

TEST REPORT

Applicant: TCL Communication Ltd.
Address: 5/F, Building 22E, 22 Science Park East Avenue,
Hong Kong Science Park, Shatin, NT, Hong Kong
Equipment Type: Tablet PC
Model Name: 9566X (refer to section 2.3)
Brand Name: TCL
FCC ID: 2ACCJB242
Test Standard: 47 CFR Part 15 Subpart B
ANSI C63.4-2014
Sample Arrival Date: Sep. 15, 2025
Test Date: Oct. 09, 2025 - Oct. 10, 2025
Date of Issue: Nov. 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. 31, 2025</u>	<u>Initial Issue</u>
<u>Rev. 02</u>	<u>Nov. 18, 2025</u>	<u>Add second-screen information</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	TCL Communication Ltd.
Address	5/F, Building 22E, 22 Science Park East Avenue, Hong Kong Science Park, Shatin, NT, Hong Kong

2.2 Manufacturer Information

Manufacturer	TCL Communication Ltd.
Address	5/F, Building 22E, 22 Science Park East Avenue, Hong Kong Science Park, Shatin, NT, Hong Kong

2.3 General Description for Equipment under Test (EUT)

EUT Name	Tablet PC
Model Name Under Test	9566X
Series Model Name	9566X(2082114QFH064002-53D)
Description of Model name differentiation	The distinction lies in screen variations, with specific specifications as follows: Supply1: 2082114QFH064002-53D Supply2: 2082114OFH064001-53D
Hardware Version	05
Software Version	1W13
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.4 Ancillary Equipment

Ancillary Equipment 1	Battery	
	Brand Name	/
	Model No.	TLp078F8
	Serial No.	N/A
	Capacity	7800mAh
	Rated Voltage	3.91 V
Ancillary Equipment 2	USB Cable	
	Length (Approx.)	0.8m
Ancillary Equipment 3	Bluetooth pen	
Ancillary Equipment 4	Pogopin Keyboard	

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(VHT20/40/80) WPT
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	☒
Adapter	N/A	N/A	N/A	N/A	N/A	☒

4.2 Test Configurations

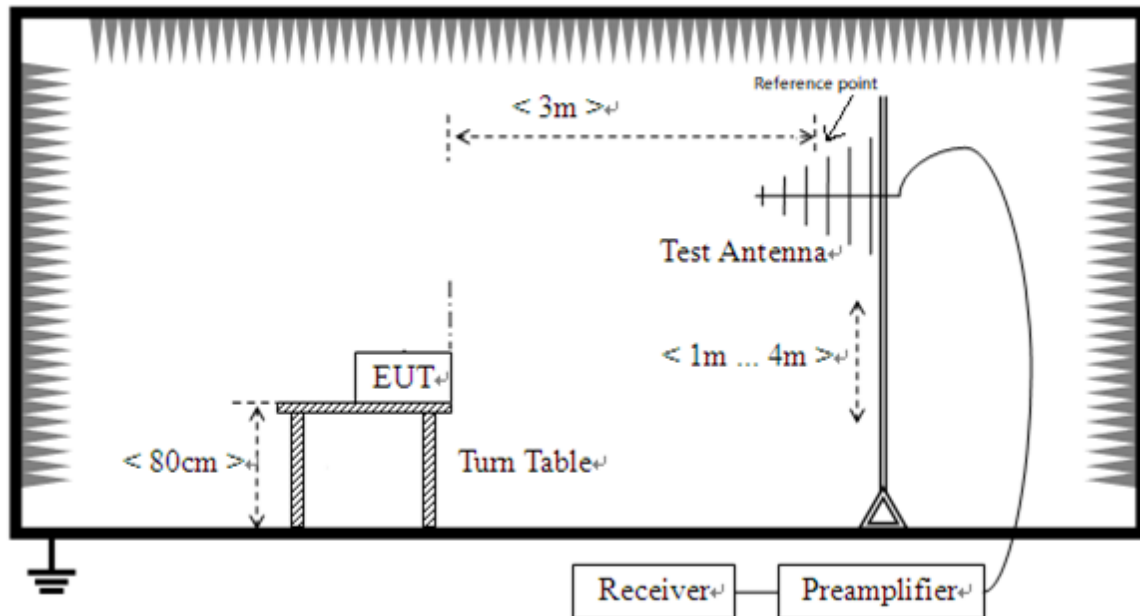
All test modes of EUT are listed in the table below.

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

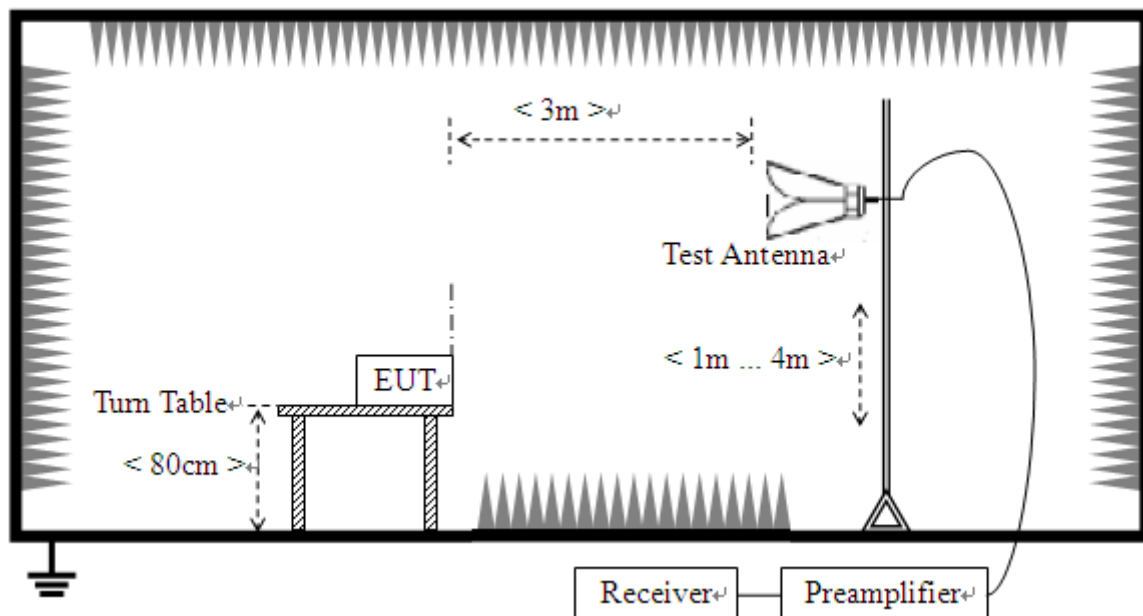
Test Case	Test Mode Configuration	Worst Mode
Radiated Emission	Mode 1~Mode 7	3, 5
Conducted Emission, AC Ports	Mode 1~Mode 5	4, 5
Note: All operation modes were tested, but only test data of the worst mode was presented in this report.		

