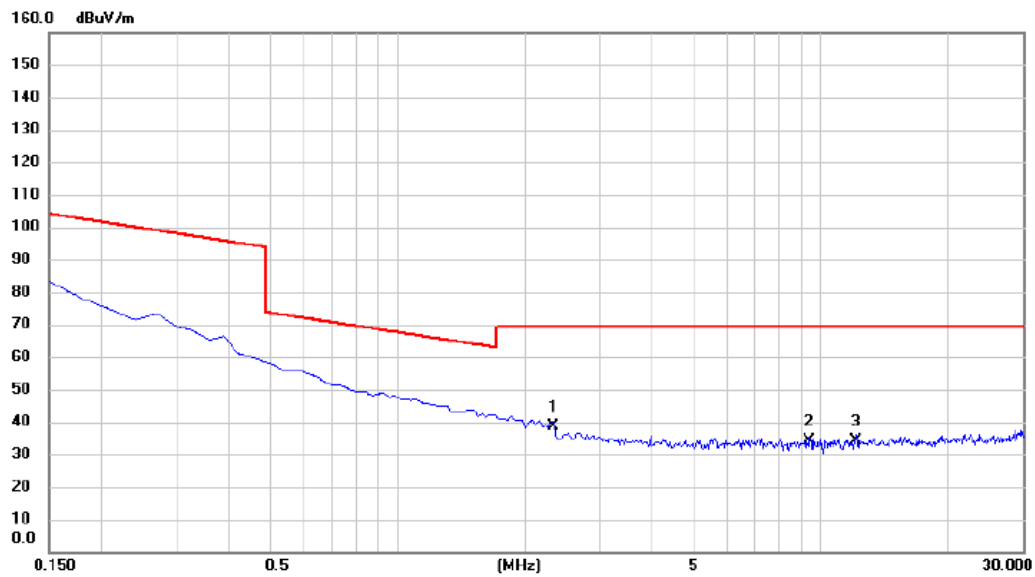
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.052	48.65	20.14	68.79	113.28	-44.49	AVG	
2		0.072	42.18	20.14	62.32	110.42	-48.10	AVG	
3		0.123	38.20	20.09	58.29	105.81	-47.52	AVG	

REMARKS:

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

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

Test Mode	TX Mode 2480 MHz_1Mbps	Polarization	Ant 0°
-----------	------------------------	--------------	--------



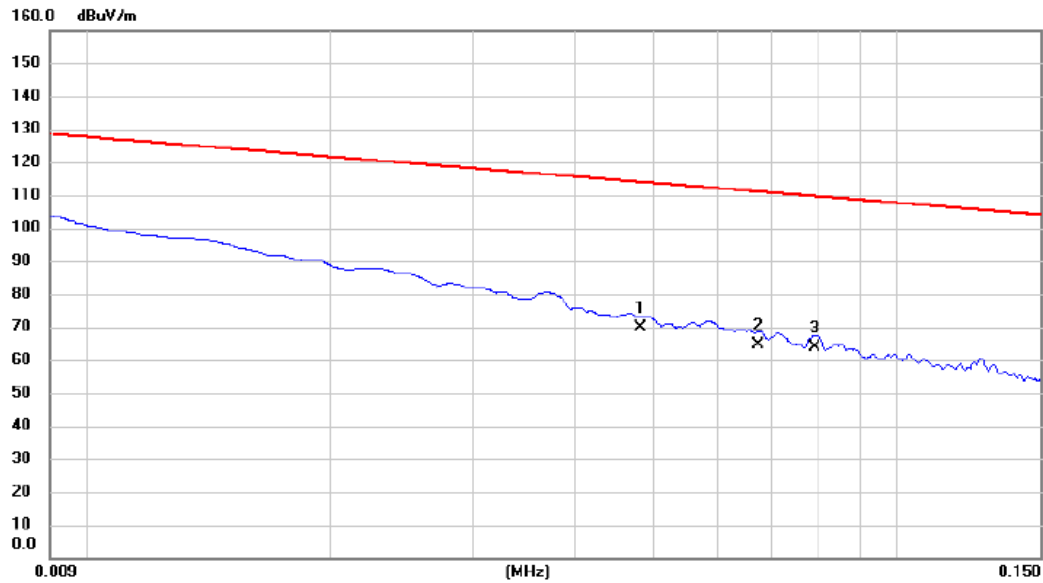
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	2.329	18.52	20.03	38.55	69.54	-30.99	QP	
2		9.403	13.67	20.44	34.11	69.54	-35.43	QP	
3		12.060	13.64	20.40	34.04	69.54	-35.50	QP	

REMARKS:

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

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

Test Mode	TX Mode 2480 MHz_1Mbps	Polarization	Ant 90°
-----------	------------------------	--------------	---------

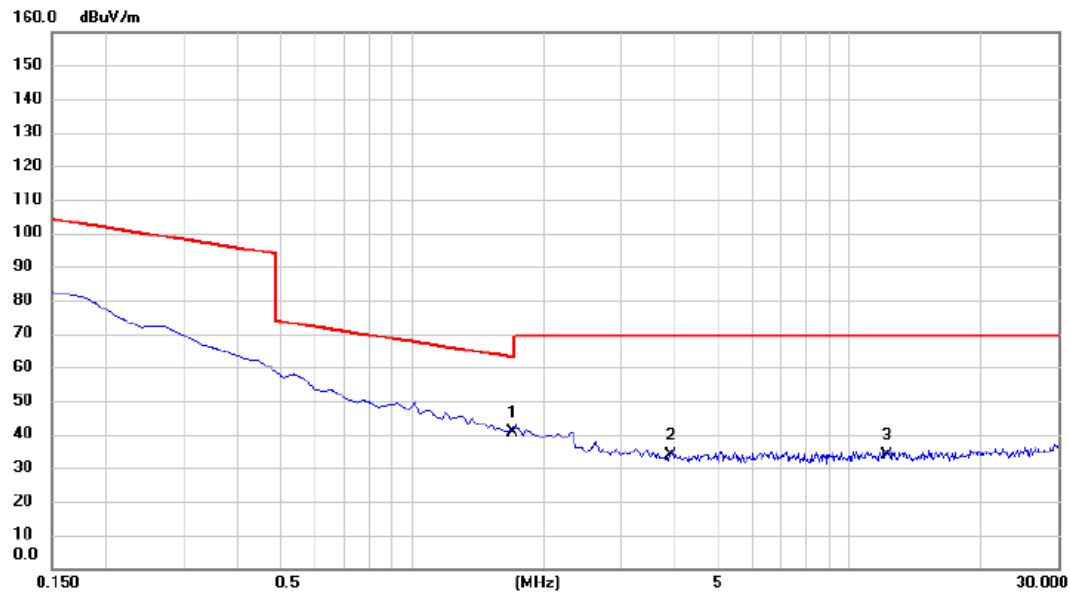


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector Comment
1	*	0.048	49.52	20.14	69.66	113.93	-44.27	AVG
2		0.067	44.56	20.14	64.70	111.03	-46.33	AVG
3		0.079	43.69	20.14	63.83	109.63	-45.80	AVG

