

TEST REPORT

Applicant: INFINIX MOBILITY LIMITED

Address: FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL
CENTRE 19-25 SHAN MEI STREET FOTAN NT
HONGKONG

Equipment Type: XPAD 30 Pro

Model Name: X1103

Brand Name: Infinix

FCC ID: 2AIZN-X1103

Test Standard: 47 CFR Part 15 Subpart B
ANSI C63.4-2014

Sample Arrival Date: Apr. 10, 2026

Test Date: May 06, 2026

Date of Issue: May 15, 2026

ISSUED BY:

Shanghai Tejet Communications Technology Co., Ltd. Testing Center

**Prepared by:** Tong Yingying**Reviewed by:** Huang Chengkun**Approved by:** Zhang Yanqing
(Laboratory Manager)Tong YingyingHuang ChengkunZhang Yanqing

Revision History

Version	Issue Date	Revisions Content
<u>Rev. 01</u>	<u>May 15, 2026</u>	<u>Initial Issue</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	6
3 SUMMARY OF TEST RESULTS	7
3.1 Test Standards	7
3.2 Verdict	7
3.3 Test Uncertainty	7
3.4 Decision Rule	7
4 GENERAL TEST CONFIGURATIONS	8
4.1 Test Enclosure List	8
4.2 Test Configurations	8
4.3 Test Setups	9
5 TEST ITEMS	11
5.1 Emission Tests	11
5.1.1 Radiated emission	11
5.1.2 Conducted emission	13
ANNEX A TEST RESULTS AND TEST EQUIPMENT LIST	14
A.1 Radiated emission	14
A.2 Conducted emission	24

ANNEX B TEST SETUP PHOTOS	28
ANNEX C EUT EXTERNAL PHOTOS	28
ANNEX D EUT INTERNAL PHOTOS	28

1 GENERAL INFORMATION

1.1 Test Laboratory

Name	Shanghai Tejet Communications Technology Co., Ltd. Testing Center
Address	1-2/F., Building 1, No.222, Xuanlan Road, Xuanqiao, Pudong New District, Shanghai, China

1.2 Test Location

Name	Shanghai Tejet Communications Technology Co., Ltd. Testing Center
Location	1-2/F., Building 1, No.222, Xuanlan Road, Xuanqiao, Pudong New District, Shanghai, China
Accreditation Certificate	The laboratory is a testing organization accredited by FCC as a accredited testing laboratory. The designation number is CN1352. The laboratory is a testing organization accredited by ISED as a accredited testing laboratory. The company number is 29671 and CAB identifier number is CN0142.

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	INFINIX MOBILITY LIMITED
Address	FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI STREET FOTAN NT HONGKONG

2.2 Manufacturer Information

Manufacturer	INFINIX MOBILITY LIMITED
Address	FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI STREET FOTAN NT HONGKONG

2.3 General Description for Equipment under Test (EUT)

Equipment Type	XPAD 30 Pro
Model Name Under Test	X1103
Series Model Name	N/A
Description of Model Name Differentiation	N/A
Hardware Version	N/A
Software Version	N/A
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.4 Ancillary Equipment

Ancillary Equipment 1	Battery	
	Brand Name	Infinix
	Model No.	BL-80CX
	Serial No.	N/A
	Capacity	8200 mAh
	Rated Voltage	3.85 V
	Limit Charge Voltage	4.4 V
Ancillary Equipment 2	Adapter	
	Brand Name	Infinix
	Model No.	U180XSB
	Serial No.	N/A
	Rated Input	100-240 V~, 0.6 A, 50/60 Hz
	Rated Output	5 V= 2.4 A 12W or 7.5 V= 2.4 A 18W MAX
Ancillary Equipment 3	USB Cable	
	Model No.	N/A
	Length (Approx.)	0.8 m
Ancillary Equipment 4	Keyboard	
	Brand Name	Infinix

