

TEST REPORT

Applicant: OnePlus Technology (Shenzhen) Co., Ltd.
Address: 18C02, 18C03, 18C04, and 18C05, Shum Yip Terra Building, Binhe Avenue North, Futian District, Shenzhen, Guangdong, P.R. China.
Equipment Type: Tablet
Model Name: OPD2504
Brand Name: ONEPLUS, 
FCC ID: 2ABZ2-OPD2504
Test Standard: 47 CFR Part 15 Subpart B
ANSI C63.4-2014
Sample Arrival Date: Sep. 14, 2025
Test Date: Sep. 15, 2025 - Oct. 10, 2025
Date of Issue: Oct. 18, 2025

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

**Tested by:** Qiu Yongjing**Checked by:** Zong Liyao**Approved by:** Tolan Tu
(Technical Director)

Revision History

Version	Issue Date	Revisions
<u>Rev. 01</u>	<u>Oct. 18, 2025</u>	<u>Initial Issue</u>

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1 GENERAL INFORMATION

1.1 Test Laboratory

Name	Shenzhen BALUN Technology Co., Ltd.
Address	Block B, 1/F, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
Phone Number	+86 755 6685 0100

1.2 Test Location

Name	Shenzhen BALUN Technology Co., Ltd.
Location	☒ Block B, 1/F, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
	☐ 1/F, Building B, Ganghongji High-tech Intelligent Industrial Park, No. 1008, Songbai Road, Yangguang Community, Xili Sub-district, Nanshan District, Shenzhen, Guangdong Province, P. R. China
Accreditation Certificate	The laboratory is a testing organization accredited by FCC as a accredited testing laboratory. The designation number is CN1196. The certification body is American Association for Laboratory Accreditation (A2LA).

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	OnePlus Technology (Shenzhen) Co., Ltd.
Address	18C02, 18C03, 18C04, and 18C05, Shum Yip Terra Building, Binhe Avenue North, Futian District, Shenzhen, Guangdong, P.R. China.

2.2 Manufacturer Information

Manufacturer	OnePlus Technology (Shenzhen) Co., Ltd.
Address	18C02, 18C03, 18C04, and 18C05, Shum Yip Terra Building, Binhe Avenue North, Futian District, Shenzhen, Guangdong, P.R. China.

2.3 General Description for Equipment under Test (EUT)

EUT Name	Tablet
Model Name Under Test	OPD2504
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	11
Software Version	OxygenOS 16.0
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A
EUT ID	SC-SZ2580663: S09, S11
IMEI Number	N/A

2.4 Ancillary Equipment

Please refer the document “BL-SZ2590705-AW EUT external photo.pdf.”

2.5 Technical Information

Network and Wireless connectivity	Bluetooth (BR+EDR+BLE) WIFI 802.11a, 802.11b, 802.11g, 802.11n(HT20/40), 802.11ac(VHT20/40), 802.11ax(HE20/40/80)
Classification of equipment	Class B
The highest internal frequency of EUT	5850 MHz

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

No.	Identity	Document Title
1	47 CFR Part 15 Subpart B	Unintentional Radiators
2	ANSI C63.4-2014	American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz

3.2 Verdict

No.	Description	FCC Rule	Test Verdict	Remark
1	Radiated Emission	15.109	Pass	--
2	Conducted Emission, AC Ports	15.107	Pass	--

3.3 Test Uncertainty

The following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$.

Measurement	Value
Conducted emissions (9 kHz-30 MHz)	3.2 dB
Radiated emissions (30 MHz-1 GHz)-966#2	4.4 dB
Radiated emissions (1 GHz-18 GHz)-966#2	5.0 dB

4 GENERAL TEST CONFIGURATIONS

4.1 Test Enclosure List

Description	Manufacturer	Model	Serial No.	Length	Description	Use
Laptop	N/A	N/A	N/A	N/A	N/A	☒
Data connector	N/A	N/A	N/A	N/A	N/A	☒
USB disk	N/A	N/A	N/A	N/A	N/A	☒
Type-C Earphone	N/A	N/A	N/A	N/A	N/A	☒

4.2 Test Configurations

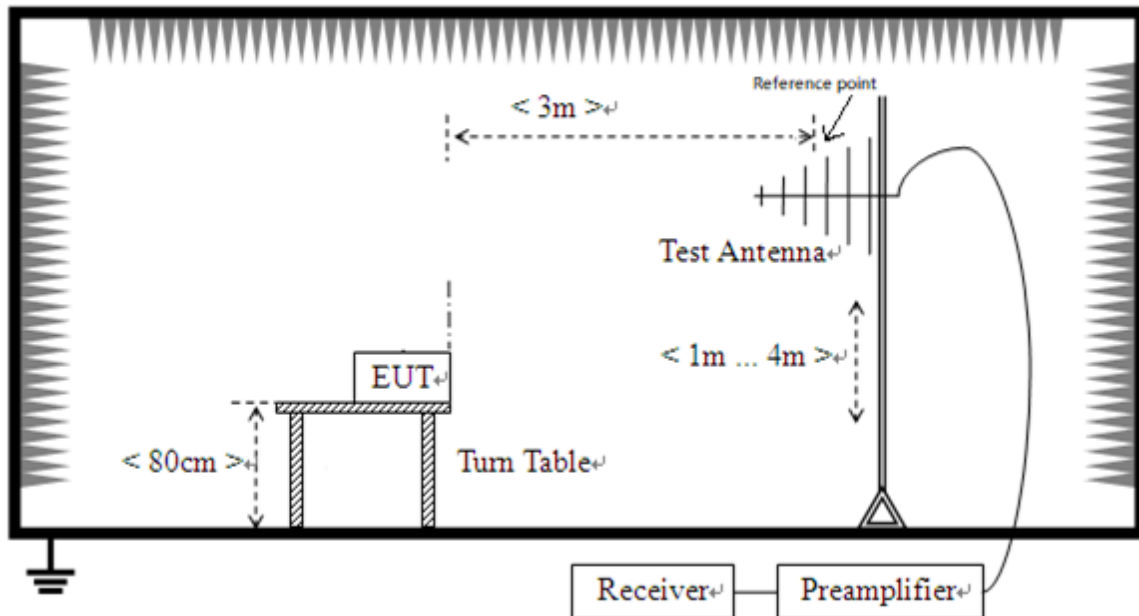
All test modes of EUT are listed in the table below.

Test Mode Configuration	Description
Mode 1	<u>The Front Camera Test Mode</u> EUT + Adapter + USB Cable + Battery
Mode 2	<u>The Rear Camera Test Mode</u> EUT + Adapter + USB Cable + Battery
Mode 3	<u>The Video Play Test Mode</u> EUT + Adapter + USB Cable + Battery
Mode 4	<u>The Charging Test Mode</u> EUT + Adapter + USB Cable + Battery
Mode 5	<u>The USB Test Mode</u> EUT + USB Cable + Battery + Laptop
Mode 6	<u>The OTG Test Mode</u> EUT + Battery + Data connector + USB Disk
Mode 7	<u>The Type-C Earphone Test Mode</u> EUT + Battery + Type-C Earphone

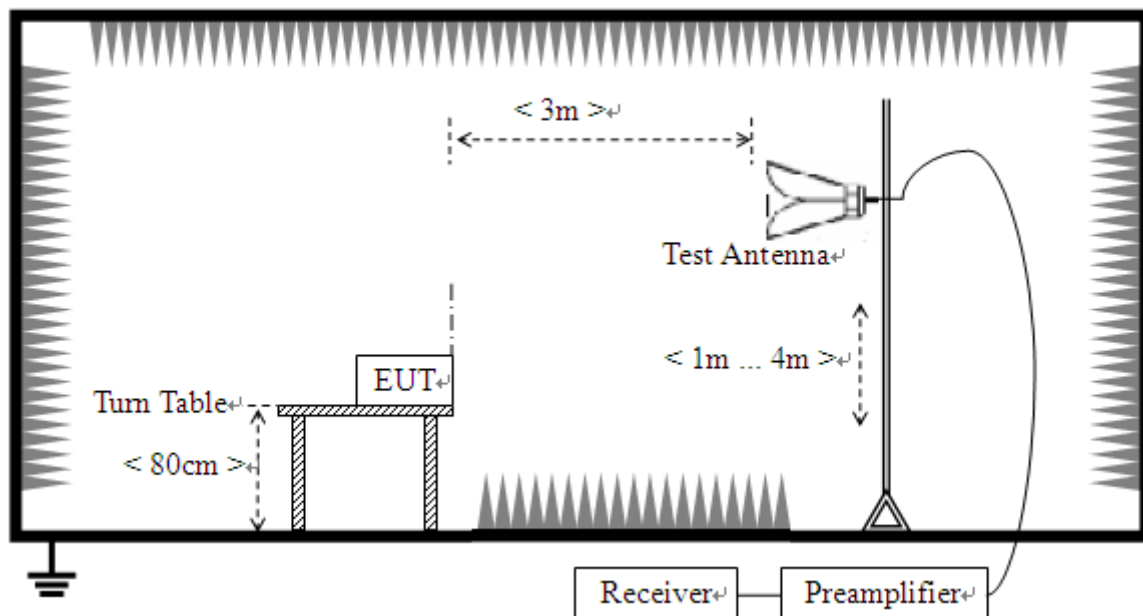
Test Case	Test Mode Configuration	Worst Mode
Radiated Emission	Mode 1~Mode 7	4,5
Conducted Emission, AC Ports	Mode 1~Mode 5	4,5
Note: All operation modes were tested, but only test data of the worst mode was presented in this report.		

