



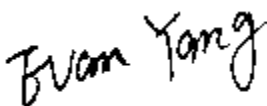
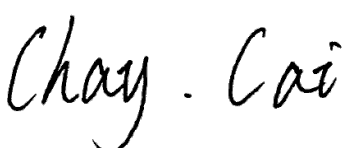
# FCC Radio Test Report

## FCC ID: 2ABVH-AX211D2W

This report concerns: Class II Permissive Change

<b>Project No.</b>	: 2505G007
<b>Equipment</b>	: Intel WIFI 6E AX211
<b>Brand Name</b>	: AAVA
<b>Test Model</b>	: AX211D2W
<b>Series Model</b>	: N/A
<b>Applicant</b>	: Aava Mobile Oy
<b>Address</b>	: Nahkatehtaankatu 2, FI-90130 Oulu, Finland
<b>Manufacturer</b>	: Aava Mobile Oy
<b>Address</b>	: Nahkatehtaankatu 2, FI-90130 Oulu, Finland
<b>Factory</b>	: Ennoconn (Suzhou) Technology Co.,Ltd
<b>Address</b>	: BUILDING 1, 299 NANSONG RD, YU SHAN TOWN KUNSHAN 215300 JIANGSU CHINA
<b>Date of Receipt</b>	: May 26, 2025
<b>Date of Test</b>	: May 29, 2025 ~ Jun. 25, 2025
<b>Issued Date</b>	: Jul. 15, 2025
<b>Report Version</b>	: R00
<b>Test Sample</b>	: Engineering Sample No.: DG2025052669
<b>Standard(s)</b>	: FCC CFR Title 47, Part 15, Subpart C

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

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<b>Approved by</b>	:	 Chay Cai

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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.

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**REVISION HISTORY**

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-1-2505G007	R00	Original Report.	Jul. 15, 2025	Valid

## 1. APPLICABLE STANDARDS

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

ANSI C63.10-2013

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

KDB 558074 D01 15.247 Meas Guidance v05r02

## 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 Emission	APPENDIX B APPENDIX C APPENDIX D	PASS	-----

Note:

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

(2) This is to request a Class II permissive change for FCC ID: 2ABVH-AX211D2W (This FCC ID is change ID based on Intel Mobile Communications, the original application information follow as model: AX211D2W, FCC ID: PD9AX211D2, approved on 02/26/2021)

The major change filed under this application is:

Change #1: Implementation in new platform (Model number: INARI-D-8-WIG-1 Product name: Tablet)

Since the RF module has been certificated, after evaluation, above test items were criticized with original worst case and reconfirmed in this report.

## 2.1 TEST FACILITY

**For Radiated Emissions 1-18GHz Item:** 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 test:

Test Site	Method	Measurement Frequency Range	U,(dB)
DG-C02	CISPR	150kHz ~ 30MHz	2.88

### B. Radiated emissions test:

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

Test Site	Method	Measurement Frequency Range	Ant. H / V	U,(dB)
DG-CB03 (3m)	CISPR	30MHz ~ 200MHz	V	4.40
		30MHz ~ 200MHz	H	3.62
		200MHz ~ 1,000MHz	V	4.58
		200MHz ~ 1,000MHz	H	3.98

Test Site	Method	Measurement Frequency Range	U,(dB)
DG-CB19 (3m)	CISPR	1GHz ~ 6GHz	4.48
		6GHz ~ 18GHz	3.88

Test Site	Method	Measurement Frequency Range	U,(dB)
DG-CB03 (1m)	CISPR	18 ~ 26.5 GHz	3.36
		26.5 ~ 40 GHz	3.58

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

## 2.3 TEST ENVIRONMENT CONDITIONS

Test Item	Temperature	Humidity	Test Voltage	Tested By	Test Date
AC Power Line Conducted Emissions	23°C	53%	AC 120V/60Hz	Hayden Chen	Jun. 25, 2025
Radiated Emissions -9 kHz to 30 MHz	22°C	48%	AC 120V/60Hz	Hayden Chen	Jun. 09, 2025
Radiated Emissions -30 MHz to 1000 MHz	23°C	42%	AC 120V/60Hz	Calvin Wen	Jun. 09, 2025
Radiated Emissions -Above 1000 MHz	22°C	47%	AC 120V/60Hz	Jensen Zhou	Jun. 14, 2025
	25°C	56%	AC 120V/60Hz	Calvin Wen	Jun. 25, 2025

### 3. GENERAL INFORMATION

#### 3.1 GENERAL DESCRIPTION OF EUT

Equipment	Intel WIFI 6E AX211
Brand Name	AAVA
Test Model	AX211D2W
Series Model	N/A
Model Difference(s)	N/A
Power Supply Rating	DC 3.3V from host equipment
Platform information	
Equipment	Tablet
Brand Name	AAVA
Test Model	INARI-D-8-WIG-1
Series Model	N/A
Model Difference(s)	N/A
Hardware Version	EV
Software Version	Windows
Power Source	1# DC voltage supplied from AC adapter. Brand / Model: PHIHONG / AQ27A-59CFA 2# Battery supplied. Model: AMME5350 3# Supplied from USB-C port.
Power Rating	1# I/P: 100-240V~ 50-60Hz 0.8A O/P: 5V $\equiv$ 3A, 9V $\equiv$ 3A, 12V $\equiv$ 2.25A, 15V $\equiv$ 1.8A 27W 2# 7.74Vdc, 3500 mAh 3# 9V 3A
WIFI+BT Module	Intel WIFI 6E AX211 / AX211D2W
Operation Frequency	2402 MHz ~ 2480 MHz
Modulation Type	GFSK, $\pi/4$ -DQPSK, 8-DPSK
Bit Rate of Transmitter	1Mbps, 2Mbps, 3Mbps


Note:

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

## 2. Channel List:

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
00	2402	27	2429	54	2456
01	2403	28	2430	55	2457
02	2404	29	2431	56	2458
03	2405	30	2432	57	2459
04	2406	31	2433	58	2460
05	2407	32	2434	59	2461
06	2408	33	2435	60	2462
07	2409	34	2436	61	2463
08	2410	35	2437	62	2464
09	2411	36	2438	63	2465
10	2412	37	2439	64	2466
11	2413	38	2440	65	2467
12	2414	39	2441	66	2468
13	2415	40	2442	67	2469
14	2416	41	2443	68	2470
15	2417	42	2444	69	2471
16	2418	43	2445	70	2472
17	2419	44	2446	71	2473
18	2420	45	2447	72	2474
19	2421	46	2448	73	2475
20	2422	47	2449	74	2476
21	2423	48	2450	75	2477
22	2424	49	2451	76	2478
23	2425	50	2452	77	2479
24	2426	51	2453	78	2480
25	2427	52	2454		
26	2428	53	2455		

## 3. Table for Filed Antenna:

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1		INARI-D-8-WIG-1	Chip	N/A	1.1

### 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 78

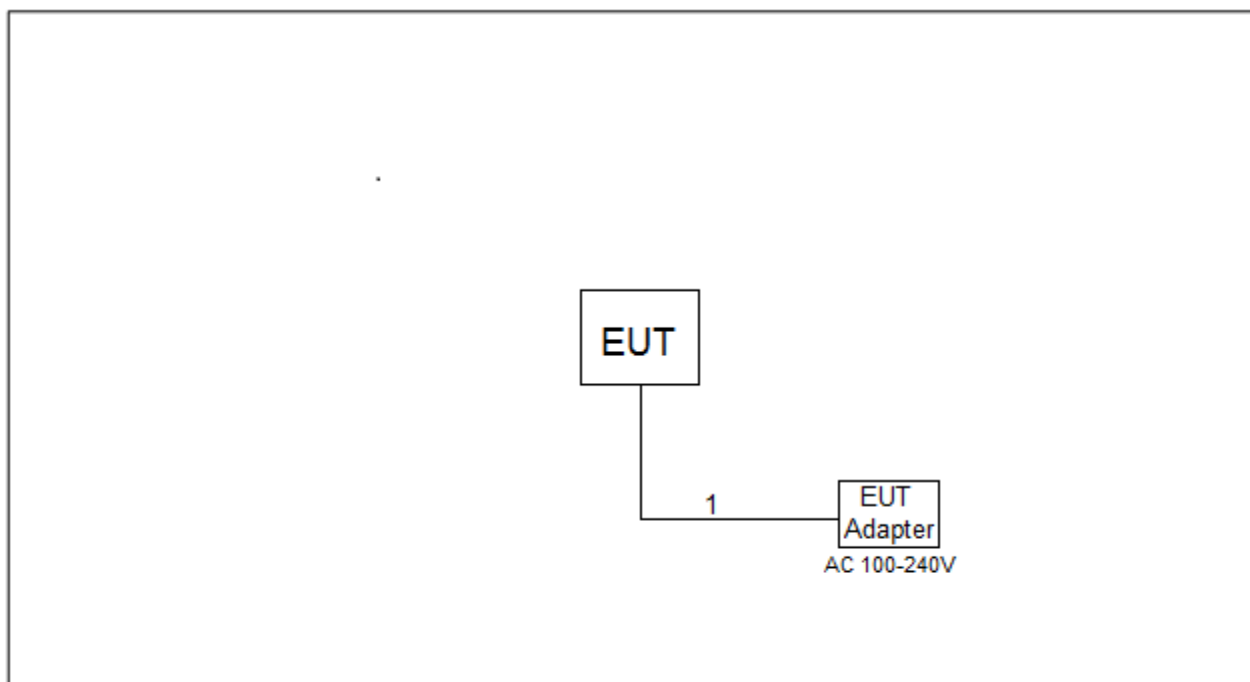
Following mode(s) was (were) found to be the worst case(s) and selected for the final test.

