

TEST REPORT

Bluetooth Headset

Model: OTE800

Brand: BlueParrott

Applicant for FCC:

GN Audio USA Inc.

900 Chelmsfort St, Tower 2, Floor 8, Lowell, Massachusetts, United states

Applicant for ISED:

GN Audio A/S

Lautrupbjerg 7, Ballerup, DK-2750, Denmark

Prepared by:

Audix Technology Corporation, EMC Department

No. 491, Zhongfu Rd., Linkou Dist.,

New Taipei City 244, Taiwan



File No.	:	C1M2512137
Report No.	:	EM-F260082
Date of Report	:	2026. 02. 23

The test report is based on a single evaluation of one sample of the above-mentioned products. It does not imply an assessment of the whole production and does not permit the use of the test lab logo.

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

Test Report

Applicant For FCC : GN Audio USA Inc.
Applicant For ISED : GN Audio A/S
EUT Description
(1) Product : Bluetooth Headset
(2) Model Number : OTE800
(3) Brand : BlueParrott
(4) Power Rating : DC 5V by Charging or 3.87V by Lithium Battery

Rules of Compliance and Applicable Standards:

Title 47 FCC CFR, Part 15, Subpart B, Class B
ICES-003 Issue 7:October 2020, Class B
ANSI C63.4-2014 / ANSI C63.4a-2017

The device described above was tested by Audix Technology Corporation to determine the maximum emission levels emanating from the device. All of the tests were requested by the applicant and the results thereof based upon the information that the applicant provided to us. We, Audix Technology Corporation assumes full responsibility for the accuracy and completeness of these measurements. This report is made under FCC Part 2.938 and ICES-003 chapter 4, and shows that the EUT is technically compliance with the class B limit for both **FCC rule and ICES standard** described as above.

No modifications were required during testing to bring this product into compliance.

This report applies to above tested sample only and shall not be reproduced in part without written approval of Audix Technology Corporation.

Date of Report: 2026. 02. 23

Reviewed by:



(Annie Yu/Section Manager)

Approved by:



(Alex Deng/Manager)

Name of the Representative of the Responsible Party:

Signature:

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APPENDIX I (Lab. Certificates)

APPENDIX II (Photos of EUT)

1. Revision of Test Report

Issued Date	Edition No.	Revision Summary	Report Number
2026. 02. 23	0	Original Report.	EM-F260082

2. Summary of Test Result

2.1. Test Result

Test Item	Referred Rules/Standard	Limit	Result
Power-line conducted emission	Title 47 FCC CFR Part 15 Subpart B andICES-003 Issue 7	Class B	Pass
			Margin 9.75dB at 0.732MHz
Radiated emissions (30 – 1000MHz)	Title 47 FCC CFR Part 15 Subpart B andICES-003 Issue 7	Class B	Pass
			Margin 6.45dB at 53.280MHz (Vertical,1.00m/287°)
Radiated emissions (Above 1GHz)	Title 47 FCC CFR Part 15 Subpart B andICES-003 Issue 7	Class B	Pass
			Margin 10.30dB at 17835.550MHz
Note :			
1. The uncertainties value is not used in determining the result.			
2. N/A is an abbreviation for Not Applicable.			
3. Special measures: None.			
4. Decision and justification not to measure: None.			
5. The FCC Part 15 Subpart B emission measurement results are deemed satisfactory evidence of compliance with ICES-003 regulations.			

2.2. Description of Test Firm

Name of Test Firm	Audix Technology Corporation / EMC Department No. 491, Zhongfu Rd., Linkou Dist., New Taipei City 244, Taiwan Tel: +886-2-26092133 Fax: +886-2-26099303 Website : www.audixtech.com Contact e-mail: attemc_report@audixtech.com
Accreditations	The laboratory is accredited by following organizations under ISO/IEC 17025:2017 (1) NVLAP(USA) NVLAP Lab Code 200077-0 (2) TAF(Taiwan) No. 1724
Test Facilities	FCC OET Designation Number under APEC MRA by BSMI is : TW1004 & TW1090 (1) No. 8 Shielding Room (2) No. 3 3m Semi Anechoic Chamber (3) No. 2 10m Semi Anechoic Chamber

3. General Information

The EUT's information described in this section are all provided by the applicant.

3.1. Description of Application

Applicant For FCC	GN Audio USA Inc. 900 Chelmsfort St, Tower 2, Floor 8, Lowell, Massachusetts, United states
Applicant For ISED	GN Audio A/S Lautrupbjerg 7, Ballerup, DK-2750, Denmark
Product	Bluetooth Headset
Brand	BlueParrott
Model	OTE800
FCC ID	BCE-OTE800
IC	2386C-OTE800

3.2. Description of the EUT

Test Model	OTE800
Serial Number	N/A
Power Rating	DC 5V (USB) DC 3.87V (Battery)
Software Version	N/A
Sample Status	Trial sample
Date of Receipt	2025. 12. 16
Date of Test	2026. 02. 12 ~ 13
Interface Ports of EUT	• Type C Port x 1
Accessories Supplied	• Type C Cable: 1.2m

3.3. Highest Frequency within EUT

The highest frequency generated of EUT is above 108MHz. The highest measured frequency is performed according to the requirement of FCC Part 15.33.

3.4. List of Key Components of EUT

Item	Supplier/Brand	Model	Specification
VDL Battery	Shenzhen VDL Electronics Co., Ltd.	651936PF5	645mAh/3.87V
Mic-Power Battery	Guangdong Mic-power New Energy Co., Ltd.	M651935	650mAh/3.87V

3.5. Determination of Worse Case Operating Modes

According to the specification, the EUT was estimated to determine the highest emissions by following configurations:

Test Item	Test Mode	Battery	Operating Mode
Power-line conducted emission	Mode 1	VDL	Charge
	Mode 2	Mic-Power	Charge
Radiated emission	Mode 1	VDL	Charge
	Mode 2	Mic-Power	Charge
	Mode 3	VDL	Play 1kHz
	Mode 4	Mic-Power	Play 1kHz

3.6. Final Test Configuration

The worst showed as following configuration was recorded in this report.

