

TEST REPORT

Bluetooth Headset

Model: OTE810

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.	:	C1M2512138
Report No.	:	EM-F260078
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 : OTE810
(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:



(Sabrina Wang/Administrator)

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-F260078

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 and ICES-003 Issue 7	Class B	Pass
			Margin 9.51dB at 0.714MHz
Radiated emissions (30 – 1000MHz)	Title 47 FCC CFR Part 15 Subpart B and ICES-003 Issue 7	Class B	Pass
			Margin 7.05dB at 53.280MHz (Vertical,1.00m/1°)
Radiated emissions (Above 1GHz)	Title 47 FCC CFR Part 15 Subpart B and ICES-003 Issue 7	Class B	Pass
			Margin 12.20dB at 17263.740MHz
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 ISSED	GN Audio A/S Lautrupbjerg 7, Ballerup, DK-2750, Denmark
Product	Bluetooth Headset
Brand	BlueParrott
Model	OTE810
FCC ID	BCE-OTE810
IC	2386C-OTE810

3.2. Description of the EUT

Test Model	OTE810
Serial Number	N/A
Power Rating	DC 5V by Charging or 3.87V by Lithium 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	Model / Type	Character
Battery	Chongqing VDL New Energy Co., Ltd.	651936PF5	645mAh/3.87V
	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	Operating Mode	Test Voltage
Power-line conducted emission	Mode 1: Charge Mode (Battery: VDL)	AC 120V/60Hz
	Mode 2: Charge Mode (Battery: MIC POWER)	AC 120V/60Hz
Radiated emission (30 – 1000MHz)	Mode 1: Charge Mode (Battery: VDL)	AC 120V/60Hz
	Mode 2: Charge Mode (Battery: MIC POWER)	AC 120V/60Hz
	Mode 3: Bluetooth Mode Play 1kHz (Battery: VDL)	DC 3.87V
	Mode 4: Bluetooth Mode Play 1kHz (Battery: MIC POWER)	DC 3.87V
Radiated emission (above 1GHz)	Mode 1: Charge Mode (Battery: VDL)	AC 120V/60Hz
	Mode 2: Charge Mode (Battery: MIC POWER)	AC 120V/60Hz
	Mode 3: Bluetooth Mode Play 1kHz (Battery: VDL)	DC 3.87V
	Mode 4: Bluetooth Mode Play 1kHz (Battery: MIC POWER)	DC 3.87V

3.6. Final Test Configuration

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

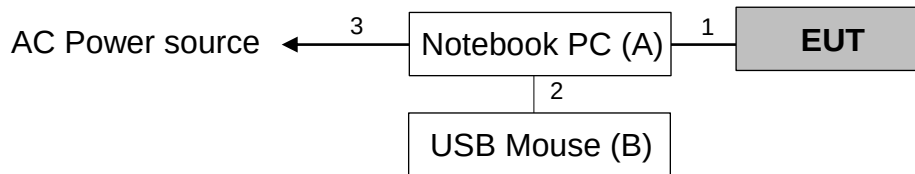
Test Item	Operating Mode	Test Voltage
Power-line conducted emission	Mode 1: Charge Mode (Battery: VDL)	AC 120V/60Hz
Radiated emission (30 – 1000MHz)	Mode 1: Charge Mode (Battery: VDL)	AC 120V/60Hz
Radiated emission (above 1GHz)	Mode 1: Charge Mode (Battery: VDL)	AC 120V/60Hz

4. Measurement Arrangement

4.1. Equipment and cables arrangement

- Connection Diagram of EUT and Peripheral Devices

Worse Mode 1: Charge Mode (Battery: VDL)



EUT: Bluetooth Headset

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 connects to notebook PC on charge mode.
Bluetooth Mode	Mobile Phone sent 1kHz Data transmitting to Bluetooth Headset.

