

FCC 47 CFR Part 15 Subpart B, ICES-003 Issue 7

TEST REPORT

For

Bluetooth Headset

MODEL NUMBER: OTE990

REPORT NUMBER: 4791432944-4-EMC-1

ISSUE DATE: August 20, 2024

Prepared for

GN Audio USA Inc.(FCC)

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Prepared by

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The results reported herein have been performed in accordance with the laboratory's terms of accreditation. This report shall not be reproduced except in full without the written approval of the Laboratory. The results in this report apply to the test sample(s) mentioned above at the time of the testing period only and are not to be used to indicate applicability to other similar products.

Revision History

Rev.	Issue Date	Revisions	Revised By
V0	August 20, 2024	Initial Issue	

Summary of Test Results

Emission			
Standard	Test Item	Limit	Result
FCC 47 CFR Part 15 Subpart B, ICES-003 Issue 7	Conducted emissions	FCC Part 15.107 ICES-003 Issue 7, Section 3.2.1	Pass
	Radiated emissions below 1GHz	FCC Part 15.109 ICES-003 Issue 7, Section 3.2.2	Pass
	Radiated emissions above 1GHz	FCC Part 15.109 ICES-003 Issue 7, Section 3.2.2	Pass (NOTE 1)

Note:

1. If the highest frequency of the internal sources of the EUT is less than 108 MHz, the measurement shall only be made up to 1 GHz; If the highest frequency of the internal sources of the EUT is between 108 MHz and 500 MHz, the measurement shall only be made up to 2 GHz; If the highest frequency of the internal sources of the EUT is between 500 MHz and 1 GHz, measurement shall only be made up to 5 GHz; If the highest frequency of the internal sources of the EUT is above 1 GHz, the measurement shall be made up to 5 times the highest frequency or 40 GHz, whichever is less.

*This test report is only published to and used by the applicant, and it is not for evidence purpose in China.

*The measurement result for the sample received is <Pass> according to <FCC 47 CFR Part 15 Subpart B, ICES-003 Issue 7> when <Simple Acceptance> decision rule is applied.

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1. ATTESTATION OF TEST RESULTS

FCC

Applicant Information

Company Name: GN Audio USA Inc.
Address: 900 Chelmsfort St, Tower 2, Floor 8 Lowell, Massachusetts
01851 United States

ISED

Applicant Information

Company Name: GN Audio A/S
Address: Lautrupbjerg 7, 2750 Ballerup, Denmark

Manufacturer Information

Company Name: GN Audio A/S
Address: Lautrupbjerg 7, 2750 Ballerup, Denmark

EUT Information

EUT Name: Bluetooth Headset
Model: OTE990
Brand: Jabra
Sample Received Date: August 7, 2024
Sample Status: Normal
Sample ID: 7502815
Date of Tested: August 9, 2024 to August 18, 2024

APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
FCC 47 CFR Part 15 Subpart B, ICES-003 Issue 7	Pass

Prepared By:



Andy Xiong
Engineer Project Associate

Checked By:



Emen Li
Staff Engineering Associate

Approved By:



Stephen Guo
Operations Manager

2. TEST METHODOLOGY

All tests were performed in accordance with the standard FCC 47 CFR Part 15 Subpart B, ICES-003 Issue 7.

3. FACILITIES AND ACCREDITATION

Accreditation Certificate	<p>A2LA (Certificate No.: 4102.01) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been assessed and proved to be in compliance with A2LA.</p> <p>FCC (FCC Designation No.: CN1187) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. Has been recognized to perform compliance testing on equipment subject to the Commission's Declaration of Conformity (DoC) and Certification rules</p> <p>ISED (Company No.: 21320) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been registered and fully described in a report filed with ISED. The Company Number is 21320 and the test lab Conformity Assessment Body Identifier (CABID) is CN0046.</p> <p>VCCI (Registration No.: G-20192, C-20153, T-20155 and R-20202) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been assessed and proved to be in compliance with VCCI, the Membership No. is 3793. Facility Name: Chamber D, the VCCI registration No. is G-20192 and R-20202 Shielding Room B, the VCCI registration No. is C-20153 and T-20155</p>
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Note:

All tests measurement facilities use to collect the measurement data are located at Building 10, Innovation Technology Park, No. 1, Li Bin Road, Song Shan Lake Hi-Tech Development Zone Dongguan, 523808, People's Republic of China.

4. CALIBRATION AND UNCERTAINTY

4.1. MEASURING INSTRUMENT CALIBRATION

The measuring equipment utilized to perform the tests documented in this report has been calibrated in accordance with the manufacturer's recommendations and is traceable to recognized national standards.

4.2. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

Test Item	Measurement Frequency Range	K	U(dB)
Conducted emissions	0.15MHz - 30MHz	2	3.63
Radiated emissions below 1GHz	30MHz -1GHz	2	4.13
Radiated emissions above 1GHz	1GHz - 18GHz	2	5.64
Note1: This uncertainty represents an expanded uncertainty expressed at approximately the 95 % confidence level using a coverage factor of k=2.			
Note 2: According to the standard CISPR 16-4-2, the MU for the Conducted emissions from the AC mains power ports using AMN should not exceed 3.8 in range of 9kHz to 150kHz and 3.4 in range of 150kHz to 30MHz. We have considered the test results containing the value of U _{lab} (in dB) for the measurement instrumentation actually used for the measurements.			

5. EQUIPMENT UNDER TEST

5.1. DESCRIPTION OF EUT

EUT Name	Bluetooth Headset
Model	OTE990
EUT Classification	Class B
Highest Internal Frequency	2480MHz
Rated Input	DC5V
Battery	DC 4.35V

5.2. TEST MODE

Test Mode	Description
M01	Charging & BT Playing
M02	BT Playing powered by battery

5.3. EUT ACCESSORY

Item	Accessory	Brand Name	Model Name	Description
1	USB-C Cable	N/A	N/A	1.2 m

5.4. SUPPORT UNITS FOR SYSTEM TEST

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.	Specification	Series No.
E-1	Mobile Phone	HUAWEI	Mate 30E	N/A	N/A
E-2	Adapter	XIAOMI	MDY-08-ES	Input:100-240VAC 50/60Hz, 0.5A Output: 5V $\overline{\text{---}}$ 3A /9V $\overline{\text{---}}$ 2A/12V $\overline{\text{---}}$ 1.5A	4A41709 C2033B6B

The following cables were used to form a representative test configuration during the tests.

Item	Type of cable	Shielded Type	Ferrite Core	Length
/	/	/	/	/

6. MEASURING EQUIPMENT AND SOFTWARE USED

Test Equipment of Conducted emissions					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due Date
EMI Test Receiver	ROHDE & SCHWARZ	ESR3	101961	Oct. 13, 2023	Oct. 12, 2024
Two-Line V-Network	ROHDE & SCHWARZ	ENV216	101983	Oct. 13, 2023	Oct. 12, 2024
Test Software for Conducted Emission	Farad	EZ-EMC	Ver.UL-3A1	N/A	N/A

Test Equipment of Radiated emissions below 1GHz					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due Date
Hybrid Log Periodic Antenna	TDK	HLP-3003C	130960	Jun. 28, 2024	Jun. 27, 2027
Amplifier	HP	8447F	2944A03683	Oct. 12, 2023	Oct. 11, 2024
MXE EMI Receiver	KESIGHT	N9038A	MY56400036	Oct. 12, 2023	Oct. 11, 2024
Test Software for Radiated Emission	Farad	EZ-EMC	Ver.UL-3A1	N/A	N/A

Test Equipment of Radiated emissions above 1GHz					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due Date
EMI Measurement Receiver	ROHDE & SCHWARZ	ESR26	101377	Oct. 12, 2023	Oct. 11, 2024
Preamplifier	TDK	PA-02-0118	TRS-305-00066	Jun. 18, 2024	Jun. 17, 2025
Horn Antenna	TDK	HRN-0118	130939	Apr. 29, 2022	Apr. 28, 2025
Test Software for Radiated Emission	Farad	EZ-EMC	Ver.UL-3A1	N/A	N/A

Other Instrument					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due Date
Temperature humidity probe	OMEGA	ITHX-SD-5	18470007	Oct.21, 2023	Oct.20, 2024
Barometer	Yiyi	Baro	N/A	Oct.19, 2023	Oct.18, 2024

7. EMISSION TEST

7.1. CONDUCTED EMISSIONS

LIMITS

Frequency (MHz)	Class A (dB μ V)		Class B (dB μ V)	
	Quasi-peak	Average	Quasi-peak	Average
0.15 -0.5	79	66	66 - 56 *	56 - 46*
0.50 -5.0	73	60	56	46
5.0 -30.0	73	60	60	50