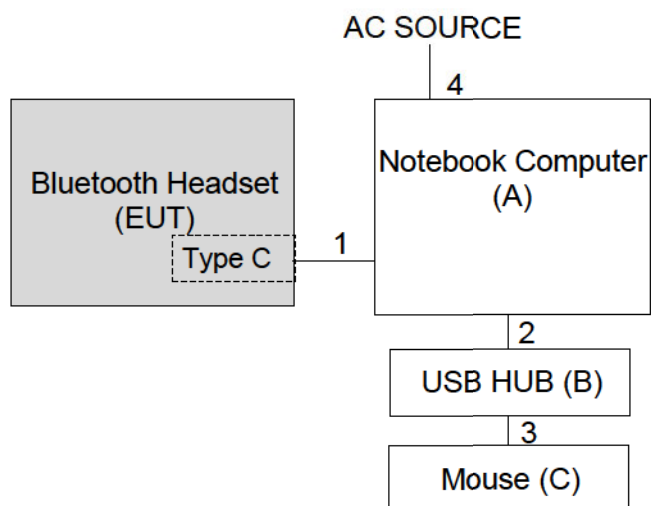
Test Item	Test Mode	Battery	Operating Mode
Power-line conducted emission	Mode 1	VDL	Charge
Radiated emission (30 – 1000MHz)	Mode 1	VDL	Charge
Radiated emission (above 1GHz)	Mode 3	VDL	Play 1kHz

4. Measurement Arrangement

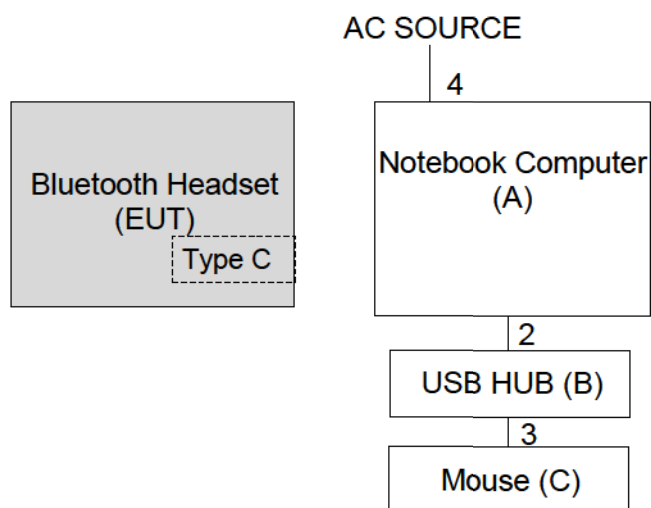
4.1. Equipment and cables arrangement

- Connection Diagram of EUT and Peripheral Devices

****Worst mode- Charge ****



Worst mode- Play 1kHz *



4.2. Method of Exercising EUT

The methods for exercising the EUT during the measurement specified in ANSI C63.4 2014 clause 11.2, 11.3 and figure 16 were used.

Charge Mode	The EUT was linked to notebook computer and charging.
Play Mode	Notebook computer sent 1kHz via BT transmitting to the EUT.

4.3. List of Supported Units under Test

No.	Product	Brand	Model No.	Serial No.	Remarks
A	LED TV	Lenovo	Yoga Slim 7 Pro 14IAH7	PF45LTDQ	N/A
B	USB HUB	POLYWELL	N/A	N/A	N/A
C	USB Mouse	Lenovo	SM-8823	8SSM50L24506 AVLC99H048H	By DoC

4.4. List of Used Cables under Test

No.	Descriptions	Qty.	Length(m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1	Type C Cable	1	1.2	Yes	0	Provided by appliance
2	USB Cable	1	0.14	Yes	0	Provided by LAB
3	USB Cable	1	1.8	Yes	0	Provided by LAB
4	AC Power Cord	1	1.8	No	0	Provided by LAB

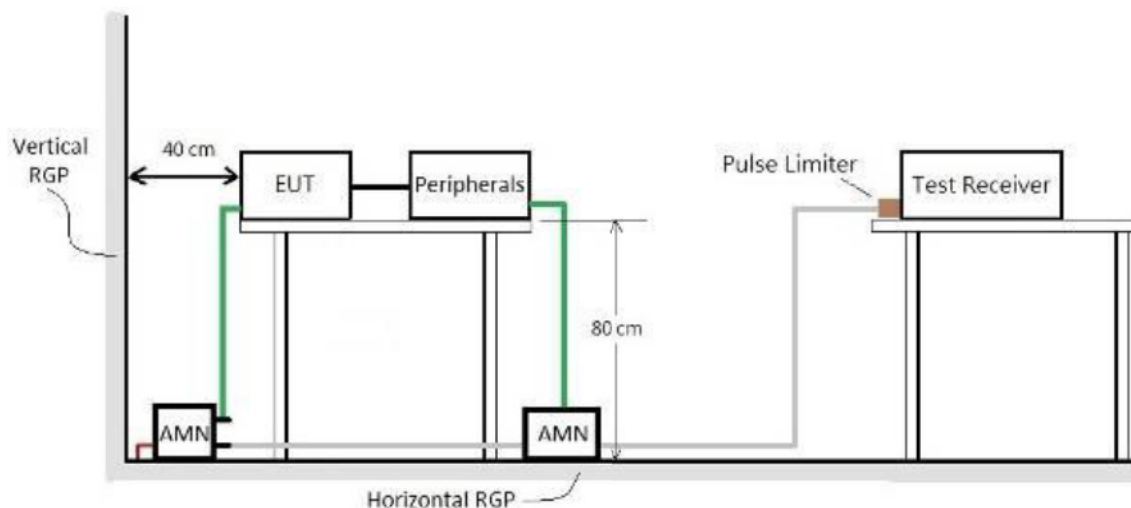
5. Measurement of Conducted Emissions

5.1. List of Test Instruments

Item	Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Interval
1	Test Receiver	R&S	ESR3	101774	2025.12.30	1 Year
2	A.M.N.	R&S	ENV432	101567	2025.06.04	1 Year
3	L.I.S.N.	Kyoritsu	KNW-407	8-1370-9	2026.01.29	1 Year
4	Pulse Limiter	R&S	ESH3-Z2	100354	2025.12.04	1 Year
5	Digital Thermo-Hygro Meter	iMax	HTC-1	No.8 S/R	2025.04.09	1 Year
6	Signal Cable	Yeida	RG/58AU	CE-08	2025.09.04	1 Year
8	Test Software	Audix	e3	V9 18621a	N.C.R.	N.C.R.

5.2. Test Setup

The EUT and test equipment were configured in accordance with the requirement of ANSI C63.4-2014 clause 5.2.



5.3. Power-line Conducted Emission Limits

Frequency Range (MHz)	Class A Limits		Class B Limits	
	Quasi Peak dB(μV)	Average dB(μV)	Quasi Peak dB(μV)	Average dB(μV)
0.15 – 0.50	79	66	66 – 56*	56 – 46*
0.50 – 5.0	73	60	56	46
5.0 – 30			60	50

Note:* Decreases with the logarithm of the frequency.