4.3. List of Supported Units under Test

No.	Product	Brand	Model No.	Serial No.	Approval	Remarks
A	Notebook PC	Lenovo	Yoga Slim 7 Pro 14IAH7	PF45LTDQ	FCC By DoC	Provided by LAB
B	USB Mouse	Lenovo	SM-8823	8SSM50L24506 AVLC99H048H	FCC By DoC	Provided by LAB

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	Accessory of EUT
2	USB Cable	1	1.8	Yes	0	Provided by LAB
3	AC Power Cord (3C)	1	1.0	No	0	Provided by LAB

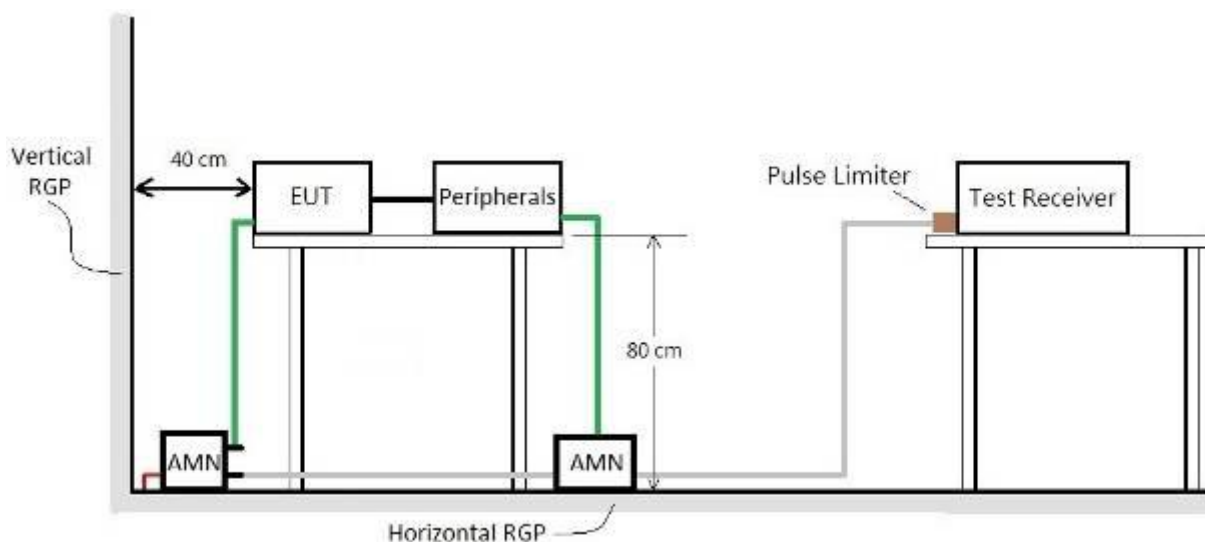
5. Measurement of Conducted Emissions

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	2025.09.03	1 Year
7	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.

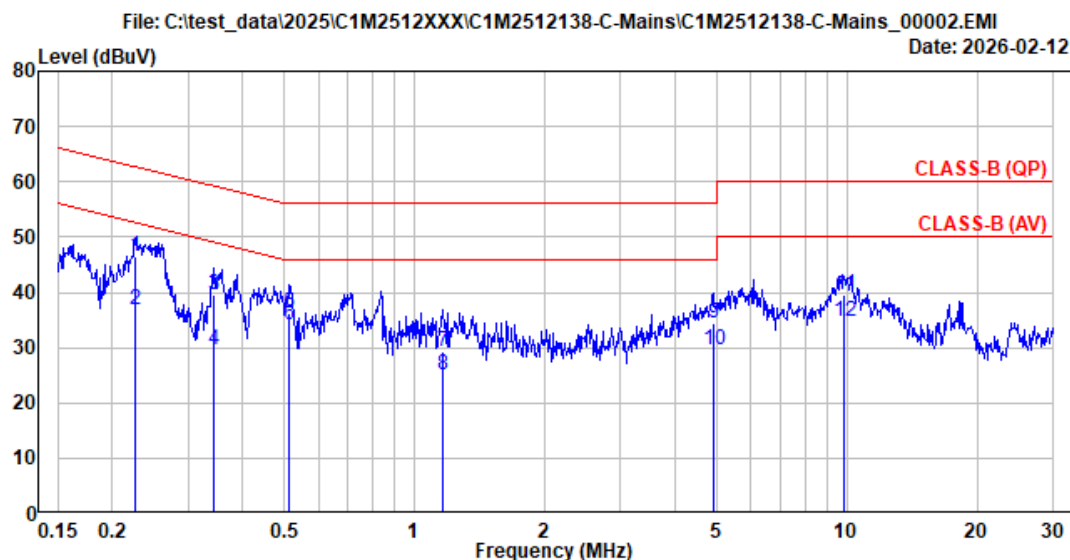
5.4. Measurement Procedure

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: Charge Mode (Battery: VDL)	Test Model	OTE810