AC power line conducted emissions test	
Final Test Mode	Description
Mode 1	TX Mode_1Mbps Channel 78

Radiated emissions test - Below 1GHz & Above 18 GHz	
Final Test Mode	Description
Mode 1	TX Mode_1Mbps Channel 78

Radiated emissions test - 1 GHz - 18 GHz	
Final Test Mode	Description
Mode 1	TX Mode_1Mbps Channel 78

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



### 3.4 SUPPORT UNITS

Item	Equipment	Brand	Model No.	Series No.
-	-	-	-	-

Item	Cable Type	Shielded Type	Ferrite Core	Length
1	DC Cable	NO	NO	1.2m

### 3.5 CUSTOMER INFORMATION DESCRIPTION

- 1) The antenna gain is provided by the manufacturer.

## 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.

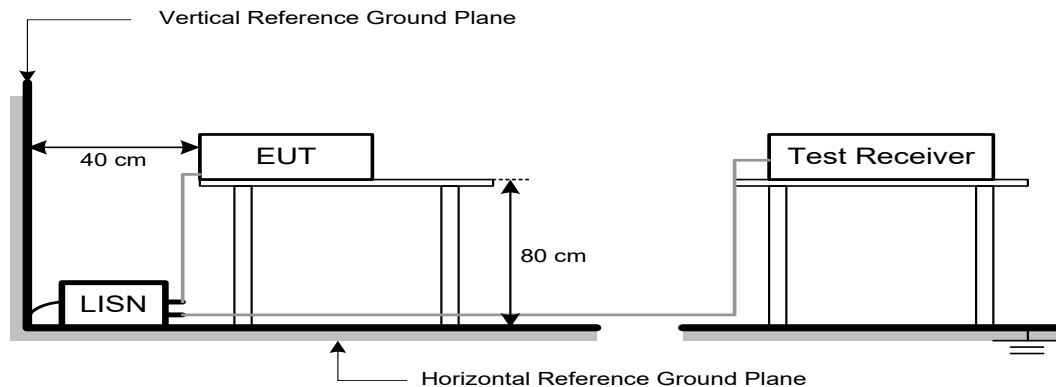
The following table is the setting of the receiver:

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 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 EMISSIONS

### 5.1 LIMIT

In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

#### LIMITS OF RADIATED EMISSION MEASUREMENT (9 kHz-1000 MHz)

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

#### LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000 MHz)

Frequency (MHz)	Band edge/ Harmonic at 3m (dBμV/m)		Harmonic at 1m (dBμV/m)	
	Peak	Average	Peak	Average
Above 1000	74	54	83.5 (Note 5)	63.5 (Note 5)

Note:

(1) The limit for radiated test was performed according to FCC CFR Title 47, Part 15, Subpart C .

(2) The tighter limit applies at the band edges.

(3) Emission level (dBuV/m)=20log Emission level (uV/m).

(4) The test result calculated as following:

Measurement Value = Reading Level + Correct Factor

Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain(if use)

Margin Level = Measurement Value - Limit Value

(5)

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

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

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

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

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

$d_{\text{measure}}$ : Harmonic Actual test distance.

## 5.2 TEST PROCEDURE

- The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1 GHz)
- The measuring distance of 3 m or 1m shall be used for measurements. The EUT was placed on the top of a rotating table 1.5 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(above 1GHz)
- The height of the equipment or of the substitution antenna shall be 0.8m or 1.5m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights find the maximum reading (used Bore sight function).
- The receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz.
- The initial step in collecting radiated emission data is a receiver peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- All readings are Peak unless otherwise stated QP in column of Note. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform.  
(below 1 GHz)
- All readings are Peak Mode value unless otherwise stated AVG in column of Note. If the Peak Mode Measured value compliance with the Peak Limits and lower than AVG Limits, the EUT shall be deemed to meet both Peak & AVG Limits and then only Peak Mode was measured, but AVG Mode didn't perform. (above 1 GHz)
- For the actual test configuration, please refer to the related Item –EUT Test Photos.

The following table is the setting of the receiver:

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

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

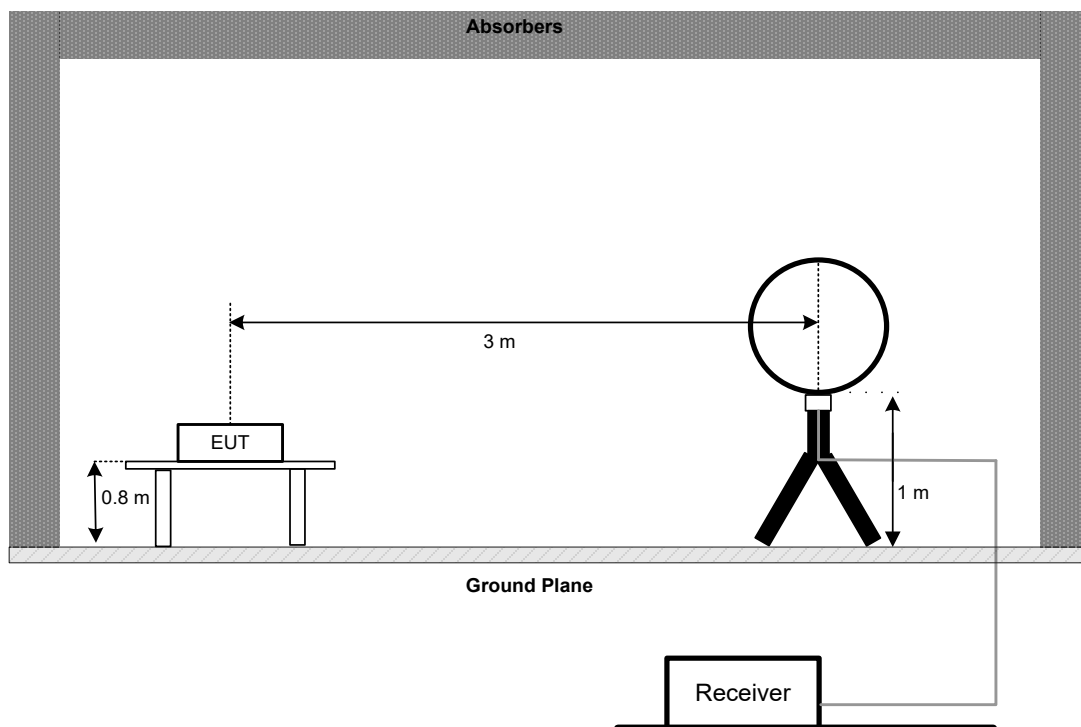
Spectrum Parameters	Setting
Start ~ Stop Frequency	9 kHz~90 kHz for PK/AVG detector
Start ~ Stop Frequency	90 kHz~110 kHz for QP detector
Start ~ Stop Frequency	110 kHz~490 kHz for PK/AVG detector
Start ~ Stop Frequency	490 kHz~30 MHz for QP detector
Start ~ Stop Frequency	30 MHz~1000 MHz for QP detector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

## 5.3 DEVIATION FROM TEST STANDARD

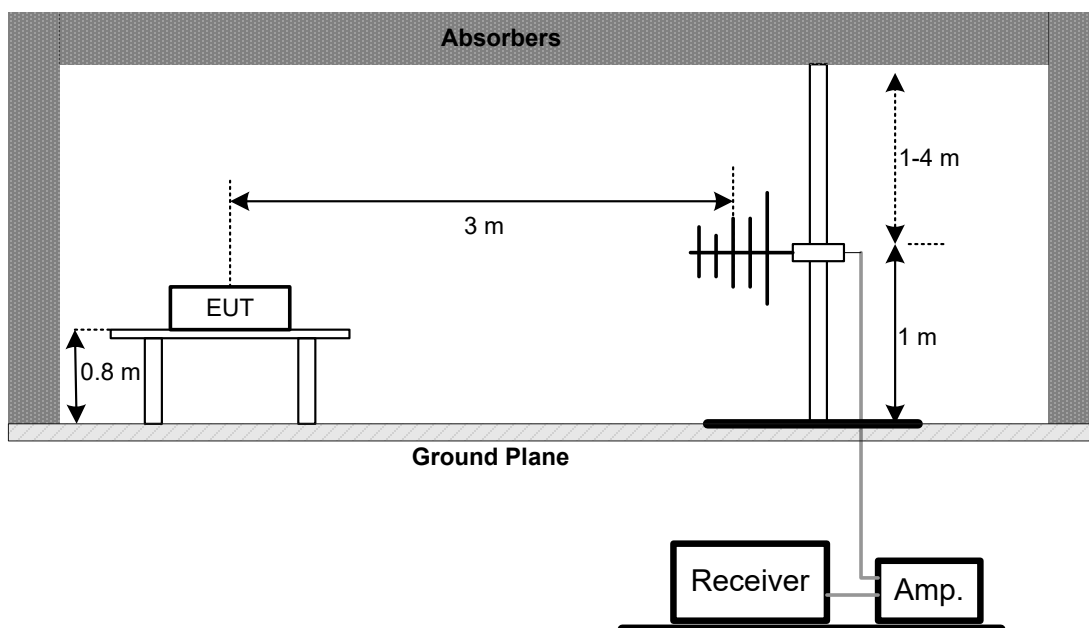
No deviation.