4.3 Test Setups

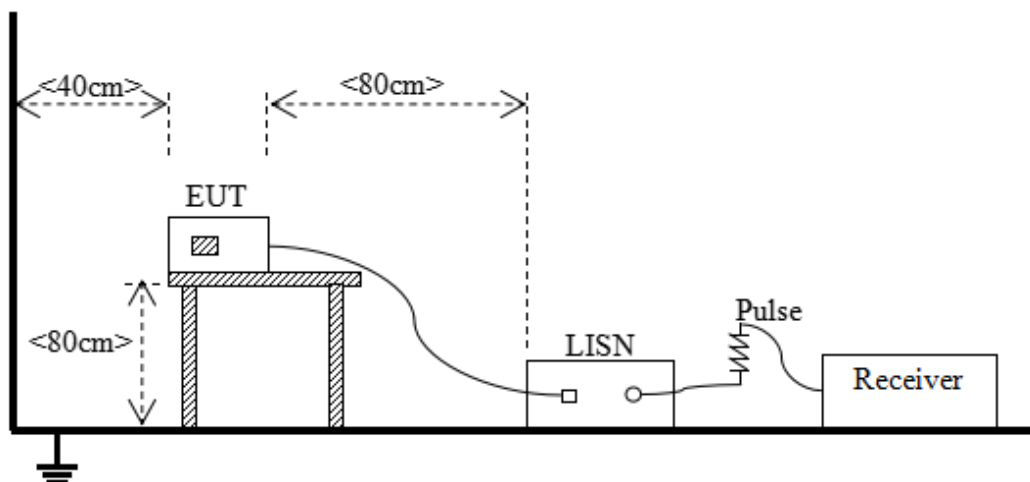
Test Setup 1



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 (dBμV) = Reading (dBμV) + 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

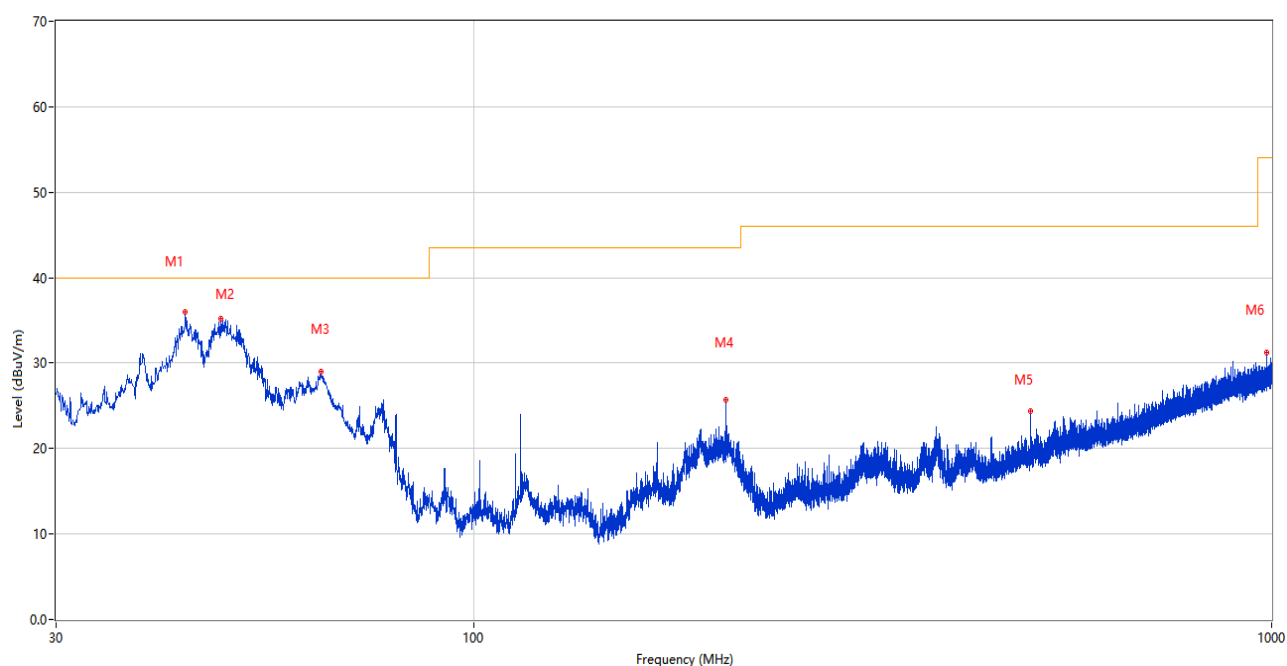
Note 1: For the test data above 1 GHz, according the ANSI C63.4-2014, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

Note 2: The Radiated Emission is required to be investigated to the upper frequency of 5th harmonic of the highest internal frequency of EUT or 40 GHz, whichever is lower. The test results above 18GHz are only noise and are not recorded in the report.

Sample No.	S03	Temperature	21.0℃
Humidity	47%RH	Pressure	101kPa
Test Engineer	Chen Jingran	Test Date	2025.10.10