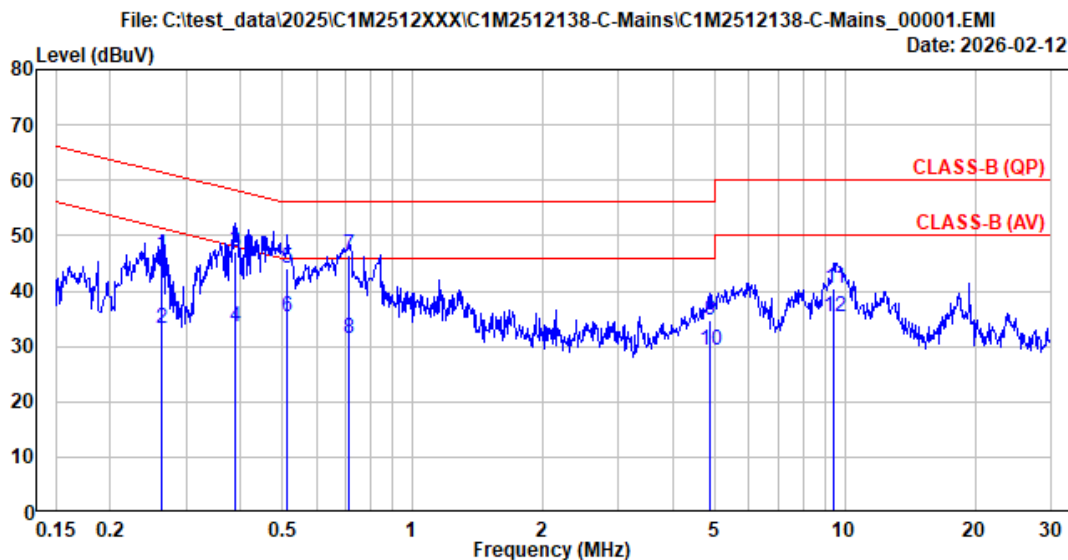


Site No.	: No.8 Shielded Room	Data No.	: 2
Instrument 1	: Receiver ESR(774)		
Instrument 2	: ENV432 (567)(A) CE-08 ESH3-Z2 (354)		
Limit	: CLASS-B (QP)	Phase	: Neutral
Environment	: 21°C/62%	Test Rating	: 120Vac/60Hz
EUT Model	: OTE810	Engineer	: Roy Hung
Test Mode	: Mode 1		

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)	Margin (dB)	Remark
1	0.227	10.32	0.03	9.85	26.17	46.37	62.56	16.19	QP
2	0.227	10.32	0.03	9.85	16.59	36.79	52.56	15.77	Average
3	0.345	10.32	0.03	9.85	19.28	39.48	59.09	19.61	QP
4	0.345	10.32	0.03	9.85	9.53	29.73	49.09	19.36	Average
5	0.514	10.33	0.03	9.85	16.09	36.30	56.00	19.70	QP
6	0.514	10.33	0.03	9.85	13.91	34.12	46.00	11.88	Average
7	1.163	10.34	0.04	9.85	9.04	29.27	56.00	26.73	QP
8	1.163	10.34	0.04	9.85	4.89	25.12	46.00	20.88	Average
9	4.913	10.45	0.09	9.87	14.08	34.49	56.00	21.51	QP
10	4.913	10.45	0.09	9.87	9.17	29.58	46.00	16.42	Average
11	9.872	10.63	0.14	9.89	19.02	39.68	60.00	20.32	QP
12	9.872	10.63	0.14	9.89	14.17	34.83	50.00	15.17	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: Charge Mode (Battery: VDL)	Test Model	OTE810