## 5.4 TEST SETUP

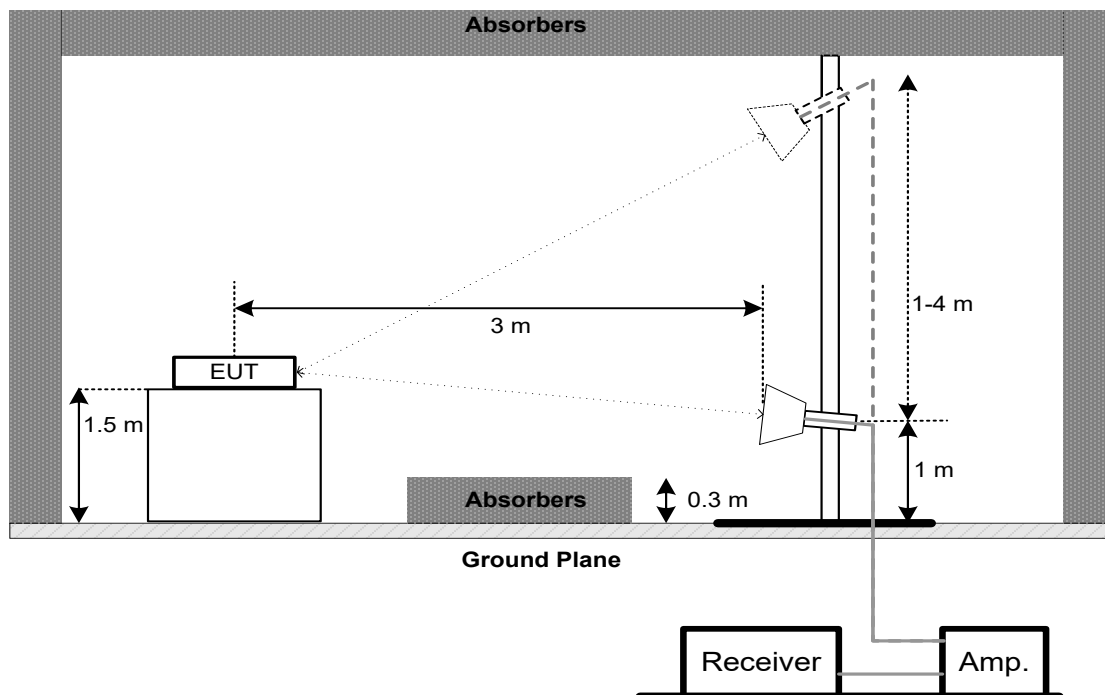
9 kHz to 30 MHz



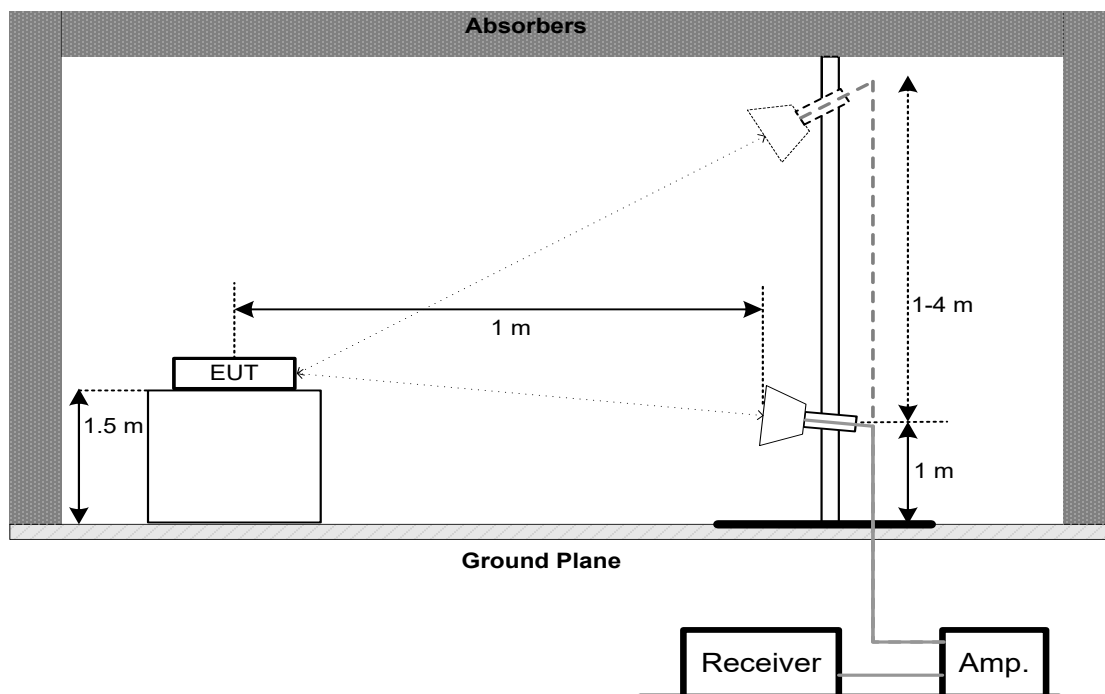
30 MHz to 1 GHz



**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 RESULTS - 9 kHz TO 30 MHz**

Please refer to the APPENDIX B.

Remark:

- (1) Distance extrapolation factor =  $40 \log (\text{specific distance} / \text{test distance})$  (dB).
- (2) Limit line = specific limits (dBuV) + distance extrapolation factor.

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

Please refer to the APPENDIX C.

**5.8 TEST RESULTS - ABOVE 1000 MHz**

Please refer to the APPENDIX D.

Remark:

- (1) No limit: This is fundamental signal, the judgment is not applicable.  
For fundamental signal judgment was referred to Peak output test.

## 6. MEASUREMENT INSTRUMENTS LIST

AC Power Line Conducted Emissions					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	EMI TEST RECEIVER	R&S	ESCI	100382	Dec. 06, 2025
2	TWO-LINE V-NETWORK	R&S	ENV216	101447	Dec. 06, 2025
3	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
4	Cable	N/A	SFT205-NMNM-9M -001	9M	Nov. 11, 2025
5	643 Shield Room	ETS	6*4*3	N/A	N/A

Radiated Emissions - 9 kHz to 30 MHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Active Loop Antenna	Schwarzbeck	FMZB 1513-60	00025	Mar. 01, 2026
2	Receiver	Agilent	N9038A	MY52130039	Jan. 10, 2026
3	Cable	RegalWay	LMR400-NMNM-6 m	N/A	Apr. 26, 2026
4	Cable	RegalWay	LMR400-NMRANM -3.5m	N/A	Apr. 26, 2026
5	966 Chamber room	CM	9*6*6	N/A	May 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 09, 2026

Radiated Emissions - 1 GHz - 18 GHz					
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	Oct. 29, 2025
4	Cable	EMC INSTRUMENT	EMC104-SM-SM-1 0000	N/A	Jun. 12, 2026
5	Cable	EMC INSTRUMENT	EMC104-SM-SM-3 000	N/A	Jun. 12, 2026
6	Cable	EMC INSTRUMENT	EMC104-SM-SM-1 000	N/A	Jun. 12, 2026
7	966 Chamber room	Tai He	9*6*6 (NSA&VSWR)	N/A	May 18, 2026
8	Double Ridged Horn Antenna	EMC INSTRUMENT	DRH18-E	210509A18ES	Aug. 28, 2025
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. 29, 2025

Radiated Emissions - Above 18 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	EXA Spectrum Analyzer	Keysight	N9010A	MY55150209	Aug. 20, 2025
2	Preamplifier	EMC INSTRUMENT	EMC184045SE	980905	Oct. 29, 2025
3	Cable	RegalWay	RWLP50-2.6A-2.92 M2.92M-1.1M	N/A	Jul. 25, 2025
4	Cable	Tonscend	HF160-KMKM-3M	N/A	Jul. 25, 2025
5	Broad-Band Horn Antenna	Schwarzbeck	BBHA9170	1227	Oct. 20, 2025
6	966 Chamber room	CM	9*6*6	N/A	May 09, 2026
7	Positioning Controller	MF	MF-7802	N/A	N/A
8	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	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.