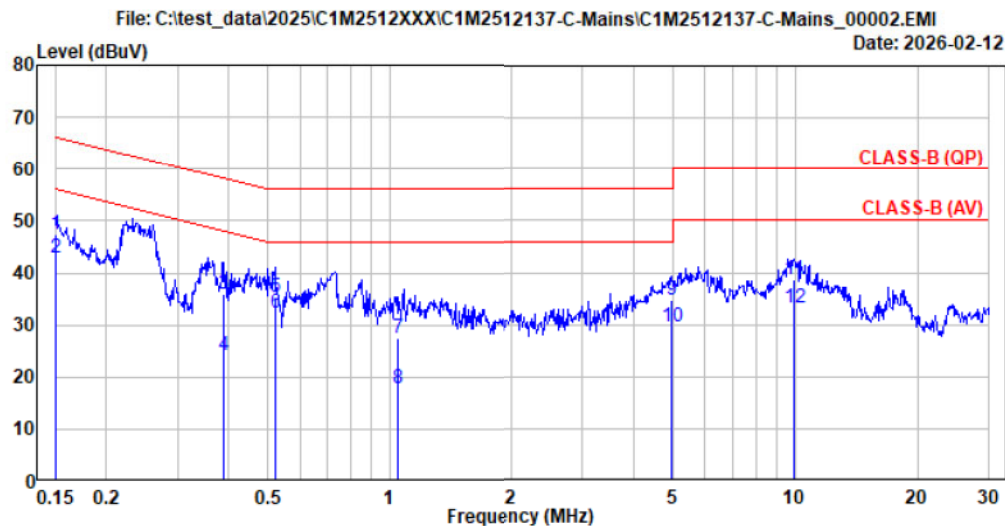
5.4. Measurement Procedure

The power-line conducted emission measurement was performed in accordance with the procedure of ANSI C63.4-2014 clause 7.3.

- Setup the EUT and associated equipment described as section 4.1, and they were located 40cm from the vertical conducting plane.
- Connect the EUT power cord to the main A.M.N and associated equipment to the second A.M.N. All ports of the A.M.N not connecting to the measuring equipment was terminated into 50 ohm resistive load.
- Setup the resolution bandwidth of the test receiver at 9kHz (while testing within 0.15 to 30MHz).
- Operate the EUT system as described in section 4.2.
- Both sides of A.C. line were checked for maximum conducted interference. In order to find the maximum emission, all of the interconnecting cables were manipulated.
- For the exploratory measurement, determine the highest emission amplitude relative to the limit on each of the EUT power cord with the peak detector by each of the EUT operation over the specified frequency range and record it.
- For final measurement, select the EUT operation mode that produced the highest amplitude in the exploratory measurement to determine the highest emissions with each specified detector and record it. All of the current-carrying conductors of each of the EUT power cords, except the ground conductor, must be measured over the specified frequency range.
- The measurement result was calculated by following formula:
$$\text{Emission Level (dB}\mu\text{V)} = \text{Reading (Receiver) (dB}\mu\text{V)} + \text{Factor (A.M.N) (dB)} + \text{Cable Loss (dB)} + \text{Pulse Limiter (dB)}$$
- If the average limit is met when using a Quasi-Peak detector receiver, the EUT is deemed to meet both limits and measurement with the average detector is unnecessary.

5.5. Measurement Result

Test Phase	Neutral	Test Result	Pass
Test Mode	Mode 1		

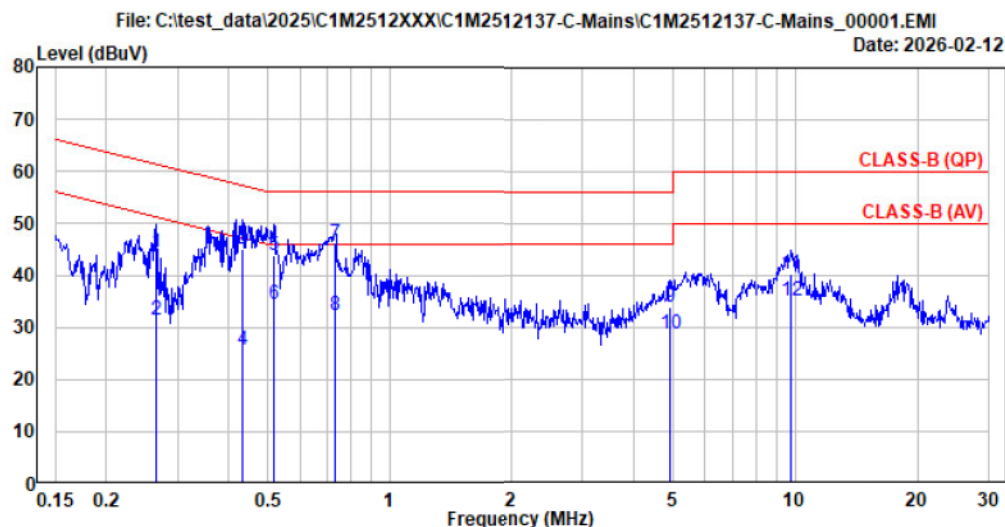


Site No.	: No.8 Shielded Room	Data No.	: 2
Instrument 1	: Receiver ESR(774)		
Instrument 2	: ENV432 (567)(A) CE-08 ESH3-Z2 (354)		
Limit	: CLASS-B (QP)	Phase	: Neutral
Environment	: 21°C/62%	Test Rating	: 120Vac/60Hz
EUT Model	: OTE800	Engineer	: Roy Hung
Test Mode	: Mode 1		

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)	Margin (dB)	Remark
1	0.151	10.32	0.03	9.85	27.09	47.29	65.96	18.67	QP
2	0.151	10.32	0.03	9.85	22.62	42.82	55.96	13.14	Average
3	0.391	10.30	0.03	9.85	15.86	36.04	58.05	22.01	QP
4	0.391	10.30	0.03	9.85	4.06	24.24	48.05	23.81	Average
5	0.522	10.31	0.03	9.85	15.09	35.28	56.00	20.72	QP
6	0.522	10.31	0.03	9.85	12.00	32.19	46.00	13.81	Average
7	1.048	10.32	0.04	9.85	7.12	27.33	56.00	28.67	QP
8	1.048	10.32	0.04	9.85	-2.42	17.79	46.00	28.21	Average
9	4.962	10.44	0.09	9.87	14.43	34.83	56.00	21.17	QP
10	4.962	10.44	0.09	9.87	9.27	29.67	46.00	16.33	Average
11	9.921	10.62	0.14	9.89	17.90	38.55	60.00	21.45	QP
12	9.921	10.62	0.14	9.89	12.64	33.29	50.00	16.71	Average

Remarks: 1. Emission Level(dBμV)= AMN Factor(dB) + Cable Loss(dB) + Pulse Att.(dB) + Reading(dBμV).

