

TEST REPORT

Applicant: Franklin Technology
Address: #906 JEI Platz, 186, Gasan digital1-ro,
Geumcheon-gu, Seoul 08502 Korea
Equipment Type: Mobile Hotspot
Model Name: RG3102
Brand Name: N/A
FCC ID: XHG-RG3102
Test Standard: 47 CFR Part 15 Subpart B
ANSI C63.4-2014
Sample Arrival Date: Sep. 13, 2024
Test Date: Sep. 13, 2024 - Sep. 14, 2024
Date of Issue: Feb. 06, 2025

ISSUED BY:

Shanghai Tejet Communications Technology Co., Ltd. Testing Center



Tested by: Chai Yong

Checked by: Huang Chengkun

Approved by: Chen Zidong
(Technical Director)

Chai Yong

Huang Chengkun

Chen Zidong

Revision History

Version	Issue Date	Revisions Content
<u>Rev. 01</u>	<u>Jan. 08, 2025</u>	<u>Initial Issue</u>
<u>Rev. 02</u>	<u>Feb. 06, 2025</u>	<u>Delete LTE CA Uplink(UL):CA_5B,</u> <u>CA_41C, CA_66C;</u> <u>SA UL MIMO: n2/n48/n66</u> <u>The original report is invalid</u>

TABLE OF CONTENTS

1 GENERAL INFORMATION	4
1.1 Test Laboratory	4
1.2 Test Location	4
2 PRODUCT INFORMATION	5
2.1 Applicant Information	5
2.2 Manufacturer Information	5
2.3 General Description for Equipment under Test (EUT)	5
2.4 Ancillary Equipment	6
2.5 Technical Information	7
3 SUMMARY OF TEST RESULTS	8
3.1 Test Standards	8
3.2 Verdict	8
3.3 Decision Rule	8
3.4 Test Uncertainty	8
4 GENERAL TEST CONFIGURATIONS	9
4.1 Test Enclosure List	9
4.2 Test Configurations	9
4.3 Test Setups	10
5 TEST ITEMS	12
5.1 Emission Tests	12
5.1.1 Radiated emission	12
5.1.2 Conducted emission	14
ANNEX A TEST RESULTS AND TEST EQUIPMENT LIST	15

A.1 Radiated emission	15
A.2 Conducted emission	21
ANNEX B TEST SETUP PHOTOS	25
ANNEX C EUT EXTERNAL PHOTOS	25
ANNEX D EUT INTERNAL PHOTOS	25

1 GENERAL INFORMATION

1.1 Test Laboratory

Name	Shanghai Tejet Communications Technology Co., Ltd. Testing Center
Address	1st to 2nd floors, Building 1, No. 222 Xuanlan Road, Xuanqiao Town, Pudong New District, Shanghai

1.2 Test Location

Name	Shanghai Tejet Communications Technology Co., Ltd. Testing Center
Location	1st to 2nd floors, Building 1, No. 222 Xuanlan Road, Xuanqiao Town, Pudong New District, Shanghai
Accreditation Certificate	The laboratory is a testing organization accredited by FCC as a accredited testing laboratory. The designation number is CN1352.

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	Franklin Technology
Address	#906 JEI Platz, 186, Gasan digital1-ro, Geumcheon-gu, Seoul 08502 Korea

2.2 Manufacturer Information

Manufacturer	Franklin Technology
Address	#906 JEI Platz, 186, Gasan digital1-ro, Geumcheon-gu, Seoul 08502 Korea

2.3 General Description for Equipment under Test (EUT)

Equipment Type	Mobile Hotspot
Model Name Under Test	RG3102
Series Model Name	N/A
Description of Model Name Differentiation	N/A
Hardware Version	P1
Software Version	RG3102.AT.1298
Dimensions (Approx.)	133mm(L) × 85mm(W) × 25.3mm(H)
Weight (Approx.)	N/A

2.4 Ancillary Equipment

Ancillary Equipment 1	Battery 1	
	Brand Name	N/A
	Model No.	I0722A
	Serial No.	N/A
	Capacity	5000 mAh
	Rated Voltage	3.8 V
	Limit Charge Voltage	4.2 V
Ancillary Equipment 2	Battery 2	
	Brand Name	N/A
	Model No.	BP2451
	Serial No.	N/A
	Capacity	5000 mAh
	Rated Voltage	3.8 V
	Limit Charge Voltage	4.2 V
Ancillary Equipment 3	Adapter 1	
	Brand Name	N/A
	Model No.	PD018W-G
	Serial No.	N/A
	Rated Input	100-240 V~, 0.5 A, 50/60 Hz
	Rated Output	5 V= 3.0 A, 9 V= 2.0 A, 12 V= 1.5 A
Ancillary Equipment 4	Adapter 2	
	Brand Name	N/A
	Model No.	P181
	Serial No.	N/A
	Rated Input	100-240 V~, 0.5 A, 50/60 Hz
	Rated Output	5 V= 3.0 A, 9 V= 2.0 A, 12 V= 1.5 A
Note 1: All adapters are tested, only the worst data of PD018W-G shown in this report.		
Note 2: All batteries are tested, only the worst data of BP2451 shown in this report.		