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	: OTE810	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	0.262	10.33	0.03	9.85	26.14	46.35	61.36	15.01	QP
2	0.262	10.33	0.03	9.85	12.93	33.14	51.36	18.22	Average
3	0.389	10.32	0.03	9.85	26.86	47.06	58.09	11.03	QP
4	0.389	10.32	0.03	9.85	13.21	33.41	48.09	14.68	Average
5	0.514	10.32	0.03	9.85	23.98	44.18	56.00	11.82	QP
6	0.514	10.32	0.03	9.85	15.26	35.46	46.00	10.54	Average
7	0.714	10.33	0.04	9.85	26.27	46.49	56.00	9.51	QP
8	0.714	10.33	0.04	9.85	11.25	31.47	46.00	14.53	Average
9	4.889	10.40	0.09	9.87	14.50	34.86	56.00	21.14	QP
10	4.889	10.40	0.09	9.87	8.91	29.27	46.00	16.73	Average
11	9.439	10.51	0.13	9.88	19.92	40.44	60.00	19.56	QP
12	9.439	10.51	0.13	9.88	14.67	35.19	50.00	14.81	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
2.	Test Receiver	R&S	ESCI7	100923	2026.02.04	1 Year
3.	Bilog Antenna	TESEQ	CBL6112D	33820	2026.02.06	1 Year
4.	Amplifier	HP	8447D	2944A06669	2025.05.06	1 Year
5.	Digital Thermo-Hygro Meter	iMax	HTC-1	No.3 3m A/C	2025.04.09	1 Year
6.	Signal Cable	HUBER+SUHNER	S07212BD	RE-16	2025.05.08	1 Year
7.	Test Software	Audix	e3	V9 18621a	N.C.R.	N.C.R.

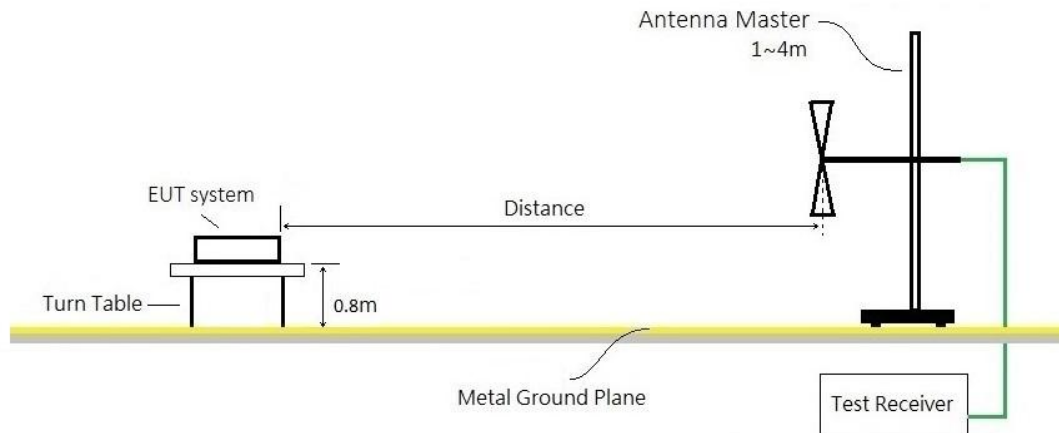
- For measurement of above 1GHz frequency range

Item	Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Interval
1.	Signal Analyzer	R&S	FSV40	101426	2025.11.10	1 Year
2.	Microwave Amplifier	EMCI	EMC0518A45SE	980906	2025.07.07	1 Year
3.	Preamplifier	SGH	SGH184	20221107-2	2025.07.09	1 Year
4.	Double-Ridged Waveguide Horn	ETS-Lindgren	3117	00114403	2025.03.27	1 Year
5.	Horn Antenna	COM-POWER	AH-840	10090054	2025.09.03	1 Year
6.	2.4GHz Notch Filter	K&L Microwave	7NSL10-2441.5/E13 0.5-O/O	1	2025.04.10	1 Year
7.	Band-Pass Filter	Microwave	H3G018G1	484796	2025.04.10	1 Year
8.	Digital Thermo-Hygro Meter	iMax	HTC-1	No.2 10m A/C	2025.04.09	1 Year
9.	Signal Cable	EMCI	EMC 104	RE-28	2025.04.07	1 Year
10.	Signal Cable	EMEC	EM102A	RE-38	2025.07.11	1 Year
11.	Test Software	Audix	e3	V9 18621a	N.C.R.	N.C.R.