REMARKS:

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

Test Mode	TX Mode 2480 MHz_1Mbps	Polarization	Ant 90°
-----------	------------------------	--------------	---------



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	1.702	20.63	20.01	40.64	62.98	-22.34	QP	
2	3.911	13.57	20.12	33.69	69.54	-35.85	QP	
3	12.150	13.44	20.40	33.84	69.54	-35.70	QP	

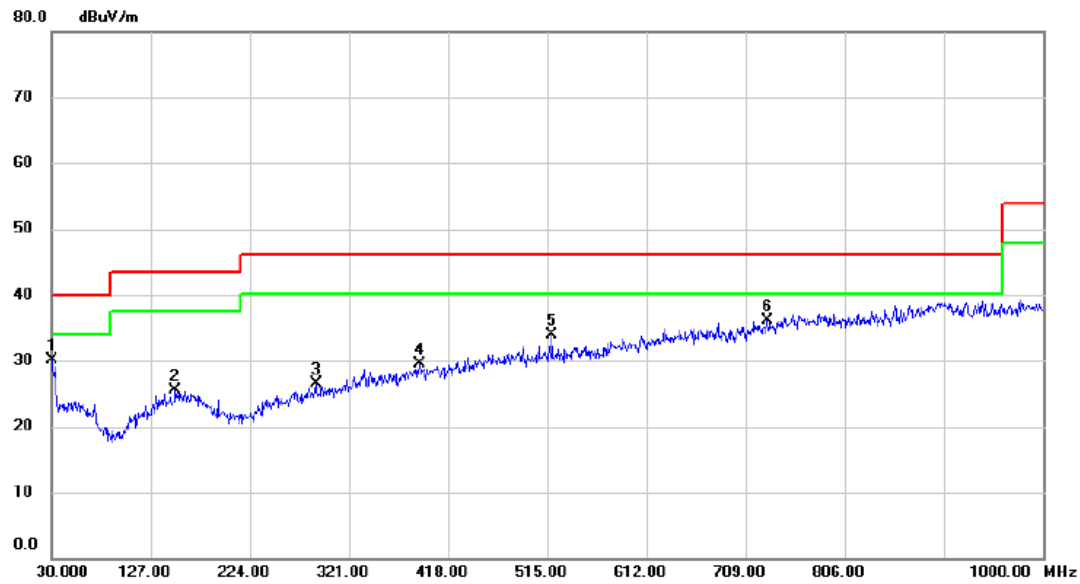
REMARKS:

(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 2480 MHz_1Mbps	Polarization	Vertical
-----------	------------------------	--------------	----------

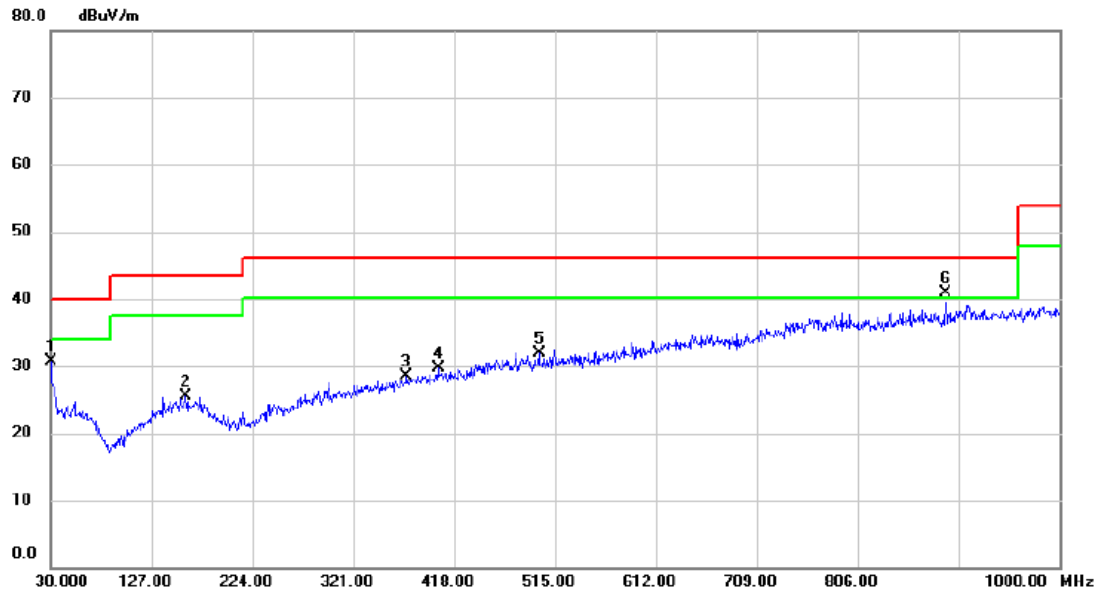


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	30.000	43.05	-12.92	30.13	40.00	-9.87	peak	
2		151.250	36.12	-10.62	25.50	43.52	-18.02	peak	
3		288.990	36.31	-9.86	26.45	46.02	-19.57	peak	
4		389.870	37.03	-7.54	29.49	46.02	-16.53	peak	
5		519.850	38.82	-4.91	33.91	46.02	-12.11	peak	
6		730.340	37.26	-1.16	36.10	46.02	-9.92	peak	

REMARKS:

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

Test Mode	TX Mode 2480 MHz_1Mbps	Polarization	Horizontal
-----------	------------------------	--------------	------------