4.3 Test Setups

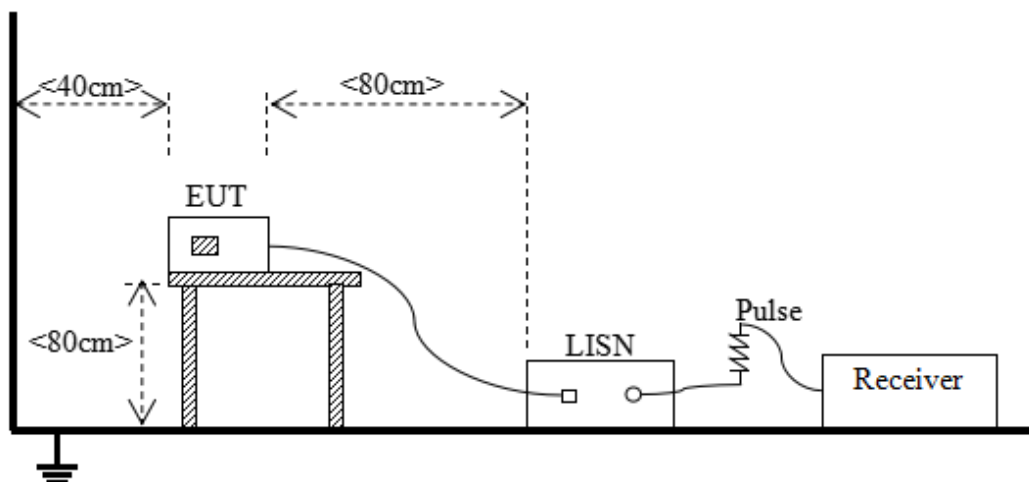
Test Setup 1



Radiated Emission (30 MHz-1 GHz)



Radiated Emission (above 1 GHz)

Test Setup 2

Conducted Emissions, AC Ports

5 TEST ITEMS

5.1 Emission Tests

5.1.1 Radiated Emission

5.1.1.1 Limit

Frequency range (MHz)	Class B (at 3 m)		Class A (at 3 m)
	Field Strength ($\mu\text{V/m}$)	Field Strength (dB $\mu\text{V/m}$)	Field Strength (dB $\mu\text{V/m}$)
30 - 88	100	40	49.5
88 - 216	150	43.5	54
216 - 960	200	46	56.9
Above 960	500	54	60

NOTE:

- 1) Field Strength (dB $\mu\text{V/m}$) = $20 \cdot \log [\text{Field Strength } (\mu\text{V/m})]$.
- 2) In the emission tables above, the tighter limit applies at the band edges.
- 3) For 30 MHz to 1000 MHz, the CISPR quasi-peak is employed.

For above 1000 MHz, according to the requirements of FCC 15.35, unless otherwise specified, the limit on peak radio frequency emissions is 20 dB above the maximum permitted average emission limit applicable to the equipment under test.

Frequency range (GHz)	Class B (at 3 m)			Class A (at 3 m)	
	Field Strength ($\mu\text{V/m}$)	Field Strength Average (dB $\mu\text{V/m}$)	Field Strength Peak (dB $\mu\text{V/m}$)	Field Strength Average (dB $\mu\text{V/m}$)	Field Strength Peak (dB $\mu\text{V/m}$)
1 - F_M	500	54	74	60	80

Note 1: The highest measurement frequency, F_M , in GHz, shall be determined as next Table.

Note 2: Average Class A limit at 3m L_{3m} is determined by the following conversion formula:

$$L_{3m} = L_{10m} + 20 \cdot \log(d_{10m}/d_{3m})$$
Where:
 L_{3m} is Average Class A limit at 3m;
 L_{10m} is Average Class A limit at 10m;
 d_{10m} is Measurement distance in 10m;
 d_{3m} is Measurement distance in 3m.
For this case: $L_{3m} = 49.5 + 20 \cdot \log(10/3) = 60$ (dB $\mu\text{V/m}$).

Highest internal frequency (F_X)	Highest measurement frequency (F_M)
$F_X \leq 108 \text{ MHz}$	1 GHz
$108 \text{ MHz} \leq F_X \leq 500 \text{ MHz}$	2 GHz
$500 \text{ MHz} \leq F_X \leq 1 \text{ GHz}$	5 GHz
$F_X \geq 1 \text{ GHz}$	$5 * F_X$ or 40 GHz, whichever is lower.
Note: F_X is Highest frequency generated or used in the device or on which the device operates or tunes.	

5.1.1.2 Test Setup

Refer to 4.3 section (test setup 1) for radiated emission test, the photo of test setup please refer to ANNEX B.

5.1.1.3 Test Procedure

All Radiated Emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.

An initial pre-scan was performed in the chamber using the EMI Receiver in peak detection mode. Quasi-peak measurements were conducted based on the peak sweep graph. The EUT was measured by Bi-Log antenna with 2 orthogonal polarities.

The measurement frequency range is from 30 MHz to the 5th harmonic of the maximum frequency of the EUT internal source. The Turn Table is actuated to turn from 0° to 360°, and both horizontal and vertical polarizations of the Test Antenna are used to find the maximum radiated power. Mid channels on all channel bandwidth verified. Only the worst RB size/offset presented.

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured

RBW = 1 MHz for $f \geq 1 \text{ GHz}$, 100 kHz for $f < 1 \text{ GHz}$

VBW $\geq$ RBW

Sweep = auto

Detector function = peak for $f < 1 \text{ GHz}$, peak & RMS Average for $f \geq 1 \text{ GHz}$

Trace = max hold

5.1.1.4 Test Result and Test Equipment List

Please refer to ANNEX A.1.

NOTE:

1. Results (dB μ V/m) = Reading (dB μ V) + Factor (dB/m)

The reading level is calculated by software which is not shown in the sheet

2. Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB) – Amplifier Gain (dB)

3. Margin = Limit - Results

5.1.2 Conducted Emission, AC Ports

5.1.2.1 Test Limit

Frequency range (MHz)	Class A	
	Quasi-peak (dB μ V)	Average (dB μ V)
0.15 - 0.50	79	66
0.50 - 30	73	60

Frequency range (MHz)	Class B	
	Quasi-peak (dB μ V)	Average (dB μ V)
0.15 - 0.50	66 to 56	56 to 46
0.50 - 5	56	46
5 - 30	60	50

NOTE:

- 1) The lower limit shall apply at the band edges.
- 2) The limit decreases linearly with the logarithm of the frequency in the range 0.15 - 0.50 MHz.

5.1.2.2 Test Setup

Refer to 4.3 section test (test setup 2) for conducted emission, the photo of test setup please refer to ANNEX B.

5.1.2.3 Test Procedure

The EUT is connected to the power mains through a LISN which provides 50 Ω /50 μ H of coupling impedance for the measuring instrument. The test frequency range is from 150 kHz to 30 MHz. The maximum conducted interference is searched using Peak (PK), Quasi-peak (QP) and Average (AV) detectors; the emission levels that are more than the AV and QP limits, and that have narrow margins from the AV and QP limits will be re-measured with AV and QP detectors. Tests for both L phase and N phase lines of the power mains connected to the EUT are performed.

Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 50/60 Hz and 240 VAC, 50/60 Hz) for which the device is capable of operation. A device rated for 50/60 Hz operation need not be tested at both frequencies provided the radiated and line conducted emissions are the same at both frequencies.

Use the following spectrum analyzer settings:

RBW = 9 kHz

VBW $\geq$ RBW

Sweep = 10ms

Detector function = peak & Average

Trace = max hold

5.1.2.4 Test Result and Test Equipment List

Please refer to ANNEX A.2.