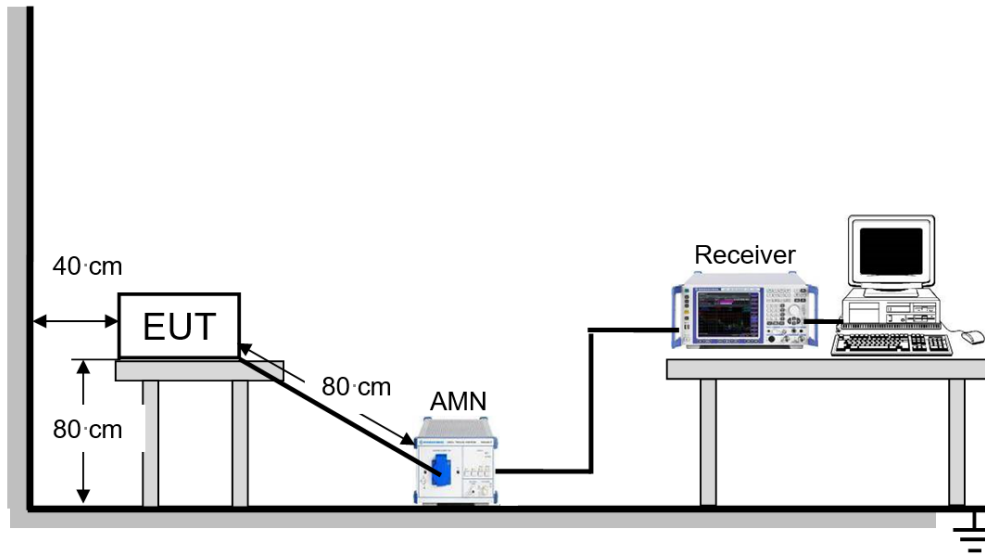
Note:

- (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.

TEST PROCEDURE

- 1) The testing follows the guideline in ANSI C63.4-2014.
- 2) The EUT was placed on the top of a rotating table 0.8 meters above the horizontal ground plane and 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.
- 3) 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.
- 4) 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.
- 5) Cables of hand-operated devices, such as keyboards and mice, shall be placed as for normal used.
- 6) LISN at least 80 cm from nearest part of EUT chassis.
- 7) Conducted emissions from the EUT measured in the frequency range between 0.15MHz and 30MHz using CISPR Quasi-Peak and average detector mode, resolution bandwidth set 9kHz.

TEST SETUP



TEST ENVIRONMENT

Temperature	23.2°C	Relative Humidity	56.3%
Atmosphere Pressure	101kPa		

TEST DATE / ENGINEER

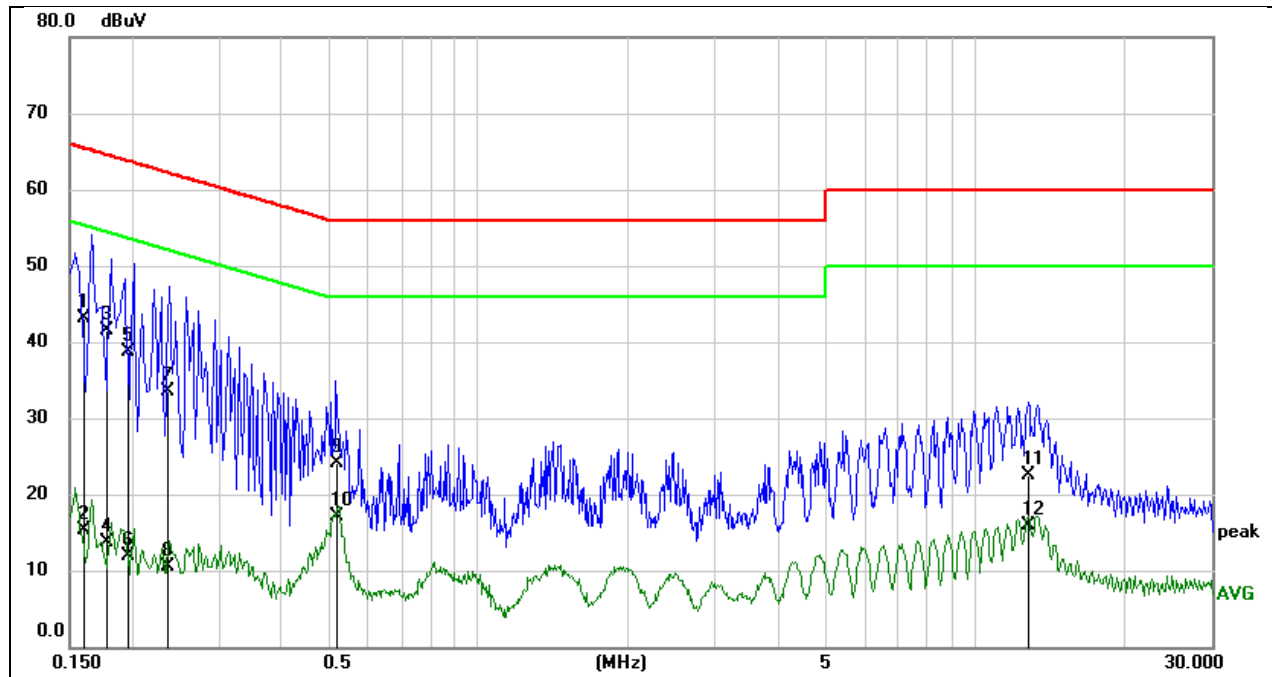
Test Date	August 14, 2024	Test By	Andy Xiong
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TEST MODE

Pre-test Mode:	M01
Final Test Mode:	M01

TEST RESULTS

Test Mode:	M01	Line:	Line
Test Voltage:	AC 120V_60Hz		



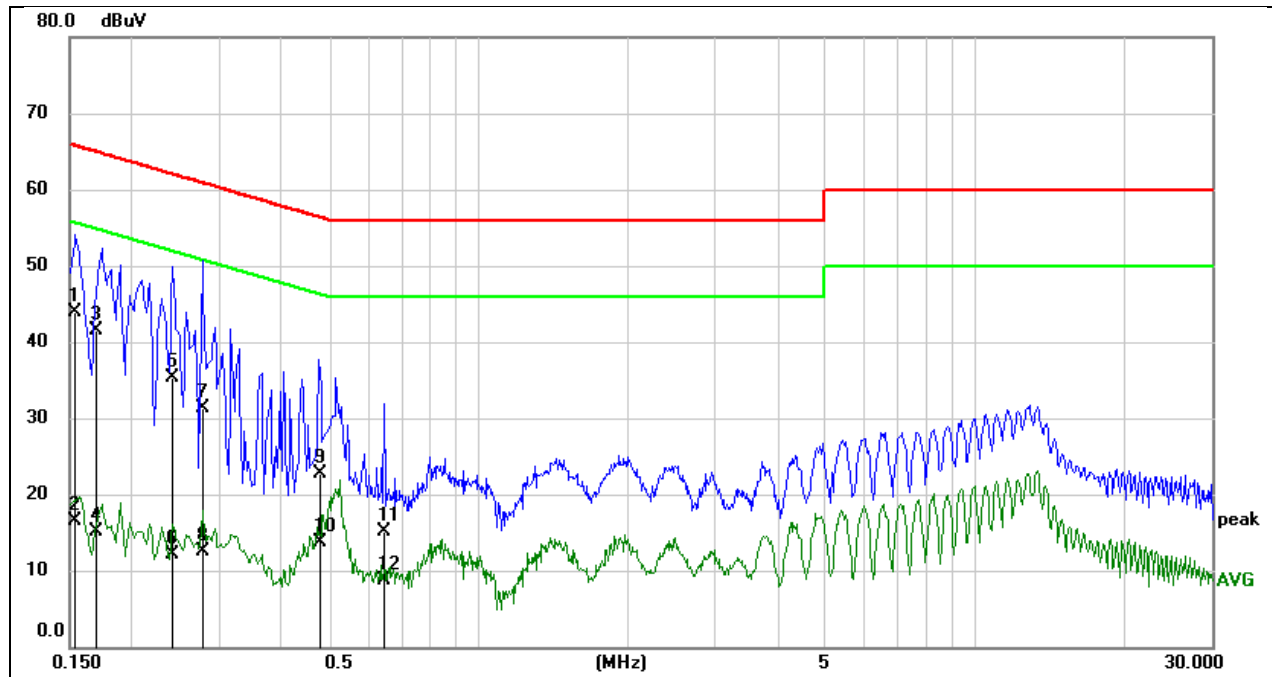
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1617	32.87	10.32	43.19	65.38	-22.19	QP
2	0.1617	4.98	10.32	15.30	55.38	-40.08	AVG
3	0.1782	31.29	10.28	41.57	64.57	-23.00	QP
4	0.1782	3.46	10.28	13.74	54.57	-40.83	AVG
5	0.1979	28.53	10.24	38.77	63.70	-24.93	QP
6	0.1979	1.63	10.24	11.87	53.70	-41.83	AVG
7	0.2355	23.23	10.24	33.47	62.25	-28.78	QP
8	0.2355	0.34	10.24	10.58	52.25	-41.67	AVG
9	0.5191	13.96	10.24	24.20	56.00	-31.80	QP
10	0.5191	6.81	10.24	17.05	46.00	-28.95	AVG
11	12.8095	12.07	10.45	22.52	60.00	-37.48	QP
12	12.8095	5.50	10.45	15.95	50.00	-34.05	AVG

Remark:

1. Result = Reading +Correct (Insertion Loss + Cable Loss + Attenuator Factor)

2. Margin = Result - Limit

Test Mode:	M01	Line:	Neutral
Test Voltage:	AC 120V_60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1546	33.75	10.23	43.98	65.75	-21.77	QP
2	0.1546	6.31	10.23	16.54	55.75	-39.21	AVG
3	0.1698	31.33	10.20	41.53	64.97	-23.44	QP
4	0.1698	4.90	10.20	15.10	54.97	-39.87	AVG
5	0.2405	25.23	10.13	35.36	62.08	-26.72	QP
6	0.2405	1.92	10.13	12.05	52.08	-40.03	AVG
7	0.2785	21.15	10.11	31.26	60.86	-29.60	QP
8	0.2785	2.46	10.11	12.57	50.86	-38.29	AVG
9	0.4804	12.59	10.05	22.64	56.33	-33.69	QP
10	0.4804	3.74	10.05	13.79	46.33	-32.54	AVG
11	0.6497	5.02	10.03	15.05	56.00	-40.95	QP
12	0.6497	-1.40	10.03	8.63	46.00	-37.37	AVG

Remark:

1. Result = Reading +Correct (Insertion Loss + Cable Loss + Attenuator Factor)
2. Margin = Result - Limit

7.2. RADIATED EMISSIONS BELOW 1GHZ

LIMITS

CFR 47 FCC Part 15 Subpart B		
Frequency (MHz)	Field strength (dBuV/m@ 3 m)	
	Class A	Class B
30 - 88	49.5	40
88 - 216	53.9	43.5
216 - 960	56.9	46
Above 960	60	54

ICES-003 Issue 7		
Frequency (MHz)	Field strength (dBuV/m@ 3 m)	
	Class A	Class B
30 - 88	50	40
88 - 216	54	43.5
216 - 230	56.9	46
230 - 960	57	47
Above 960	60	54

Note:

- (1). The tighter limit applies at the band edges
- (2). The different between FCC Part 15 Subpart B limit and ICES-003 Issue 7 limit is only in frequency band 230 MHz to 960 MHz, the limit of FCC Part 15 Subpart B is 1 dB smaller than the limit of ICES-003 Issue 7, if the test result complies with FCC Part 15 Subpart B limit, it deemed to comply with ICES-003 Issue 7 limit.

TEST PROCEDURE

- 1) The testing follows the guidelines in ANSI C63.4-2014.
- 2) The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- 3) The EUT was placed on a turntable with 80cm above ground.
- 4) The EUT was set 3 meters from the interference receiving antenna, test antenna mast is remotely controlled and can be varied in height form 1m to 4m.
- 5) 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.
- 6) 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.

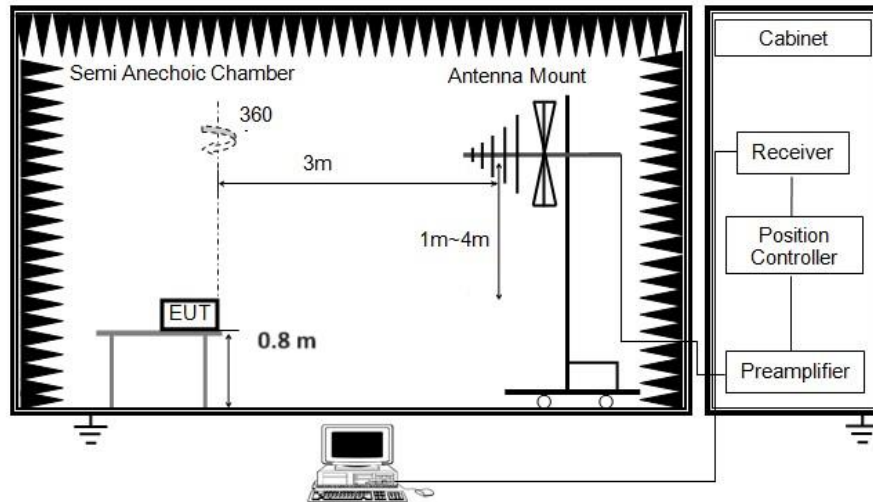
- 7) Cables of hand-operated devices, such as keyboards and mice, shall be placed as for normal used.
- 8) For measurement below 1 GHz, the initial step in collecting radiated emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.

The setting of the spectrum analyser

RBW	100kHz
VBW	300kHz
Detector	Peak / Quasi Peak [#]
Trace	Max hold

[#]: Peak for pre-scan, Quasi Peak for the final result.

TEST SETUP



Below 1 GHz and above 30 MHz

TEST ENVIRONMENT

Temperature	22.4 °C	Relative Humidity	53%
Atmosphere Pressure	101kPa		

TEST DATE / ENGINEER

Test Date	August 9, 2024	Test By	Deacon Tan
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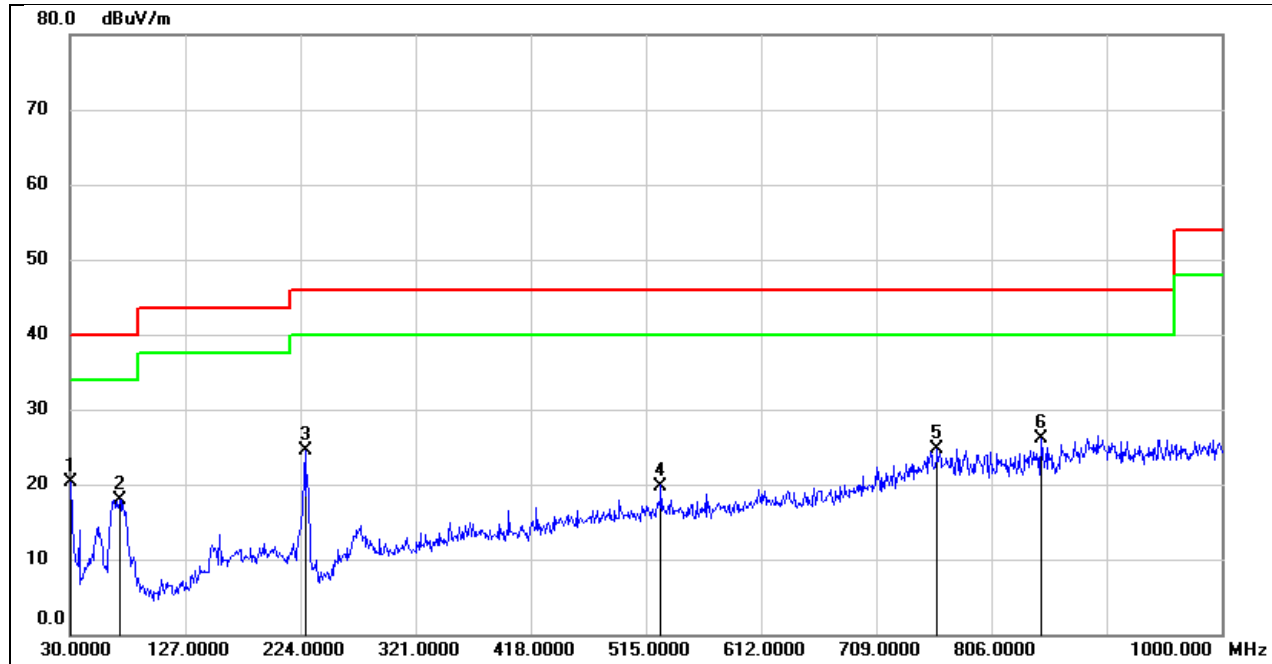
TEST MODE

Pre-test Mode:	M01 ~ M02
Final Test Mode:	M01

Note: All test modes had been tested, but only the worst data recorded in the report.