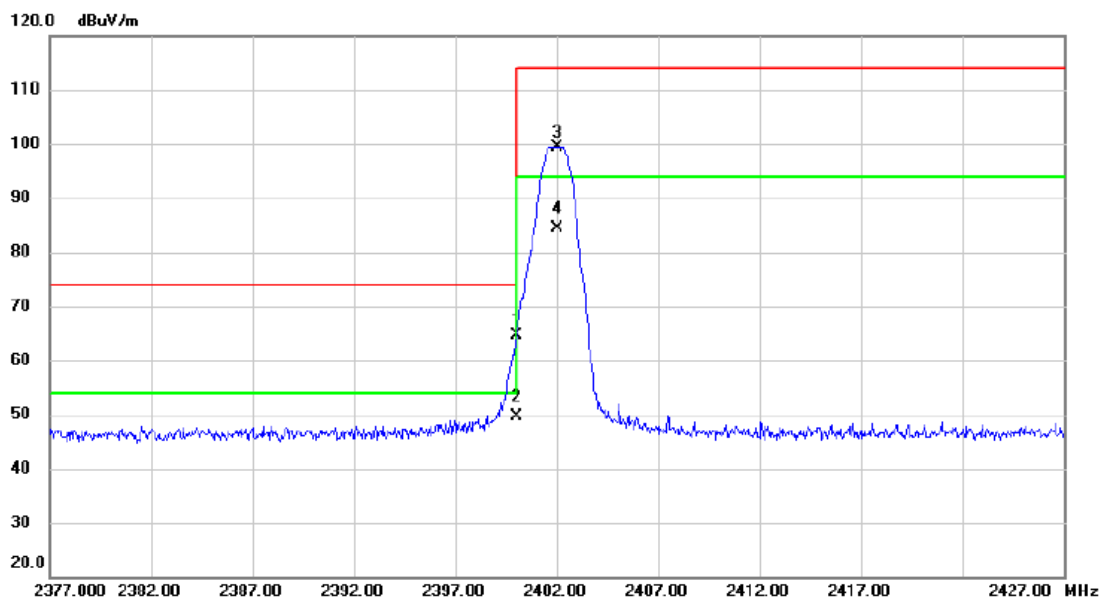
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		30.000	43.71	-12.92	30.79	40.00	-9.21	peak	
2		159.980	35.96	-10.53	25.43	43.52	-18.09	peak	
3		372.410	36.46	-7.99	28.47	46.02	-17.55	peak	
4		402.480	36.99	-7.31	29.68	46.02	-16.34	peak	
5		499.480	37.15	-5.27	31.88	46.02	-14.14	peak	
6	*	890.390	40.30	0.61	40.91	46.02	-5.11	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 2402 MHz_1Mbps	Polarization	Horizontal
-----------	------------------------	--------------	------------



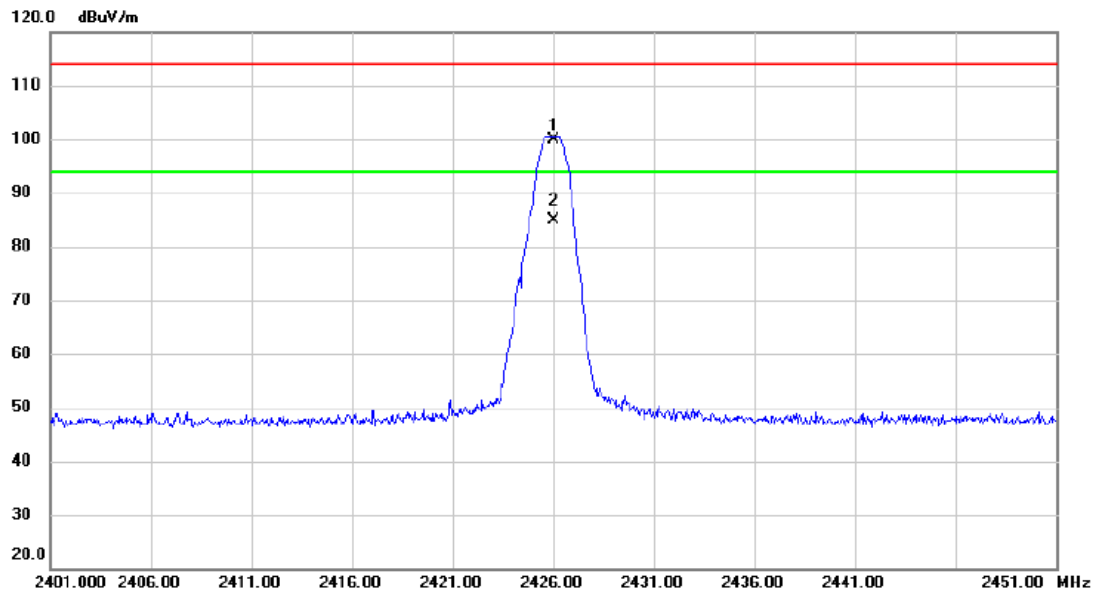
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2400.000	56.71	7.92	64.63	74.00	-9.37	peak	
2	*	2400.000	41.71	7.92	49.63	54.00	-4.37	AVG	
3		2402.000	91.55	7.92	99.47	114.00	-14.53	peak	
4		2402.000	76.55	7.92	84.47	94.00	-9.53	AVG	

REMARKS:

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

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

Test Mode	TX Mode 2426 MHz_1Mbps	Polarization	Horizontal
-----------	------------------------	--------------	------------



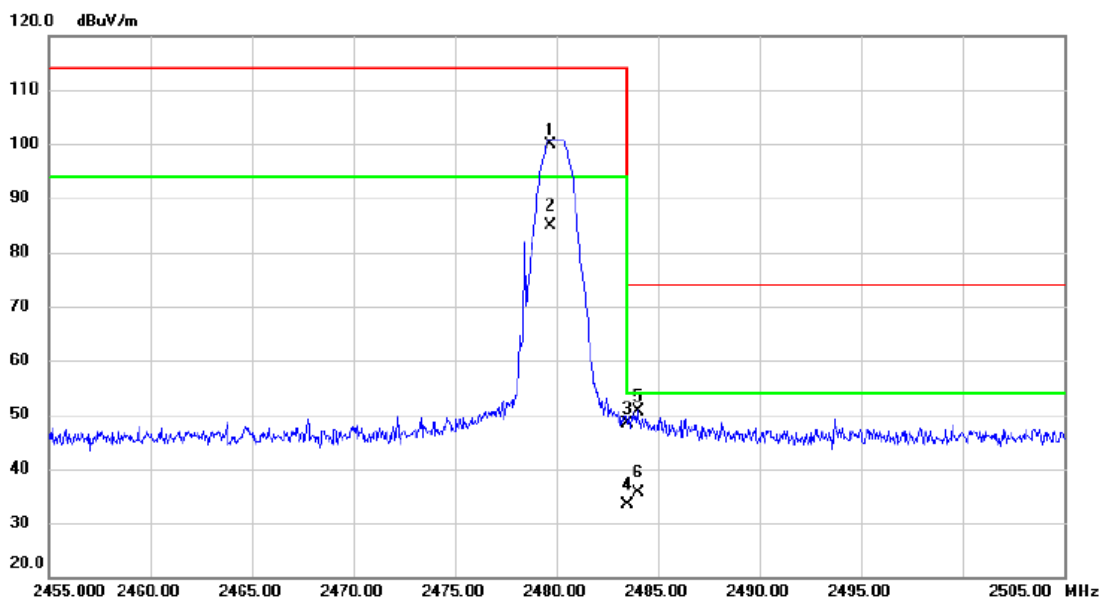
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2426.000	92.01	7.98	99.99	114.00	-14.01	peak	
2	*	2426.000	77.01	7.98	84.99	94.00	-9.01	AVG	