Test Phase	Line	Test Result	Pass
Test Mode	Mode 1		



Site No.	: No.8 Shielded Room	Data No.	: 1
Instrument 1	: Receiver ESR(774)		
Instrument 2	: ENV432 (567)(A) CE-08 ESH3-Z2 (354)		
Limit	: CLASS-B (QP)	Phase	: Line
Environment	: 21°C/62%	Test Rating	: 120Vac/60Hz
EUT Model	: OTE800	Engineer	: Roy Hung
Test Mode	: Mode 1		

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)	Margin (dB)	Remark
1	0.265	10.33	0.03	9.85	24.09	44.30	61.28	16.98	QP
2	0.265	10.33	0.03	9.85	11.12	31.33	51.28	19.95	Average
3	0.434	10.32	0.03	9.85	24.76	44.96	57.18	12.22	QP
4	0.434	10.32	0.03	9.85	5.43	25.63	47.18	21.55	Average
5	0.516	10.32	0.03	9.85	23.62	43.82	56.00	12.18	QP
6	0.516	10.32	0.03	9.85	14.12	34.32	46.00	11.68	Average
7	0.732	10.33	0.04	9.85	26.03	46.25	56.00	9.75	QP
8	0.732	10.33	0.04	9.85	12.00	32.22	46.00	13.78	Average
9	4.913	10.40	0.09	9.87	13.37	33.73	56.00	22.27	QP
10	4.913	10.40	0.09	9.87	8.37	28.73	46.00	17.27	Average
11	9.774	10.52	0.14	9.89	19.62	40.17	60.00	19.83	QP
12	9.774	10.52	0.14	9.89	14.52	35.07	50.00	14.93	Average

Remarks: 1. Emission Level(dBμV)= AMN Factor(dB) + Cable Loss(dB) + Pulse Att.(dB) + Reading(dBμV).

6. Measurement of Radiated Emissions

6.1. List of Test Instruments

- For measurement of 30 to 1000MHz frequency range

Item	Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Interval
1.	Spectrum Analyzer	Agilent	N9010A-526	MY52220368	2025.11.07	1 Year
	Test Receiver	R&S	ESCI7	100923	2026.02.04	1 Year
2.	Bilog Antenna	TESEQ	CBL6112D	33820	2026.02.06	1 Year
3.	Amplifier	HP	8447D	2944A06669	2025.05.06	1 Year
4.	Digital Thermo-Hygro Meter	iMax	HTC-1	No.3 3m A/C	2025.04.09	1 Year
5.	Signal Cable	HUBER+SUHNER	S07212BD	RE-16	2025.05.08	1 Year
6.	Test Software	Audix	e3	V9 18621a	N.C.R.	N.C.R.

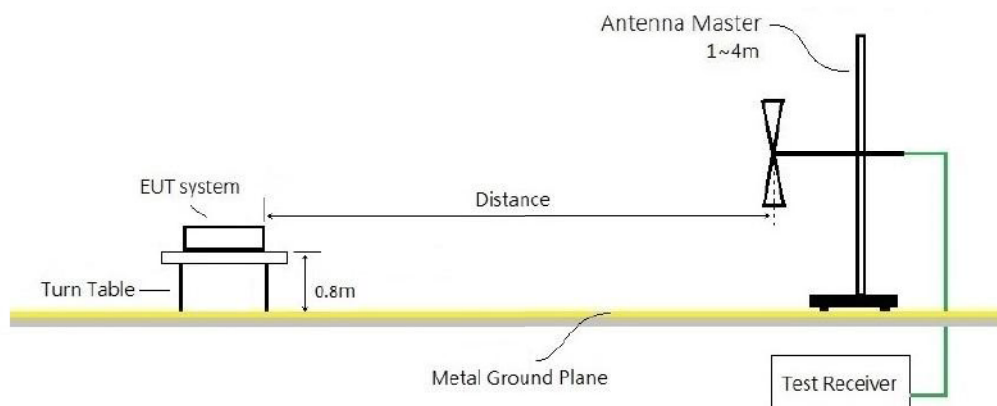
- For measurement of above 1GHz frequency range

Item	Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Interval
1.	Spectrum Analyzer	R&S	FSV40	101426	2025.11.10	1 Year
2.	Microwave Preamplifier (1-18GHz)	EMCI	EMC0518A45SE	980906	2025.07.07	1 Year
3.	Double-Ridged Waveguide Horn (1-18GHz)	ETS-Lindgren	3117	00114403	2025.03.25	1 Year
4.	Signal Cable (1-18GHz)	EMCI	EMC 104	RE-28	2025.03.21	1 Year
5.	Test Software	Audix	e3	V9 18621a	N.C.R.	N.C.R.
6.	Digital Thermo-Hygro Meter	iMax	HTC-1	No.2 10m A/C	2025.04.09	1 Year
7.	2.4GHz Notch Filter	K&L Microwave	7NSL10-2441.5/E13 0.5-O/O	1	2025.04.10	1 Year
8.	High-Pass Filter	Microwave	H3G018G1	484796	2025.04.10	1 Year

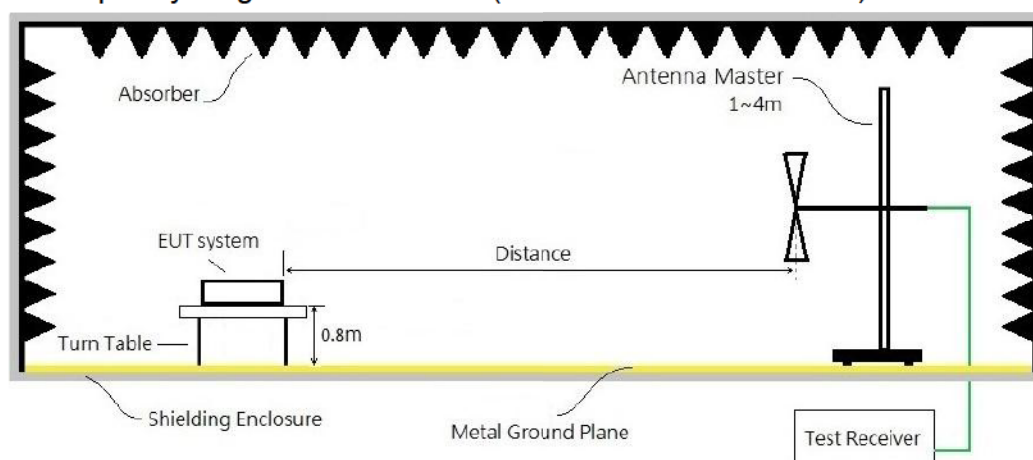
6.2. Test Setup

The EUT and test equipment were configured in accordance with the requirement of ANSI C63.4-2014 clause 5.4. and 5.5.