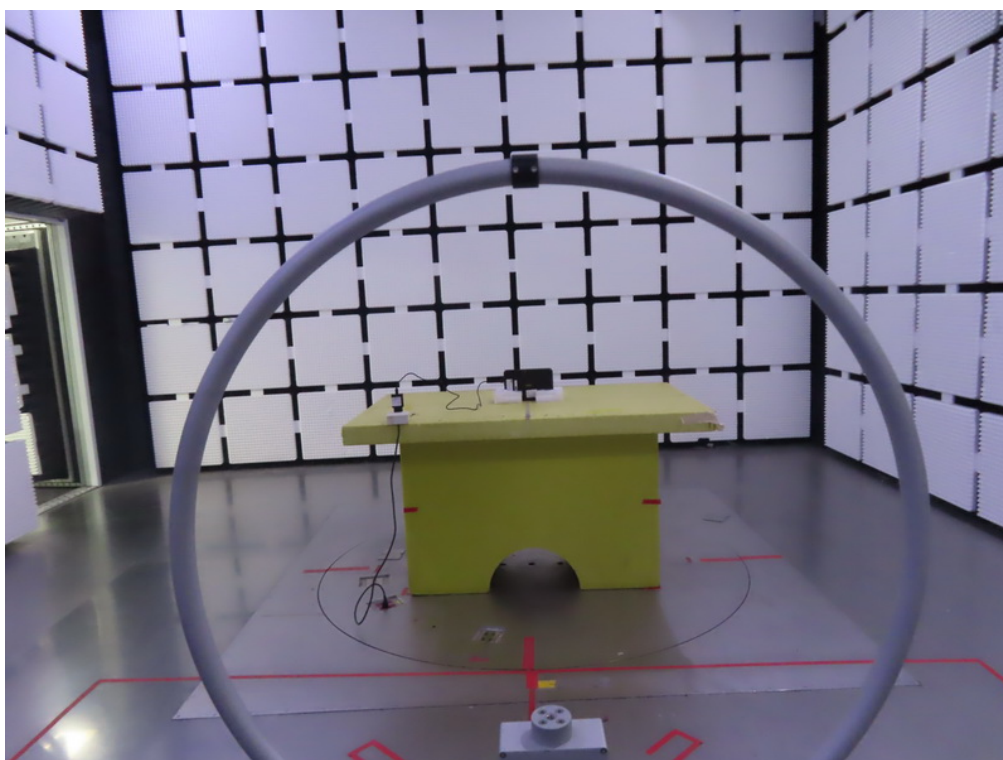
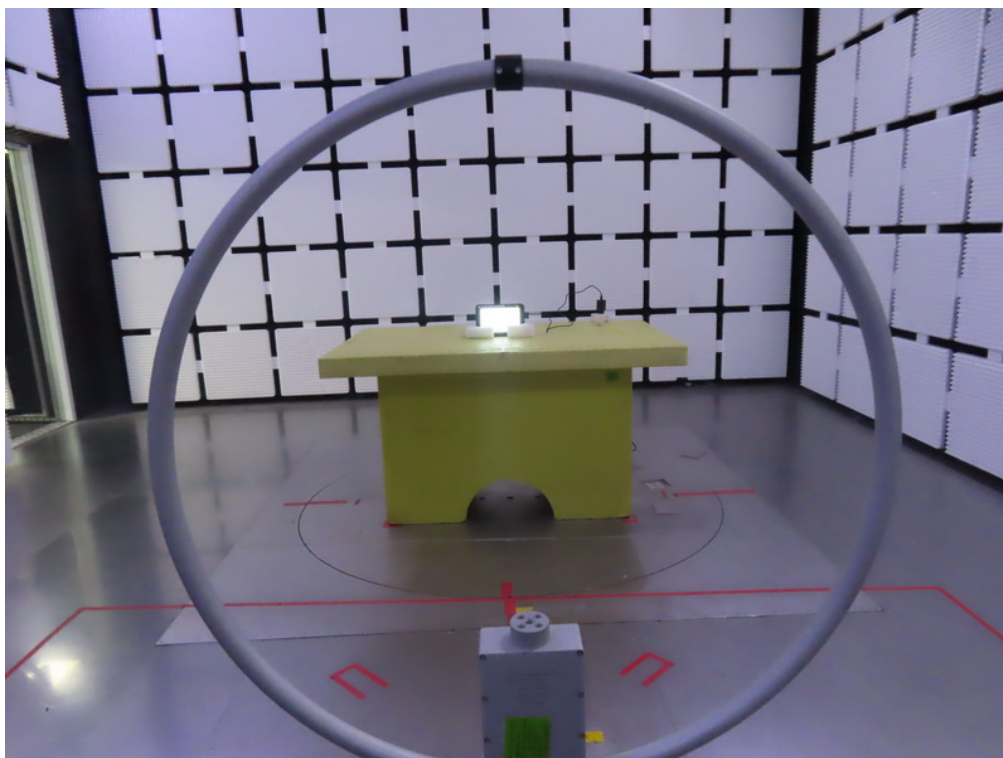
## 7. EUT TEST PHOTO

### AC Power Line Conducted Emissions Test Photos



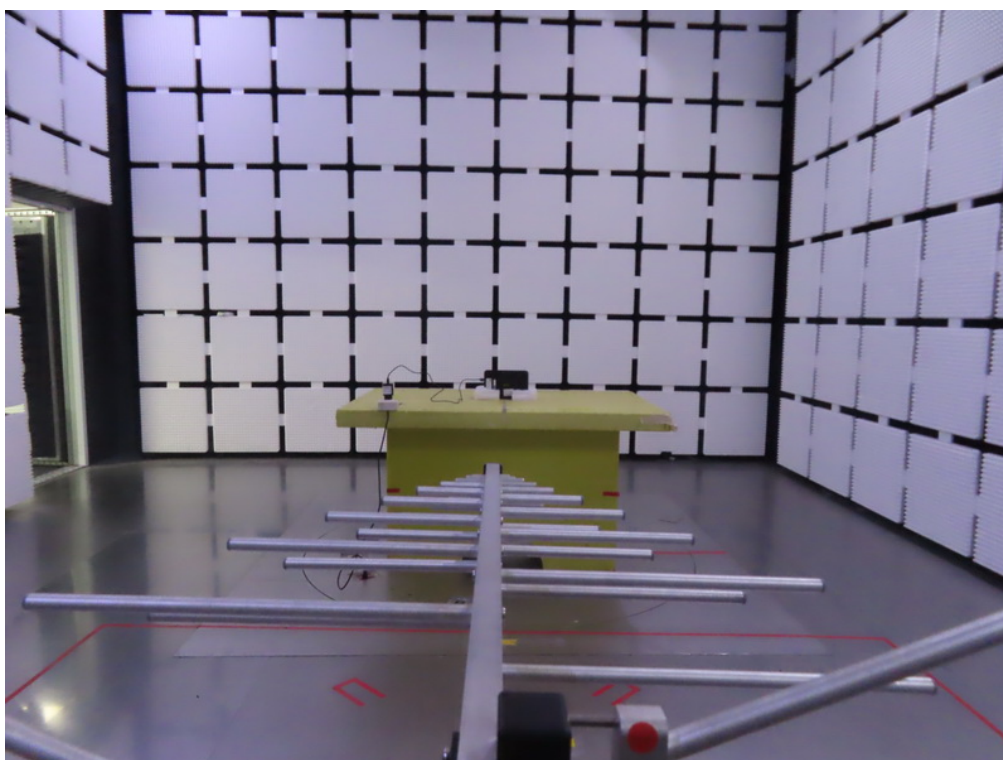
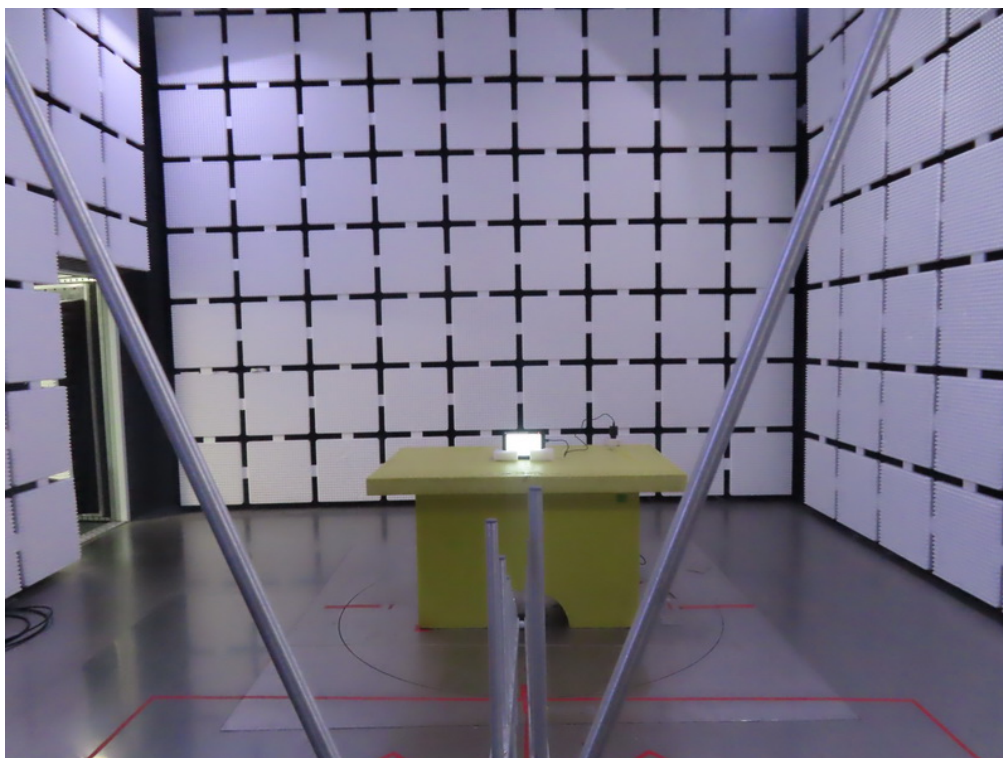
# Radiated Emissions Test Photos