REMARKS:

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

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

Test Mode	TX Mode 2480 MHz_1Mbps	Polarization	Horizontal
-----------	------------------------	--------------	------------



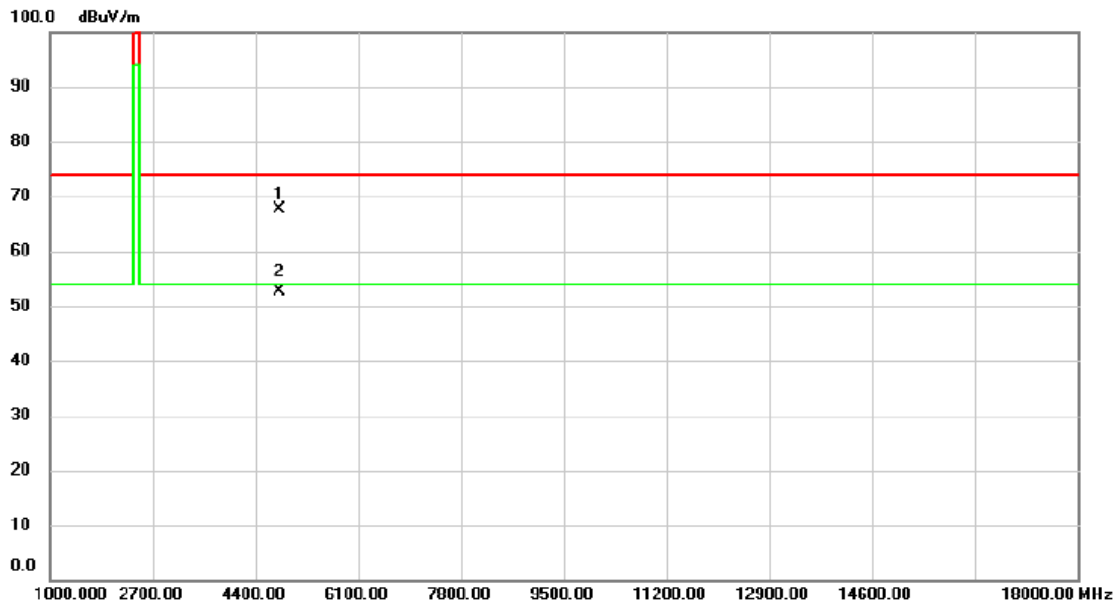
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2479.700	91.89	8.11	100.00	114.00	-14.00	peak	
2	*	2479.700	76.89	8.11	85.00	94.00	-9.00	AVG	
3		2483.500	40.16	8.11	48.27	74.00	-25.73	peak	
4		2483.500	25.16	8.11	33.27	54.00	-20.73	AVG	
5		2484.000	42.64	8.11	50.75	74.00	-23.25	peak	
6		2484.000	27.64	8.11	35.75	54.00	-18.25	AVG	

REMARKS:

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

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

Test Mode	TX Mode 2402 MHz_1Mbps	Polarization	Horizontal
-----------	------------------------	--------------	------------



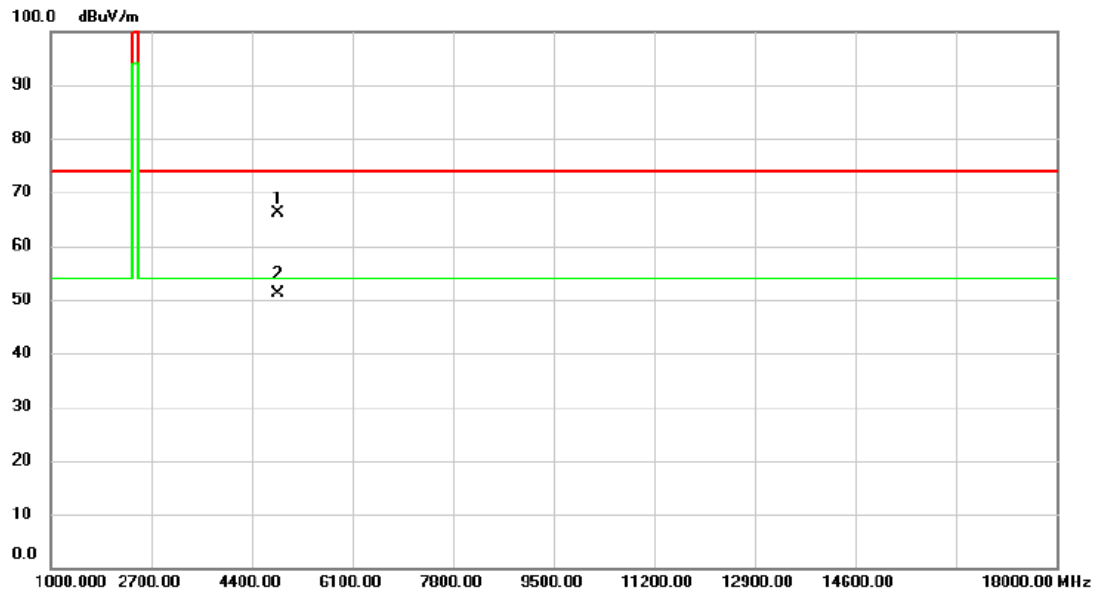
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4803.380	63.35	4.37	67.72	74.00	-6.28	peak	
2	*	4803.410	48.35	4.37	52.72	54.00	-1.28	AVG	

REMARKS:

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

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

Test Mode	TX Mode 2426 MHz_1Mbps	Polarization	Horizontal
-----------	------------------------	--------------	------------