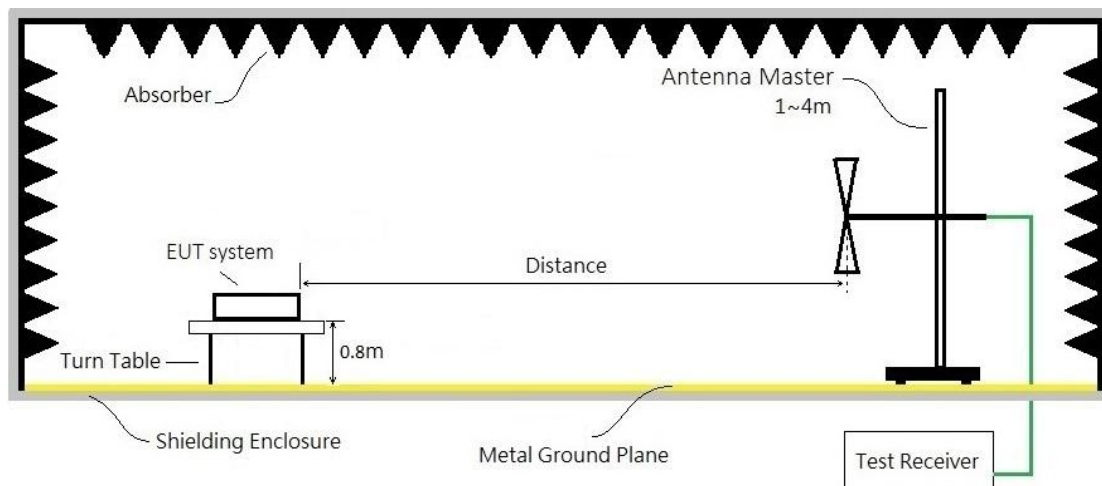
6.2. Test Setup

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

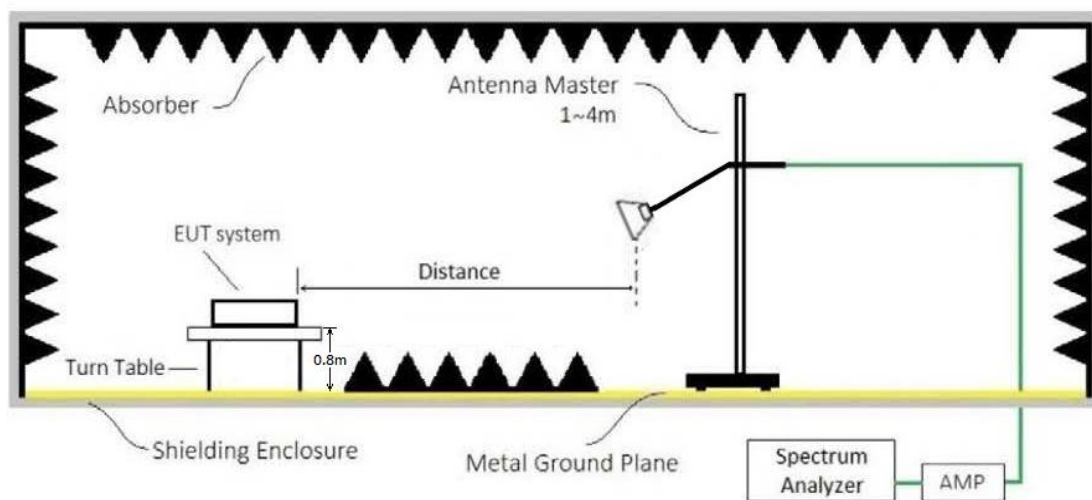
- For frequency range 30 to 1000MHz (at Open Area Test Site)



- 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 (dBμV/m)	Quasi-Peak (dBμV/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 (dBμV/m)	Quasi-Peak (dBμV/m)	Quasi-Peak (dBμV/m)	Quasi-Peak (dBμV/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 Below 1GHz, CISPR 32

Frequency Range (MHz)	Distance (meter)	Class A Limits	Class B Limits
		Quasi-Peak (dBμV/m)	Quasi-Peak (dBμV/m)
30 – 230	10	40	30
230 – 1000		47	37
30 – 230	3	50	40
230 – 1000		57	47

- For Above 1GHz, FCC §15.109

Frequency Range (MHz)	Distance (meter)	Class A Limits		Class B Limits	
		Peak (dBμV/m)	Average (dBμV/m)	Peak (dBμV/m)	Average (dBμV/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 (dBμV/m)	Average (dBμV/m)	Peak (dBμV/m)	Average (dBμV/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 from 30 to 1000 MHz are referred by CISPR 32 standard in the test report, which are equivalent to or more restrictive than the comparable FCC Part 15 & ICES-003 issue 7 limits.
- 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.
- It is accepted by FCC response on 1/14/2021 (Tracking number 603131) and ISED.