TEST RESULTS

Test Mode:	M01	Polarity:	Vertical
Test Voltage:	AC120V_60Hz		

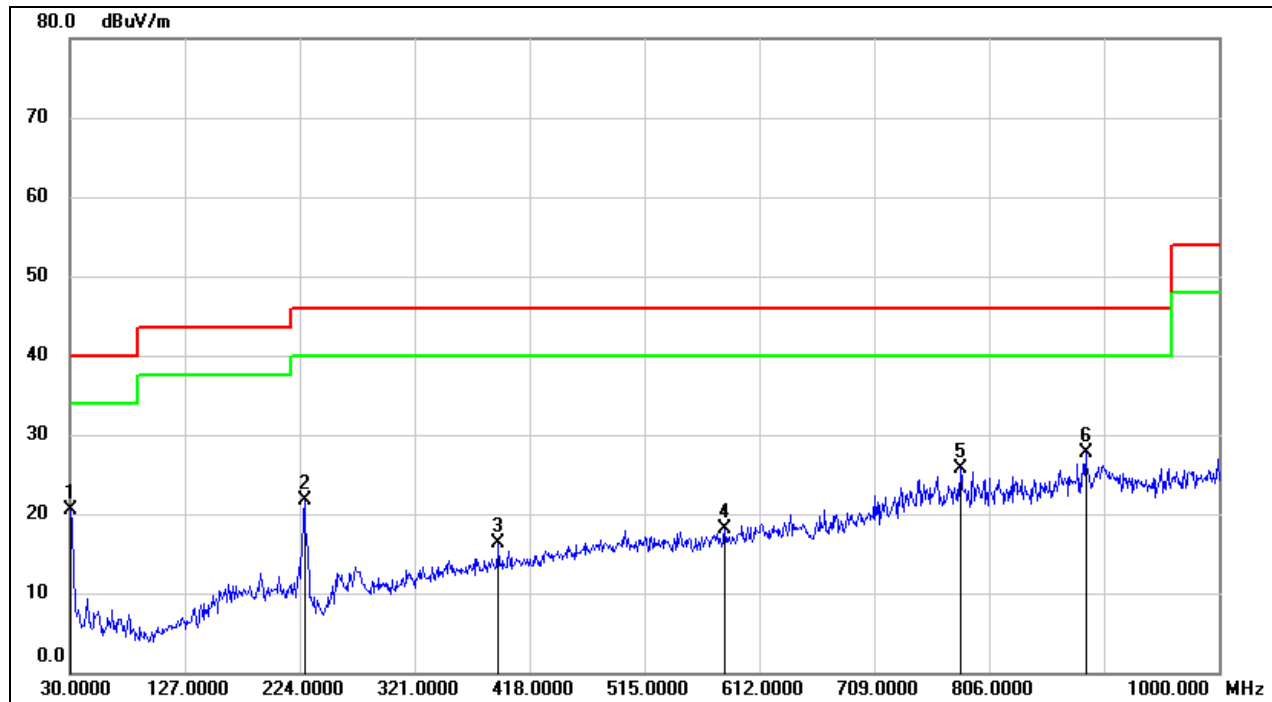


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	30.9700	34.74	-14.37	20.37	40.00	-19.63	QP
2	71.7100	34.14	-16.16	17.98	40.00	-22.02	QP
3	227.8800	37.46	-13.03	24.43	46.00	-21.57	QP
4	527.6100	26.80	-7.00	19.80	46.00	-26.20	QP
5	760.4099	26.74	-2.07	24.67	46.00	-21.33	QP
6	847.7100	27.97	-1.94	26.03	46.00	-19.97	QP

Remark:

1. Result = Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
2. Margin = Result - Limit

Test Mode:	M01	Polarity:	Horizontal
Test Voltage:	AC120V_60Hz		

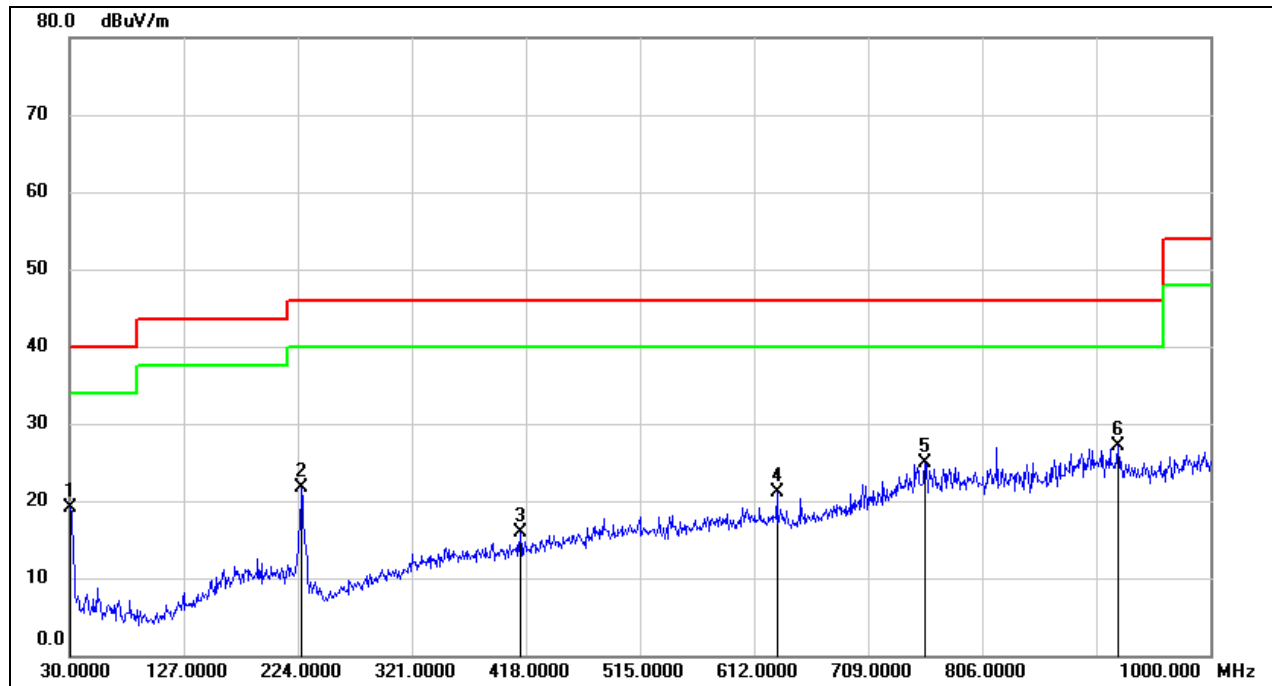


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	30.9700	34.82	-14.37	20.45	40.00	-19.55	QP
2	227.8800	34.68	-13.03	21.65	46.00	-24.35	QP
3	391.8100	25.55	-9.30	16.25	46.00	-29.75	QP
4	582.9000	24.20	-6.15	18.05	46.00	-27.95	QP
5	781.7500	27.76	-2.12	25.64	46.00	-20.36	QP
6	887.4800	28.81	-1.12	27.69	46.00	-18.31	QP

Remark:

1. Result = Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
2. Margin = Result - Limit

Test Mode:	M02	Polarity:	Horizontal
Test Voltage:	DC 4.35V		

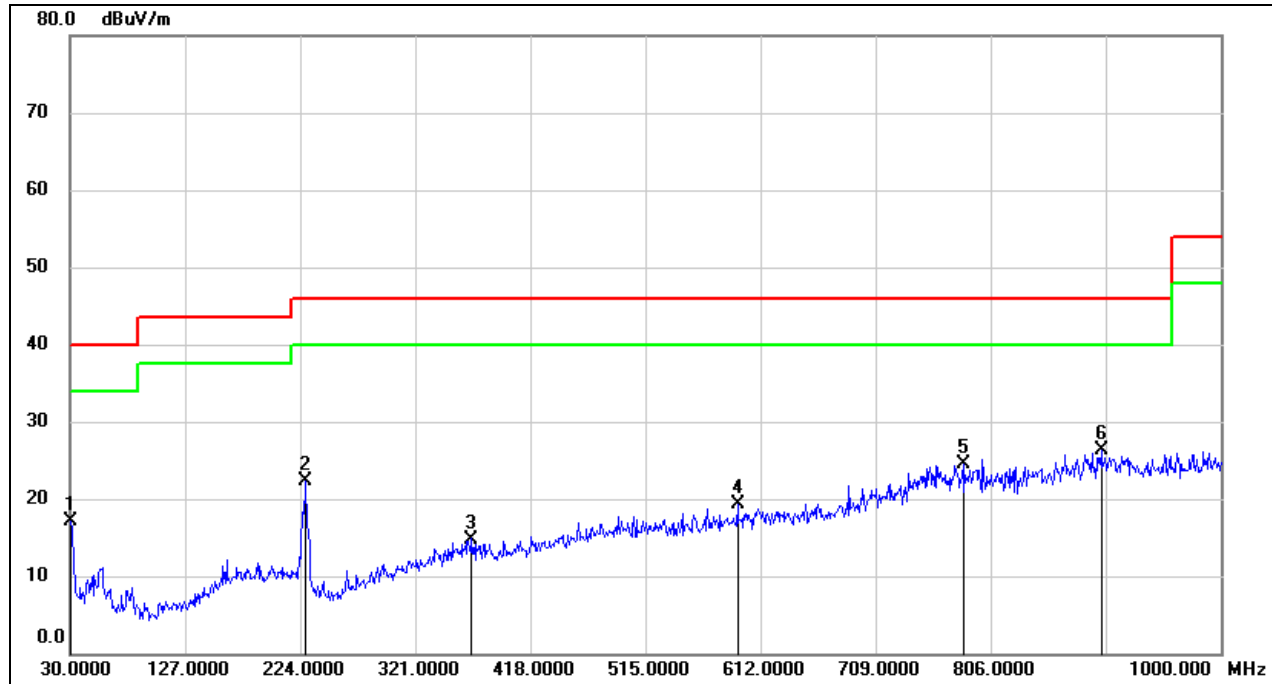


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	30.9700	33.53	-14.37	19.16	40.00	-20.84	QP
2	226.9100	34.64	-12.98	21.66	46.00	-24.34	QP
3	413.1500	24.94	-9.04	15.90	46.00	-30.10	QP
4	631.4000	26.83	-5.82	21.01	46.00	-24.99	QP
5	757.5000	26.92	-2.11	24.81	46.00	-21.19	QP
6	921.4300	28.14	-1.11	27.03	46.00	-18.97	QP

Remark:

1. Result = Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
2. Margin = Result - Limit

Test Mode:	M02	Polarity:	Vertical
Test Voltage:	DC 4.35V		



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	30.9700	31.40	-14.37	17.03	40.00	-22.97	QP
2	228.8500	35.32	-13.08	22.24	46.00	-23.76	QP
3	368.5300	24.05	-9.25	14.80	46.00	-31.20	QP
4	592.6000	25.30	-5.97	19.33	46.00	-26.67	QP
5	782.7199	26.58	-2.13	24.45	46.00	-21.55	QP
6	899.1200	27.07	-0.86	26.21	46.00	-19.79	QP

Remark:

1. Result = Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
2. Margin = Result - Limit

7.3. RADIATED EMISSIONS ABOVE 1GHZ

LIMITS

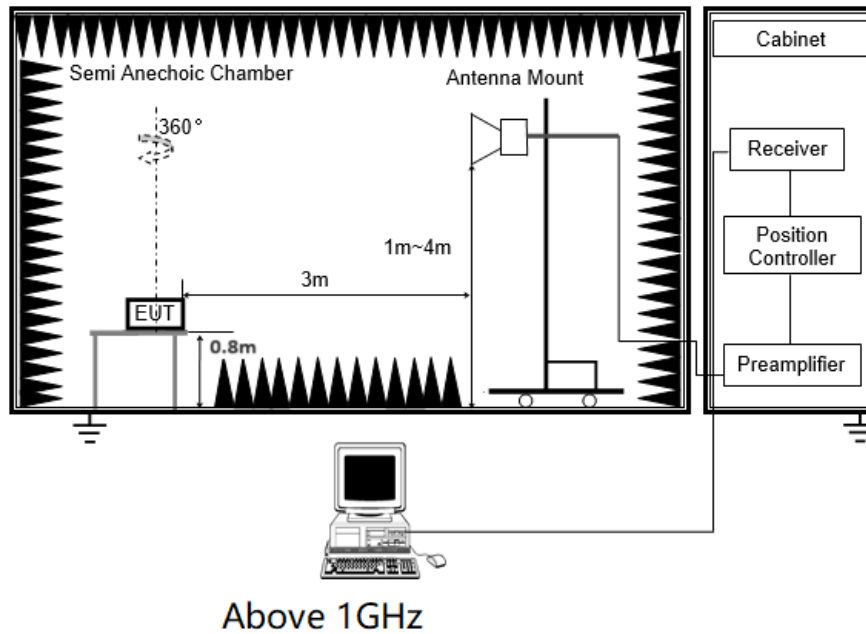
Frequency (MHz)	Field strength (dBuV/m@ 3 m)			
	Class A		Class B	
	Peak	Average	Peak	Average
Above 1000	80	60	74	54

TEST PROCEDURE

- The testing follows the guidelines in ANSI C63.4-2014.
- The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- The EUT was placed on a turntable with 80cm above ground.
- The EUT was set 3 meters from the interference receiving antenna, test antenna mast is remotely controlled and can be varied in height from 1m to 4m.
- 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.
- 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.
- Cables of hand-operated devices, such as keyboards and mice, shall be placed as for normal used.
- For measurement above 1 GHz, the peak emission measurement will be measured by the peak detector. This peak level, once corrected, must comply with the peak limit specified in Section 15.109.
If peak result complies with average limit, average result is deemed to comply with average limit.
- The average emission measurement will be measured by the RMS detector and must comply with the average limit specified in Section 15.109.
- The setting of the spectrum analyser

RBW	1MHz
VBW	3MHz
Detector	Peak value: Peak; Average value: RMS
Trace	Max hold

TEST SETUP



TEST ENVIRONMENT

Temperature	24.3°C	Relative Humidity	55.8%
Atmosphere Pressure	101kPa		

TEST DATE / ENGINEER

Test Date	August 18, 2024	Test By	Mason Wang
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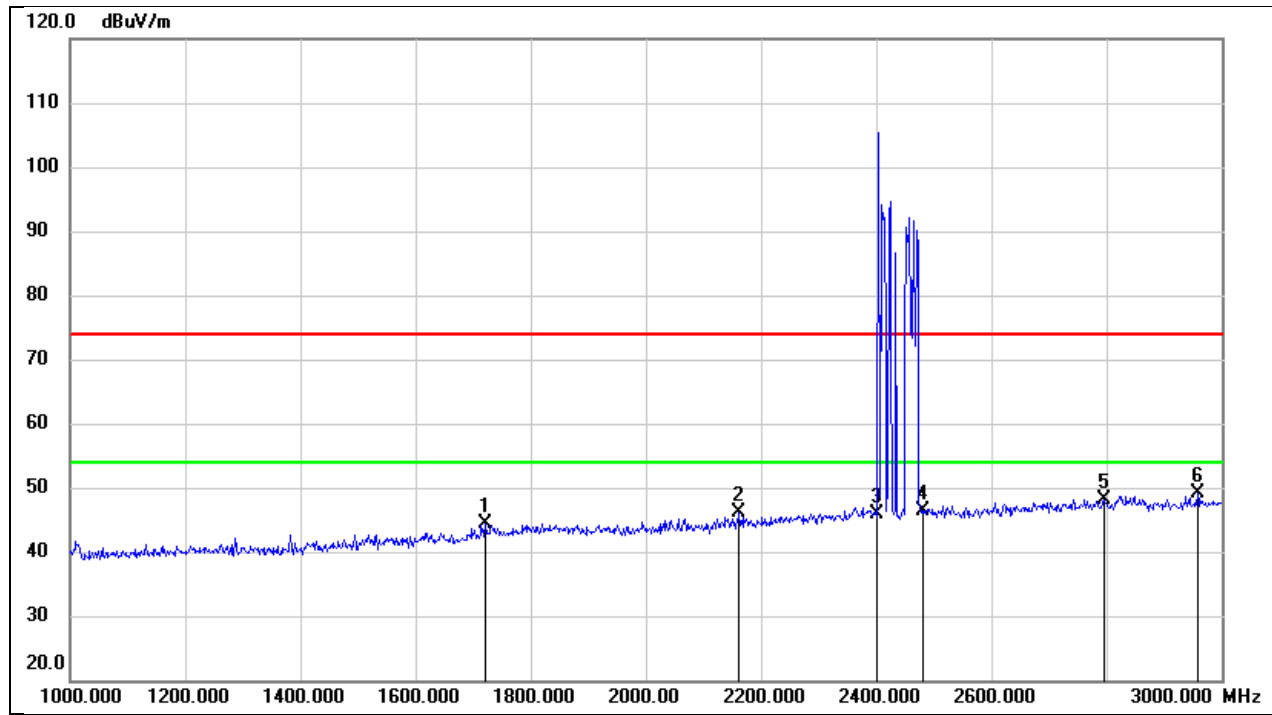
TEST MODE

Pre-test Mode:	M01 ~ M02
Final Test Mode:	M01

Note: All test modes had been tested, but only the worst data recorded in the report.

TEST RESULTS

Test Mode:	M01	Polarity:	Horizontal
Test Voltage:	AC120V_60Hz		

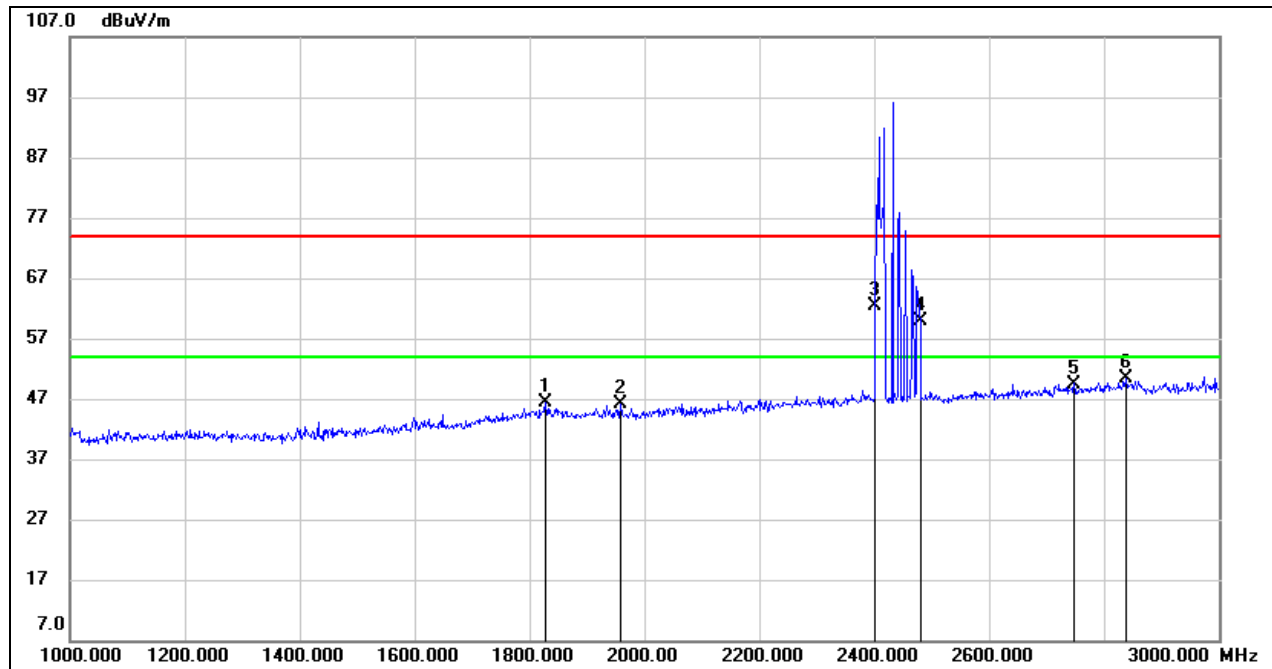


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1722.000	13.85	30.59	44.44	74.00	-29.56	peak
2	2162.000	14.43	31.67	46.10	74.00	-27.90	peak
3	2402.000	12.94	32.83	45.77	/	/	Remark 3
4	2480.000	13.51	32.75	46.26	/	/	Remark 3
5	2796.000	14.64	33.52	48.16	74.00	-25.84	peak
6	2958.000	15.27	33.89	49.16	74.00	-24.84	peak