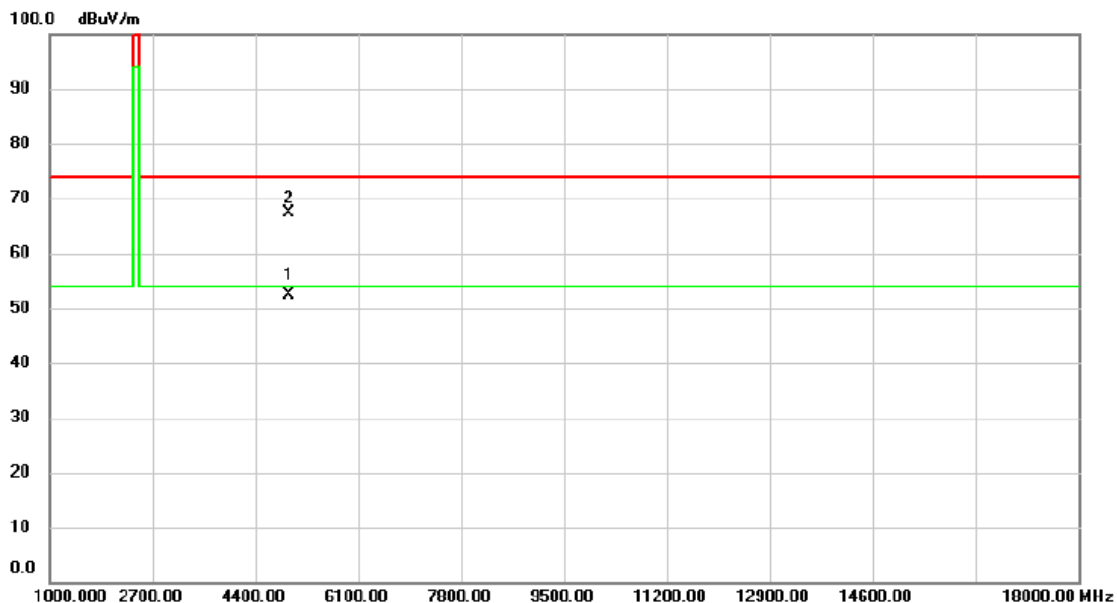


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		4851.950	61.83	4.39	66.22	74.00	-7.78	peak	
2	*	4852.420	46.83	4.39	51.22	54.00	-2.78	AVG	

REMARKS:

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

Test Mode	TX Mode 2480 MHz_1Mbps	Polarization	Horizontal
-----------	------------------------	--------------	------------



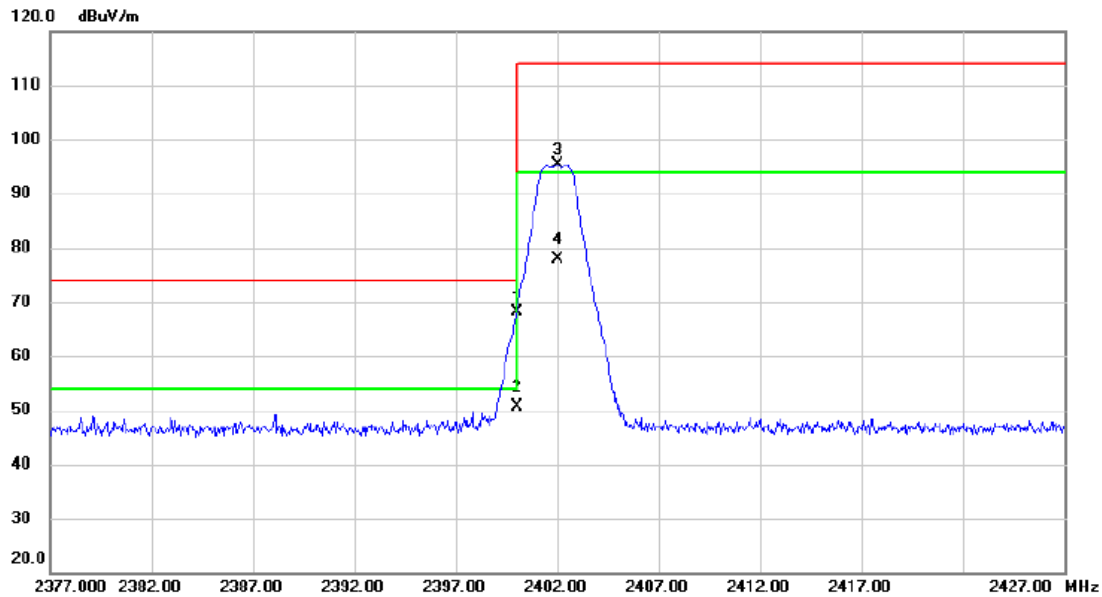
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	4960.395	47.94	4.44	52.38	54.00	-1.62	AVG	
2		4960.415	62.94	4.44	67.38	74.00	-6.62	peak	

REMARKS:

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

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

Test Mode	TX Mode 2402 MHz_2Mbps	Polarization	Horizontal
-----------	------------------------	--------------	------------

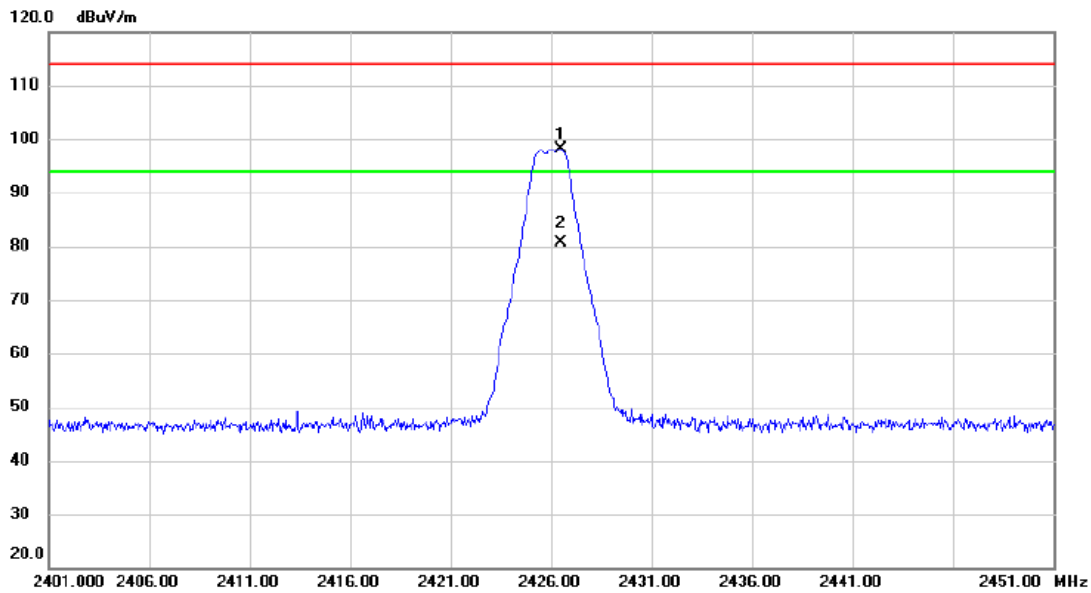


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2400.000	60.12	7.92	68.04	74.00	-5.96	peak	
2	*	2400.000	42.62	7.92	50.54	54.00	-3.46	AVG	
3		2402.000	87.39	7.92	95.31	114.00	-18.69	peak	
4		2402.000	69.89	7.92	77.81	94.00	-16.19	AVG	