2.5 Technical Information

Network and wireless connectivity	3G Network WCDMA/HSDPA/HSUPA Band 2/4/5 4G Network LTE FDD Band 2/4/5/7/12/14/26/30/66 LTE TDD Band 38/40/41/48 5G Network SA: NR n2/n5/n14/n30/n48/n66/n77 SA UL MIMO: n77 NSA(EN-DC): DC_2A_n5A, DC_2A_n66A, DC_2A_n77A(3450-3550MHz), DC_2A_n77A(3700-3980MHz), DC_5A_n2A, DC_5A_n77A(3450-3550MHz), DC_5A_n77A(3700-3980MHz), DC_12A_n2A, DC_12A_n66A, DC_12A_n77A(3450-3550MHz), DC_12A_n77A(3770-3980MHz), DC_14A_n2A, DC_14A_n66A, DC_14A_n77A(3450-3550MHz), DC_14A_n77A(3770-3980MHz), DC_30A_n2A, DC_30A_n5A, DC_30A_n66A, DC_30A_n77A(3450-3550MHz), DC_30A_n77A(3770-3980MHz), DC_66A_n2A, DC_66A_n5A, DC_66A_n77A(3450-3550MHz), DC_66A_n77A(3770-3980MHz) 2.4G WIFI: 802.11b,g,n(20/40),ax(20/40),be(20/40) 5G WIFI 802.11a,n(20/40),ac(20/40/80/160),ax(20/40/80/160), be(20/40/80/160) 6G WIFI 802.11ax(20/40/80/160),be(20/40/80/160)
Classification of equipment	Class B
Highest frequency generated or used in the device or on which the device operates (MHz)	7125 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 Decision Rule

- ☐ No Need
- ☒ Use General conformity decision rule (Consider uncertainty or not ☒ No ☐ Yes)
- ☐ Use Special Conformity Decision Rule (Consider uncertainty or not ☐ No ☐ Yes)

3.4 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 (150 kHz-30 MHz)-AMN	2.6 dB
Radiated emissions (30 MHz-1 GHz)-966#1	4.4 dB
Radiated emissions (1 GHz-18 GHz) -966#1	5.2 dB
Radiated emissions (18 GHz-40 GHz) -966#1	5.5 dB

4 GENERAL TEST CONFIGURATIONS

4.1 Test Enclosure List

Description	Manufacturer	Model	Serial No.	Length	Description	Use
USB Cable	N/A	N/A	N/A	0.8m	N/A	☒
RJ45	N/A	N/A	N/A	1.5m	N/A	☒
Laptop	DELL	N/A	N/A	N/A	N/A	☒

4.2 Test Configurations

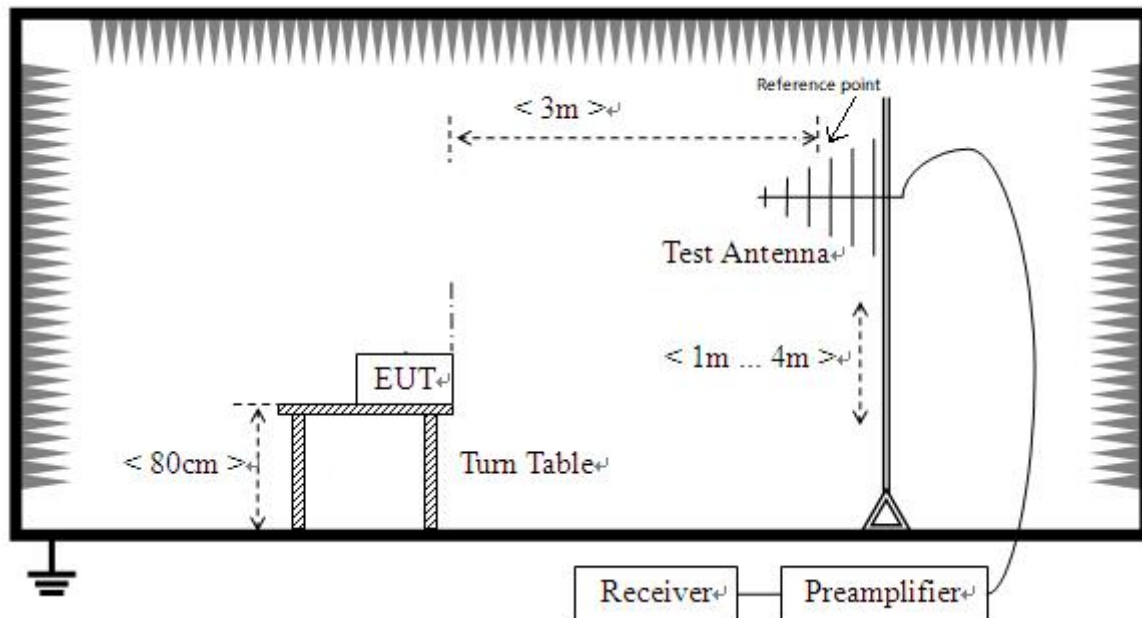
All test modes of EUT are listed in the table below.