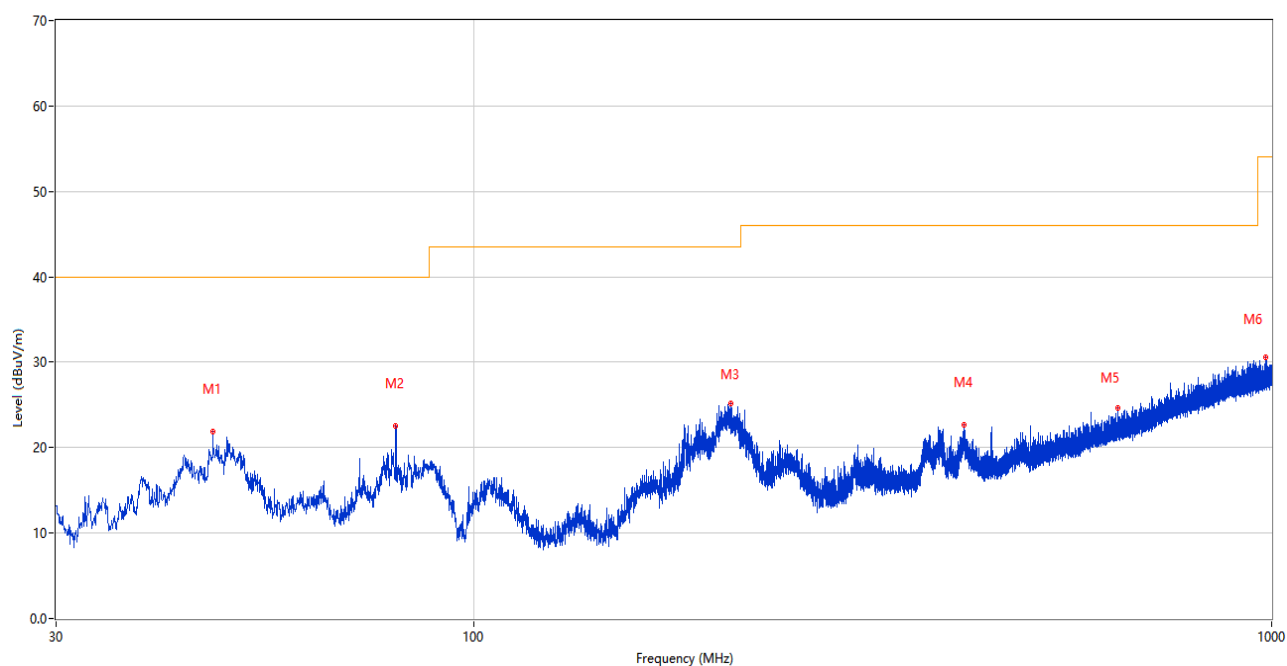
Test Mode 3

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	43.532	35.93	-25.22	40.0	4.07	Peak	95.00	100	Vertical	Pass
2	48.285	35.15	-25.20	40.0	4.85	Peak	128.00	100	Vertical	Pass
3	64.338	29.04	-26.69	40.0	10.96	Peak	51.00	100	Vertical	Pass
4	207.170	25.69	-26.53	43.5	17.81	Peak	1.00	200	Vertical	Pass
5	498.558	24.43	-18.88	46.0	21.57	Peak	204.00	100	Vertical	Pass
6	985.159	31.31	-8.54	54.0	22.69	Peak	265.00	100	Vertical	Pass

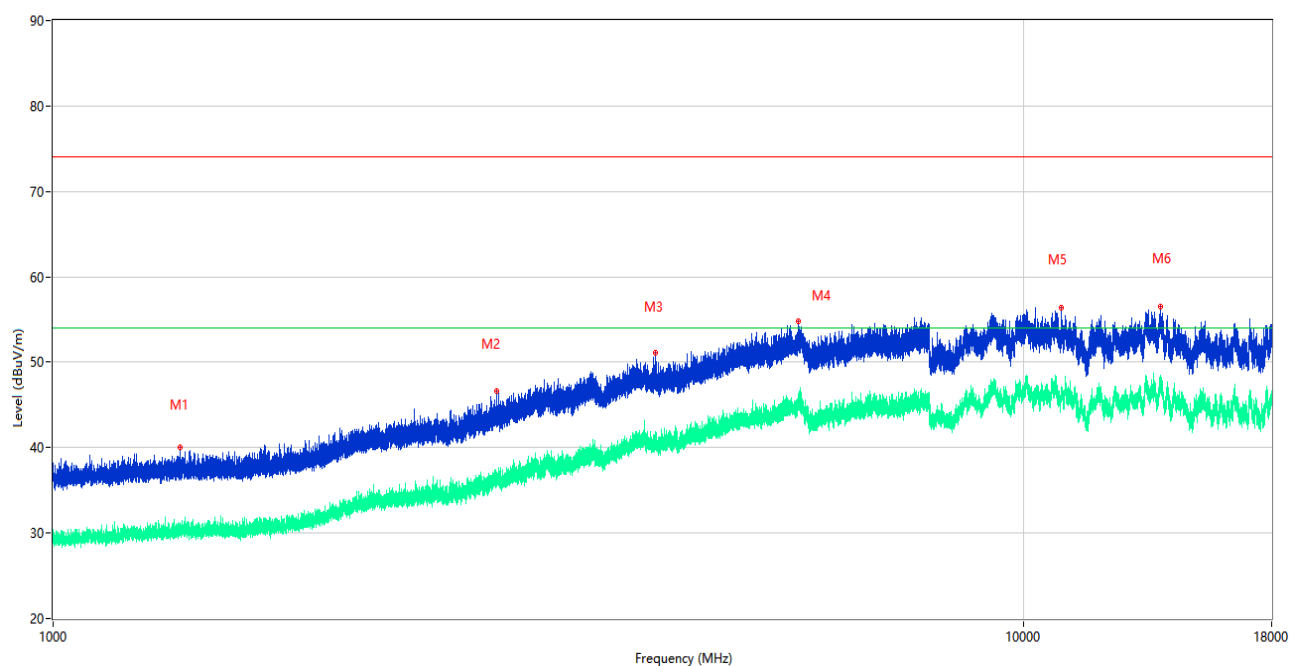
2) Test Antenna Horizontal, 30 MHz – 1 GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	47.169	21.89	-25.64	40.0	18.11	Peak	102.00	100	Horizontal	Pass
2	79.955	22.51	-30.84	40.0	17.49	Peak	319.00	200	Horizontal	Pass
3	210.226	25.20	-26.52	43.5	18.30	Peak	94.00	100	Horizontal	Pass
4	411.889	22.63	-20.63	46.0	23.37	Peak	164.00	100	Horizontal	Pass
5	641.197	24.67	-15.24	46.0	21.33	Peak	95.00	200	Horizontal	Pass
6	981.716	30.62	-8.62	54.0	23.38	Peak	156.00	200	Horizontal	Pass