9 kHz to 30 MHz

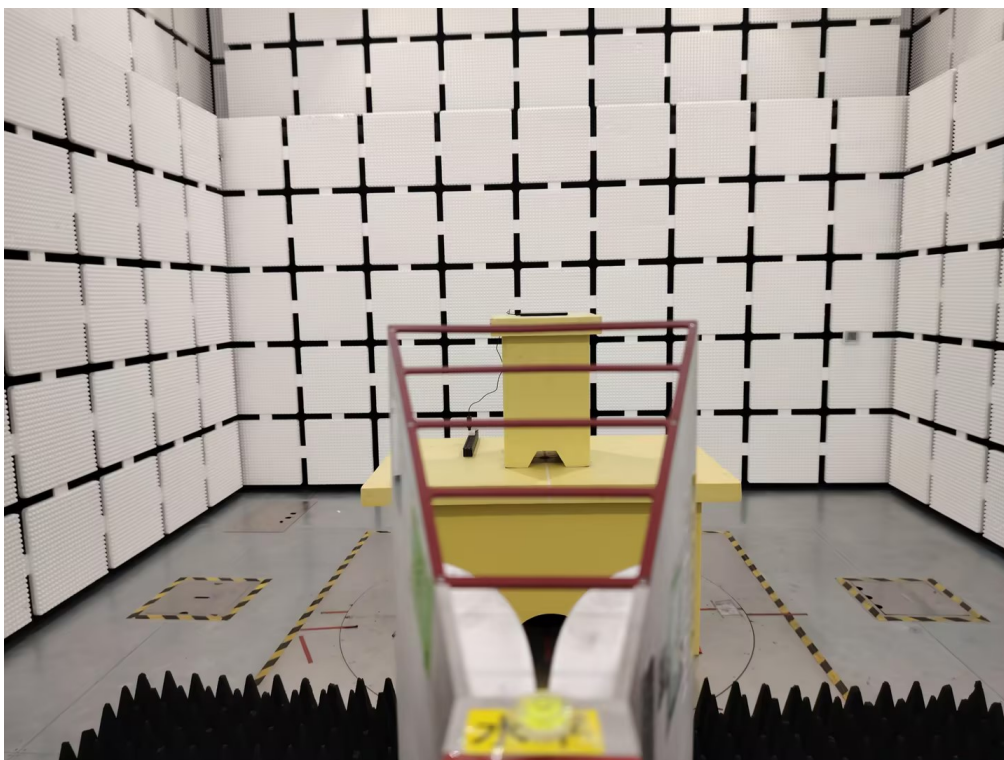


## Radiated Emissions Test Photos

30 MHz to 1000 MHz

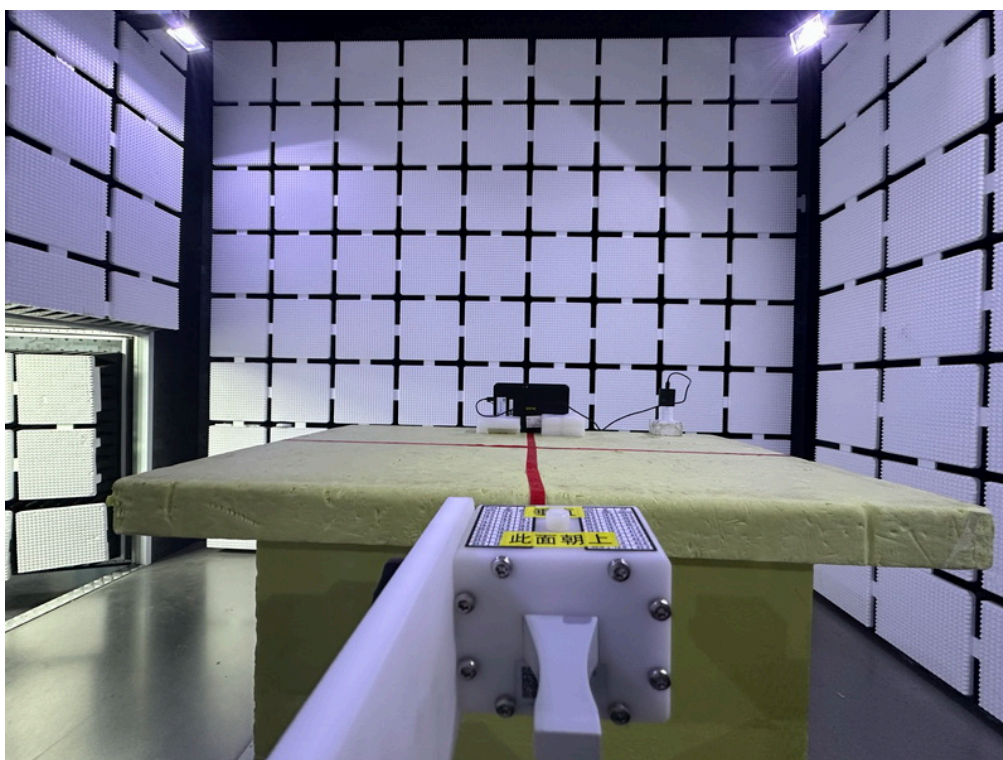
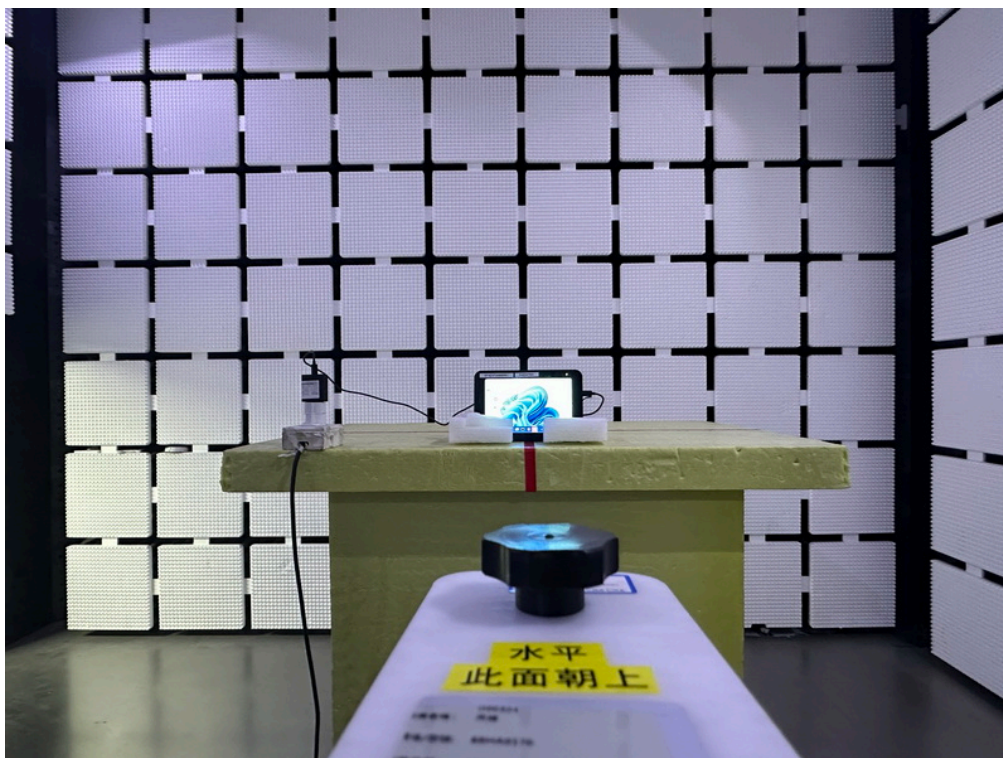


**Radiated Emissions Test Photos**  
**Band edge & Harmonic(1 GHz to 18 GHz)**



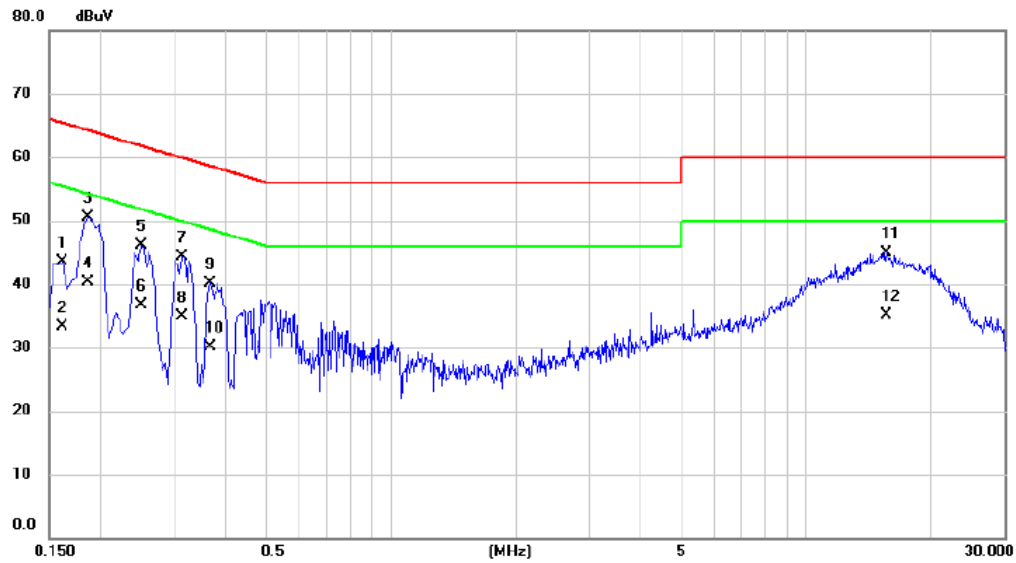
# Radiated Emissions Test Photos

Harmonic(18 GHz to 26.5 GHz)



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

Test Mode	TX Mode Channel 78 _1Mbps	Phase	Line
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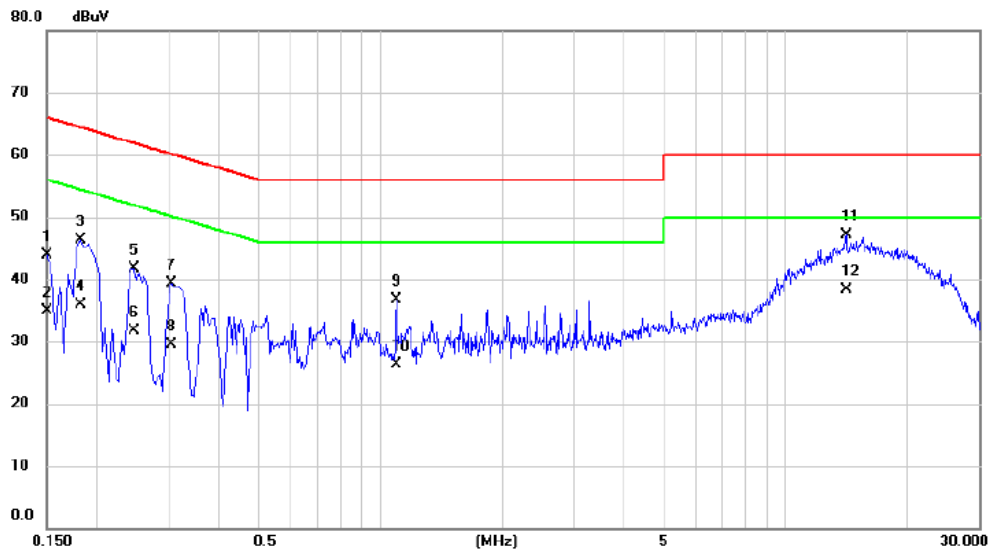
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.1620	33.62	9.79	43.41	65.36	-21.95	QP	
2		0.1620	23.60	9.79	33.39	55.36	-21.97	AVG	
3	*	0.1860	40.79	9.79	50.58	64.21	-13.63	QP	
4		0.1860	30.60	9.79	40.39	54.21	-13.82	AVG	
5		0.2500	36.32	9.79	46.11	61.76	-15.65	QP	
6		0.2500	26.90	9.79	36.69	51.76	-15.07	AVG	
7		0.3140	34.48	9.79	44.27	59.86	-15.59	QP	
8		0.3140	25.10	9.79	34.89	49.86	-14.97	AVG	
9		0.3673	30.21	9.81	40.02	58.56	-18.54	QP	
10		0.3673	20.30	9.81	30.11	48.56	-18.45	AVG	
11		15.5780	31.55	13.42	44.97	60.00	-15.03	QP	
12		15.5780	21.60	13.42	35.02	50.00	-14.98	AVG	