Test Mode Configuration	Description
Mode 1	<u>The Normal Working Test Mode</u> EUT + Battery1 + Adapter2 + USB Cable + RJ45 + Laptop
Mode 2	<u>The Normal Working Test Mode</u> EUT + Battery1 + Adapter1 + USB Cable + RJ45 + Laptop
Mode 3	<u>The Normal Working Test Mode</u> EUT + Battery2 + Adapter2 + USB Cable + RJ45 + Laptop
Mode 4	<u>The Normal Working Test Mode</u> EUT + Battery2 + Adapter1 + USB Cable + RJ45 + Laptop

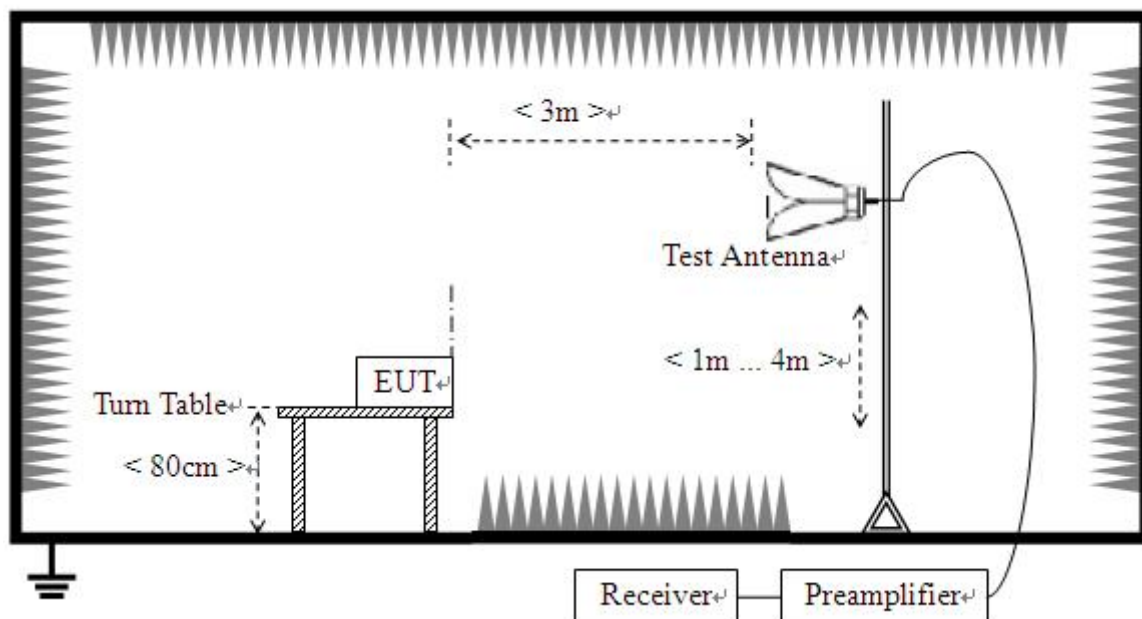
Test Case	Test Mode Configuration	Worst Mode
Radiated emission	Mode 1~Mode 4	4
Conducted emission	Mode 1~Mode 4	4
Note: Based on client request, all normal using modes of the normal function were tested, but only data of the worst mode (if test case has) was reported in this report.		

4.3 Test Setups

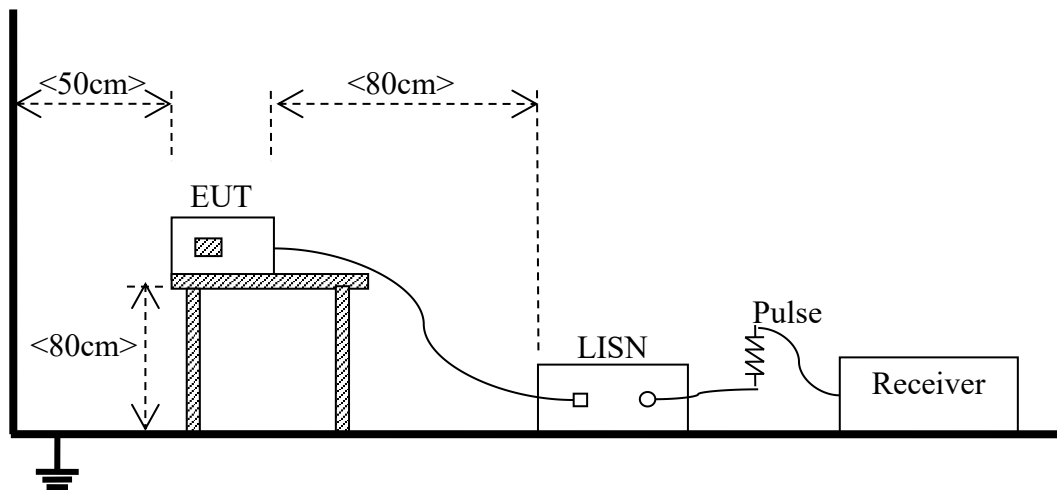
Test Setup 1



Radiated Emission (30 MHz-1 GHz)



Radiated Emission (above 1 GHz)

Test Setup 2

Conducted emission, 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) The limits using ANSI C63.4-2014.
- 4) For 30-1000 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

Please refer to 4.2 section description of test setup of test setup 1. The photo of test setup please refer to ANNEX B.

5.1.1.3 Test procedure

1. The test employing the methods of measurement described in the publication referenced in Section 3(b) (ANSI C63.4);
2. 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.
3. 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.
4. 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.
5. 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/m) + 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

5.1.2.1 Limit

Frequency range (MHz)	Class A		Class B	
	Quasi-peak (dB μ V)	Average (dB μ V)	Quasi-peak (dB μ V)	Average (dB μ V)
0.15 - 0.50	79	66	66 to 56	56 to 46
0.50 - 5	73	60	56	46
5 - 30	73	60	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.
- 3) The limit using ANSI C63.4.

5.1.2.2 Test setup

Please refer to 4.2 section description of test setup of test setup 2. The photo of test setup please refer to ANNEX B.