● 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 (dB μ V/m) =

Reading (Receiver) (dB μ V) + Antenna Factor (dB/m) + Cable Loss (dB)

(Above 1GHz)

Emission Level (dB μ V/m) =

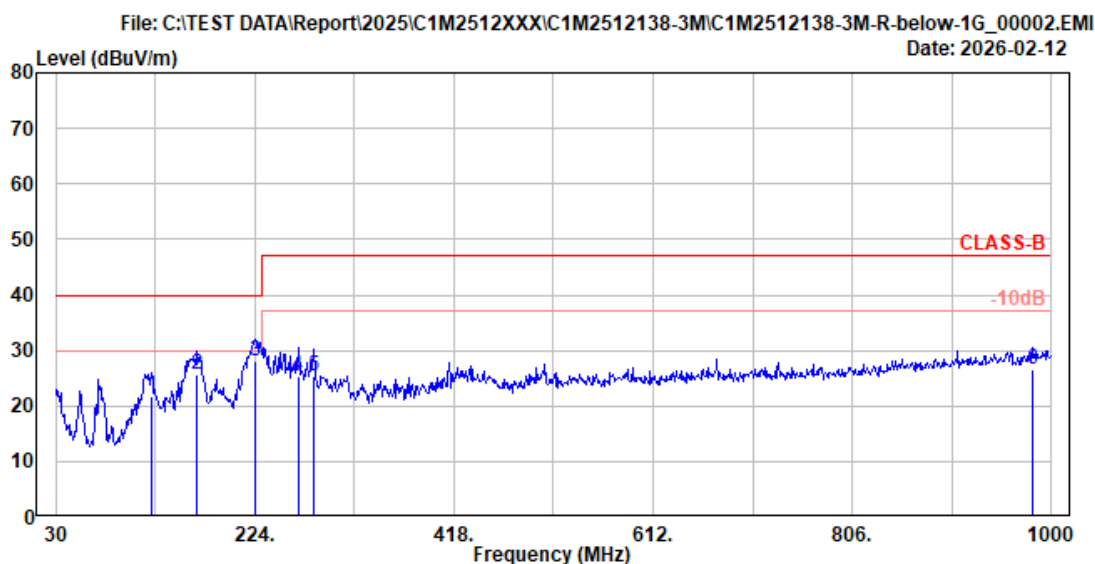
Reading (Spectrum) (dB μ V) + Antenna Factor (dB/m) – Preamp Gain (dB) + Cable Loss (dB)

- 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: Charge Mode (Battery: VDL)	Test Model	OTE810