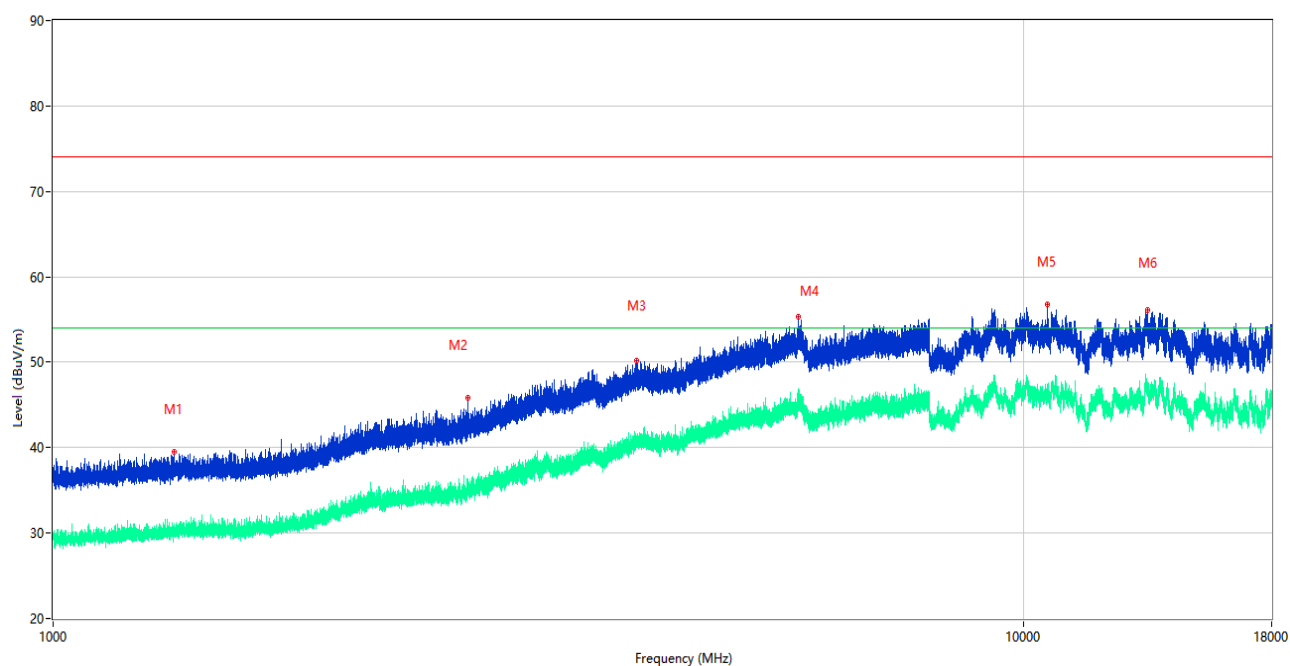
Equipment Information						
Equipment Name	Supplier	Model	Serial No.	Cal. Date	Cal. Due	Use
Frequency Below 1 GHz						
EMI Receiver	Keysight	N9038A	MY55330120	2025.06.17	2026.06.16	☒
Amplifier (30-1GHz)	COM-MV	ZT30-1000M	B2017119081	2024.11.28	2025.11.27	☒
Test Antenna- Bi-Log	SCHWARZB ECK	VULB 9168	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	1350.740	40.01	-15.47	74.0	33.99	Peak	10.00	100	Vertical	Pass
1**	1350.740	30.74	-15.47	54.0	23.26	AV	10.00	100	Vertical	Pass
2	2867.060	46.67	-7.59	74.0	27.33	Peak	247.00	100	Vertical	Pass
2**	2867.060	37.15	-7.59	54.0	16.85	AV	247.00	100	Vertical	Pass
3	4177.280	51.06	-1.60	74.0	22.94	Peak	62.00	100	Vertical	Pass
3**	4177.280	40.75	-1.60	54.0	13.25	AV	62.00	100	Vertical	Pass
4	5860.500	54.81	3.06	74.0	19.19	Peak	173.00	100	Vertical	Pass
4**	5860.500	45.68	3.06	54.0	8.32	AV	173.00	100	Vertical	Pass
5	10934.000	56.40	3.15	74.0	17.60	Peak	37.00	100	Vertical	Pass
5**	10934.000	46.44	3.15	54.0	7.56	AV	37.00	100	Vertical	Pass
6	13815.500	56.52	5.62	74.0	17.48	Peak	11.00	100	Vertical	Pass
6**	13815.500	47.20	5.62	54.0	6.80	AV	11.00	100	Vertical	Pass

4) Test Antenna Horizontal, 1 GHz – 18 GHz

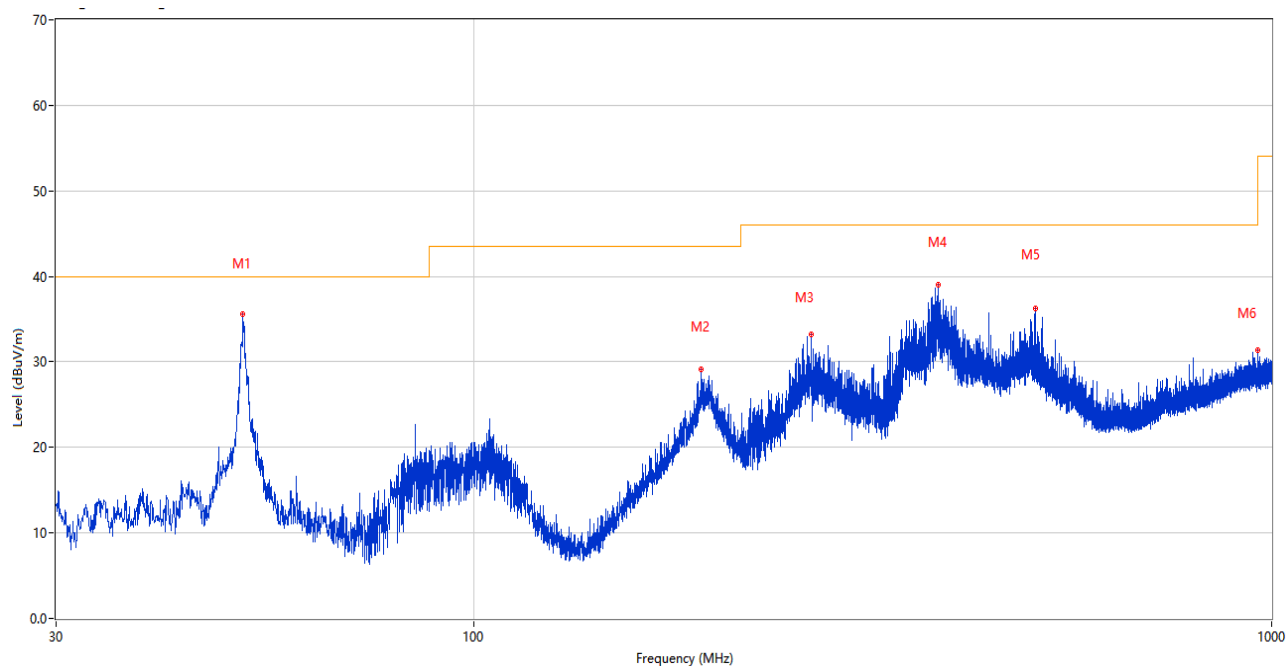


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.930	39.57	-15.64	74.0	34.43	Peak	126.00	100	Horizontal	Pass
1**	1332.930	29.77	-15.64	54.0	24.23	AV	126.00	100	Horizontal	Pass
2	2674.530	45.78	-8.81	74.0	28.22	Peak	360.00	100	Horizontal	Pass
2**	2674.530	35.07	-8.81	54.0	18.93	AV	360.00	100	Horizontal	Pass
3	3988.520	50.18	-1.31	74.0	23.82	Peak	109.00	100	Horizontal	Pass
3**	3988.520	40.63	-1.31	54.0	13.37	AV	109.00	100	Horizontal	Pass
4	5859.400	55.32	3.06	74.0	18.68	Peak	128.00	100	Horizontal	Pass
4**	5859.400	45.05	3.06	54.0	8.95	AV	128.00	100	Horizontal	Pass
5	10580.000	56.76	3.19	74.0	17.24	Peak	218.00	100	Horizontal	Pass
5**	10580.000	47.00	3.19	54.0	7.00	AV	218.00	100	Horizontal	Pass
6	13406.500	56.08	4.62	74.0	17.92	Peak	61.00	100	Horizontal	Pass
6**	13406.500	46.71	4.62	54.0	7.29	AV	61.00	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	/		☒