5.1.2.3 Test procedure

1. The test employing the methods of measurement described in the publication referenced in Section 3(b) (ANSI C63.4);
2. 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.
3. 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 AND TEST EQUIPMENT LIST

A.1 Radiated emission

Note 1: Measurements shall be made with a quasi-peak measuring receiver in the frequency range 30 MHz to 1000 MHz. To reduce the testing time, a peak measuring receiver may be used instead of a quasi-peak measuring receiver. In case of dispute, measurement with a quasi-peak measuring receiver will take precedence.

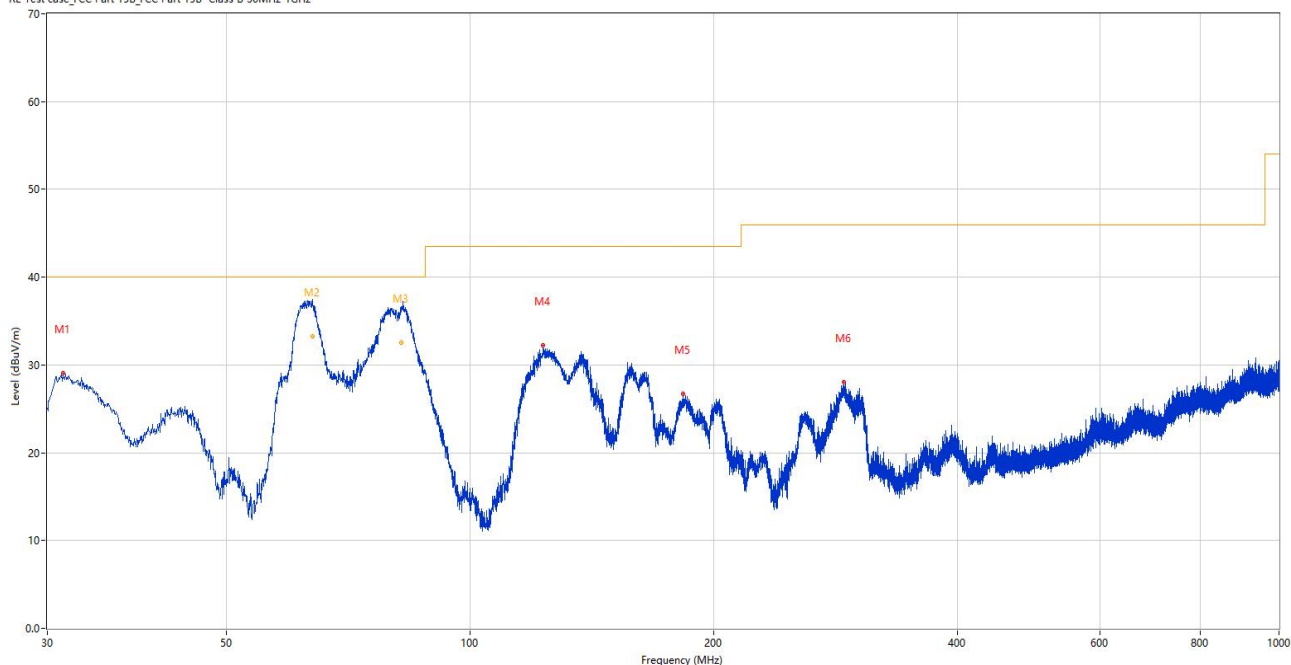
Note 2: The Radiated Emission is required to be investigated to the upper frequency of 5th harmonic of the highest internal frequency of EUT or 40 GHz, whichever is lower. The test results above 18GHz are only noise and are not recorded in the report.

Sample No.	SC-SH2470071-S13	Temperature	19.8°C
Humidity	49%RH	Test Voltage	AC 120V60Hz
Test Engineer	Hao Longda	Test Date	2024.09.14