2.5 Technical Information

Network and wireless connectivity	2G Network GSM/GPRS/EDGE 850/1900 MHz 3G Network WCDMA/HSDPA/HSUPA Band 2/4/5 4G Network FDD LTE Band 2/4/5/7/12/13/17/26/66 TDD LTE Band 38/41 Bluetooth, 2.4G WIFI, 5G WIFI GPS, Beidou, Glonass
Classification of equipment	Class B
Highest frequency generated or used in the device or on which the device operates or tunes(MHz)	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 (150 kHz-30 MHz)-AMN	2.6 dB
Radiated emissions (30 MHz-1 GHz)-966#1	4.2 dB
Radiated emissions (1 GHz-18 GHz) -966#1	5.3 dB
Radiated emissions (18 GHz-40 GHz) -966#1	5.6 dB

3.4 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)

4 GENERAL TEST CONFIGURATIONS

4.1 Test Enclosure List

Description	Manufacturer	Model	Serial No.	Length	Description	Use
Laptop	HP	N/A	N/A	N/A	N/A	☒
TF Card	N/A	N/A	N/A	N/A	N/A	☒

4.2 Test Configurations

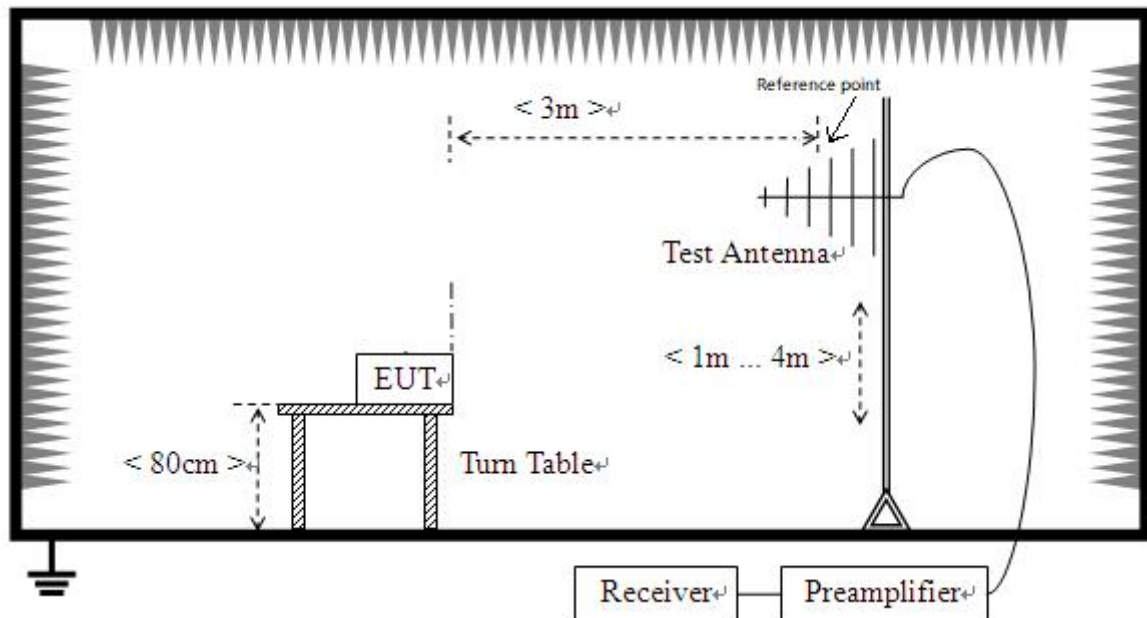
All test modes of EUT are listed in the table below.