NOTE:

1. Results (dB μ V) = Reading (dB μ V) + Factor (dB)

The reading level is calculated by software which is not shown in the sheet

2. Factor = Insertion loss + Cable loss

3. Margin = Limit - Results

ANNEX A TEST RESULTS

A.1 Radiated Emission

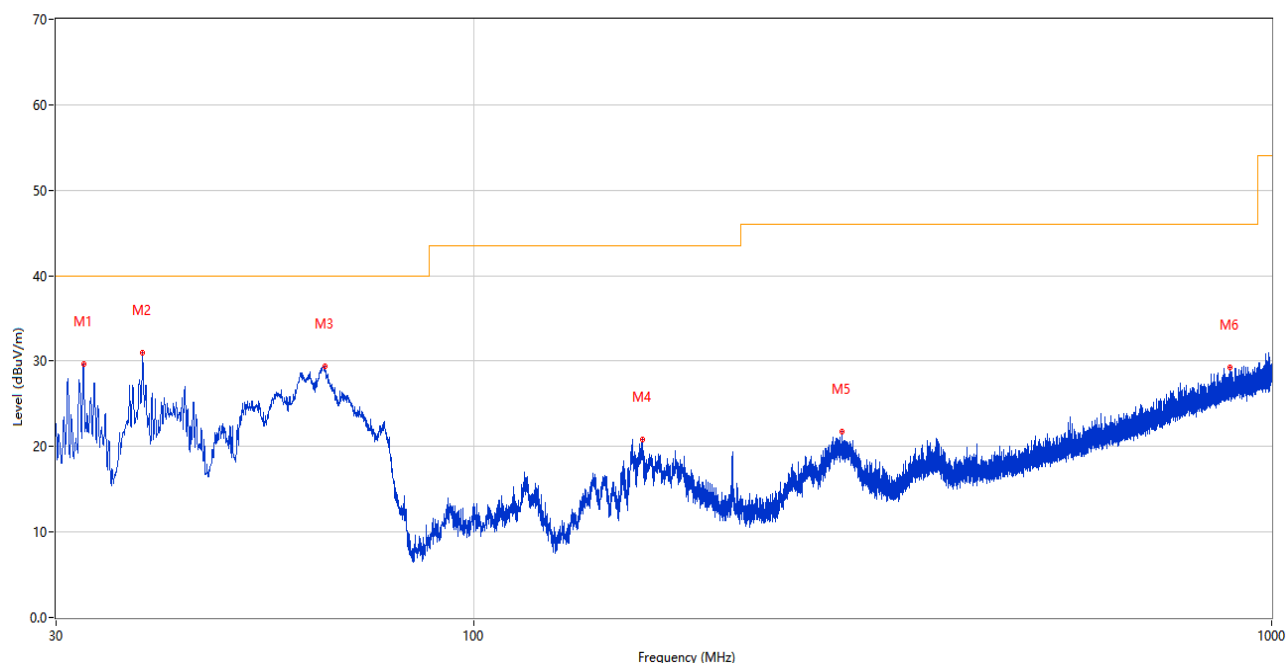
Note 1: The symbol of "--" in the table which means not application.

Note 2: For the test data above 1 GHz, according the ANSI C63.4-2014, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

Sample No.	S09	Temperature	23.9℃
Humidity	45%RH	Pressure	101kPa
Test Engineer	Chen Jingran	Test Date	2025.10.10

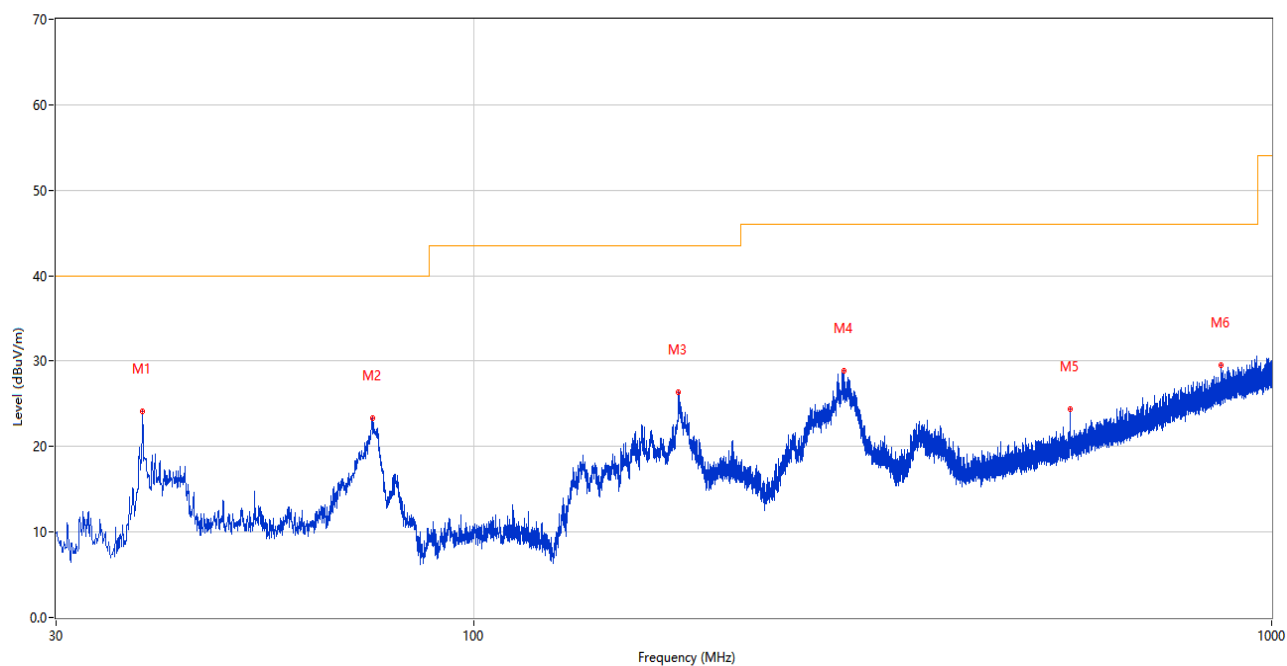
Test Mode 4

1) Test Antenna Vertical, 30 MHz – 1 GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	32.474	29.63	-28.69	40.0	10.37	Peak	99.00	100	Vertical	Pass
2	38.536	30.94	-25.71	40.0	9.06	Peak	360.00	100	Vertical	Pass
3	65.162	29.45	-27.04	40.0	10.55	Peak	164.00	100	Vertical	Pass
4	162.745	20.88	-29.39	43.5	22.62	Peak	2.00	100	Vertical	Pass
5	289.718	21.77	-23.76	46.0	24.23	Peak	120.00	200	Vertical	Pass
6	887.238	29.30	-10.04	46.0	16.70	Peak	52.00	200	Vertical	Pass