Test Mode 4

A.1.1 Test Antenna Vertical, 30 MHz – 1 GHz

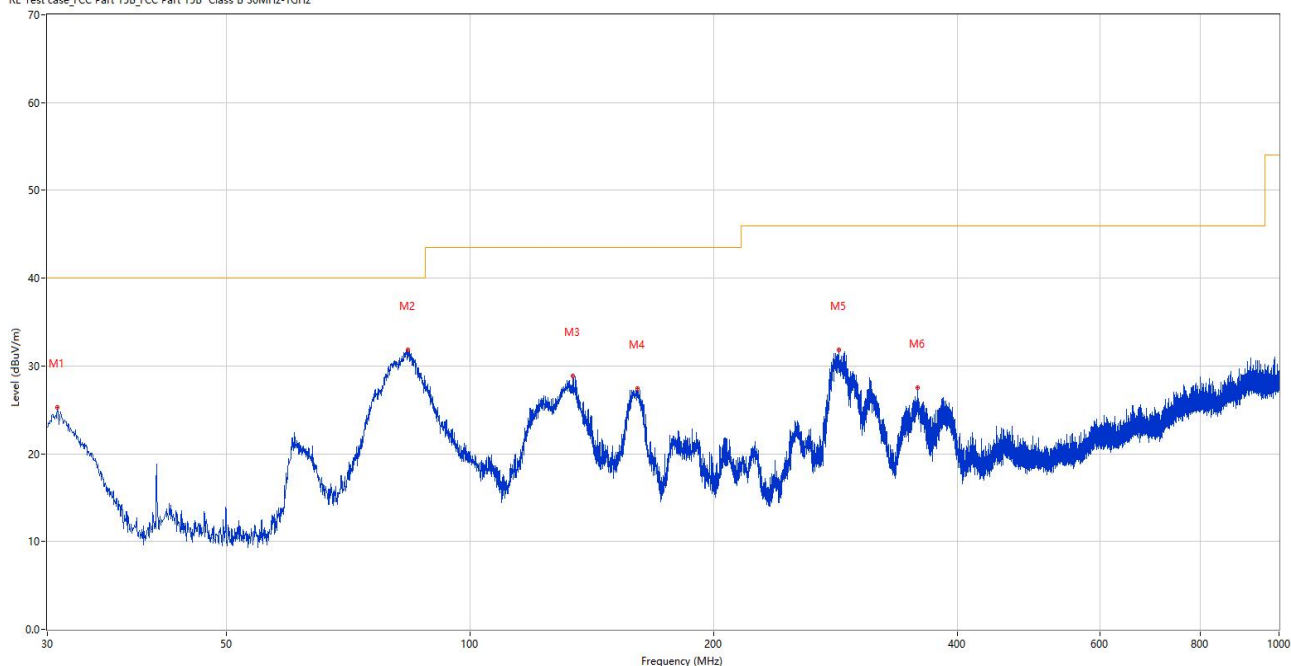
RE Test case_FCC Part 15B_FCC Part 15B Class B 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	31.358	29.04	-30.26	40.0	10.96	Peak	93.00	100	Vertical	Pass
2	63.810	35.96	-27.61	40.0	4.04	Peak	150.00	109	Vertical	N/A
2*	63.810	33.25	-27.61	40.0	6.75	QP	150.00	109	Vertical	Pass
3	82.266	35.04	-31.44	40.0	4.96	Peak	136.00	100	Vertical	N/A
3*	82.266	32.52	-31.44	40.0	7.48	QP	136.00	100	Vertical	Pass
4	123.072	32.21	-29.24	43.5	11.29	Peak	312.00	100	Vertical	Pass
5	183.454	26.69	-28.11	43.5	16.81	Peak	213.00	100	Vertical	Pass
6	289.475	28.07	-24.18	46.0	17.93	Peak	152.00	200	Vertical	Pass

A.1.2 Test Antenna Horizontal, 30 MHz – 1 GHz

RE Test case_FCC Part 15B_FCC Part 15B Class B 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	30.873	25.25	-30.34	40.0	14.75	Peak	97.00	100	Horizontal	Pass
2	83.835	31.81	-31.09	40.0	8.19	Peak	4.00	200	Horizontal	Pass
3	133.839	28.85	-30.06	43.5	14.65	Peak	158.00	200	Horizontal	Pass
4	161.144	27.42	-29.49	43.5	16.08	Peak	330.00	200	Horizontal	Pass
5	285.838	31.84	-24.32	46.0	14.16	Peak	38.00	100	Horizontal	Pass
6	357.472	27.52	-22.48	46.0	18.48	Peak	125.00	100	Horizontal	Pass

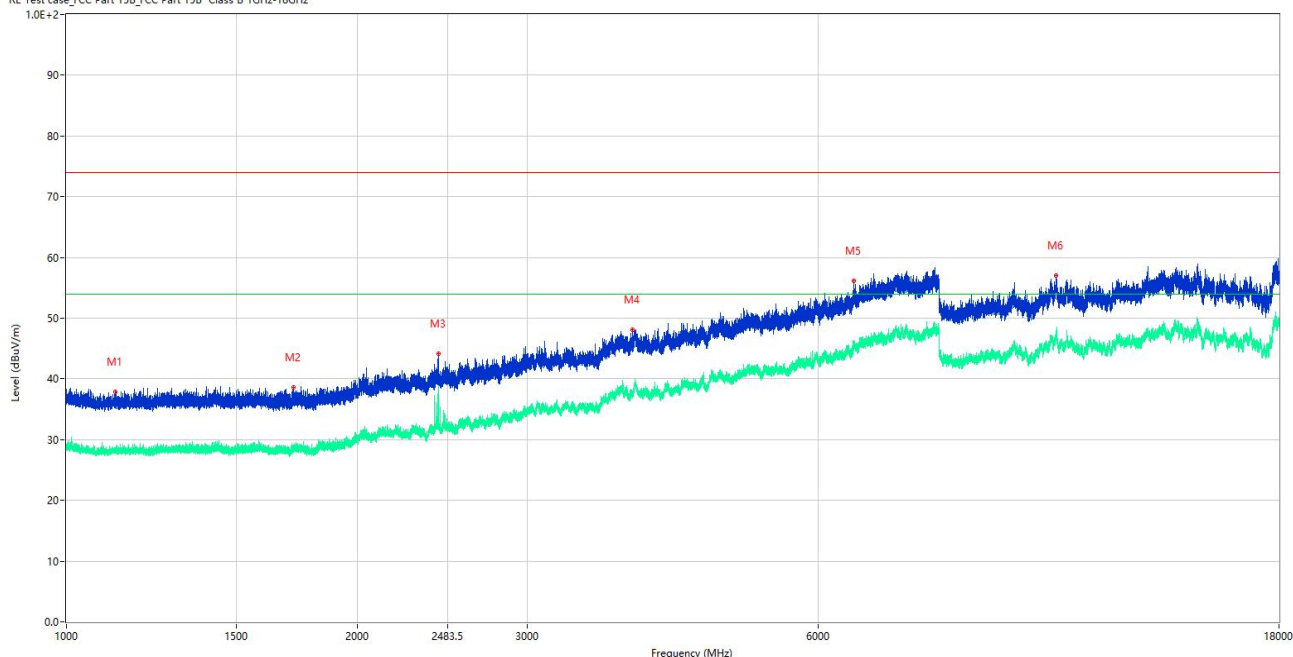
Equipment Information						
Equipment Name	Manufacturer	Model	Equipment No.	Cal. Date	Cal. Due	Use
EMI Receiver	KEYSIGHT	N9038A	BH-EMC-L015	2024.07.09	2025.07.08	☒
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9163	BH-EMC-L008	2024.03.11	2027.03.10	☒
Anechoic Chamber	YiHeng	9m*6m*6m	BH-EMC-L001	2024.04.18	2027.04.17	☒
Description	Manufacturer	Name	Version	/		Use
Test Software	BALUN	BL410-E	V21.919	/		☒