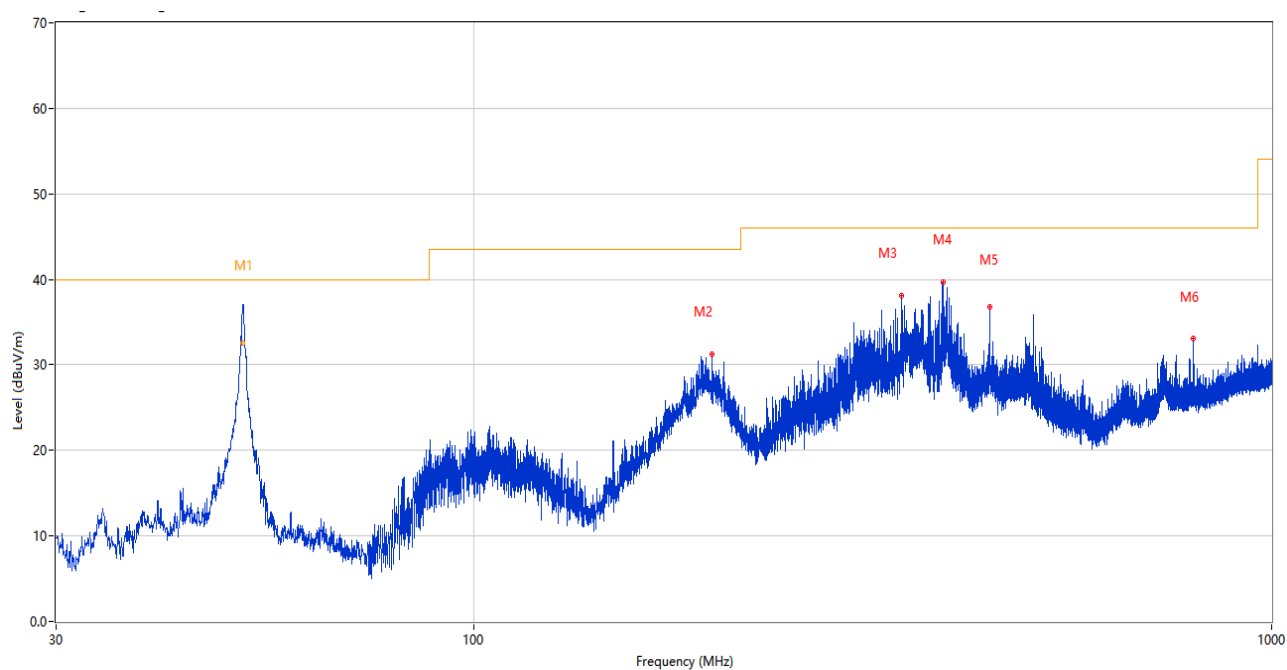
Test Mode 5

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	51.389	35.62	-24.09	40.0	4.38	Peak	92.00	100	Vertical	Pass
2	193.057	29.15	-26.82	43.5	14.35	Peak	360.00	200	Vertical	Pass
3	265.128	33.24	-24.66	46.0	12.76	Peak	176.00	200	Vertical	Pass
4	381.674	38.99	-21.48	46.0	7.01	Peak	81.00	100	Vertical	Pass
5	506.367	36.20	-18.54	46.0	9.80	Peak	108.00	100	Vertical	Pass
6	960.036	31.33	-9.09	54.0	22.67	Peak	57.00	100	Vertical	Pass

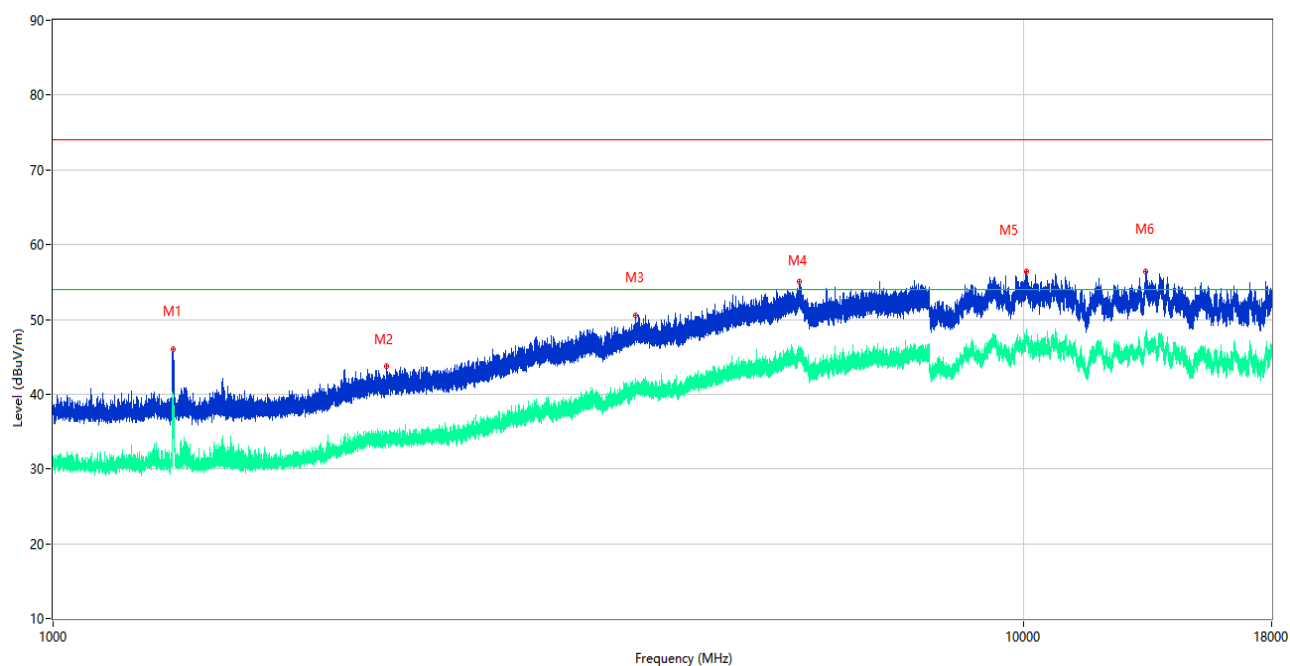
6) Test Antenna Horizontal, 30 MHz – 1 GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	51.434	37.76	-24.25	40.0	2.24	Peak	358.00	200	Horizontal	N/A
1*	51.434	32.61	-24.25	40.0	7.39	QP	358.00	200	Horizontal	Pass
2	199.023	31.20	-26.25	43.5	12.30	Peak	105.00	100	Horizontal	Pass
3	343.650	38.07	-21.97	46.0	7.93	Peak	81.00	100	Horizontal	Pass
4	387.591	39.70	-21.32	46.0	6.30	Peak	240.00	100	Horizontal	Pass
5	443.317	36.77	-20.03	46.0	9.23	Peak	107.00	200	Horizontal	Pass
6	796.833	33.11	-11.89	46.0	12.89	Peak	172.00	100	Horizontal	Pass