REMARKS:

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

Test Mode	TX Mode 2426 MHz_2Mbps	Polarization	Horizontal
-----------	------------------------	--------------	------------



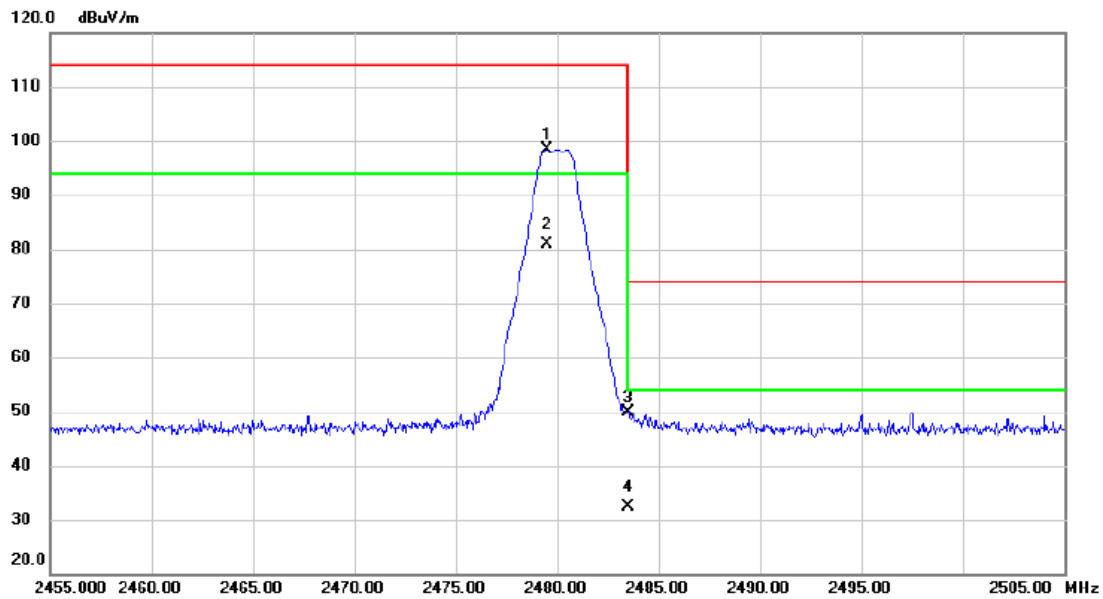
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2426.500	90.11	7.99	98.10	114.00	-15.90	peak	
2	*	2426.500	72.61	7.99	80.60	94.00	-13.40	AVG	

REMARKS:

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

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

Test Mode	TX Mode 2480 MHz_2Mbps	Polarization	Horizontal
-----------	------------------------	--------------	------------



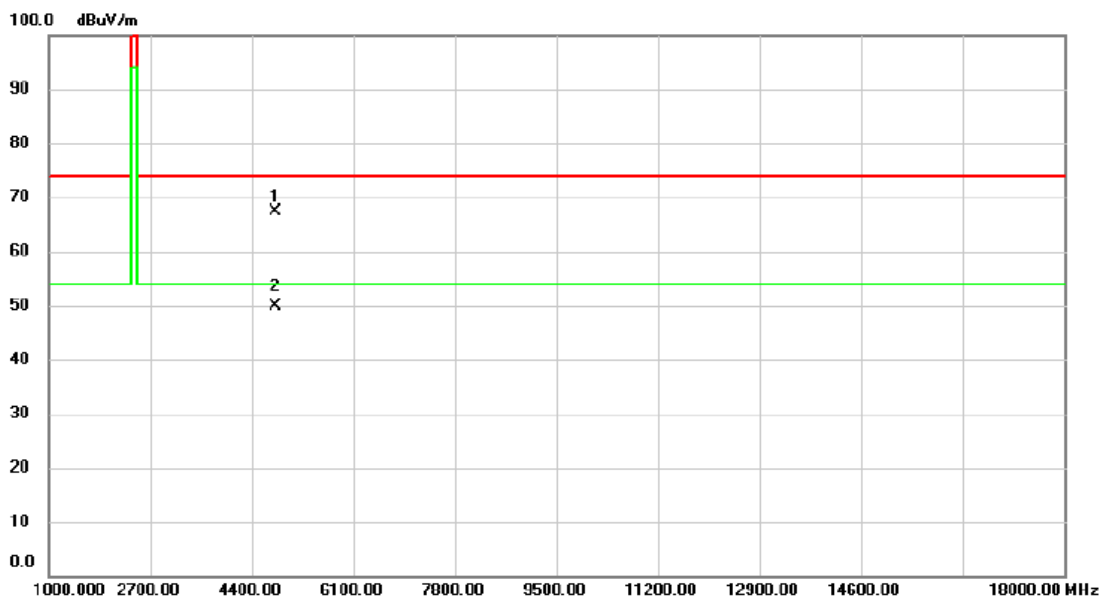
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2479.500	90.30	8.11	98.41	114.00	-15.59	peak	
2	*	2479.500	72.80	8.11	80.91	94.00	-13.09	AVG	
3		2483.500	41.73	8.11	49.84	74.00	-24.16	peak	
4		2483.500	24.23	8.11	32.34	54.00	-21.66	AVG	

REMARKS:

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

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

Test Mode	TX Mode 2402 MHz_2Mbps	Polarization	Horizontal
-----------	------------------------	--------------	------------