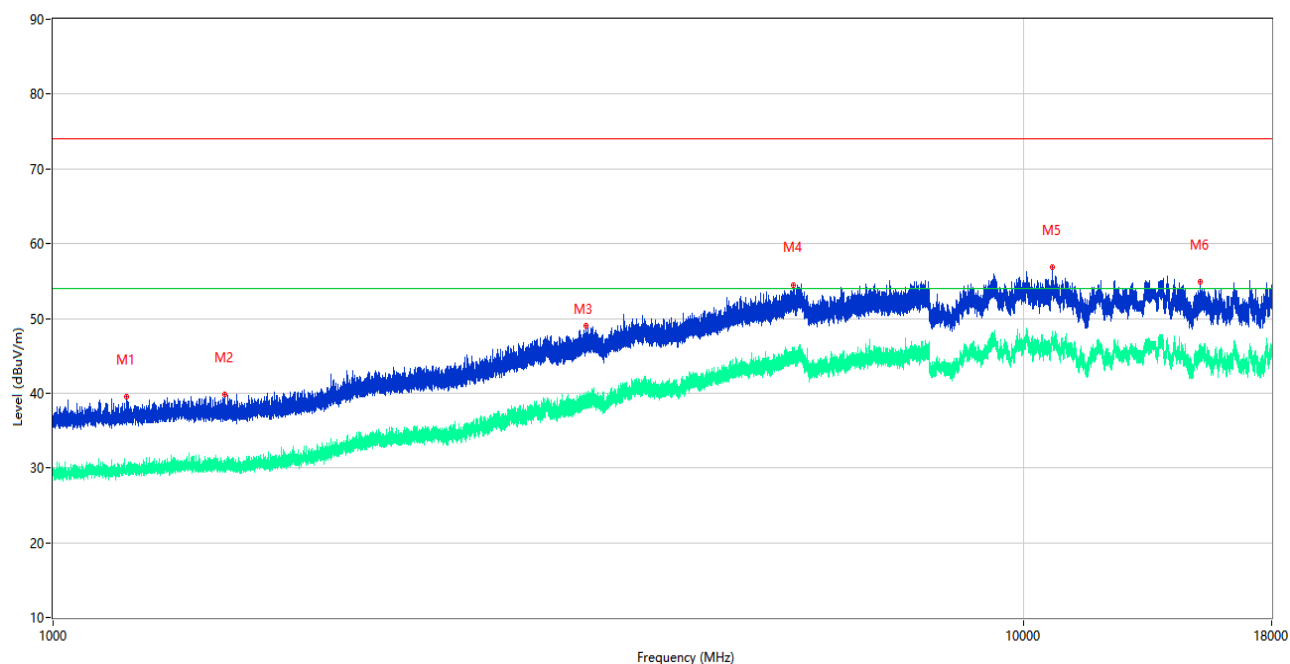
2) Test Antenna Horizontal, 30 MHz – 1 GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	38.536	24.08	-25.71	40.0	15.92	Peak	225.00	200	Horizontal	Pass
2	74.863	23.38	-31.01	40.0	16.62	Peak	301.00	100	Horizontal	Pass
3	180.786	26.39	-28.25	43.5	17.11	Peak	227.00	100	Horizontal	Pass
4	290.978	28.83	-23.91	46.0	17.17	Peak	74.00	100	Horizontal	Pass
5	559.523	24.36	-17.23	46.0	21.64	Peak	141.00	200	Horizontal	Pass
6	864.006	29.54	-10.53	46.0	16.46	Peak	222.00	200	Horizontal	Pass

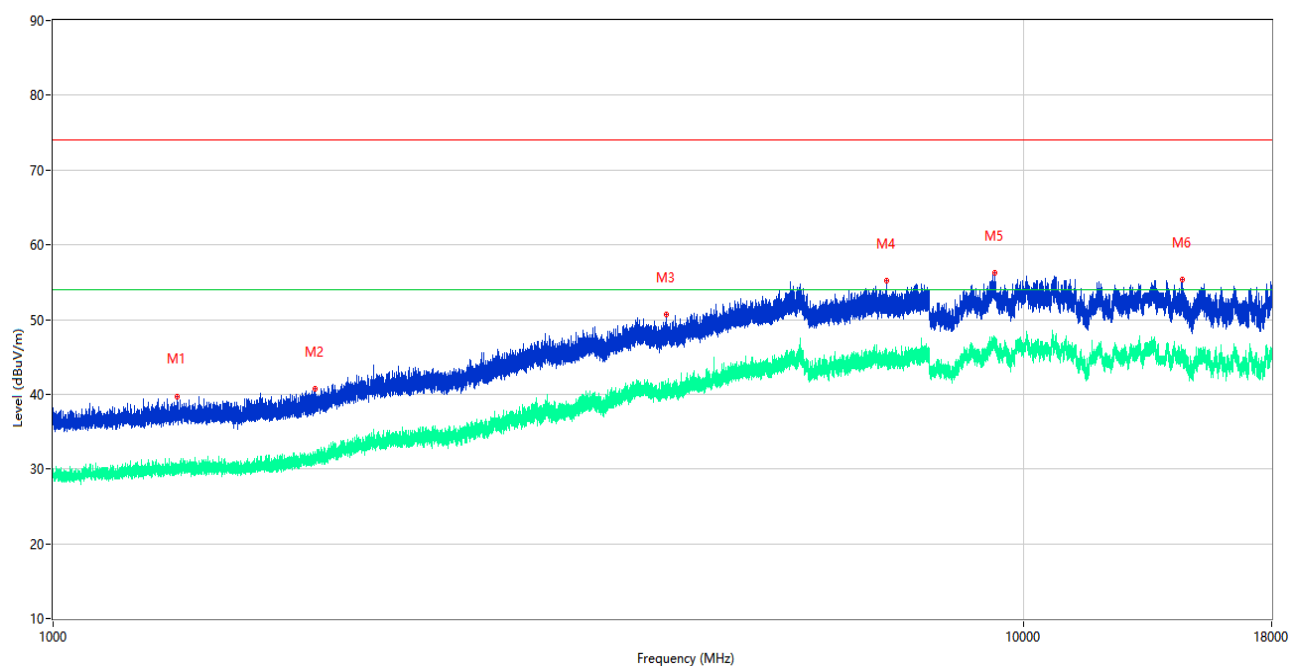
Equipment Information						
Equipment Name	Supplier	Model	Serial No.	Cal. Date	Cal. Due	Use
Frequency Below 1 GHz						
EMI Receiver	Keysight	N9038A	MY55330120	2025.06.17	2026.06.16	☒
Amplifier (30-1GHz)	COM-MV	ZT30-1000M	B2017119081	2024.11.28	2025.11.27	☒
Test Antenna- Bi-Log	SCHWARZB ECK	VULB 9168	9168-00883	2025.03.23	2028.03.22	☒
Anechoic Chamber (#2)	YiHeng	9m*6m*6m	142	2024.07.21	2027.07.20	☒
Description	Supplier	Name	Version	/		Use
Test Software	BALUN	BL410-E	V22.930	/		☒

3) Test Antenna Vertical, 1 GHz – 18 GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1190.710	39.56	-15.77	74.0	34.44	Peak	314.00	100	Vertical	Pass
1**	1190.710	29.79	-15.77	54.0	24.21	AV	314.00	100	Vertical	Pass
2	1501.930	39.78	-15.41	74.0	34.22	Peak	360.00	100	Vertical	Pass
2**	1501.930	29.89	-15.41	54.0	24.11	AV	360.00	100	Vertical	Pass
3	3539.810	49.01	-3.90	74.0	24.99	Peak	36.00	100	Vertical	Pass
3**	3539.810	38.43	-3.90	54.0	15.57	AV	36.00	100	Vertical	Pass
4	5786.800	54.52	2.41	74.0	19.48	Peak	216.00	100	Vertical	Pass
4**	5786.800	44.86	2.41	54.0	9.14	AV	216.00	100	Vertical	Pass
5	10700.000	56.81	3.94	74.0	17.19	Peak	225.00	100	Vertical	Pass
5**	10700.000	47.64	3.94	54.0	6.36	AV	225.00	100	Vertical	Pass
6	15193.500	54.84	2.81	74.0	19.16	Peak	199.00	100	Vertical	Pass
6**	15193.500	45.39	2.81	54.0	8.61	AV	199.00	100	Vertical	Pass