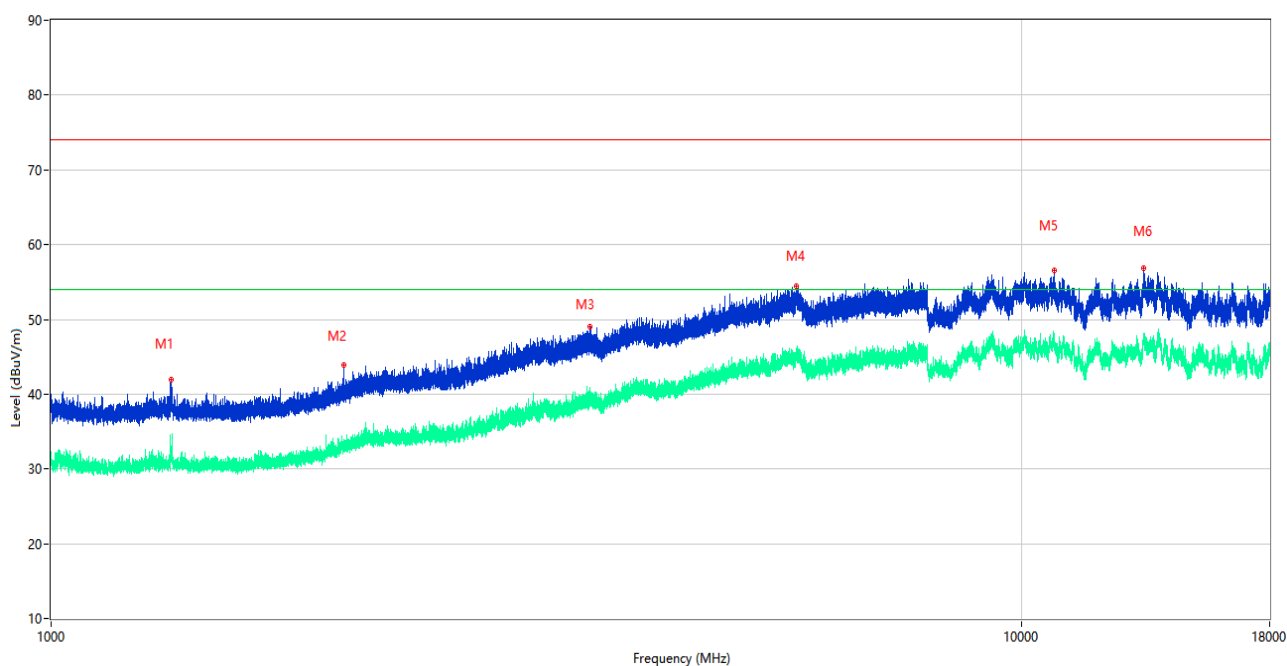
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Equipment Name	Supplier	Model	Serial No.	Cal. Date	Cal. Due	Use
Frequency Below 1 GHz						
EMI Receiver	Keysight	N9038A	MY55330120	2025.06.17	2026.06.16	☒
Amplifier (30-1GHz)	COM-MV	ZT30-1000M	B2017119081	2024.11.28	2025.11.27	☒
Test Antenna- Bi-Log	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	/		☒

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	1329.550	45.93	-15.59	74.0	28.07	Peak	175.00	100	Vertical	Pass
1**	1329.550	38.11	-15.59	54.0	15.89	AV	175.00	100	Vertical	Pass
2	2206.140	43.73	-11.90	74.0	30.27	Peak	303.00	100	Vertical	Pass
2**	2206.140	34.07	-11.90	54.0	19.93	AV	303.00	100	Vertical	Pass
3	3980.600	50.57	-1.39	74.0	23.43	Peak	115.00	100	Vertical	Pass
3**	3980.600	40.44	-1.39	54.0	13.56	AV	115.00	100	Vertical	Pass
4	5872.160	55.02	2.83	74.0	18.98	Peak	271.00	100	Vertical	Pass
4**	5872.160	45.03	2.83	54.0	8.97	AV	271.00	100	Vertical	Pass
5	10054.500	56.46	5.26	74.0	17.54	Peak	257.00	100	Vertical	Pass
5**	10054.500	47.45	5.26	54.0	6.55	AV	257.00	100	Vertical	Pass
6	13354.000	56.43	5.24	74.0	17.57	Peak	308.00	100	Vertical	Pass
6**	13354.000	47.39	5.24	54.0	6.61	AV	308.00	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	1330.590	41.93	-15.61	74.0	32.07	Peak	168.00	100	Horizontal	Pass
1**	1330.590	32.01	-15.61	54.0	21.99	AV	168.00	100	Horizontal	Pass
2	2004.250	43.96	-13.41	74.0	30.04	Peak	318.00	100	Horizontal	Pass
2**	2004.250	32.66	-13.41	54.0	21.34	AV	318.00	100	Horizontal	Pass
3	3590.380	49.09	-4.17	74.0	24.91	Peak	215.00	100	Horizontal	Pass
3**	3590.380	39.28	-4.17	54.0	14.72	AV	215.00	100	Horizontal	Pass
4	5853.460	54.41	2.89	74.0	19.59	Peak	211.00	100	Horizontal	Pass
4**	5853.460	45.02	2.89	54.0	8.98	AV	211.00	100	Horizontal	Pass
5	10791.000	56.59	4.29	74.0	17.41	Peak	247.00	100	Horizontal	Pass
5**	10791.000	47.42	4.29	54.0	6.58	AV	247.00	100	Horizontal	Pass
6	13358.000	56.78	5.19	74.0	17.22	Peak	158.00	100	Horizontal	Pass
6**	13358.000	47.22	5.19	54.0	6.78	AV	158.00	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	/		☒