## REMARKS:

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

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

Test Mode	TX Mode Channel 78 _1Mbps	Phase	Neutral
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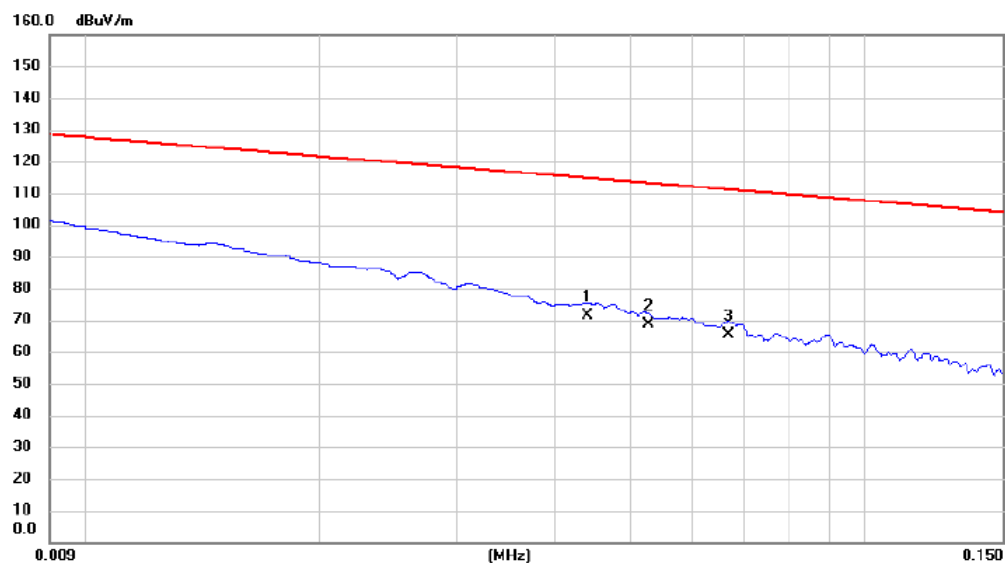
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.1500	34.12	9.75	43.87	66.00	-22.13	QP	
2		0.1500	25.20	9.75	34.95	56.00	-21.05	AVG	
3		0.1820	36.54	9.76	46.30	64.39	-18.09	QP	
4		0.1820	26.20	9.76	35.96	54.39	-18.43	AVG	
5		0.2460	31.95	9.77	41.72	61.89	-20.17	QP	
6		0.2460	21.90	9.77	31.67	51.89	-20.22	AVG	
7		0.3060	29.50	9.77	39.27	60.08	-20.81	QP	
8		0.3060	19.80	9.77	29.57	50.08	-20.51	AVG	
9		1.0980	26.86	9.90	36.76	56.00	-19.24	QP	
10		1.0980	16.40	9.90	26.30	46.00	-19.70	AVG	
11		14.1060	34.14	12.99	47.13	60.00	-12.87	QP	
12	*	14.1060	25.40	12.99	38.39	50.00	-11.61	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 78 _1Mbps	Polarization	Ant 0°
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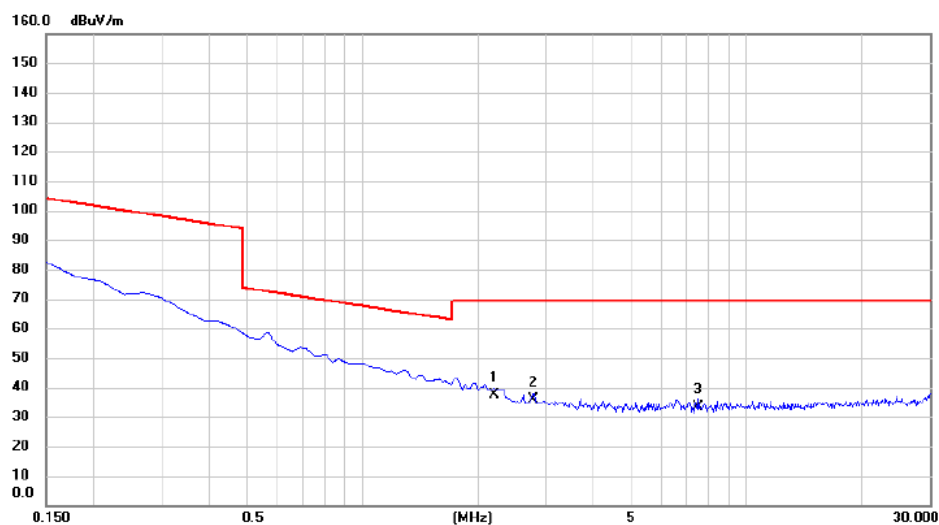
No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	0.044	51.20	20.14	71.34	114.74	-43.40	AVG	
2	0.053	48.62	20.14	68.76	113.17	-44.41	AVG	
3	0.067	45.32	20.14	65.46	111.11	-45.65	AVG	

## REMARKS:

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

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

Test Mode	TX Mode Channel 78 _1Mbps	Polarization	Ant 0°
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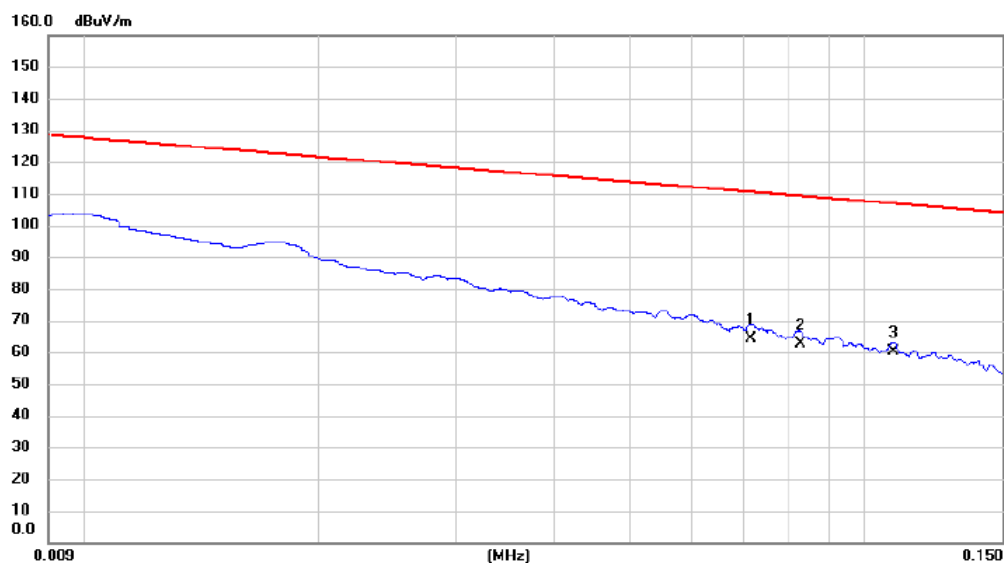
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	2.210	17.30	20.02	37.32	69.54	-32.22	QP	
2		2.777	15.66	20.06	35.72	69.54	-33.82	QP	
3		7.493	13.25	20.31	33.56	69.54	-35.98	QP	

## REMARKS:

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

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

Test Mode	TX Mode Channel 78 _1Mbps	Polarization	Ant 90°
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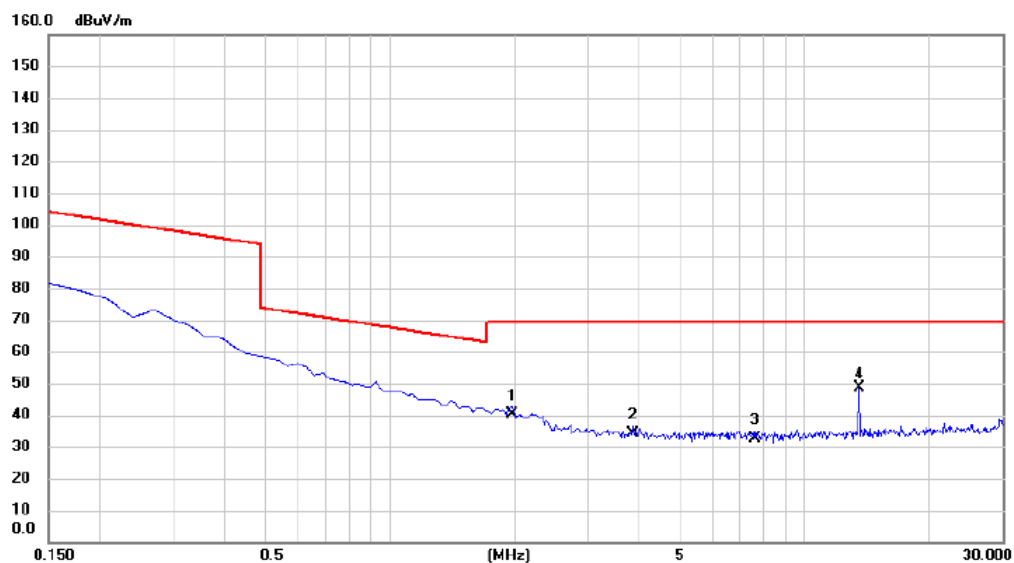


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	0.072	44.20	20.14	64.34	110.51	-46.17	AVG	
2		0.083	42.31	20.14	62.45	109.25	-46.80	AVG	
3		0.109	40.10	20.12	60.22	106.88	-46.66	QP	