Sample No.	SC-SH2470071-S13	Temperature	19.8°C
Humidity	49%RH	Test Voltage	AC 120V60Hz
Test Engineer	Hao Longda	Test Date	2024.09.14

Test Mode 4

A.1.3 Test Antenna Vertical, 1 GHz – 18 GHz

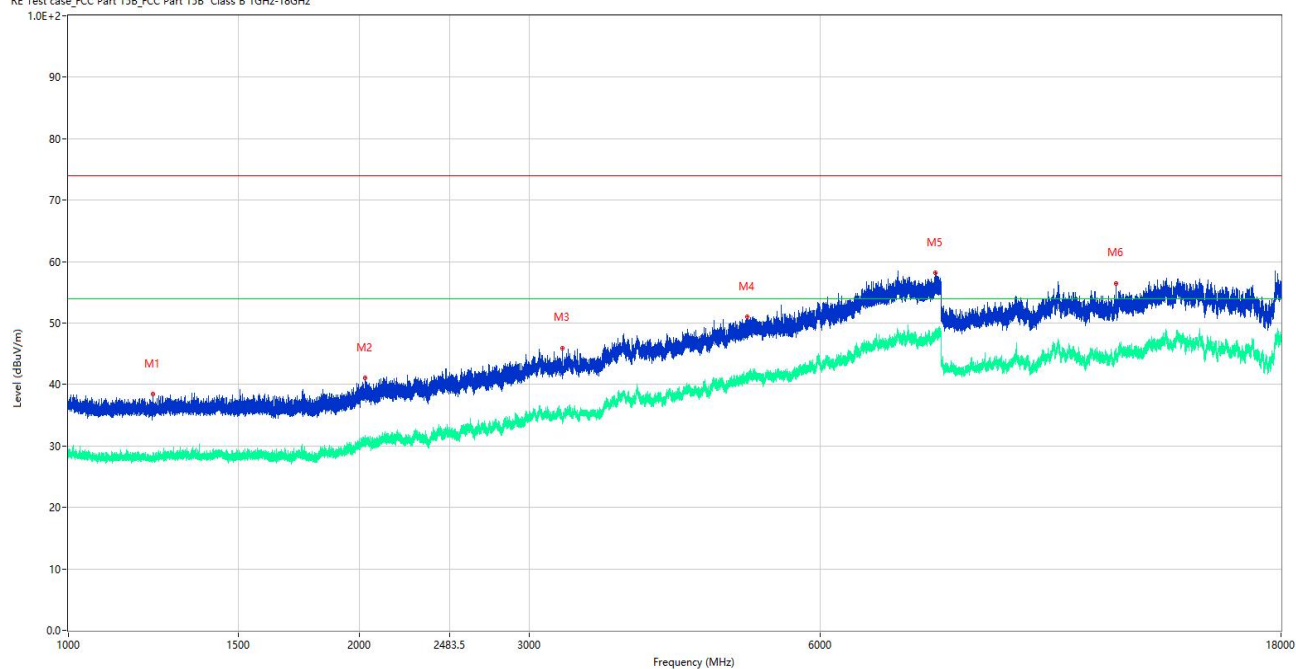
RE Test case_FCC Part 15B_FCC Part 15B Class B 1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1123.200	37.85	-15.94	74.0	36.15	Peak	115.00	100	Vertical	Pass
1**	1123.200	28.40	-15.94	54.0	25.60	AV	115.00	100	Vertical	Pass
2	1718.100	38.53	-16.31	74.0	35.47	Peak	332.00	100	Vertical	Pass
2**	1718.100	28.03	-16.31	54.0	25.97	AV	332.00	100	Vertical	Pass
3	2426.500	44.08	-11.59	74.0	29.92	Peak	66.00	100	Vertical	Pass
3**	2426.500	38.06	-11.59	54.0	15.94	AV	66.00	100	Vertical	Pass
4	3852.500	48.16	-3.79	74.0	25.84	Peak	304.00	100	Vertical	Pass
4**	3852.500	37.32	-3.79	54.0	16.68	AV	304.00	100	Vertical	Pass
5	6537.250	56.08	3.40	74.0	17.92	Peak	119.00	100	Vertical	Pass
5**	6537.250	45.50	3.40	54.0	8.50	AV	119.00	100	Vertical	Pass
6	10587.500	56.99	4.95	74.0	17.01	Peak	33.00	100	Vertical	Pass
6**	10587.500	47.97	4.95	54.0	6.03	AV	33.00	100	Vertical	Pass