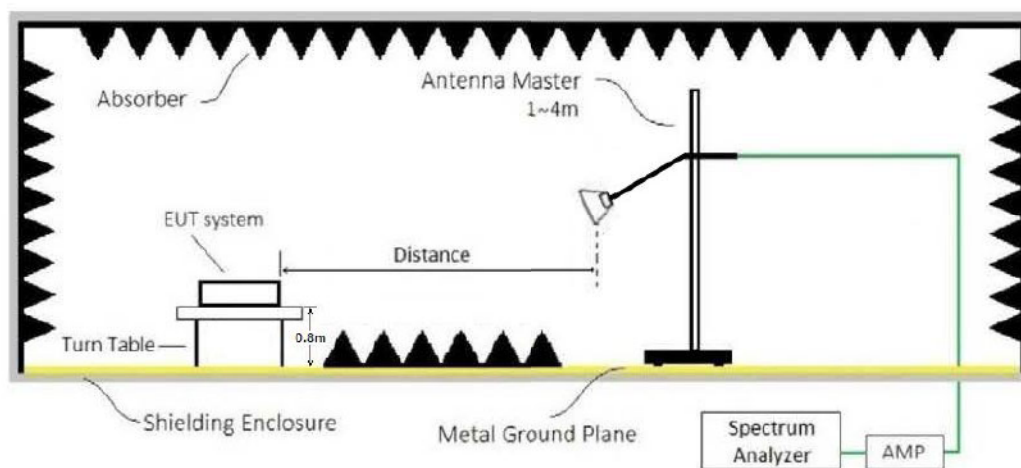
- For frequency range 30 to 1000MHz (at Open Area Test Site)



- For frequency range 30 to 1000MHz (at Semi anechoic chamber)



- For frequency range above 1GHz (at Semi anechoic chamber)



6.3. Radiation Emission Limits

- For Below 1GHz, FCC §15.109

Frequency Range (MHz)	Class A (10m)	Class B (3m)
	Quasi-Peak (dB μ V/m)	Quasi-Peak (dB μ V/m)
30 –88	39.1	40.0
88 –216	43.5	43.5
216 – 960	46.4	46.0
960 – 1000	49.5	54.0

- For Below 1GHz, ICES-003 §3.2.2 Table 2

Frequency Range (MHz)	Class A (3m)	Class A (10m)	Class B (3m)	Class B (10m)
	Quasi-Peak (dB μ V/m)	Quasi-Peak (dB μ V/m)	Quasi-Peak (dB μ V/m)	Quasi-Peak (dB μ V/m)
30 –88	50.0	40.0	40.0	30.0
88 –216	54.0	43.5	43.5	33.1
216 – 230	56.9	46.4	46.0	35.6
230 – 960	57.0	47.0	47.0	37.0
960 – 1000	60.0	49.5	54.0	43.5

- For Above 1GHz, FCC §15.109

Frequency Range (MHz)	Distance (meter)	Class A Limits		Class B Limits	
		Peak (dB μ V/m)	Average (dB μ V/m)	Peak (dB μ V/m)	Average (dB μ V/m)
Above 1000	3	79.54	59.54	73.98	53.98

- For Above 1GHz, ICES-003 §3.2.2 Table 4

Frequency Range (MHz)	Distance (meter)	Class A Limits		Class B Limits	
		Peak (dB μ V/m)	Average (dB μ V/m)	Peak (dB μ V/m)	Average (dB μ V/m)
Above 1000	3	80	60	74	54

- The tighter limit applies at the edge between two frequency bands.
 - Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the EUT.
 - The EUT with open case was measured, the limit not exceed the radiated emission limits specified in Section 15.109 of this part by more than 6 dB.
 - The limits above 1GHz are referred to FCC Part 15.109 in the test report, which are equivalent to or more restrictive than ICES-003 issue 7 limits.
- Required highest frequency for radiated measurement

Highest frequency generated or used in the device or on which the device operates or tunes (MHz)	Upper frequency of measurement range (MHz)
Below 1.705	30
1.705 – 108	1000
108 – 500	2000
500 – 1000	5000
Above 1000	5th harmonic of the highest frequency or 40 GHz, whichever is lower.

6.4. Measurement Procedure

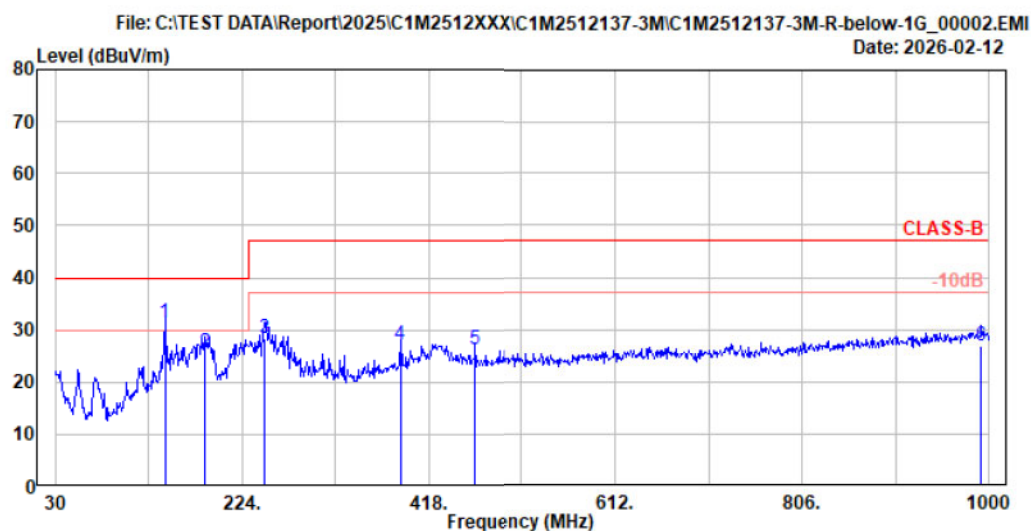
The radiated emission measurement was performed in accordance with the procedure of the ANSI C63.4 2014 clause 8.3.

- The EUT and peripherals were placed on the rotatable non-conduction table, which is 0.8meters above the ground reference plane at the semi anechoic chamber or OATS as described in section 4.1 and 6.2.
- The measurement distance is set as specified in section 6.3. The specified distance is between the horizontal projection onto the ground plane of the closest periphery of the EUT and the projection onto the ground plane of the center of the axis of the elements of the receiving antenna.
- The resolution bandwidth of the test receiver was at 120kHz (testing from 30 to 1000MHz) or 1MHz (testing above 1000MHz).
- Operate the EUT system as described in section 4.2.
- For the exploratory measurement, determine the highest emission amplitude relative to the limit on each of antenna polarization with the peak detector by each of the EUT operations over the specified frequency range and record it.
- For final measurement, select the EUT operation mode that produced the highest amplitude in the exploratory measurement to determine the highest emissions with each specified detector and record it.
- In order to determine the maximum emission level, must rotate the table in 360 degree and move the receiving antenna between 1~4m height above the ground reference plane.
- In order to find the maximum emission, all of the interconnecting cables were manipulated, except for the bundled cable.
- Both polarizations of receiving antenna were determined.
- The measurement result was calculated by following formulas:
(30 – 1000MHz)
Emission Level (dBμV/m) =
Reading (Receiver) (dBμV) + Antenna Factor (dB/m) + Cable Loss (dB)
(Above 1GHz)
Emission Level (dBμV/m) =
Reading (Spectrum) (dBμV) + Antenna Factor (dB/m) – Preamplifier Gain (dB) + Cable Loss (dB)
- The 3dB bandwidth of the horn antenna is minimum 30 degree (or w=1.61m at 3m distance) for 1~18 GHz.