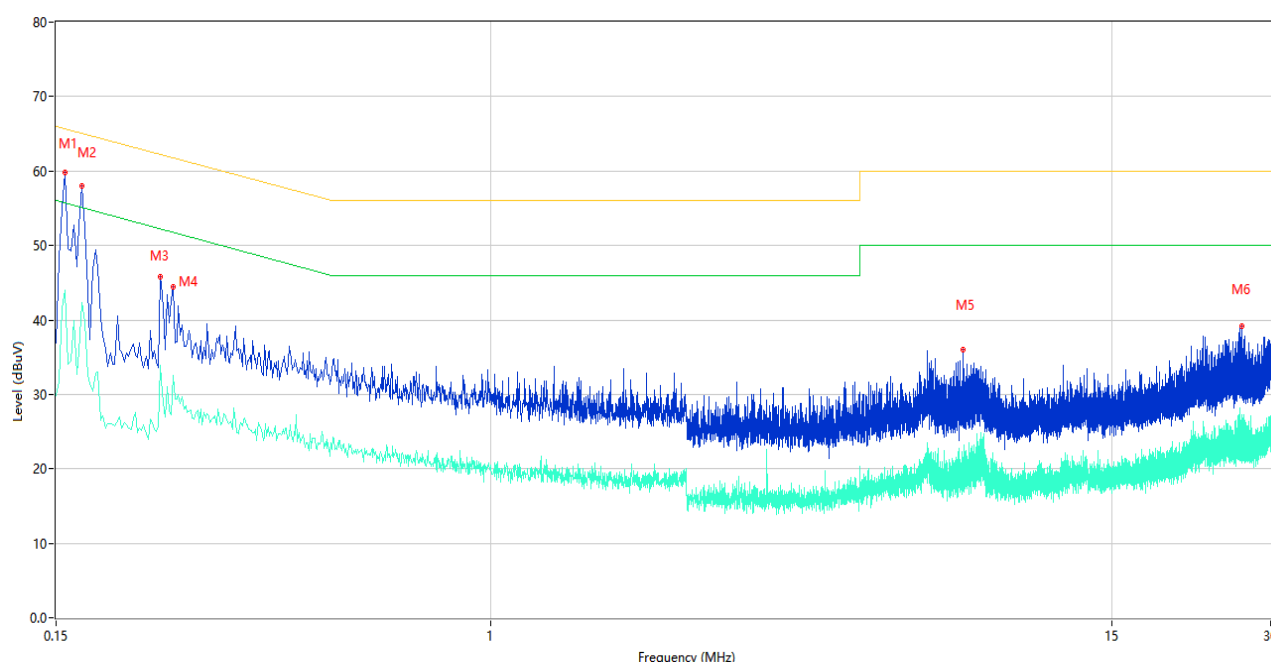
A.2 Conducted Emission, AC Ports

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.	S03	Temperature	24.7°C
Humidity	43%RH	Pressure	101kPa
Test Engineer	Yang Panxia	Test Date	2025.10.09

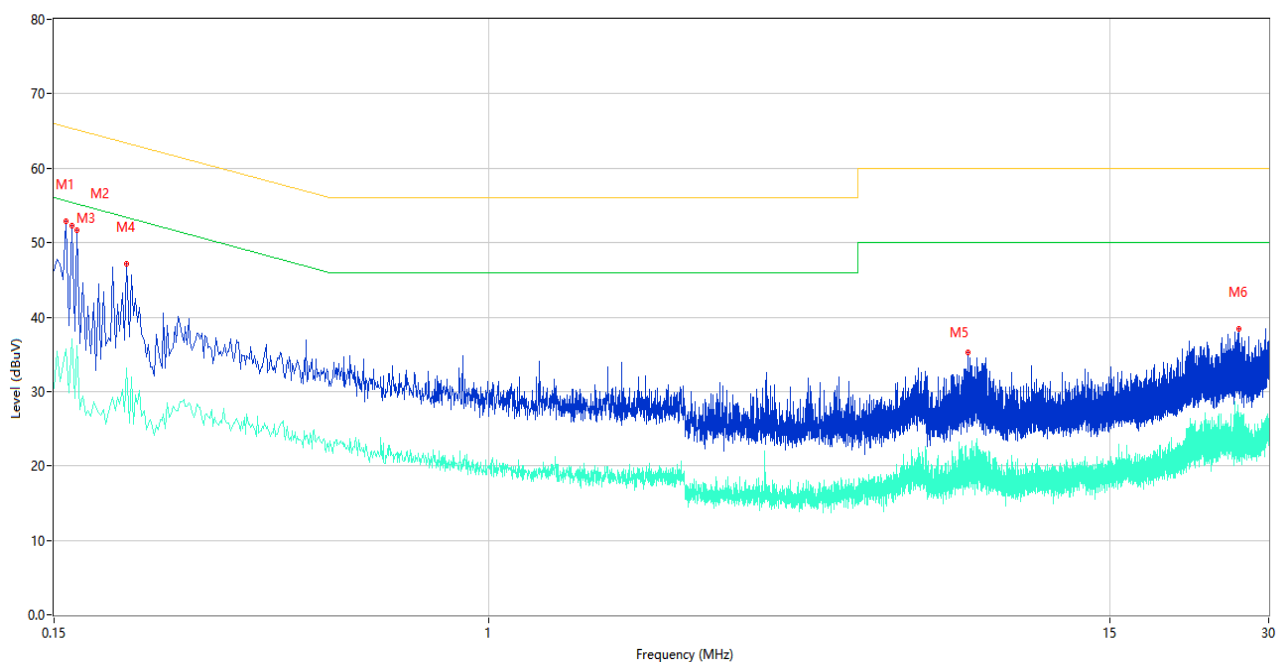
Test Mode 4

1) AC Ports - L Phase



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.156	59.82	10.30	65.67	5.85	Peak	L	Pass
1**	0.156	44.03	10.30	55.67	11.64	AV	L	Pass
2	0.168	58.05	10.29	65.06	7.01	Peak	L	Pass
2**	0.168	42.38	10.29	55.06	12.68	AV	L	Pass
3	0.236	45.87	10.26	62.24	16.37	Peak	L	Pass
3**	0.236	33.82	10.26	52.24	18.42	AV	L	Pass
4	0.250	44.45	10.26	61.76	17.31	Peak	L	Pass
4**	0.250	32.59	10.26	51.76	19.17	AV	L	Pass
5	7.852	36.08	11.41	60.00	23.92	Peak	L	Pass
5**	7.852	21.61	11.41	50.00	28.39	AV	L	Pass
6	26.504	39.17	15.73	60.00	20.83	Peak	L	Pass
6**	26.504	21.21	15.73	50.00	28.79	AV	L	Pass