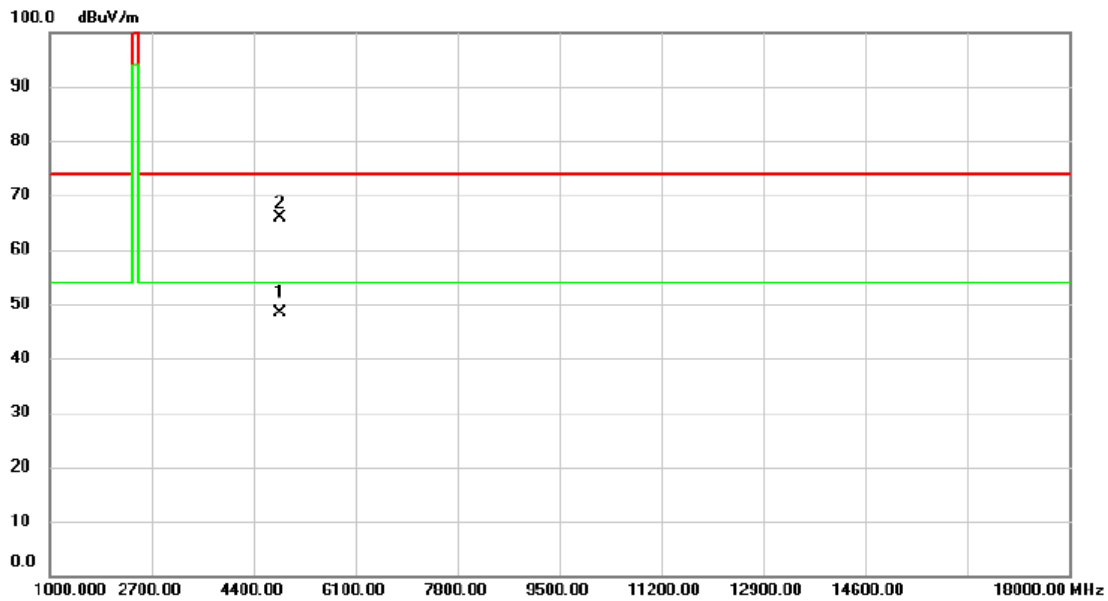
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		4802.920	62.96	4.36	67.32	74.00	-6.68	peak	
2	*	4802.940	45.46	4.36	49.82	54.00	-4.18	AVG	

REMARKS:

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

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

Test Mode	TX Mode 2426 MHz_2Mbps	Polarization	Horizontal
-----------	------------------------	--------------	------------

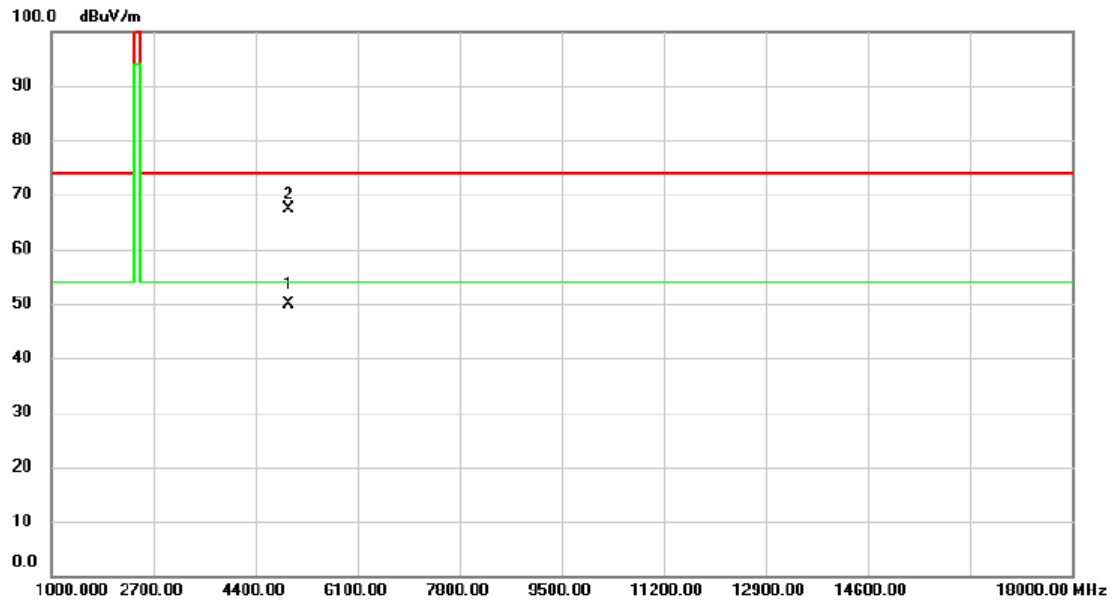


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	4851.940	43.93	4.39	48.32	54.00	-5.68	AVG	
2		4851.960	61.43	4.39	65.82	74.00	-8.18	peak	

REMARKS:

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

Test Mode	TX Mode 2480 MHz_2Mbps	Polarization	Horizontal
-----------	------------------------	--------------	------------



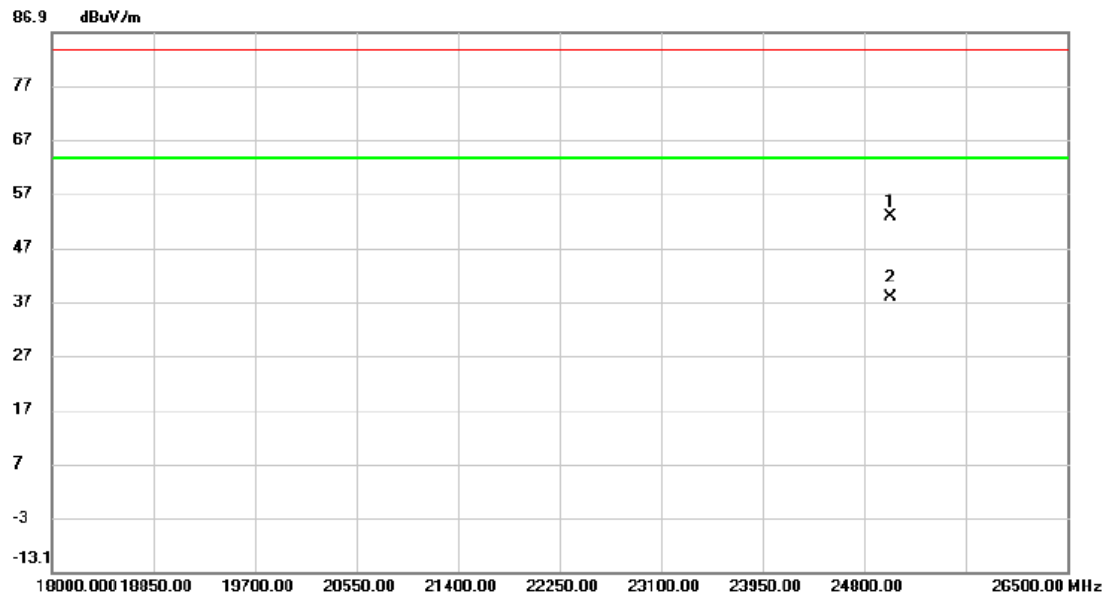
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	4960.825	45.45	4.44	49.89	54.00	-4.11	AVG	
2		4960.895	62.95	4.44	67.39	74.00	-6.61	peak	