6.5. Measurement Result

- For frequency range 30–1000MHz

Ant. Polarity	Horizontal	Test Result	Pass
Test Mode	Mode 1		

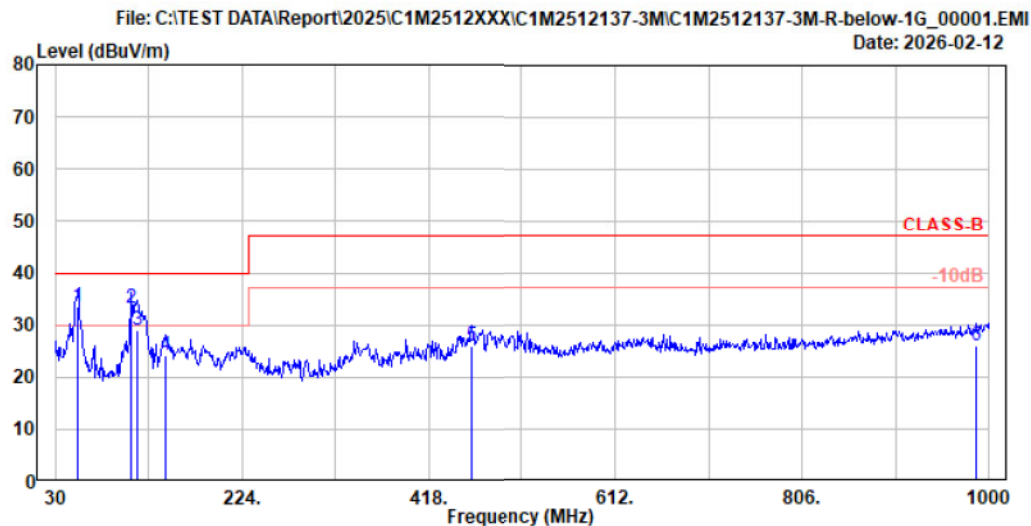


Site No.	: No.3 3m Semi Anechoic Chamber	Data No.	: 2
Instrument 1	: Spectrum N9010A(368) Receiver ESCI(276)		
Instrument 2	: CBL6112D (820) RE-16 8447D (669)		
Distance/Limit	: 3m /CLASS-B	Ant. Pol.	: Horizontal
Environment	: 20°C/60%	Test Rating	: 120Vac/60Hz(DC 5V)
EUT Model	: OTE800	Engineer	: Nick Du
Test Mode	: Mode 1		

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark	APos (cm)	TPos (deg)
1	143.490	16.77	1.05	13.68	31.50	40.00	8.50	QP	200	95
2	185.200	14.83	1.21	9.68	25.72	40.00	14.28	QP	200	98
3	247.280	17.90	1.43	9.06	28.39	47.00	18.61	QP	100	260
4	387.930	21.02	1.85	4.33	27.20	47.00	19.80	QP	200	139
5	465.530	22.48	2.07	1.86	26.41	47.00	20.59	QP	100	260
6	992.240	26.96	3.33	-3.51	26.78	47.00	20.22	QP	100	127

Remarks: 1. Emission Level(dBμV/m)= Antenna Factor(dB/m) + Cable Loss(dB) + Reading(dBμV).

Ant. Polarity	Vertical	Test Result	Pass
Test Mode	Mode 1		



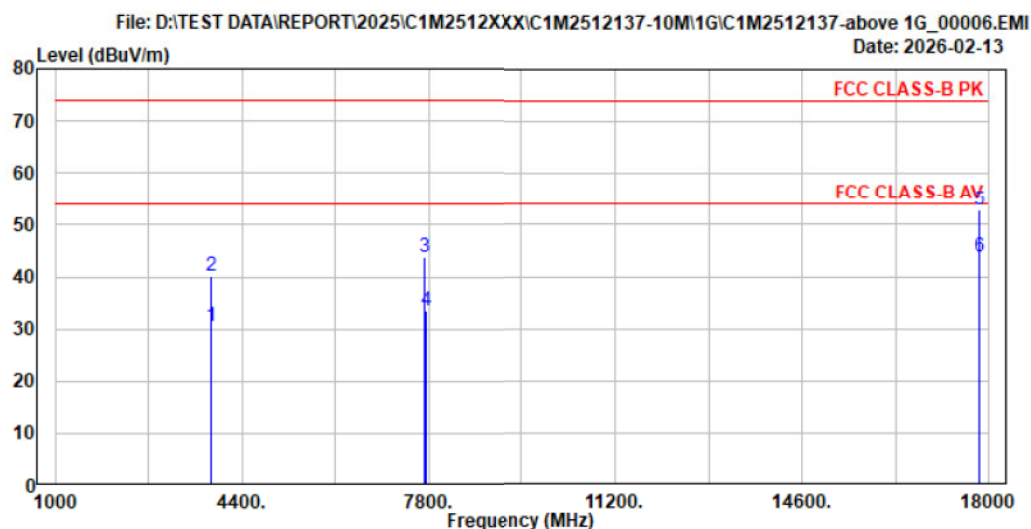
Site No.	: No.3 3m Semi Anechoic Chamber	Data No.	: 1
Instrument 1	: Spectrum N9010A(368) Receiver ESCI(276)		
Instrument 2	: CBL6112D (820) RE-16 8447D (669)		
Distance/Limit	: 3m /CLASS-B	Ant. Pol.	: Vertical
Environment	: 20°C/60%	Test Rating	: 120Vac/60Hz(DC 5V)
EUT Model	: OTE800	Engineer	: Nick Du
Test Mode	: Mode 1		

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark	APos (cm)	TPos (deg)
1	53.280	13.23	0.62	19.70	33.55	40.00	6.45	QP	100	287
2	108.570	16.90	0.90	15.55	33.35	40.00	6.65	QP	100	99
3	115.360	17.41	0.93	10.51	28.85	40.00	11.15	QP	100	99
4	144.460	16.71	1.06	6.26	24.03	40.00	15.97	QP	100	105
5	461.650	22.42	2.06	1.40	25.88	47.00	21.12	QP	100	305
6	987.390	26.92	3.32	-4.13	26.11	47.00	20.89	QP	201	43

Remarks: 1. Emission Level(dBμV/m)= Antenna Factor(dB/m) + Cable Loss(dB) + Reading(dBμV).