4) Test Antenna Horizontal, 1 GHz – 18 GHz

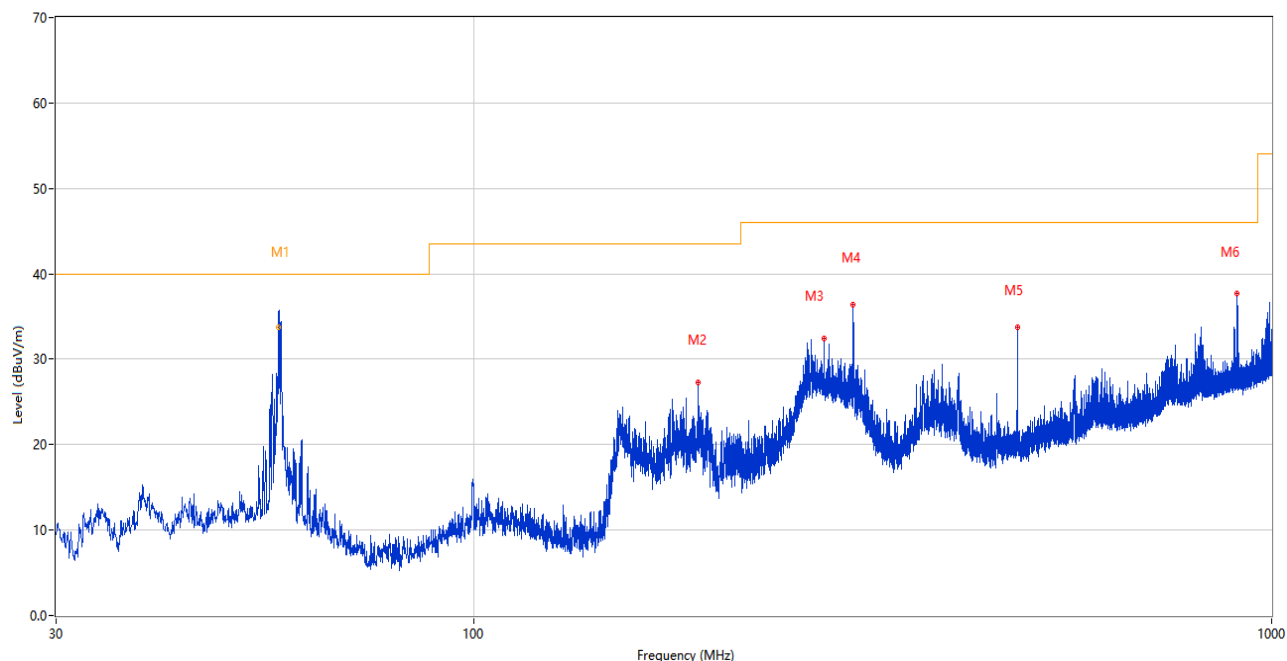


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1341.380	39.74	-15.43	74.0	34.26	Peak	102.00	100	Horizontal	Pass
1**	1341.380	29.79	-15.43	54.0	24.21	AV	102.00	100	Horizontal	Pass
2	1862.680	40.67	-14.24	74.0	33.33	Peak	150.00	100	Horizontal	Pass
2**	1862.680	31.59	-14.24	54.0	22.41	AV	150.00	100	Horizontal	Pass
3	4281.120	50.65	-1.49	74.0	23.35	Peak	262.00	100	Horizontal	Pass
3**	4281.120	39.91	-1.49	54.0	14.09	AV	262.00	100	Horizontal	Pass
4	7214.380	55.17	1.07	74.0	18.83	Peak	29.00	100	Horizontal	Pass
4**	7214.380	45.02	1.07	54.0	8.98	AV	29.00	100	Horizontal	Pass
5	9323.500	56.21	4.61	74.0	17.79	Peak	174.00	100	Horizontal	Pass
5**	9323.500	47.00	4.61	54.0	7.00	AV	174.00	100	Horizontal	Pass
6	14575.000	55.32	3.60	74.0	18.68	Peak	98.00	100	Horizontal	Pass
6**	14575.000	44.95	3.60	54.0	9.05	AV	98.00	100	Horizontal	Pass

Equipment Information						
Equipment Name	Supplier	Model	Serial No.	Cal. Date	Cal. Due	Use
Frequency Above 1 GHz						
EMI Receiver	Keysight	N9038A	MY55330120	2025.06.17	2026.06.16	☒
Amplifier (1-12GHz)	Advanced Microwave	WLA652A	1740103	2024.11.28	2025.11.27	☒
Amplifier (0.8-21GHz)	Mini-Circuits	ZVA-213-S+	225321316	2024.11.28	2025.11.27	☒
Test Antenna- Horn	SCHWARZB ECK	BBHA 9120D	01917	2025.05.20	2028.05.19	☒
Anechoic Chamber (#2)	YiHeng	9m*6m*6m	142	2024.07.21	2027.07.20	☒
Description	Supplier	Name	Version	/		Use
Test Software	BALUN	BL410-E	V22.930	/		☒

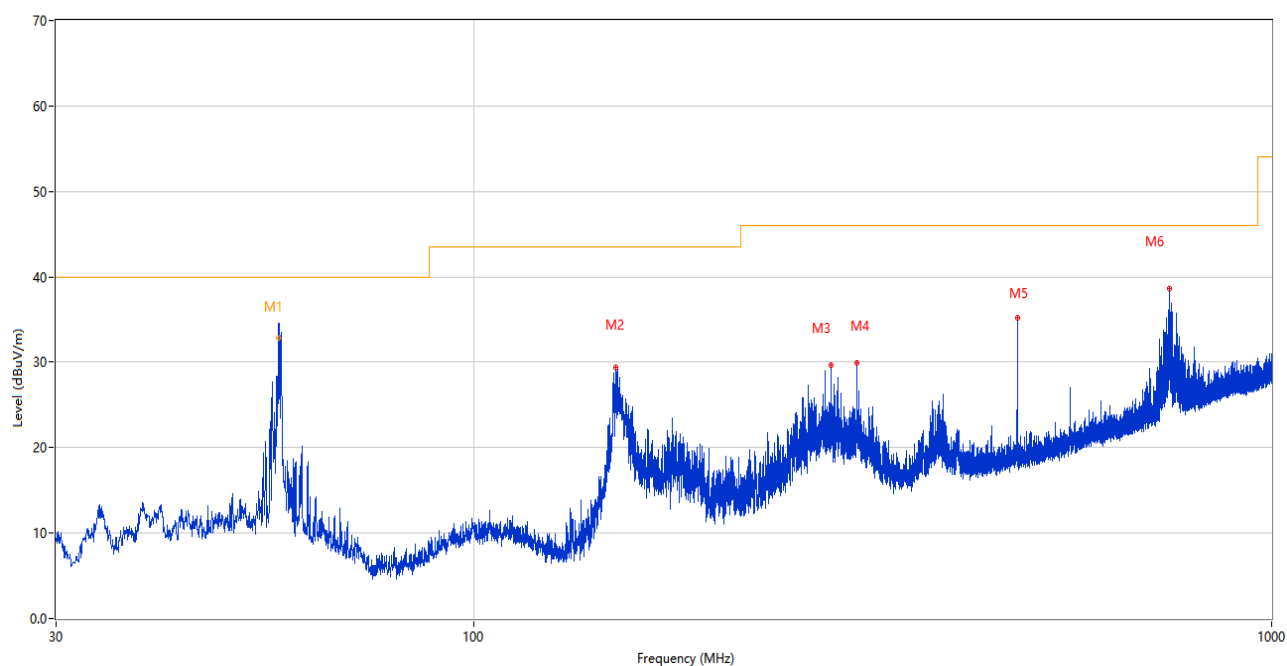
Test Mode 5

5) Test Antenna Vertical, 30 MHz – 1 GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	57.032	38.09	-26.49	40.0	1.91	Peak	94.00	101	Vertical	N/A
1*	57.032	33.71	-26.49	40.0	6.29	QP	94.00	101	Vertical	Pass
2	190.972	27.34	-27.10	43.5	16.16	Peak	284.00	100	Vertical	Pass
3	275.070	32.49	-24.28	46.0	13.51	Peak	108.00	200	Vertical	Pass
4	299.224	36.43	-23.52	46.0	9.57	Peak	117.00	200	Vertical	Pass
5	480.031	33.75	-19.17	46.0	12.25	Peak	175.00	100	Vertical	Pass
6	905.425	37.64	-9.76	46.0	8.36	Peak	103.00	100	Vertical	Pass

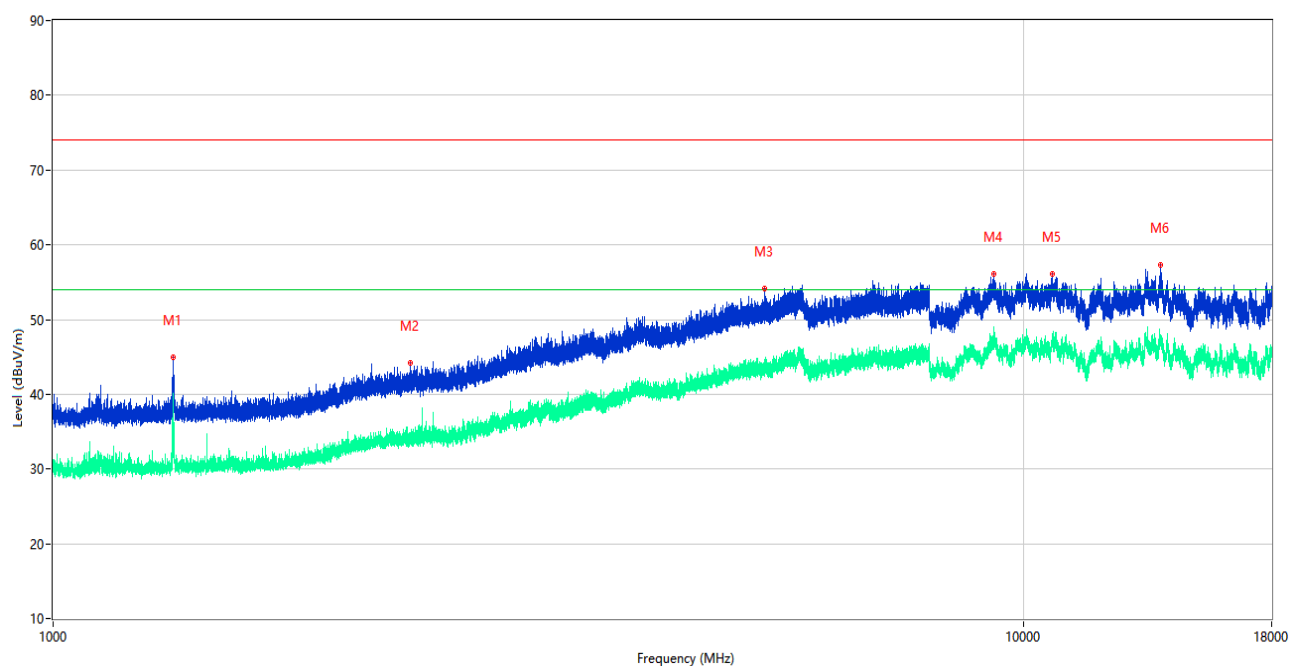
6) Test Antenna Horizontal, 30 MHz – 1 GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	57.031	36.54	-26.48	40.0	3.46	Peak	185.00	198	Horizontal	N/A
1*	57.031	32.85	-26.48	40.0	7.15	QP	185.00	198	Horizontal	Pass
2	150.765	29.36	-30.46	43.5	14.14	Peak	250.00	200	Horizontal	Pass
3	280.842	29.61	-24.21	46.0	16.39	Peak	114.00	100	Horizontal	Pass
4	302.037	29.89	-23.41	46.0	16.11	Peak	103.00	100	Horizontal	Pass
5	480.031	35.16	-19.17	46.0	10.84	Peak	212.00	200	Horizontal	Pass
6	743.823	38.59	-13.12	46.0	7.41	Peak	91.00	100	Horizontal	Pass