Test Mode Configuration	Description
Mode 1	<u>The Front Camera Test Mode</u> EUT + Adapter + USB Cable + Battery + TF Card + Keyboard
Mode 2	<u>The Rear Camera Test Mode</u> EUT + Adapter + USB Cable + Battery + TF Card + Keyboard
Mode 3	<u>The Video Play Test Mode</u> EUT + Adapter + USB Cable + Battery + TF Card + Keyboard
Mode 4	<u>The USB Test Mode</u> EUT + USB Cable + Battery + Laptop + TF Card + Keyboard

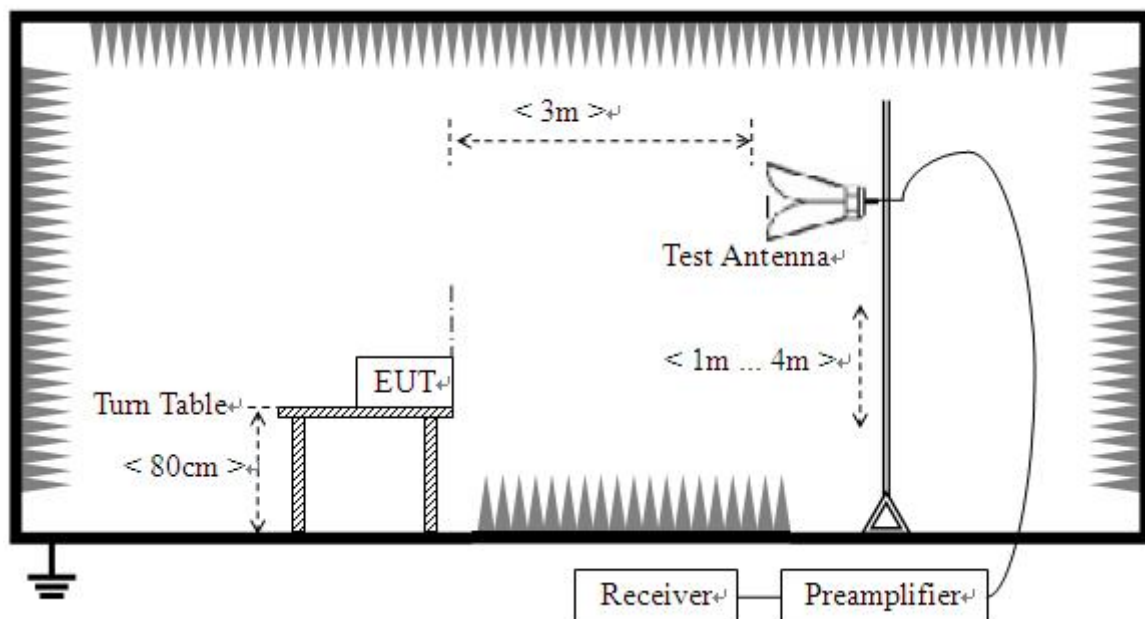
Test Case	Test Mode Configuration	Worst Mode
Radiated emission	Mode 1~Mode 4	1, 4
Conducted emission	Mode 1~Mode 4	1
Note: Based on client request, all normal using modes of the normal function were tested, but only data of the worst mode (if test case has) was reported in this report.		