- For frequency range above 1GHz

Ant. Polarity	Horizontal	Test Result	Pass
Test Mode	Mode 3		

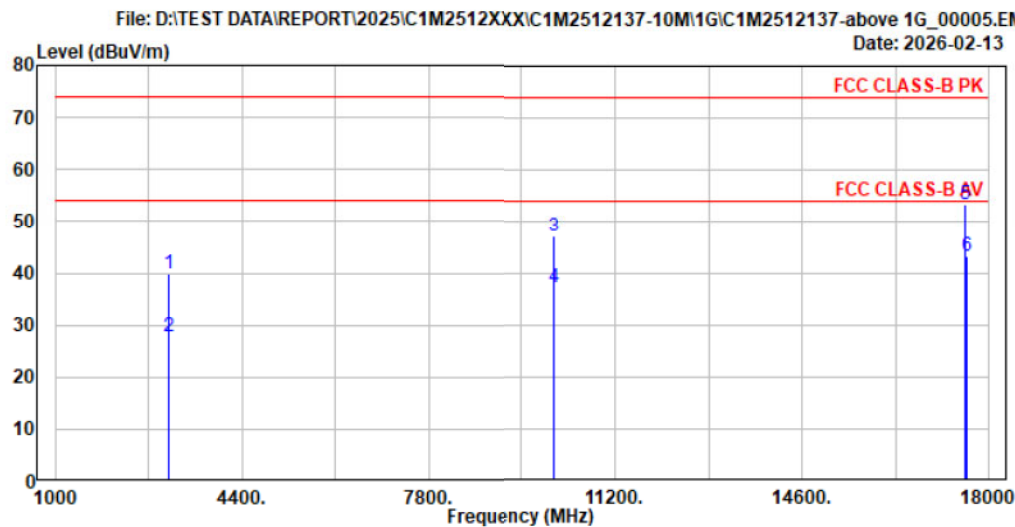


Site No.	: No.2 10m Semi Anechoic Chamber	Data No.	: 6
Instrument 1	: Spectrum FSV40(426)		
Instrument 2	: 3117 (403) RE-28 EMC0518A45SE (906)		
Distance/Limit	: 3m /FCC CLASS-B PK	Ant. Pol.	: Horizontal
Environment	: 22°C/53%	Test Rating	: DC 3.87V
EUT Model	: OTE800	Engineer	: Yenliang kuo
Test Mode	: Mode 3		

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark	APos (cm)	TPos (deg)
1	3830.303	33.60	3.72	48.86	41.98	30.44	53.98	23.54	Average 100	100	109
2	3833.333	33.63	3.72	48.86	51.74	40.23	73.98	33.75	Peak 100	100	109
3	7726.087	35.80	4.56	49.25	52.74	43.85	73.98	30.13	Peak 100	100	167
4	7732.915	35.80	4.56	49.25	42.50	33.61	53.98	20.37	Average 100	100	167
5	17827.540	42.03	8.05	48.74	51.35	52.69	73.98	21.29	Peak 200	200	210
6	17835.550	42.04	8.06	48.73	42.31	43.68	53.98	10.30	Average 200	200	210

Remarks: 1. Emission Level(dBμV/m)= Antenna Factor(dB/m) + Cable Loss(dB) - Preamp Gain(dB) + Reading(dBμV).

Ant. Polarity	Vertical	Test Result	Pass
Test Mode	Mode 3		



Site No.	: No.2 10m Semi Anechoic Chamber	Data No.	: 5
Instrument 1	: Spectrum FSV40(426)		
Instrument 2	: 3117 (403) RE-28 EMC0518A45SE (906)		
Distance/Limit	: 3m /FCC CLASS-B PK	Ant. Pol.	: Vertical
Environment	: 22°C/53%	Test Rating	: DC 3.87V
EUT Model	: OTE800	Engineer	: Yenliang kuo
Test Mode	: Mode 3		

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark	APos (cm)	TPos (deg)
1	3069.565	33.73	3.28	49.51	52.36	39.86	73.98	34.12	Peak	100	8
2	3071.558	33.78	3.28	49.51	40.26	27.81	53.98	26.17	Average	100	8
3	10091.300	37.39	5.02	49.70	54.38	47.09	73.98	26.89	Peak	100	246
4	10096.480	37.40	5.03	49.70	44.48	37.21	53.98	16.77	Average	100	246
5	17581.160	41.66	7.98	49.09	52.94	53.49	73.98	20.49	Peak	100	254
6	17588.750	41.68	7.99	49.07	42.51	43.11	53.98	10.87	Average	100	254

Remarks: 1. Emission Level(dBμV/m)= Antenna Factor(dB/m) + Cable Loss(dB) - Preamp Gain(dB) + Reading(dBμV).

7. Measurement Uncertainty List

The measurement uncertainty was estimated for test on the EUT according to CISPR 16-4-2. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage of K=2.

The uncertainties value is not used in determining the PASS/FAIL results.

Test Items/Facilities	Frequency/Equipment/Unit	Uncertainty
Conducted emissions at AC mains power port (No. 3 Shielded Room)	150kHz-30MHz	±3.4dB
Conducted emissions at AC mains power port (No. 5 Shielded Room)	150kHz-30MHz	±3.4dB
Conducted emissions at AC mains power port (No. 7 Shielded Room)	9kHz-150kHz	±3.7dB
	150kHz-30MHz	±3.4dB
Conducted emissions at AC mains power port (No. 8 Shielded Room)	9kHz-150kHz	±3.7dB
	150kHz-30MHz	±3.4dB
Conducted emissions Power Clamp (No. 5 Shielded Room)	30MHz-300MHz	±4.6dB
Conducted emissions Power Clamp (No. 8 Shielded Room)	30MHz-300MHz	±4.4dB
Conducted emissions Voltage Probe	9kHz-30MHz	±2.9dB
Conducted emissions Current Probe	9kHz-30MHz	±2.9dB
Conducted emissions Current Probe	150kHz-30MHz / A1	±2.9dB
	150kHz-30MHz / A2	±2.9dB
	150kHz-30MHz / A3	±2.9dB
Conducted emissions at wired network port using AAN	150kHz-30MHz / T8 Cat.6	±4.0dB
	150kHz-30MHz / T800 Cat.3	±3.8dB
	150kHz-30MHz / T800 Cat.5	±3.9dB
	150kHz-30MHz / T400 Cat.3	±3.8dB
	150kHz-30MHz / T400 Cat.5	±3.9dB
	150kHz-30MHz / ST08 Cat.3	±3.7dB
	150kHz-30MHz / ST08 Cat.5	±3.7dB
	150kHz-30MHz / ST08 Cat.6	±3.7dB
	150kHz-30MHz / S751	±3.7dB
	150kHz-30MHz / FCC-TLISN-T2-02	±3.8dB
Conducted emissions at broadcast receiver tuner port	150kHz-30MHz	±3.4dB
Radiated, magnetic field (Triple-Loop Antenna)	9kHz-30MHz	±0.64dB
Radiated, magnetic field (Loop Antenna)	9kHz-30MHz	±3.2dB
Radiated emissions (No.1 10m Semi Anechoic Chamber)	30MHz-200MHz, 3m, Horizontal	±4.6dB
	200MHz-1000MHz, 3m, Horizontal	±3.9dB
	30MHz-200MHz, 3m, Vertical	±4.7dB
	200MHz-1000MHz, 3m, Vertical	±4.5dB
	30MHz-200MHz, 10m, Horizontal	±4.6dB
	200MHz-1000MHz, 10m, Horizontal	±3.9dB
	30MHz-200MHz, 10m, Vertical	±4.7dB
	200MHz-1000MHz, 10m, Vertical	±4.4dB
	1GHz-6GHz, 3m	±4.4dB
	6GHz-18GHz, 3m	±4.0dB