A.1.4 Test Antenna Horizontal, 1 GHz – 18 GHz

RE Test case_FCC Part 15B_FCC Part 15B Class B 1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1222.600	38.47	-16.13	74.0	35.53	Peak	1.00	100	Horizontal	Pass
1**	1222.600	28.25	-16.13	54.0	25.75	AV	1.00	100	Horizontal	Pass
2	2029.700	41.10	-13.77	74.0	32.90	Peak	324.00	100	Horizontal	Pass
2**	2029.700	30.50	-13.77	54.0	23.50	AV	324.00	100	Horizontal	Pass
3	3244.000	45.97	-7.10	74.0	28.03	Peak	142.00	100	Horizontal	Pass
3**	3244.000	34.24	-7.10	54.0	19.76	AV	142.00	100	Horizontal	Pass
4	5043.250	50.95	-0.79	74.0	23.05	Peak	341.00	100	Horizontal	Pass
4**	5043.250	41.46	-0.79	54.0	12.54	AV	341.00	100	Horizontal	Pass
5	7905.000	58.26	6.83	74.0	15.74	Peak	150.00	100	Horizontal	Pass
5**	7905.000	47.83	6.83	54.0	6.17	AV	150.00	100	Horizontal	Pass
6	12149.500	56.51	4.71	74.0	17.49	Peak	54.00	100	Horizontal	Pass
6**	12149.500	45.89	4.71	54.0	8.11	AV	54.00	100	Horizontal	Pass

Equipment Information						
Equipment Name	Manufacturer	Model	Equipment No.	Cal. Date	Cal. Due	Use
EMI Receiver	KEYSIGHT	N9038A	BH-EMC-L015	2024.07.09	2025.07.08	☒
EMI Receiver	KEYSIGHT	N9010B	BH-EMC-L099	2024.02.22	2025.02.21	☒
Test Antenna-Horn	SCHWARZBECK	BBHA 9120D	BH-EMC-L044	2024.03.11	2027.03.10	☒
Test Antenna-Horn	A-INFO	LB-180400-KF	BH-EMC-L061	2024.03.11	2027.03.10	☒
Anechoic Chamber	YiHeng	9m*6m*6m	BH-EMC-L001	2024.04.18	2027.04.17	☒
Description	Manufacturer	Name	Version	/		Use
Test Software	BALUN	BL410-E	V21.919	/		☒

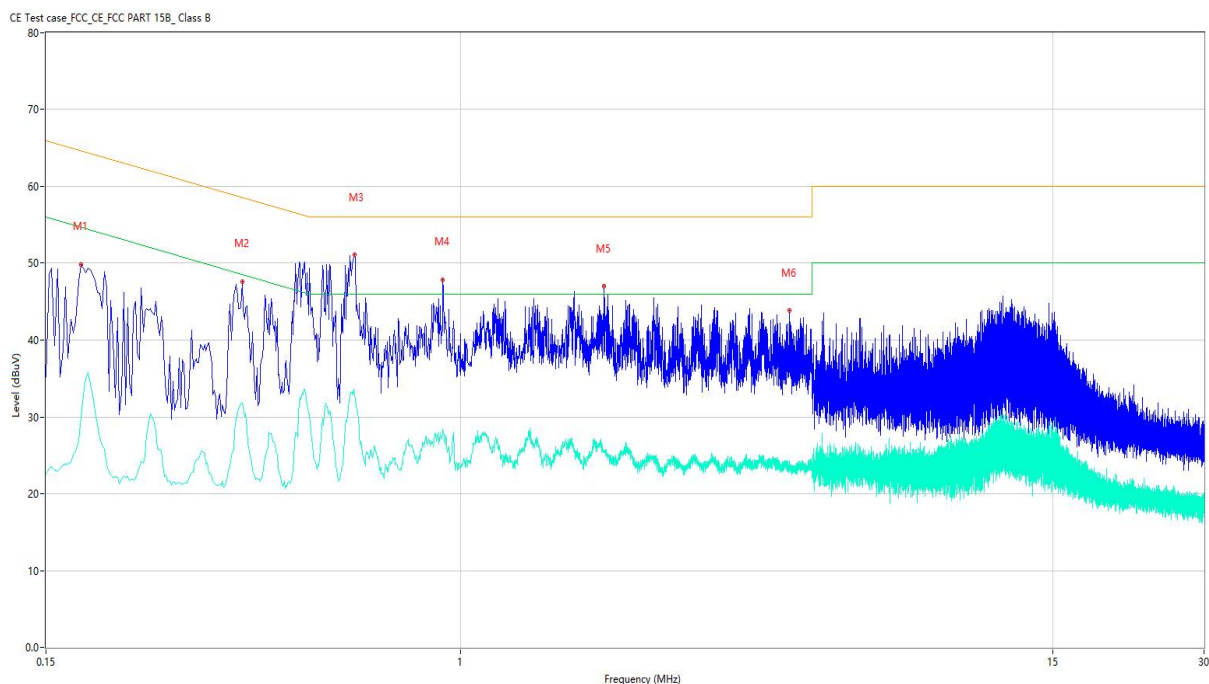
A.2 Conducted emission

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.	SC-SH2470071-S13	Temperature	21.1°C
Humidity	64%RH	Test Voltage	AC 120V/60Hz
Test Engineer	Xiang Jibin	Test Date	2024.09.13