REMARKS:

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

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

Test Mode	TX Mode 2480 MHz_1Mbps	Polarization	Vertical
-----------	------------------------	--------------	----------

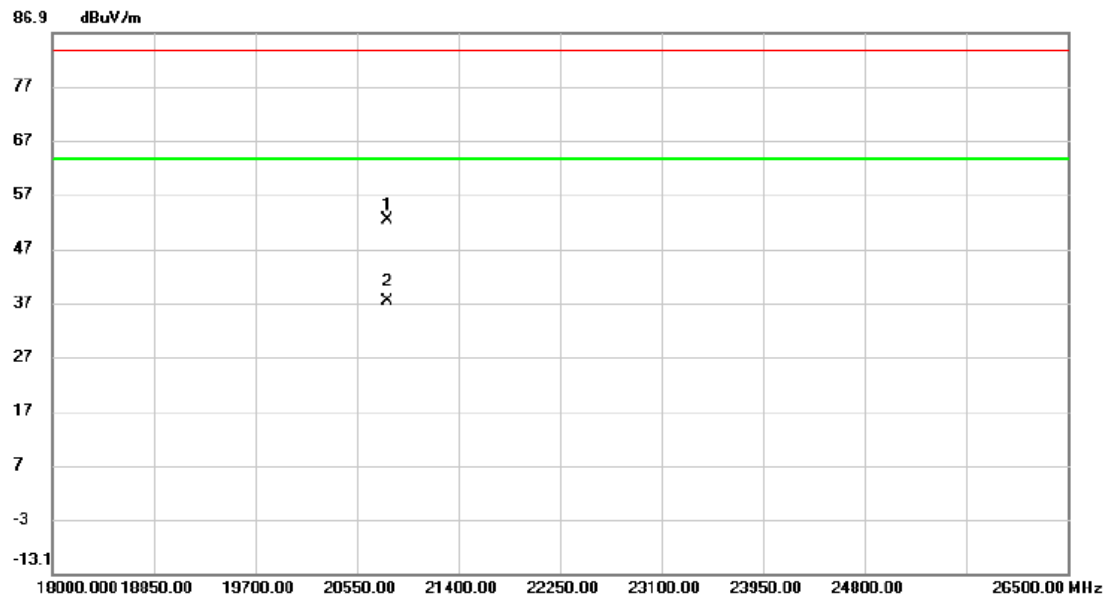


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		25021.000	48.43	4.31	52.74	83.50	-30.76	peak	
2	*	25021.000	33.43	4.31	37.74	63.50	-25.76	AVG	

REMARKS:

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

Test Mode	TX Mode 2480 MHz_1Mbps	Polarization	Horizontal
-----------	------------------------	--------------	------------



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		20805.000	51.33	0.87	52.20	83.50	-31.30	peak	
2	*	20805.000	36.33	0.87	37.20	63.50	-26.30	AVG	

REMARKS:

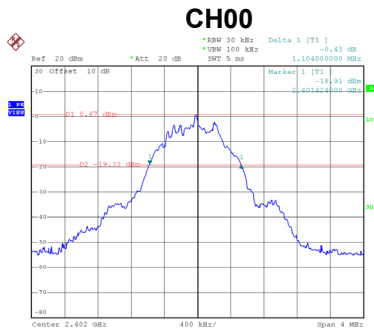
(1) Measurement Value = Reading Level + Correct Factor.

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

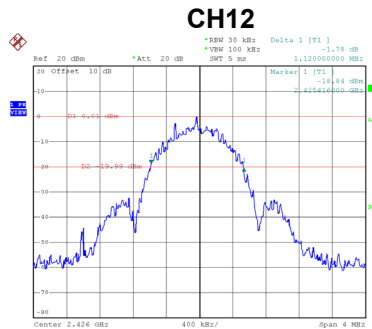
APPENDIX E - BANDWIDTH

Test Mode	TX Mode_1Mbps
-----------	---------------

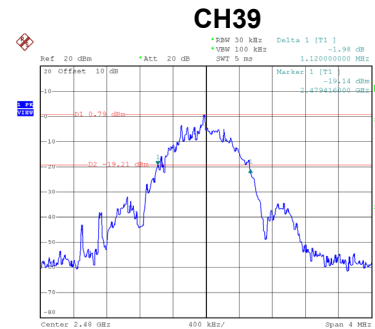
Test Channel	Test Frequency (MHz)	20 dB Bandwidth (MHz)	Result
00	2402	1.104	Pass
12	2426	1.120	Pass
39	2480	1.120	Pass



Date: 26.SEP.2025 14:30:36



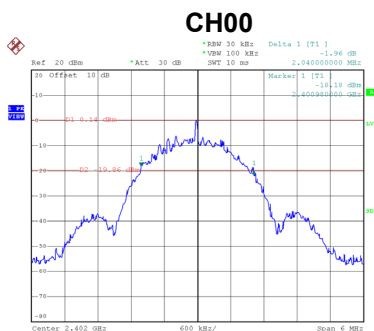
Date: 26.SEP.2025 14:34:37



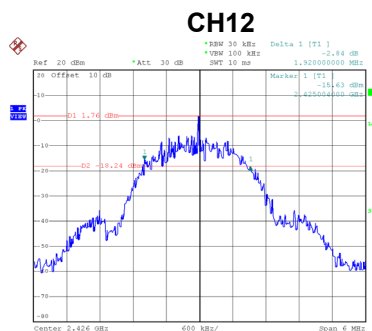
Date: 26.SEP.2025 14:37:28

Test Mode	TX Mode_2Mbps
-----------	---------------

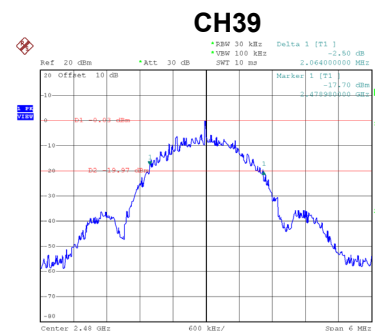
Test Channel	Test Frequency (MHz)	20 dB Bandwidth (MHz)	Result
00	2402	2.040	Pass
12	2426	1.920	Pass
39	2480	2.064	Pass



Date: 26.SEP.2025 14:49:23



Date: 26.SEP.2025 14:53:30



Date: 26.SEP.2025 14:56:22

End of Test Report