Remark:

1. Result = Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
2. Margin = Result – Limit
3. All the frequencies between mark 3 and mark 4 are the fundamental frequency which were transmitted by wireless module from EUT

Test Mode:	M01	Polarity:	Vertical
Test Voltage:	AC120V_60Hz		

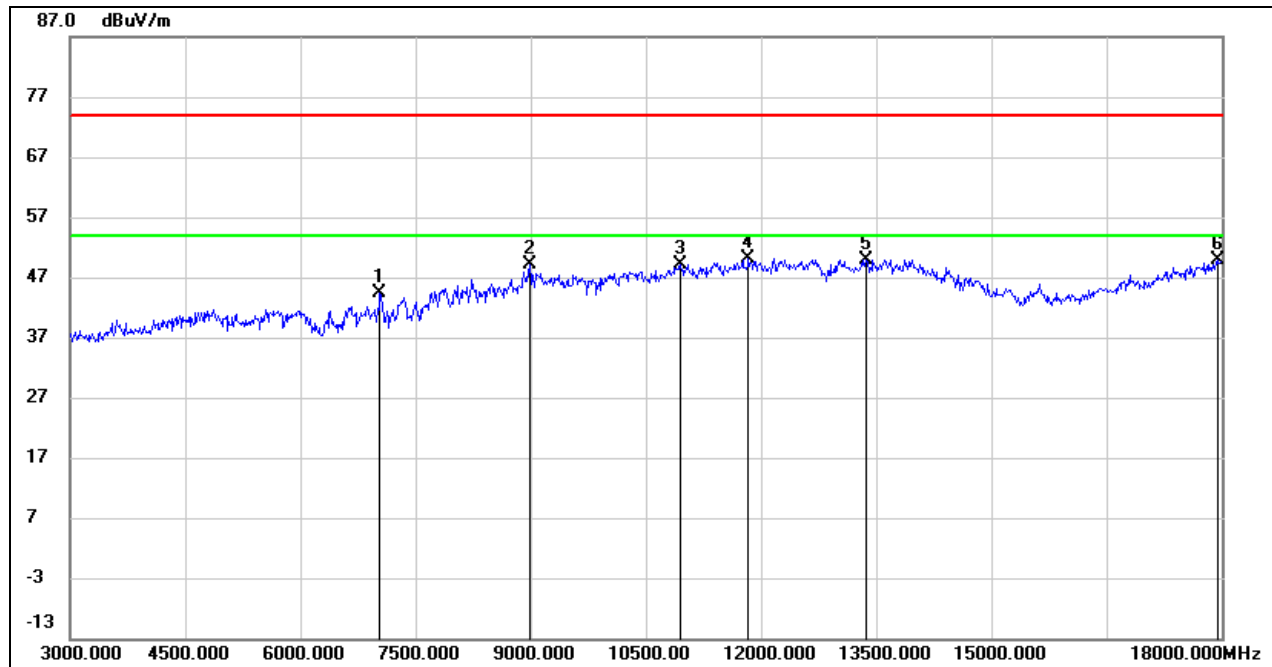


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1828.000	14.80	31.62	46.42	74.00	-27.58	peak
2	1958.000	14.28	31.73	46.01	74.00	-27.99	peak
3	2402.000	28.62	33.65	62.27	/	/	Remark 3
4	2480.000	26.28	33.55	59.83	/	/	Remark 3
5	2748.000	15.14	34.36	49.50	74.00	-24.50	peak
6	2838.000	15.73	34.76	50.49	74.00	-23.51	peak

Remark:

1. Result = Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
2. Margin = Result – Limit
3. All the frequencies between mark 3 and mark 4 are the fundamental frequency which were transmitted by wireless module from EUT

Test Mode:	M01	Polarity:	Horizontal
Test Voltage:	AC 120V_60Hz		

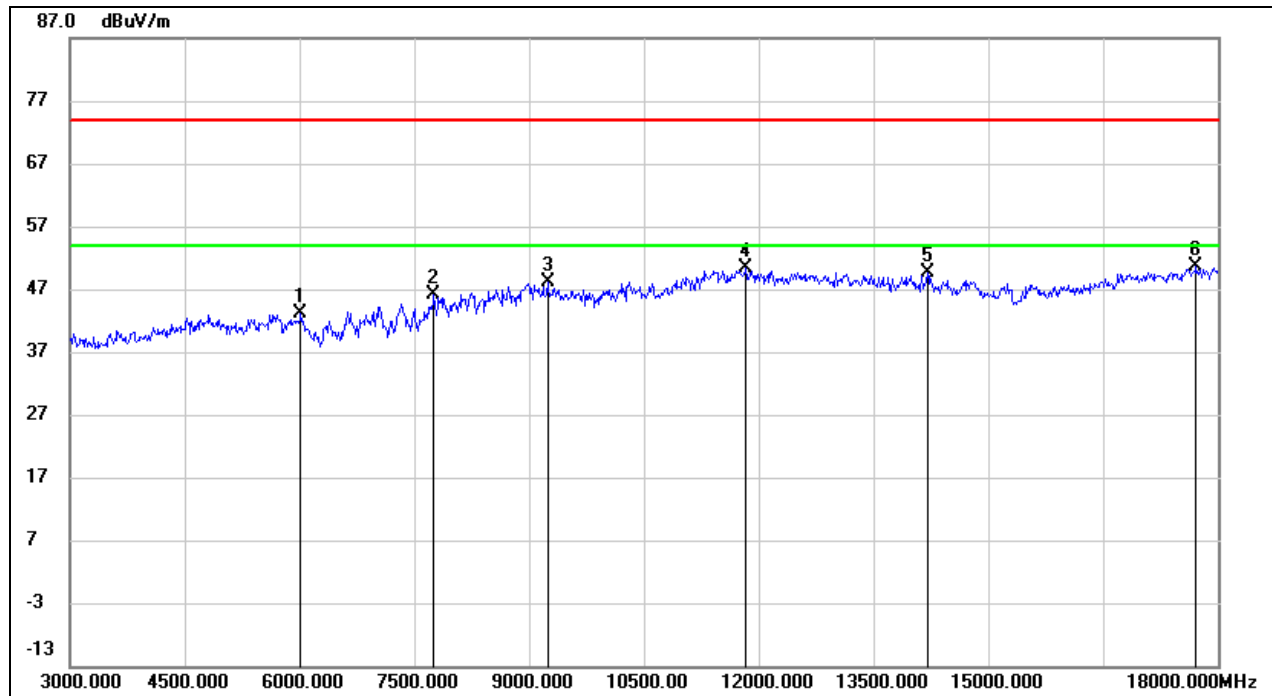


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7035.000	36.89	7.39	44.28	74.00	-29.72	peak
2	8985.000	37.95	11.07	49.02	74.00	-24.98	peak
3	10950.000	34.65	14.56	49.21	74.00	-24.79	peak
4	11835.000	32.75	17.29	50.04	74.00	-23.96	peak
5	13365.000	29.08	20.92	50.00	74.00	-24.00	peak
6	17940.000	21.92	28.01	49.93	74.00	-24.07	peak

Remark:

1. Result = Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
2. Margin = Result – Limit
3. The high pass filter loss factor already add into the correct factor.
4. Proper operation of the transmitter prior to adding the filter to the measurement chain.

Test Mode:	M01	Polarity:	Vertical
Test Voltage:	AC 120V_60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6015.000	38.89	4.18	43.07	74.00	-30.93	peak
2	7755.000	38.11	8.03	46.14	74.00	-27.86	peak
3	9240.000	37.69	10.41	48.10	74.00	-25.90	peak
4	11835.000	34.39	16.06	50.45	74.00	-23.55	peak
5	14205.000	28.50	21.01	49.51	74.00	-24.49	peak
6	17715.000	25.18	25.41	50.59	74.00	-23.41	peak

Remark:

1. Result = Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
2. Margin = Result – Limit
3. The high pass filter loss factor already add into the correct factor.
4. Proper operation of the transmitter prior to adding the filter to the measurement chain.