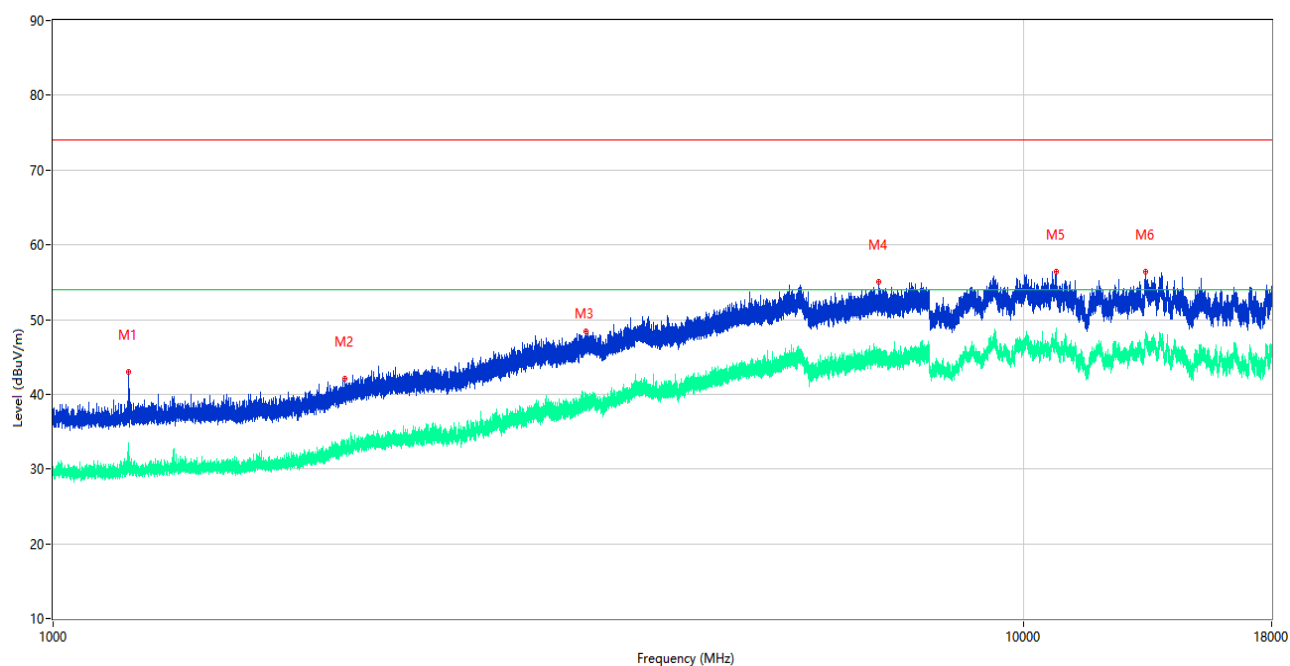
Equipment Information						
Equipment Name	Supplier	Model	Serial No.	Cal. Date	Cal. Due	Use
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Amplifier (30-1GHz)	COM-MV	ZT30-1000M	B2017119081	2024.11.28	2025.11.27	☒
Test Antenna- Bi-Log	SCHWARZB ECK	VULB 9168	9168-00883	2025.03.23	2028.03.22	☒
Anechoic Chamber (#2)	YiHeng	9m*6m*6m	142	2024.07.21	2027.07.20	☒
Description	Supplier	Name	Version	/		Use
Test Software	BALUN	BL410-E	V22.930	/		☒

7) Test Antenna Vertical, 1 GHz – 18 GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.990	44.96	-15.58	74.0	29.04	Peak	203.00	100	Vertical	Pass
1**	1327.990	34.95	-15.58	54.0	19.05	AV	203.00	100	Vertical	Pass
2	2331.330	44.18	-11.28	74.0	29.82	Peak	354.00	100	Vertical	Pass
2**	2331.330	33.67	-11.28	54.0	20.33	AV	354.00	100	Vertical	Pass
3	5406.420	54.18	1.01	74.0	19.82	Peak	133.00	100	Vertical	Pass
3**	5406.420	42.98	1.01	54.0	11.02	AV	133.00	100	Vertical	Pass
4	9321.000	56.07	4.63	74.0	17.93	Peak	360.00	100	Vertical	Pass
4**	9321.000	47.69	4.63	54.0	6.31	AV	360.00	100	Vertical	Pass
5	10704.000	56.06	3.85	74.0	17.94	Peak	279.00	100	Vertical	Pass
5**	10704.000	47.00	3.85	54.0	7.00	AV	279.00	100	Vertical	Pass
6	13842.500	57.25	5.37	74.0	16.75	Peak	359.00	100	Vertical	Pass
6**	13842.500	46.74	5.37	54.0	7.26	AV	359.00	100	Vertical	Pass

8) Test Antenna Horizontal, 1 GHz – 18 GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1196.430	42.97	-15.58	74.0	31.03	Peak	80.00	100	Horizontal	Pass
1**	1196.430	29.88	-15.58	54.0	24.12	AV	80.00	100	Horizontal	Pass
2	1998.400	42.09	-13.43	74.0	31.91	Peak	237.00	100	Horizontal	Pass
2**	1998.400	32.71	-13.43	54.0	21.29	AV	237.00	100	Horizontal	Pass
3	3542.020	48.49	-3.83	74.0	25.51	Peak	38.00	100	Horizontal	Pass
3**	3542.020	39.43	-3.83	54.0	14.57	AV	38.00	100	Horizontal	Pass
4	7080.840	55.07	0.52	74.0	18.93	Peak	65.00	100	Horizontal	Pass
4**	7080.840	44.42	0.52	54.0	9.58	AV	65.00	100	Horizontal	Pass
5	10791.999	56.41	4.33	74.0	17.59	Peak	203.00	100	Horizontal	Pass
5**	10791.999	47.28	4.33	54.0	6.72	AV	203.00	100	Horizontal	Pass
6	13335.500	56.37	4.66	74.0	17.63	Peak	78.00	100	Horizontal	Pass
6**	13335.500	47.41	4.66	54.0	6.59	AV	78.00	100	Horizontal	Pass

Equipment Information						
Equipment Name	Supplier	Model	Serial No.	Cal. Date	Cal. Due	Use
Frequency Above 1 GHz						
EMI Receiver	Keysight	N9038A	MY55330120	2025.06.17	2026.06.16	☒
Amplifier (1-12GHz)	Advanced Microwave	WLA652A	1740103	2024.11.28	2025.11.27	☒
Amplifier (0.8-21GHz)	Mini-Circuits	ZVA-213-S+	225321316	2024.11.28	2025.11.27	☒
Test Antenna- Horn	SCHWARZB ECK	BBHA 9120D	01917	2025.05.20	2028.05.19	☒
Anechoic Chamber (#2)	YiHeng	9m*6m*6m	142	2024.07.21	2027.07.20	☒
Description	Supplier	Name	Version	/		Use
Test Software	BALUN	BL410-E	V22.930	/		☒