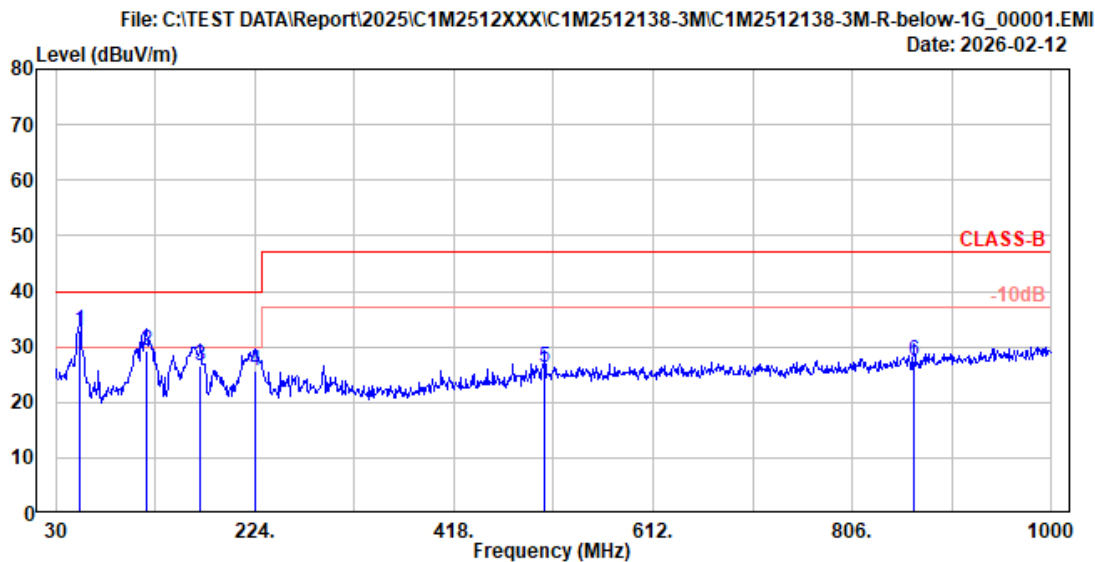


Site No.	: No.3 3m Semi Anechoic Chamber	Data No.	: 2
Instrument 1	: Spectrum N9010A(368) Receiver ESCI(276)		
Instrument 2	: CBL6112D (820) RE-16 8447D (669)		
Distance/Limit	: 3m /CLASS-B	Ant. Pol.	: Horizontal
Environment	: 20°C/60%	Test Rating	: 120Vac/60Hz
EUT Model	: OTE810	Engineer	: Nick Du
Test 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	123.120	17.60	0.96	3.26	21.82	40.00	18.18	QP	200	10
2	167.740	15.37	1.15	9.25	25.77	40.00	14.23	QP	200	119
3	224.000	16.51	1.35	10.16	28.02	40.00	11.98	QP	100	180
4	265.710	18.30	1.49	5.61	25.40	47.00	21.60	QP	200	10
5	281.230	18.54	1.54	5.17	25.25	47.00	21.75	QP	100	119
6	982.540	26.89	3.31	-3.75	26.45	47.00	20.55	QP	100	94

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: Charge Mode (Battery: VDL)	Test Model	OTE810



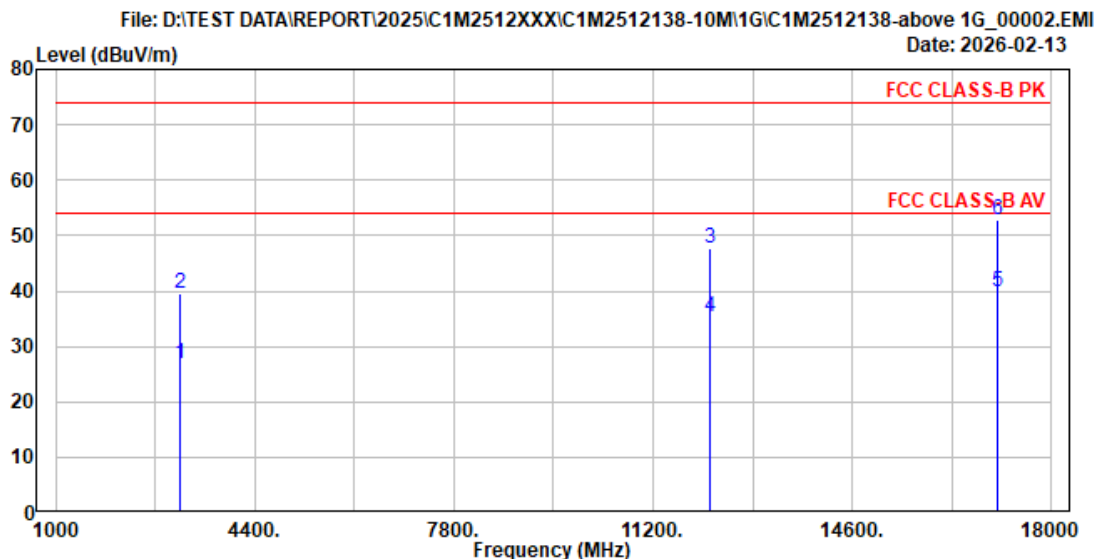
Site No.	: No.3 3m Semi Anechoic Chamber	Data No.	: 1
Instrument 1	: Spectrum N9010A(368) Receiver ESCI(276)		
Instrument 2	: CBL6112D (820) RE-16 8447D (669)		
Distance/Limit	: 3m /CLASS-B	Ant. Pol.	: Vertical
Environment	: 20°C/60%	Test Rating	: 120Vac/60Hz
EUT Model	: OTE810	Engineer	: Nick Du
Test 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	19.10	32.95	40.00	7.05	QP	100	1
2	118.270	17.63	0.94	10.58	29.15	40.00	10.85	QP	100	314
3	170.650	15.23	1.16	10.16	26.55	40.00	13.45	QP	100	178
4	224.000	16.51	1.35	7.80	25.66	40.00	14.34	QP	100	195
5	506.270	23.10	2.17	1.05	26.32	47.00	20.68	QP	100	50
6	866.140	25.75	3.03	-1.32	27.46	47.00	19.54	QP	100	262

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 1: Charge Mode (Battery: VDL)	Test Model	OTE810