Test Items/Facilities	Frequency/Equipment/Unit	Uncertainty
Radiated emissions (No.2 10m Semi Anechoic Chamber)	30MHz-200MHz, 3m, Horizontal	±4.7dB
	200MHz-1000MHz, 3m, Horizontal	±4.5dB
	30MHz-200MHz, 3m, Vertical	±4.8dB
	200MHz-1000MHz, 3m, Vertical	±4.9dB
	30MHz-200MHz, 10m, Horizontal	±4.6dB
	200MHz-1000MHz, 10m, Horizontal	±4.4dB
	30MHz-200MHz, 10m, Vertical	±4.7dB
	200MHz-1000MHz, 10m, Vertical	±4.9dB
	1GHz-6GHz, 3m	±4.7dB
	6GHz-18GHz, 3m	±4.0dB
Radiated emissions (No.1 3m Semi Anechoic Chamber)	30MHz-200MHz, 3m, Horizontal	±4.0dB
	200MHz-1000MHz, 3m, Horizontal	±4.0dB
	30MHz-200MHz, 3m, Vertical	±4.8dB
	200MHz-1000MHz, 3m, Vertical	±4.5dB
	1GHz-6GHz, 3m	±4.2dB
	6GHz-18GHz, 3m	±4.0dB
Radiated emissions (No.2 3m Semi Anechoic Chamber)	30MHz-200MHz, 3m, Horizontal	±4.3dB
	200MHz-1000MHz, 3m, Horizontal	±4.0dB
	30MHz-200MHz, 3m, Vertical	±4.7dB
	200MHz-1000MHz, 3m, Vertical	±4.5dB
	1GHz-6GHz, 3m	±4.7dB
	6GHz-18GHz, 3m	±4.4dB
Radiated emissions (No.3 3m Semi Anechoic Chamber)	30MHz-200MHz, 3m, Horizontal	±3.9dB
	200MHz-1000MHz, 3m, Horizontal	±3.9dB
	30MHz-200MHz, 3m, Vertical	±4.6dB
	200MHz-1000MHz, 3m, Vertical	±4.3dB
	1GHz-6GHz, 3m	±4.6dB
	6GHz-18GHz, 3m	±4.1dB
Radiated emissions (No.4 3m Semi Anechoic Chamber)	30MHz-200MHz, 3m, Horizontal	±4.4dB
	200MHz-1000MHz, 3m, Horizontal	±4.2dB
	30MHz-200MHz, 3m, Vertical	±4.9dB
	200MHz-1000MHz, 3m, Vertical	±5.1dB
	1GHz-6GHz, 3m	±4.4dB
	6GHz-18GHz, 3m	±4.0dB
Radiated emissions (No.5 3m Semi Anechoic Chamber)	30MHz-200MHz, 3m, Horizontal	±4.2dB
	200MHz-1000MHz, 3m, Horizontal	±4.1dB
	30MHz-200MHz, 3m, Vertical	±4.9dB
	200MHz-1000MHz, 3m, Vertical	±4.6dB
	1GHz-6GHz, 3m	±4.4dB
	6GHz-18GHz, 3m	±4.0dB
Radiated emissions (18GHz-40GHz)	18GHz-40GHz, 3m	±3.6dB

Test Items/Facilities	Frequency/Equipment/Unit	Uncertainty
Radiated emissions (No.6 Open Area Test Site)	30MHz-200MHz, 3m, Horizontal	±4.5dB
	200MHz-1000MHz, 3m, Horizontal	±4.8dB
	30MHz-200MHz, 3m, Vertical	±4.8dB
	200MHz-1000MHz, 3m, Vertical	±4.9dB
	30MHz-200MHz, 10m, Horizontal	±4.4dB
	200MHz-1000MHz, 10m, Horizontal	±4.7dB
	30MHz-200MHz, 10m, Vertical	±4.7dB
	200MHz-1000MHz, 10m, Vertical	±4.9dB
Radiated emissions (No.7 Open Area Test Site)	30MHz-200MHz, 3m, Horizontal	±3.9dB
	200MHz-1000MHz, 3m, Horizontal	±4.4dB
	30MHz-200MHz, 3m, Vertical	±4.8dB
	200MHz-1000MHz, 3m, Vertical	±4.9dB
	30MHz-200MHz, 10m, Horizontal	±3.9dB
	200MHz-1000MHz, 10m, Horizontal	±4.4dB
	30MHz-200MHz, 10m, Vertical	±4.7dB
	200MHz-1000MHz, 10m, Vertical	±4.8dB
Lighting EMF	EN 62493 Van Der Hoofden Test Head	±1.8dB
EN 62233 & EN 62311 EMF	1Hz-400kHz	±0.27dB
	5Hz-400kHz	±0.76dB
	300kHz-60MHz	±2.0dB
	30MHz-1GHz	±2.6dB
	100kHz-8GHz	±1.8dB
	1MHz-60GHz	±2.7dB

APPENDIX I

(Lab. Certificates)



財團法人全國認證基金會
Taiwan Accreditation Foundation

Certificate of Accreditation

(Certificate No : L1724-241206)

This is to certify that

Audix Technology Corporation
EMC Department

No. 491, Zhongfu Rd., Linkou Dist., New Taipei City 244, Taiwan (R.O.C.)

is accredited in respect of laboratory

Accreditation Criteria : ISO/IEC 17025:2017 ; CNS 17025:2018

Accreditation Number : 1724

Originally Accredited : November 27, 2006

Effective Period : November 27, 2024 to November 26, 2027

Accredited Scope : Testing Field, see described in the Appendix
Accreditation Program for Designated Testing Laboratory
for Commodities Inspection
Specific Accreditation : Accreditation Program for Communication Equipment
Program : Laboratories
Accreditation Program for BSMI Mutual Recognition
Arrangement with Foreign Authorities

Yi-Ling Chen



Scan to verify

Yi-Ling Chen
President, Taiwan Accreditation Foundation
December 06, 2024

P1, total 30 pages

The Appendix forms an integral part of this Certificate, which shall be invalid when use without the Appendix

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 200077-0

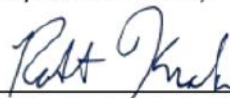
Audix Technology Corporation EMC Department
New Taipei City
Taiwan

*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:*

Electromagnetic Compatibility & Telecommunications

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communique on ISO/IEC 17025).*

2025-12-19 through 2026-12-31
Effective Dates

For the National Voluntary Laboratory Accreditation Program