2) AC Ports - N Phase

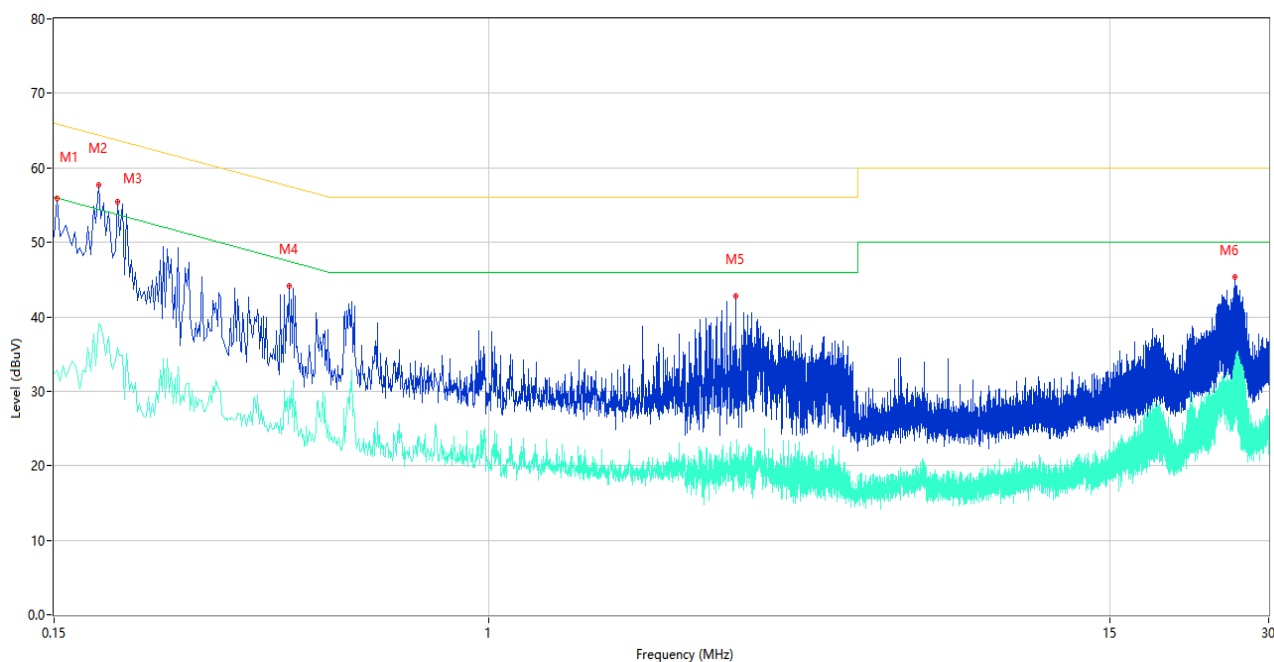


No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.158	52.95	10.21	65.57	12.62	Peak	N	Pass
1**	0.158	35.76	10.21	55.57	19.81	AV	N	Pass
2	0.162	52.25	10.21	65.36	13.11	Peak	N	Pass
2**	0.162	37.11	10.21	55.36	18.25	AV	N	Pass
3	0.166	51.69	10.20	65.16	13.47	Peak	N	Pass
3**	0.166	36.09	10.20	55.16	19.07	AV	N	Pass
4	0.206	47.20	10.19	63.37	16.17	Peak	N	Pass
4**	0.206	33.13	10.19	53.37	20.24	AV	N	Pass
5	8.072	35.28	11.36	60.00	24.72	Peak	N	Pass
5**	8.072	20.32	11.36	50.00	29.68	AV	N	Pass
6	26.318	38.42	15.73	60.00	21.58	Peak	N	Pass
6**	26.318	26.23	15.73	50.00	23.77	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	/		☒

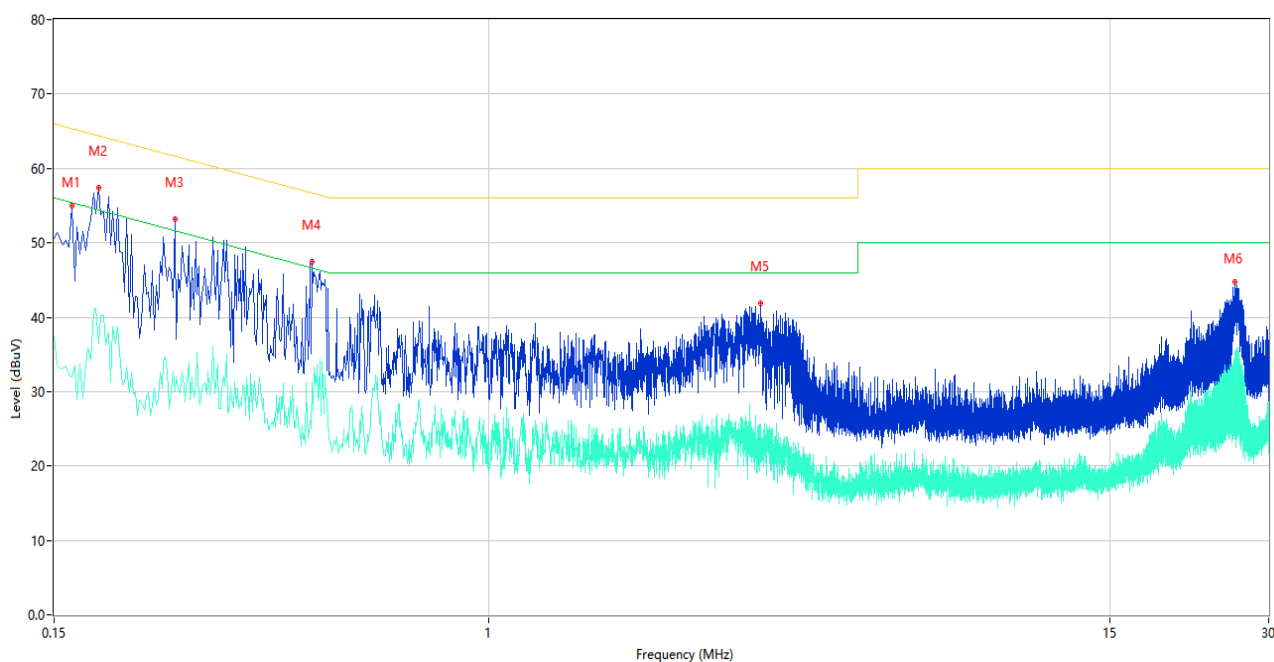
Test Mode 5

3) AC Ports - L Phase



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.152	55.89	10.30	65.89	10.00	Peak	L	Pass
1**	0.152	32.85	10.30	55.89	23.04	AV	L	Pass
2	0.182	57.69	10.28	64.39	6.70	Peak	L	Pass
2**	0.182	39.01	10.28	54.39	15.38	AV	L	Pass
3	0.198	55.47	10.27	63.69	8.22	Peak	L	Pass
3**	0.198	35.93	10.27	53.69	17.76	AV	L	Pass
4	0.418	44.09	10.26	57.49	13.40	Peak	L	Pass
4**	0.418	29.35	10.26	47.49	18.14	AV	L	Pass
5	2.940	42.72	10.56	56.00	13.28	Peak	L	Pass
5**	2.940	21.45	10.56	46.00	24.55	AV	L	Pass
6	25.950	45.32	15.62	60.00	14.68	Peak	L	Pass
6**	25.950	33.60	15.62	50.00	16.40	AV	L	Pass

4) AC Ports - N Phase



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.162	54.98	10.21	65.36	10.38	Peak	N	Pass
1**	0.162	31.87	10.21	55.36	23.49	AV	N	Pass
2	0.182	57.43	10.20	64.39	6.96	Peak	N	Pass
2**	0.182	36.45	10.20	54.39	17.94	AV	N	Pass
3	0.254	53.19	10.18	61.63	8.44	Peak	N	Pass
3**	0.254	30.03	10.18	51.63	21.60	AV	N	Pass
4	0.462	47.42	10.19	56.66	9.24	Peak	N	Pass
4**	0.462	31.40	10.19	46.66	15.26	AV	N	Pass
5	3.276	41.83	10.50	56.00	14.17	Peak	N	Pass
5**	3.276	24.22	10.50	46.00	21.78	AV	N	Pass
6	25.924	44.80	15.65	60.00	15.20	Peak	N	Pass
6**	25.924	34.84	15.65	50.00	15.16	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	/		☒

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2590682-AE-1.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2590682-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2590682-AI.PDF”.

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