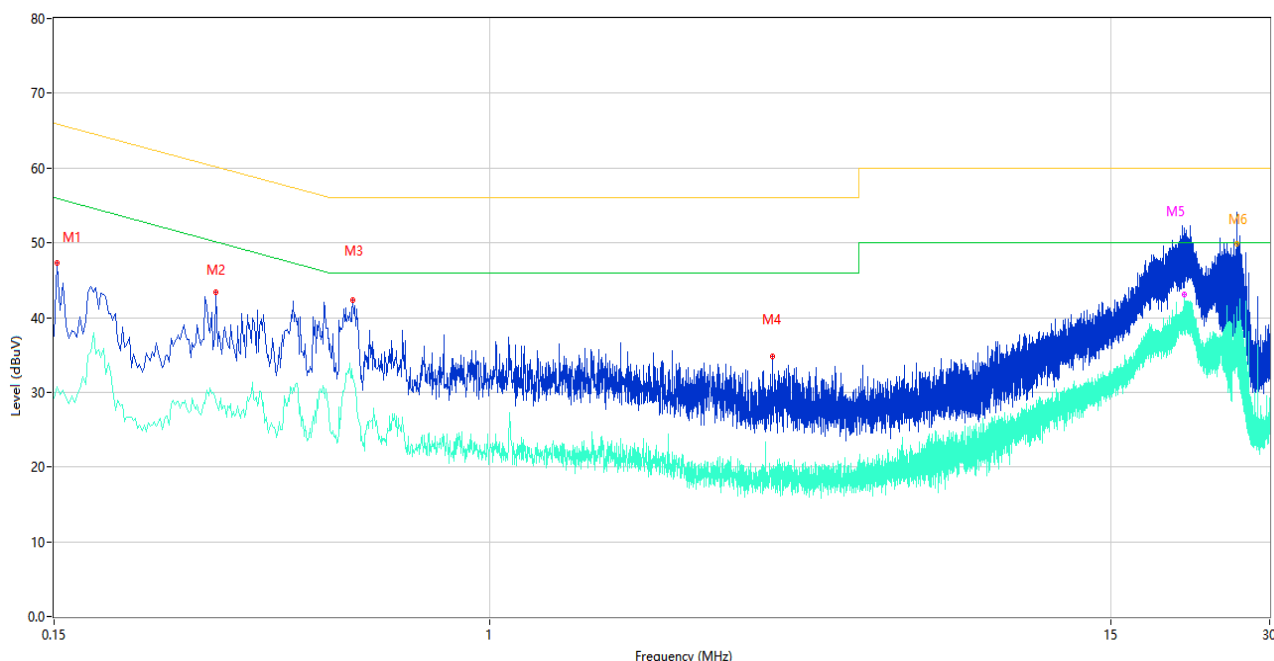
A.2 Conducted Emission, AC Ports

Note: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 50/60 Hz and 240 VAC, 50/60 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration (120 VAC, 60 Hz) shown here.

Sample No.	S11	Temperature	23.9℃
Humidity	45%RH	Pressure	101kPa
Test Engineer	Yang Panxia	Test Date	2025.09.15

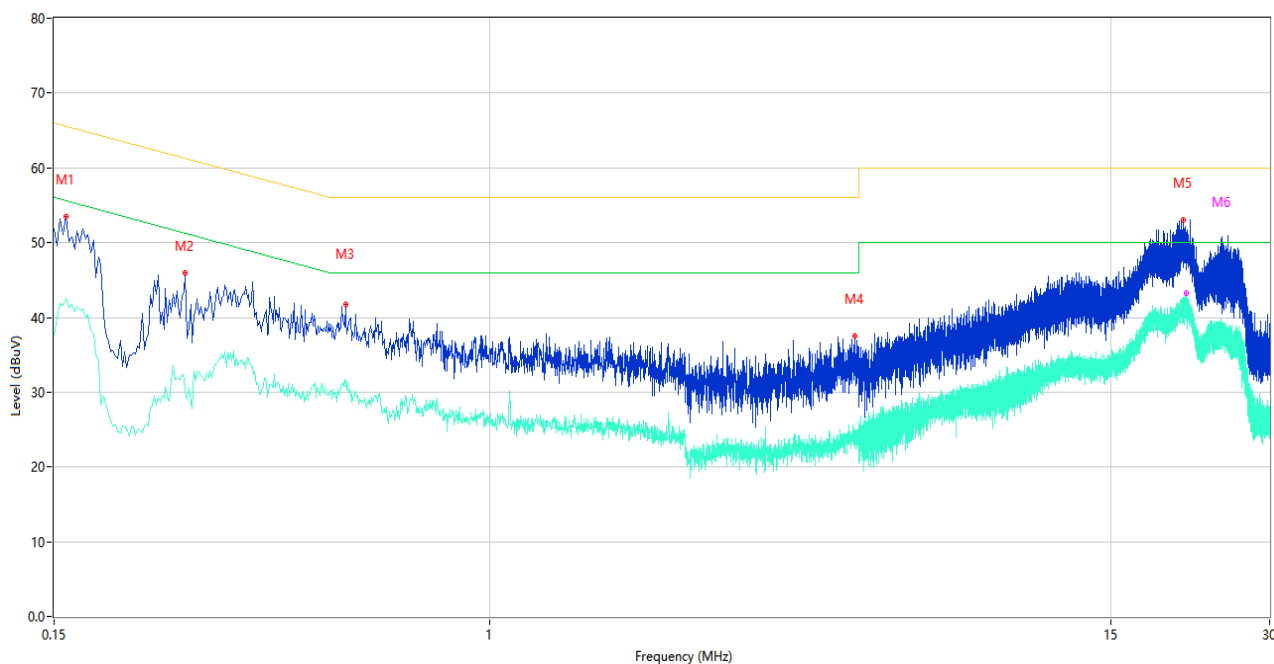
Test Mode 4

1) AC Ports - L Phase



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.152	47.37	10.30	65.89	18.52	Peak	L	Pass
1**	0.152	30.80	10.30	55.89	25.09	AV	L	Pass
2	0.304	43.37	10.26	60.13	16.76	Peak	L	Pass
2**	0.304	28.83	10.26	50.13	21.30	AV	L	Pass
3	0.552	42.30	10.28	56.00	13.70	Peak	L	Pass
3**	0.552	32.21	10.28	46.00	13.79	AV	L	Pass
4	3.440	34.84	10.62	56.00	21.16	Peak	L	Pass
4**	3.440	19.79	10.62	46.00	26.21	AV	L	Pass
5	20.676	52.00	14.61	60.00	8.00	Peak	L	Pass
5**	20.676	43.09	14.61	50.00	6.91	AV	L	Pass
6	26.020	54.98	15.67	60.00	5.02	Peak	L	N/A
6*	26.020	49.90	15.67	60.00	10.10	QP	L	Pass
6**	26.020	39.40	15.67	50.00	10.60	AV	L	Pass