## REMARKS:

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

Test Mode	TX Mode Channel 78 _1Mbps	Polarization	Ant 90°
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No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		1.971	20.31	20.01	40.32	69.54	-29.22	QP	
2		3.851	14.20	20.11	34.31	69.54	-35.23	QP	
3		7.612	12.36	20.33	32.69	69.54	-36.85	QP	
4	*	13.553	27.91	20.57	48.48	69.54	-21.06	peak	

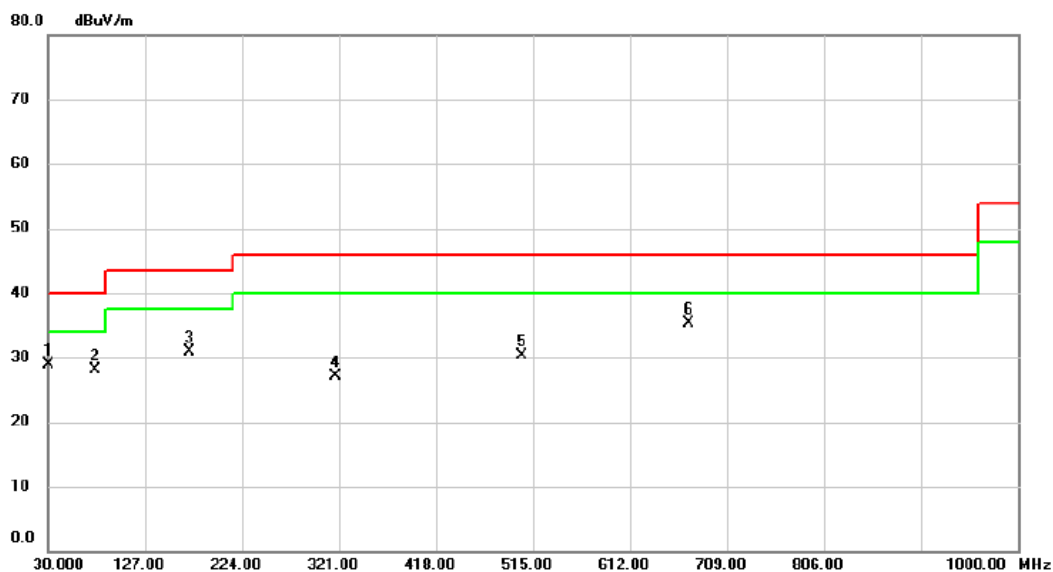
## REMARKS:

(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 78 _1Mbps	Polarization	Vertical
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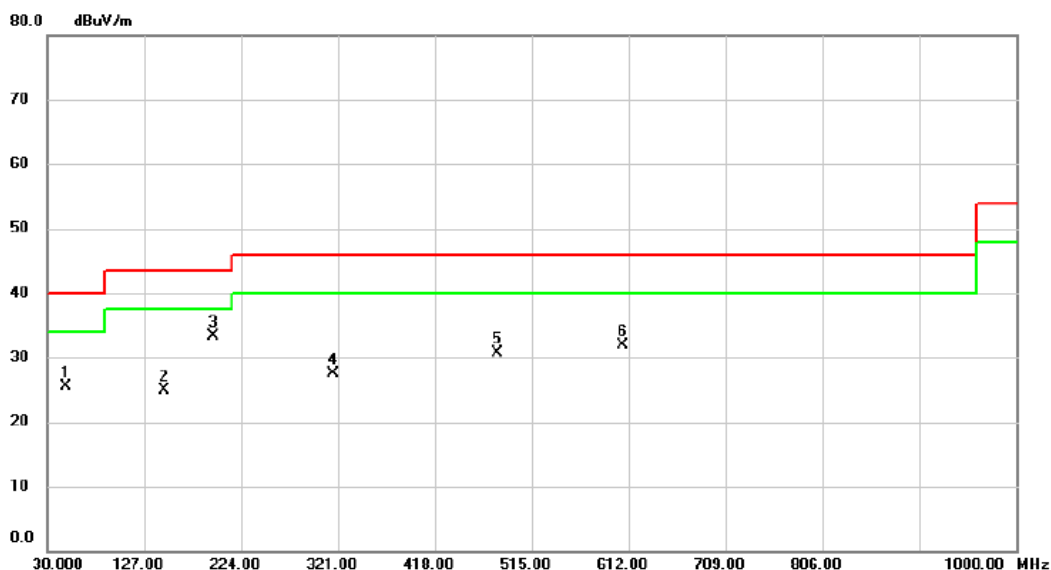


No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	30.000	41.88	-12.92	28.96	40.00	-11.04	peak	
2	76.560	42.50	-14.31	28.19	40.00	-11.81	peak	
3	171.620	41.80	-10.82	30.98	43.50	-12.52	peak	
4	318.090	36.36	-9.16	27.20	46.00	-18.80	peak	
5	503.360	35.50	-5.20	30.30	46.00	-15.70	peak	
6 *	671.170	37.49	-2.20	35.29	46.00	-10.71	peak	

## REMARKS:

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

Test Mode	TX Mode Channel 78 _1Mbps	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	48.430	36.54	-11.07	25.47	40.00	-14.53	peak	
2	146.400	35.84	-10.84	25.00	43.50	-18.50	peak	
3 *	195.870	46.53	-13.15	33.38	43.50	-10.12	peak	
4	316.150	36.73	-9.23	27.50	46.00	-18.50	peak	
5	480.080	36.20	-5.55	30.65	46.00	-15.35	peak	
6	606.180	35.10	-3.11	31.99	46.00	-14.01	peak	

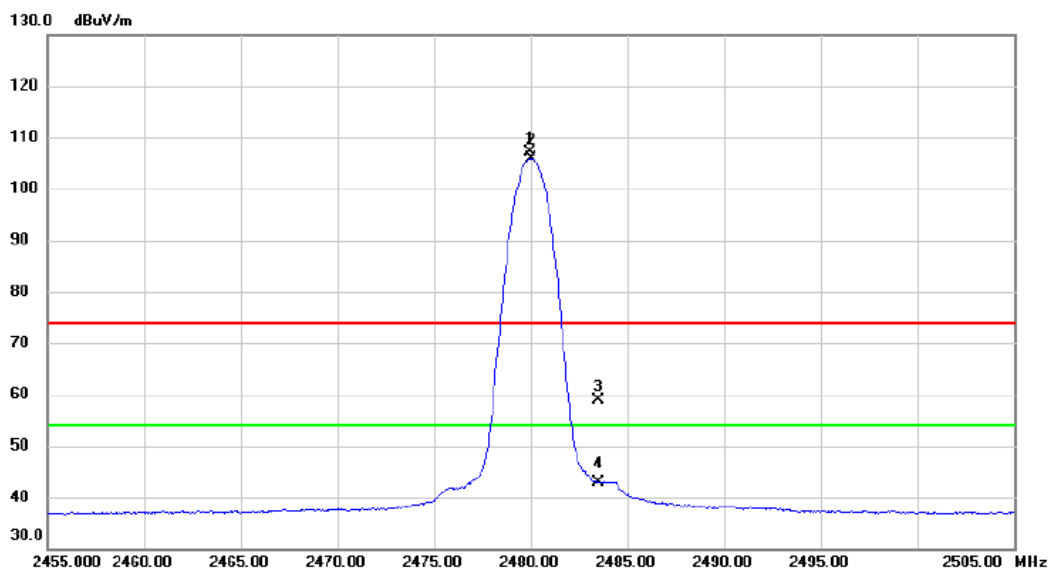
## REMARKS:

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

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

## **APPENDIX D - RADIATED EMISSION - ABOVE 1000 MHZ**

Test Mode	TX 2480 MHz _CH78_1Mbps	Polarization	Vertical
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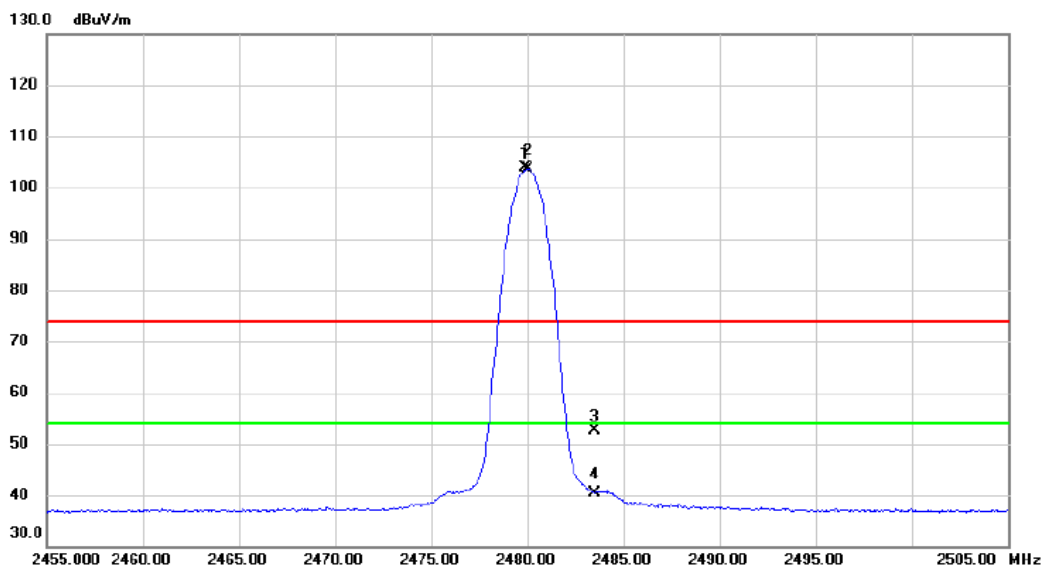


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	2479.950	97.74	9.47	107.21	74.00	33.21	peak	No Limit
2	*	2480.000	96.47	9.47	105.94	54.00	51.94	AVG	No Limit
3		2483.500	49.39	9.47	58.86	74.00	-15.14	peak	
4		2483.500	33.31	9.47	42.78	54.00	-11.22	AVG	