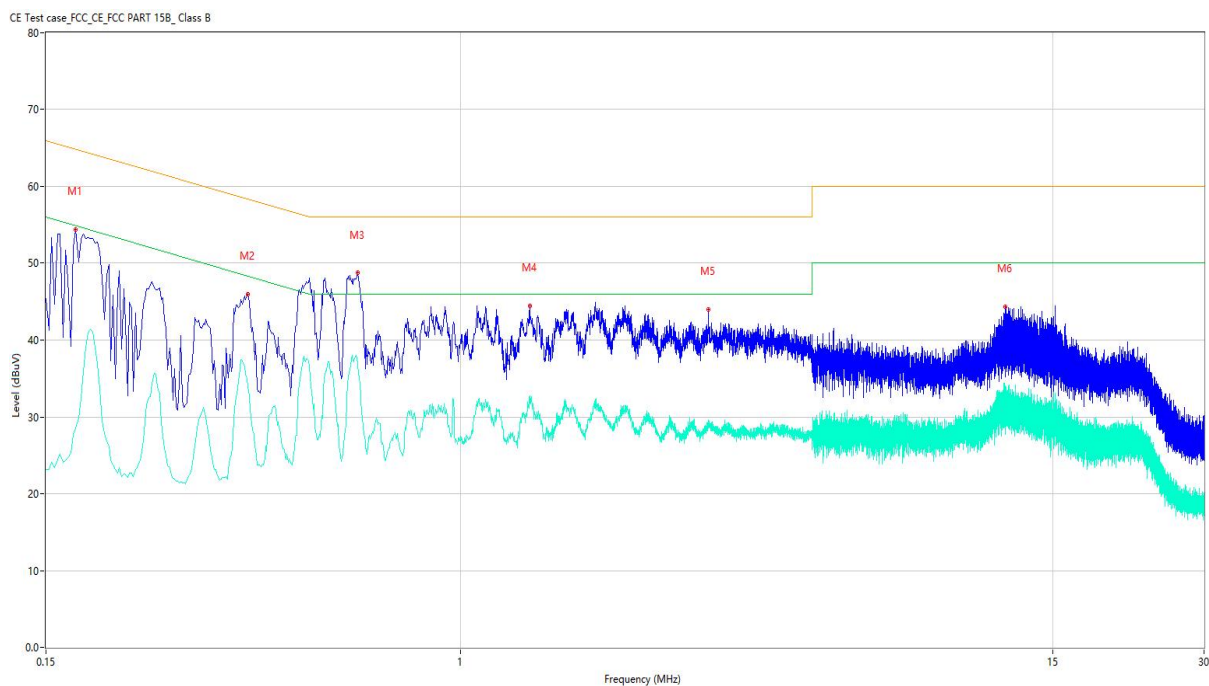
Test Mode 4

A.2.1 AC ports - L Phase



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.176	49.87	9.75	64.67	14.80	Peak	L	Pass
1**	0.176	29.89	9.75	54.67	24.78	AV	L	Pass
2	0.368	47.64	9.74	58.55	10.91	Peak	L	Pass
2**	0.368	31.87	9.74	48.55	16.68	AV	L	Pass
3	0.616	51.07	9.73	56.00	4.93	Peak	L	Pass
3**	0.616	32.80	9.73	46.00	13.20	AV	L	Pass
4	0.922	47.87	9.70	56.00	8.13	Peak	L	Pass
4**	0.922	28.48	9.70	46.00	17.52	AV	L	Pass
5	1.926	46.98	9.68	56.00	9.02	Peak	L	Pass
5**	1.926	25.33	9.68	46.00	20.67	AV	L	Pass
6	4.496	43.82	9.65	56.00	12.18	Peak	L	Pass
6**	4.496	23.88	9.65	46.00	22.12	AV	L	Pass

A.2.2 AC ports - N Phase



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.172	54.42	9.72	64.86	10.44	Peak	N	Pass
1**	0.172	28.55	9.72	54.86	26.31	AV	N	Pass
2	0.378	45.96	9.78	58.32	12.36	Peak	N	Pass
2**	0.378	33.97	9.78	48.32	14.35	AV	N	Pass
3	0.624	48.71	9.85	56.00	7.29	Peak	N	Pass
3**	0.624	36.90	9.85	46.00	9.10	AV	N	Pass
4	1.372	44.43	9.86	56.00	11.57	Peak	N	Pass
4**	1.372	32.78	9.86	46.00	13.22	AV	N	Pass
5	3.104	44.01	9.84	56.00	11.99	Peak	N	Pass
5**	3.104	28.82	9.84	46.00	17.18	AV	N	Pass
6	12.100	44.30	9.64	60.00	15.70	Peak	N	Pass
6**	12.100	34.09	9.64	50.00	15.91	AV	N	Pass

Equipment Information						
Equipment Name	Manufacturer	Model	Equipment No.	Cal. Date	Cal. Due	Use
EMI Receiver	KEYSIGHT	N9038A	BH-EMC-L127	2024.02.19	2025.02.18	☒
LISN	SCHWARZB ECK	NSLK 8127	BH-EMC-L011	2024.02.25	2025.02.24	☒
10dB Limiter	SCHWARZB ECK	VTSD 9561-F	BH-EMC-L014	2024.02.19	2025.02.18	☒
Shielded Room	YiHeng	4.1m*4.0m *3.2m	BH-EMC-L006	2024.02.22	2027.02.21	☒
Description	Manufacturer	Name	Version	/		Use
Test Software	BALUN	BL410-E	V21.919	/		☒

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SH2480613-AE.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SH2480613-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SH2480613-AI.PDF”.

Statement

1. The Testing Center guarantees the scientificity, accuracy and impartiality of the test, and is responsible for all the information in the report, except the information provided by the customer. The customer is responsible for the impact of the information provided on the validity of the results.
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--END OF REPORT--