2) AC Ports - N Phase

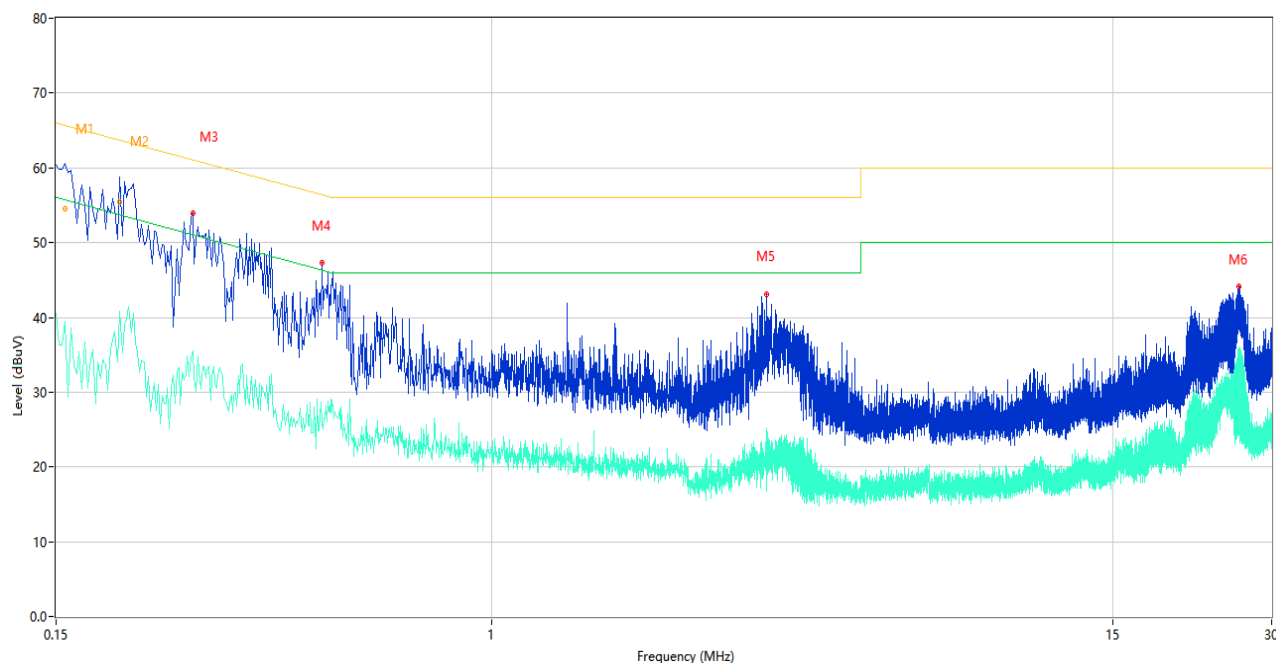


No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.158	53.50	10.30	65.57	12.07	Peak	N	Pass
1**	0.158	42.69	10.30	55.57	12.88	AV	N	Pass
2	0.266	46.00	10.26	61.24	15.24	Peak	N	Pass
2**	0.266	30.07	10.26	51.24	21.17	AV	N	Pass
3	0.534	41.66	10.28	56.00	14.34	Peak	N	Pass
3**	0.534	30.70	10.28	46.00	15.30	AV	N	Pass
4	4.920	37.53	10.85	56.00	18.47	Peak	N	Pass
4**	4.920	23.69	10.85	46.00	22.31	AV	N	Pass
5	20.610	53.06	14.60	60.00	6.94	Peak	N	Pass
5**	20.610	42.19	14.60	50.00	7.81	AV	N	Pass
6	20.818	50.40	14.64	60.00	9.60	Peak	N	Pass
6**	20.818	43.18	14.64	50.00	6.82	AV	N	Pass

Equipment Information						
Equipment Name	Supplier	Model	Serial No.	Cal. Date	Cal. Due	Use
EMI Receiver	KEYSIGHT	N9010B	MY57110309	2025.06.16	2026.06.15	☒
LISN	SCHWARZBECK	NSLK 8127	8127-687	2025.04.29	2026.04.28	☒
Shielded Room	YiHeng Electronic Co., Ltd	3.5m*3.1m*2.8m	112	2025.02.14	2028.02.13	☒
Description	Supplier	Name	Version	/		Use
Test Software	BALUN	BL410-E	V22.930	/		☒

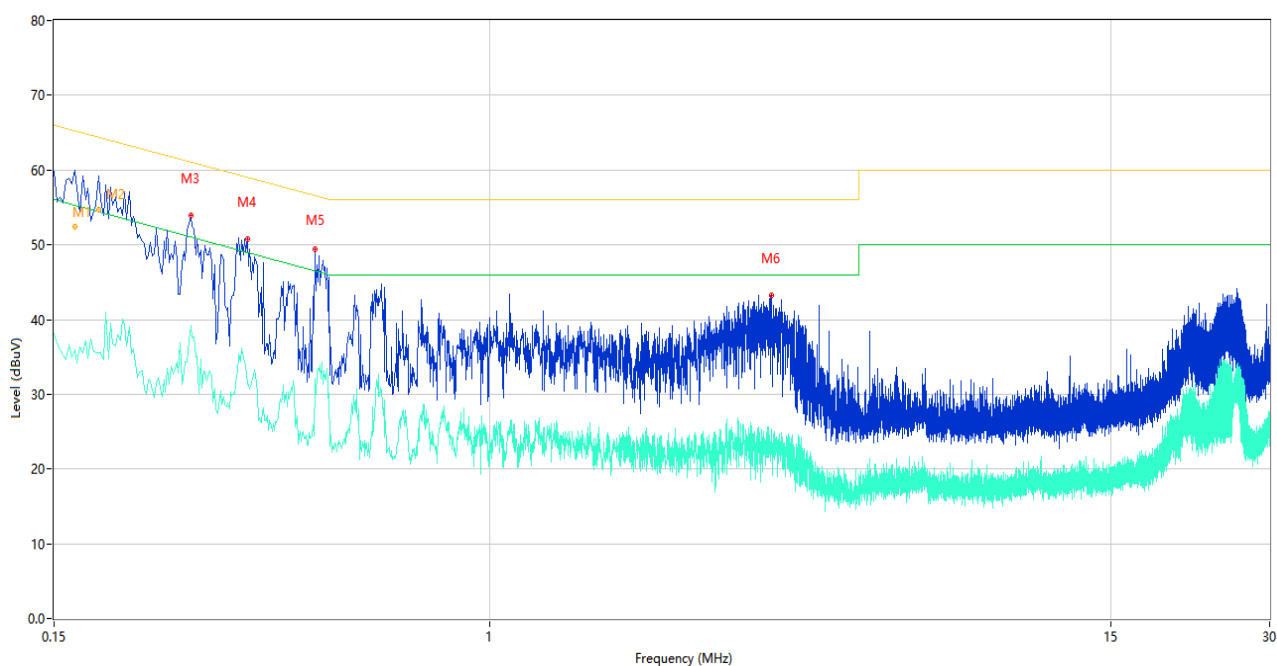
Test Mode 4

3) AC Ports - L Phase



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.156	61.90	10.30	65.67	3.77	Peak	L	N/A
1*	0.156	54.53	10.30	65.67	11.14	QP	L	Pass
1**	0.156	39.46	10.30	55.67	16.21	AV	L	Pass
2	0.198	61.51	10.27	63.69	2.18	Peak	L	N/A
2*	0.198	55.39	10.27	63.69	8.30	QP	L	Pass
2**	0.198	40.79	10.27	53.69	12.90	AV	L	Pass
3	0.272	53.91	10.26	61.06	7.15	Peak	L	Pass
3**	0.272	35.62	10.26	51.06	15.44	AV	L	Pass
4	0.478	47.31	10.27	56.37	9.06	Peak	L	Pass
4**	0.478	25.94	10.27	46.37	20.43	AV	L	Pass
5	3.322	43.16	10.61	56.00	12.84	Peak	L	Pass
5**	3.322	25.23	10.61	46.00	20.77	AV	L	Pass
6	25.998	44.13	15.67	60.00	15.87	Peak	L	Pass
6**	25.998	26.72	15.67	50.00	23.28	AV	L	Pass

4) AC Ports - N Phase



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.164	63.55	10.30	65.26	1.71	Peak	L	N/A
1*	0.164	52.36	10.30	65.26	12.90	QP	L	Pass
1**	0.164	36.07	10.30	55.26	19.19	AV	L	Pass
2	0.182	60.14	10.28	64.39	4.25	Peak	L	N/A
2*	0.182	54.76	10.28	64.39	9.63	QP	L	Pass
2**	0.182	35.48	10.28	54.39	18.91	AV	L	Pass
3	0.272	53.97	10.26	61.06	7.09	Peak	L	Pass
3**	0.272	39.14	10.26	51.06	11.92	AV	L	Pass
4	0.348	50.81	10.26	59.01	8.20	Peak	L	Pass
4**	0.348	31.39	10.26	49.01	17.62	AV	L	Pass
5	0.468	49.35	10.27	56.55	7.20	Peak	L	Pass
5**	0.468	32.05	10.27	46.55	14.50	AV	L	Pass
6	3.422	43.28	10.62	56.00	12.72	Peak	L	Pass
6**	3.422	23.71	10.62	46.00	22.29	AV	L	Pass

Equipment Information						
Equipment Name	Supplier	Model	Serial No.	Cal. Date	Cal. Due	Use
EMI Receiver	KEYSIGHT	N9010B	MY57110309	2025.06.16	2026.06.15	☒
LISN	SCHWARZBECK	NSLK 8127	8127-687	2025.04.29	2026.04.28	☒
Shielded Room	YiHeng Electronic Co., Ltd	3.5m*3.1m*2.8m	112	2025.02.14	2028.02.13	☒
Description	Supplier	Name	Version	/		Use
Test Software	BALUN	BL410-E	V22.930	/		☒

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2590705-AE.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2590705-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2590705-AI.PDF”.

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--END OF REPORT--