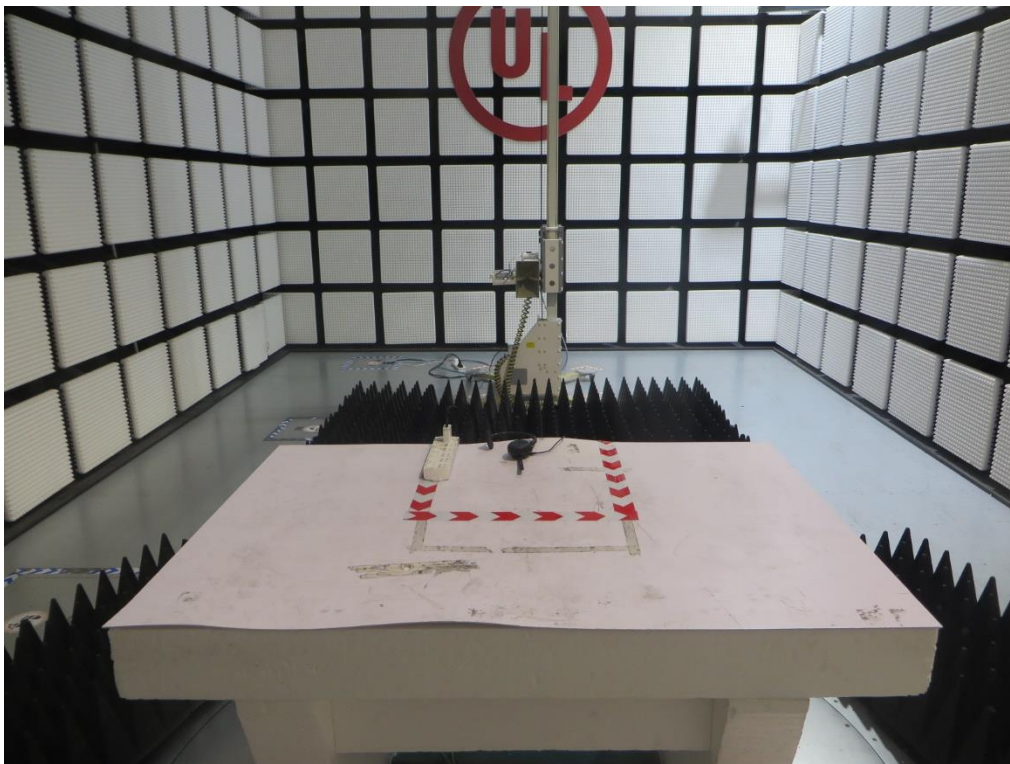
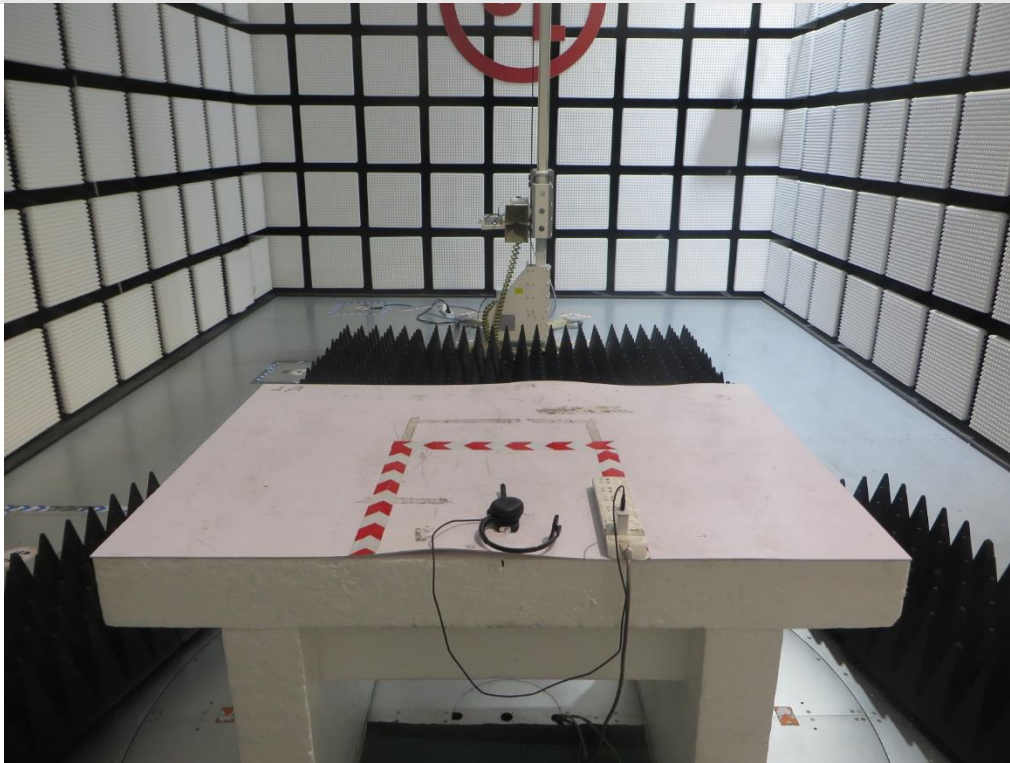
APPENDIX: PHOTOGRAPHS OF TEST CONFIGURATION

Conducted emissions





Radiated emissions above 1GHz



APPENDIX: PHOTOGRAPHS OF THE EUT

External Photos





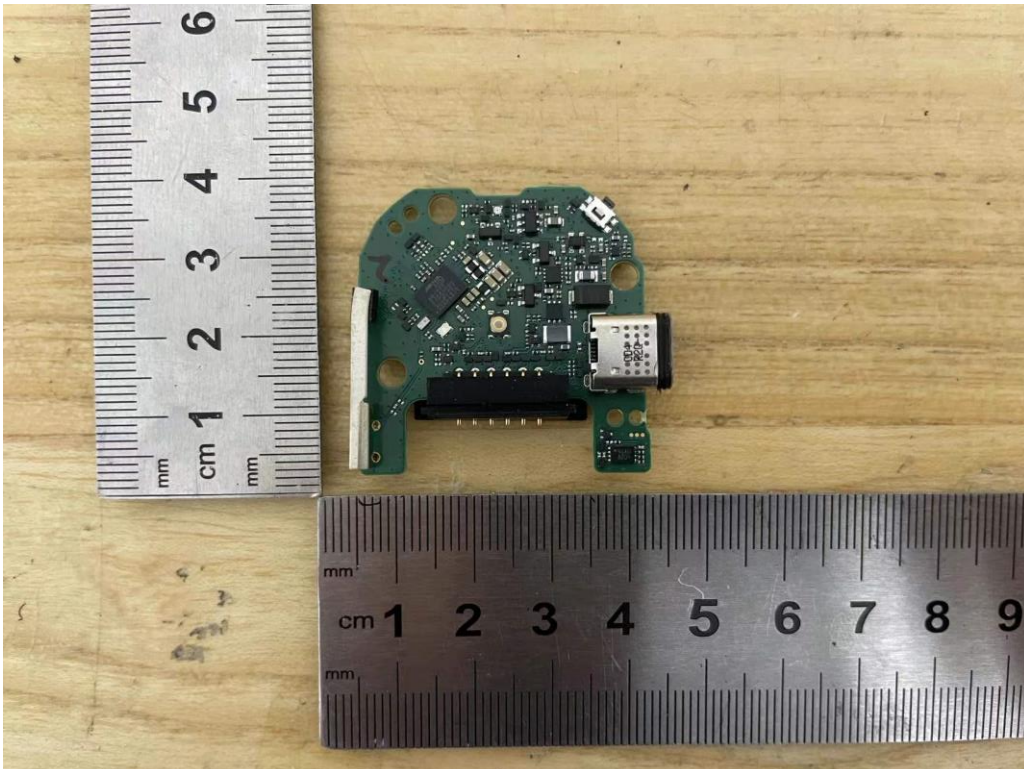
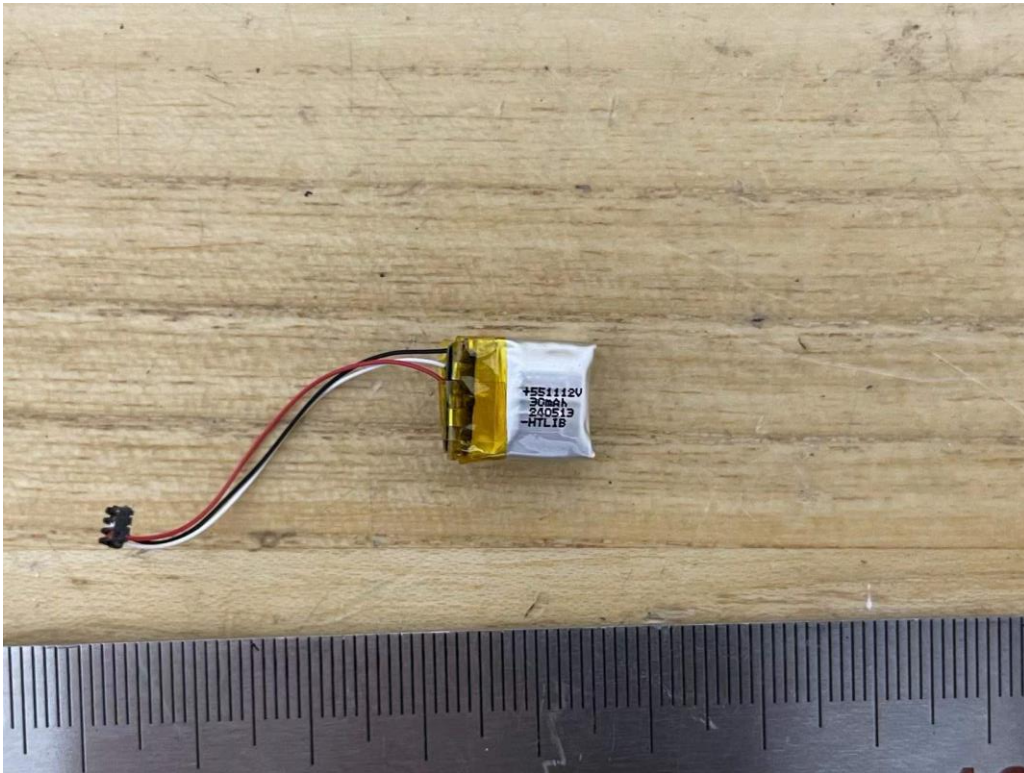