## REMARKS:

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

Test Mode	TX 2480 MHz _CH78_1Mbps	Polarization	Horizontal
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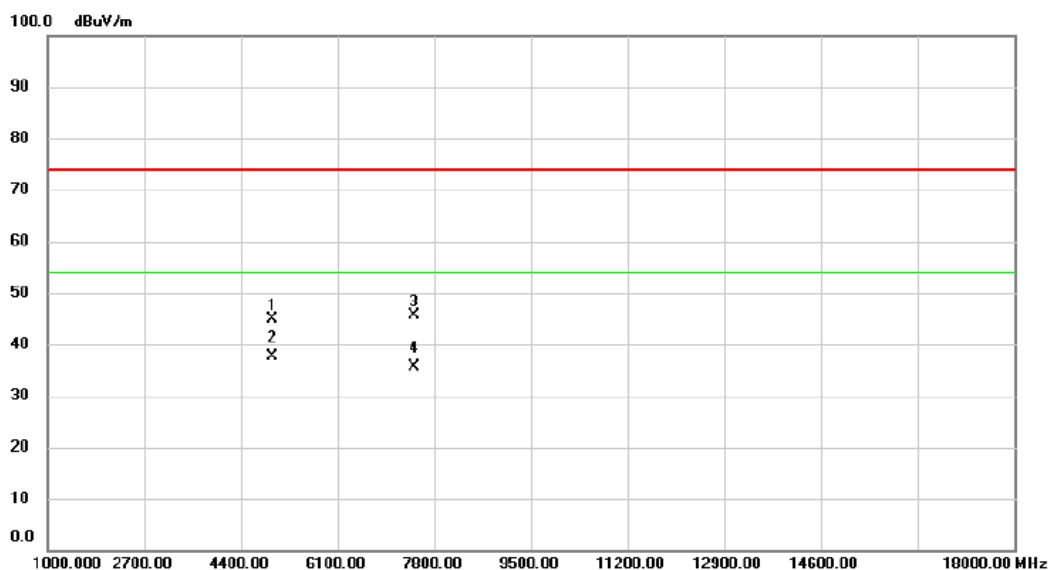


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	2479.900	94.40	9.47	103.87	74.00	29.87	peak	No Limit
2	*	2480.050	94.13	9.47	103.60	54.00	49.60	AVG	No Limit
3		2483.500	43.21	9.47	52.68	74.00	-21.32	peak	
4		2483.500	31.02	9.47	40.49	54.00	-13.51	AVG	

## REMARKS:

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

Test Mode	TX 2480 MHz _CH78_1Mbps	Polarization	Vertical
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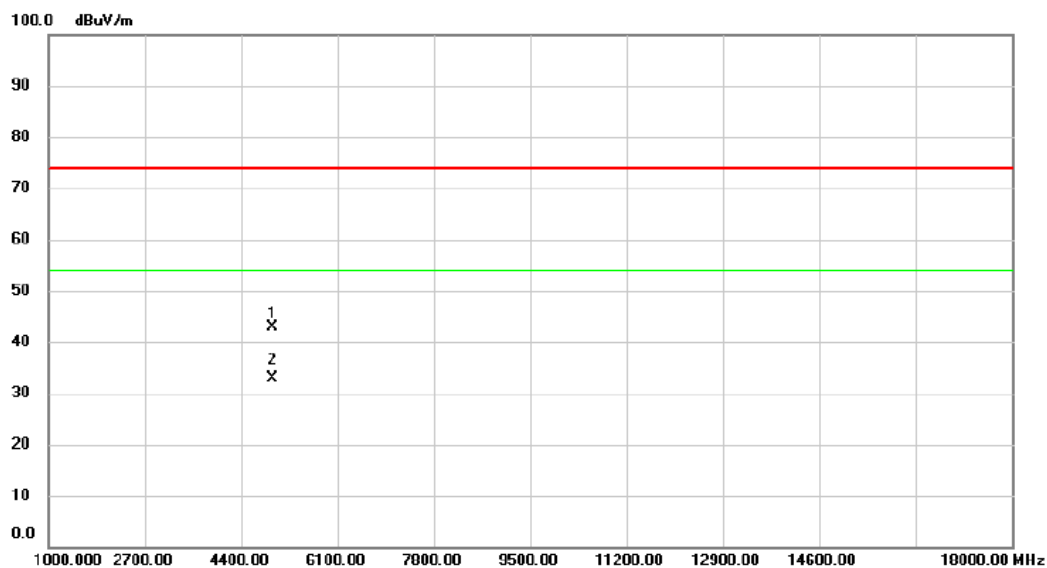


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		4959.700	39.44	5.48	44.92	74.00	-29.08	peak	
2	*	4959.960	32.08	5.48	37.56	54.00	-16.44	AVG	
3		7439.200	36.98	8.56	45.54	74.00	-28.46	peak	
4		7440.180	27.17	8.56	35.73	54.00	-18.27	AVG	

## REMARKS:

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

Test Mode	TX 2480 MHz _CH78_1Mbps	Polarization	Horizontal
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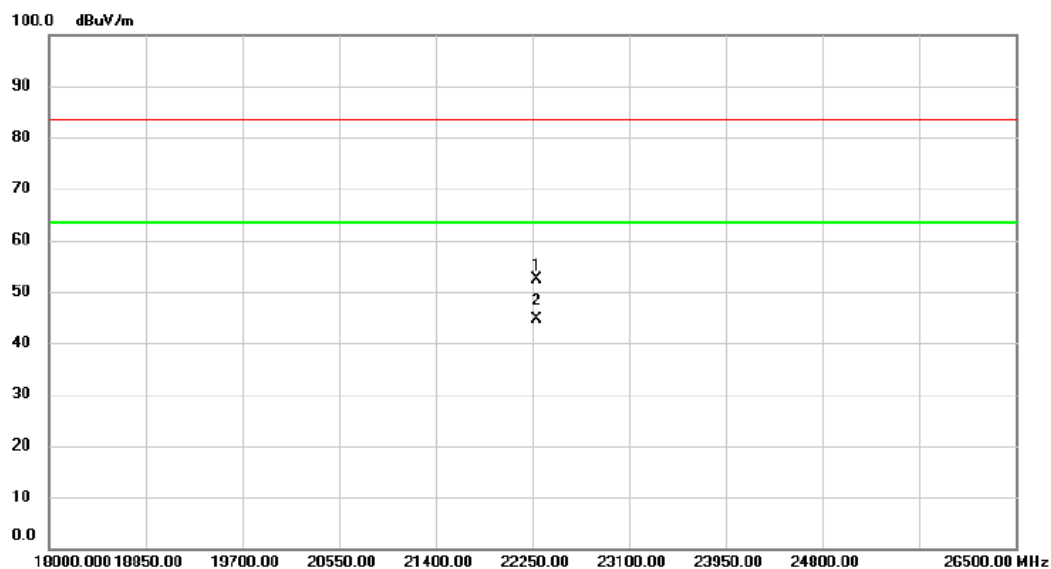


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		4958.400	37.44	5.47	42.91	74.00	-31.09	peak	
2	*	4959.900	27.47	5.48	32.95	54.00	-21.05	AVG	

## REMARKS:

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

Test Mode	TX 2480 MHz _CH78_1Mbps	Polarization	Vertical
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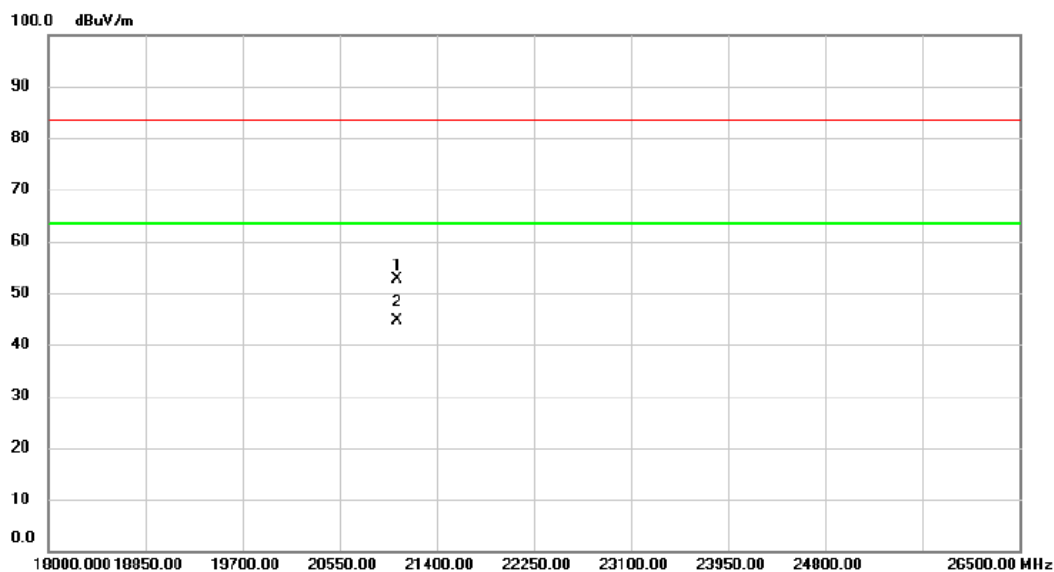
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		22284.000	50.86	1.45	52.31	83.50	-31.19	peak	
2	*	22284.000	43.20	1.45	44.65	63.50	-18.85	AVG	

## REMARKS:

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

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

Test Mode	TX 2480 MHz _CH78_1Mbps	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	21055.750	51.61	0.92	52.53	83.50	-30.97	peak	
2 *	21055.750	43.62	0.92	44.54	63.50	-18.96	AVG	

## REMARKS:

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

End of Test Report