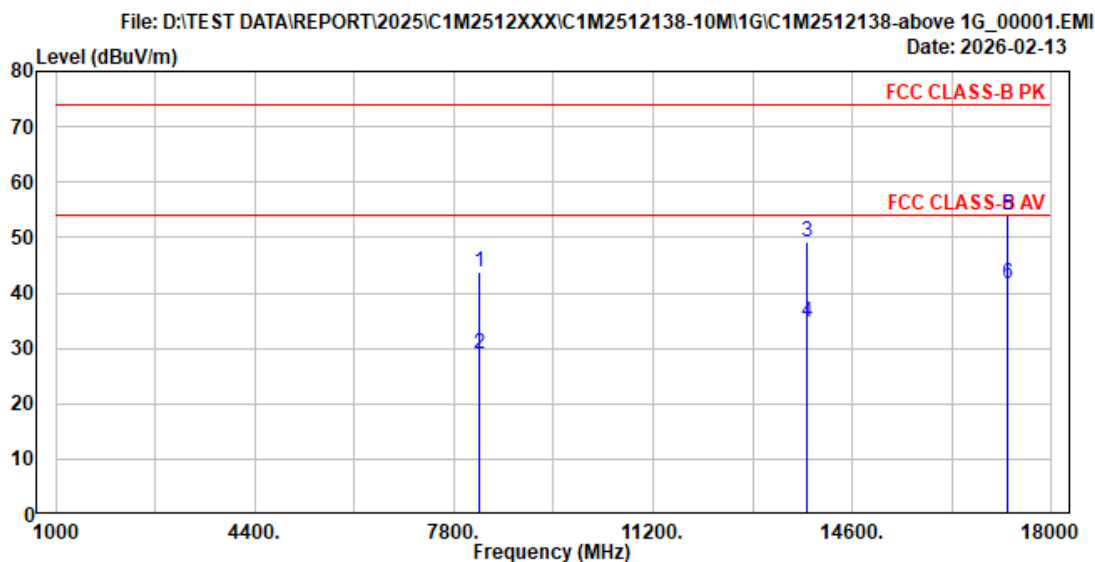


Site No.	: No.2 10m Semi Anechoic Chamber	Data No.	: 2
Instrument 1	: Spectrum FSV40(426)		
Instrument 2	: 3117 (403) RE-28 EMC0518A45SE (906)		
Distance/Limit	: 3m /FCC CLASS-B PK	Ant. Pol.	: Horizontal
Environment	: 22°C/53%	Test Rating	: 120Vac/60Hz
EUT Model	: OTE810	Engineer	: Yenliang kuo
Test Mode	: Mode 1		

	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	3114.294	34.05	3.31	49.45	38.91	26.82	53.98	27.16	Average 100	59	
2	3118.841	33.95	3.31	49.45	51.72	39.53	73.98	34.45	Peak 100	59	
3	12160.870	39.36	6.01	50.37	52.81	47.81	73.98	26.17	Peak 100	187	
4	12162.840	39.36	6.01	50.37	40.25	35.25	53.98	18.73	Average 100	187	
5	17082.620	41.93	7.84	49.20	39.15	39.72	53.98	14.26	Average 200	1	
6	17088.410	41.92	7.85	49.20	52.12	52.69	73.98	21.29	Peak 200	1	

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 1: Charge Mode (Battery: VDL)	Test Model	OTE810



Site No.	: No.2 10m Semi Anechoic Chamber	Data No.	: 1
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	: 120Vac/60Hz
EUT Model	: OTE810	Engineer	: Yenliang kuo
Test Mode	: Mode 1		

	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	8218.841	36.00	4.64	49.20	52.43	43.87	73.98	30.11	Peak	100	65
2	8221.661	36.00	4.64	49.20	37.42	28.86	53.98	25.12	Average	100	65
3	13836.230	38.77	6.32	50.40	54.49	49.18	73.98	24.80	Peak	100	115
4	13839.220	38.78	6.32	50.40	40.05	34.75	53.98	19.23	Average	100	115
5	17260.870	41.72	7.89	49.20	53.54	53.95	73.98	20.03	Peak	200	274
6	17263.740	41.71	7.90	49.20	41.37	41.78	53.98	12.20	Average	200	274

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 : L1724-251104)

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 Program : Accreditation Program for Communication Equipment
Laboratories
Accreditation Program for BSMI Mutual Recognition
Arrangement with Foreign Authorities



Scan to verify

Yi-Ling Chen

Yi-Ling Chen
President, Taiwan Accreditation Foundation
November 04, 2025

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