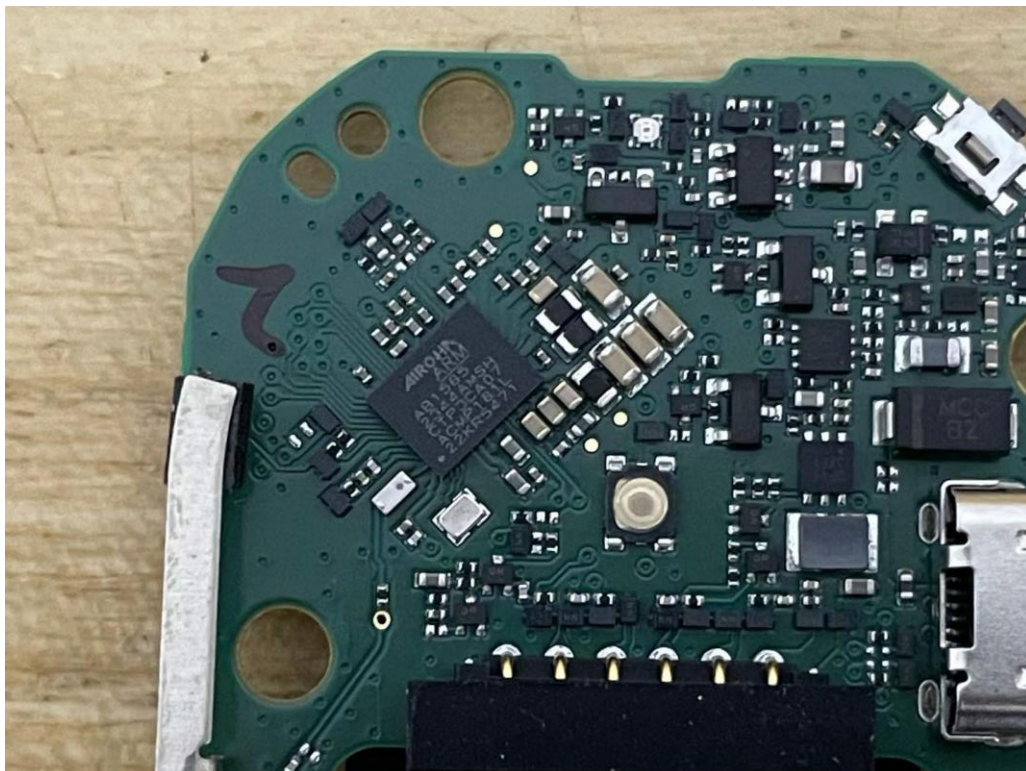
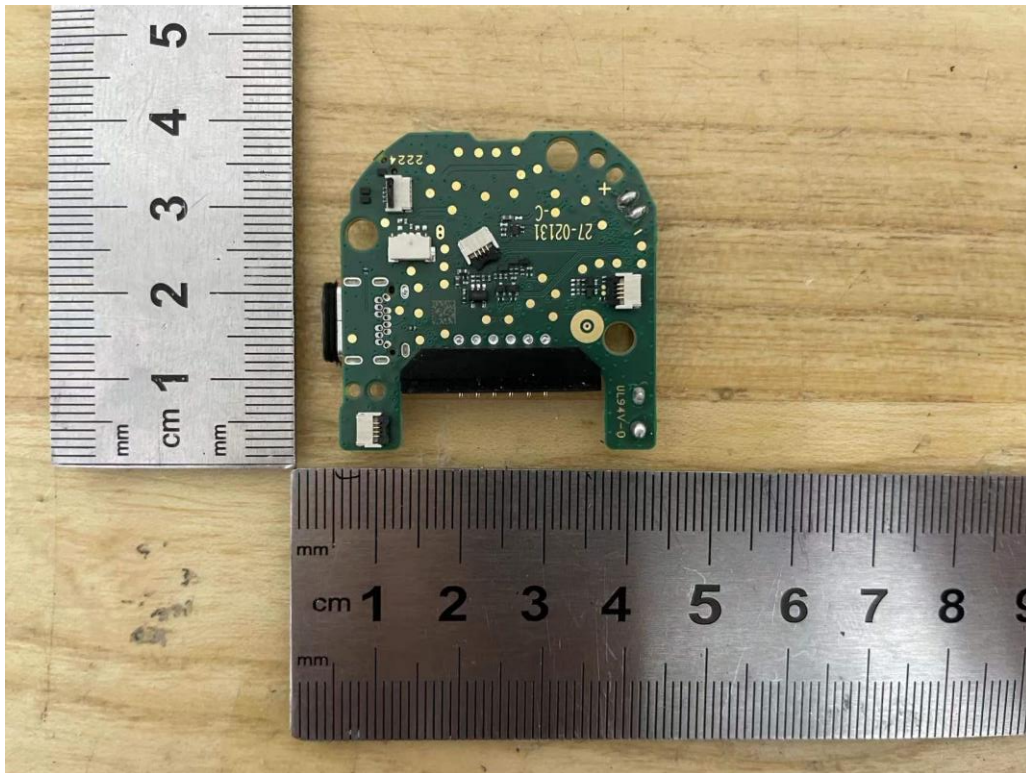


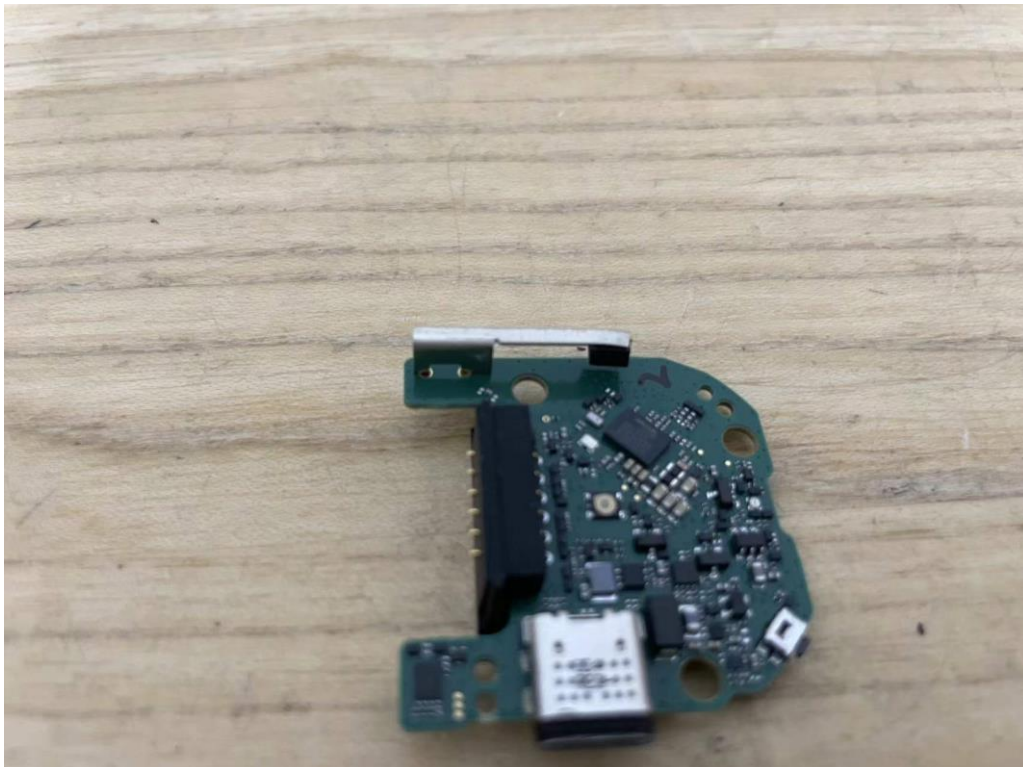


Internal Photos









END OF REPORT