4.3 Test Setups

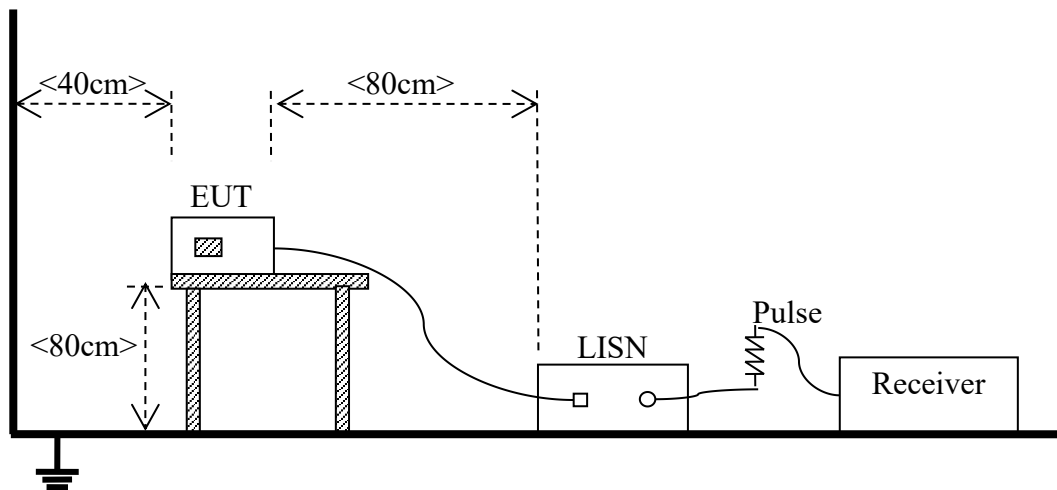
Test Setup 1



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*log [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 (dBμV)	Average (dBμV)	Quasi-peak (dBμV)	Average (dBμV)
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 μH 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 ≥ 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 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.

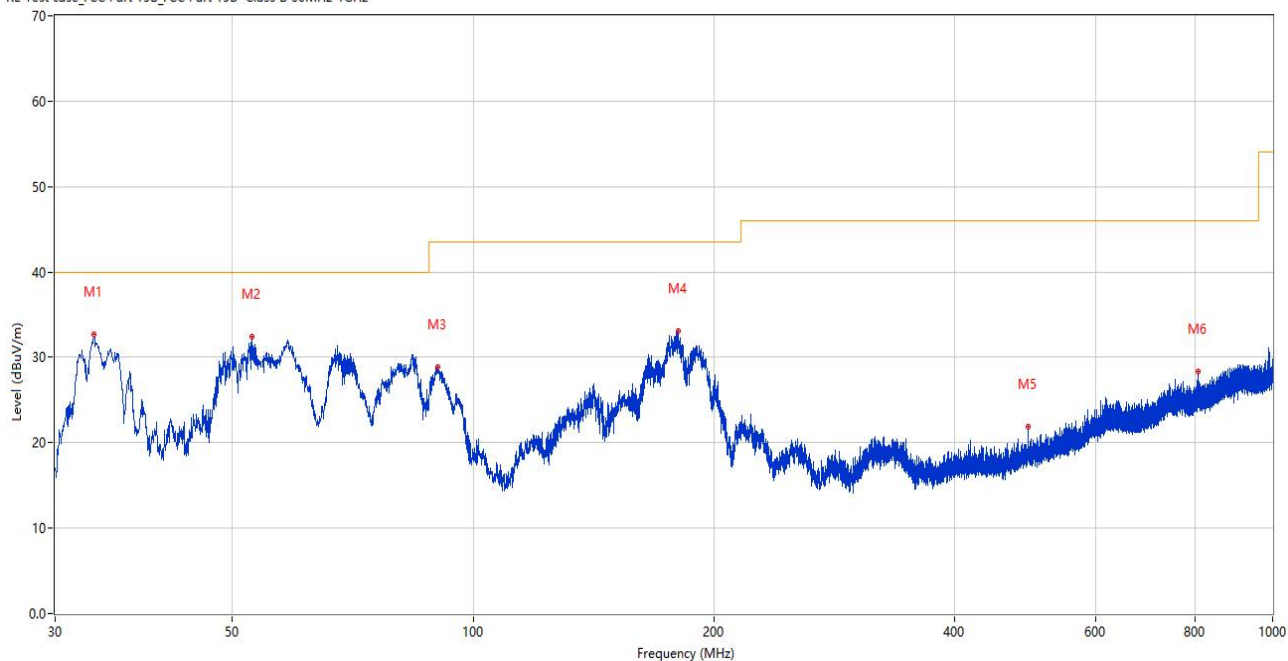
Note 2: The Radiated Emission is required to be investigated to the upper frequency of 5th harmonic of the highest internal frequency of EUT or 40 GHz, whichever is lower. The test results above 18GHz are only noise and are not recorded in the report.

Sample No.	CC26040057-001-S10	Temperature	23.2°C
Humidity	48%RH	Test Voltage	AC 120V/60Hz
Test Engineer	Tong Yingying	Test Date	2026.05.06

Test Mode 1

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

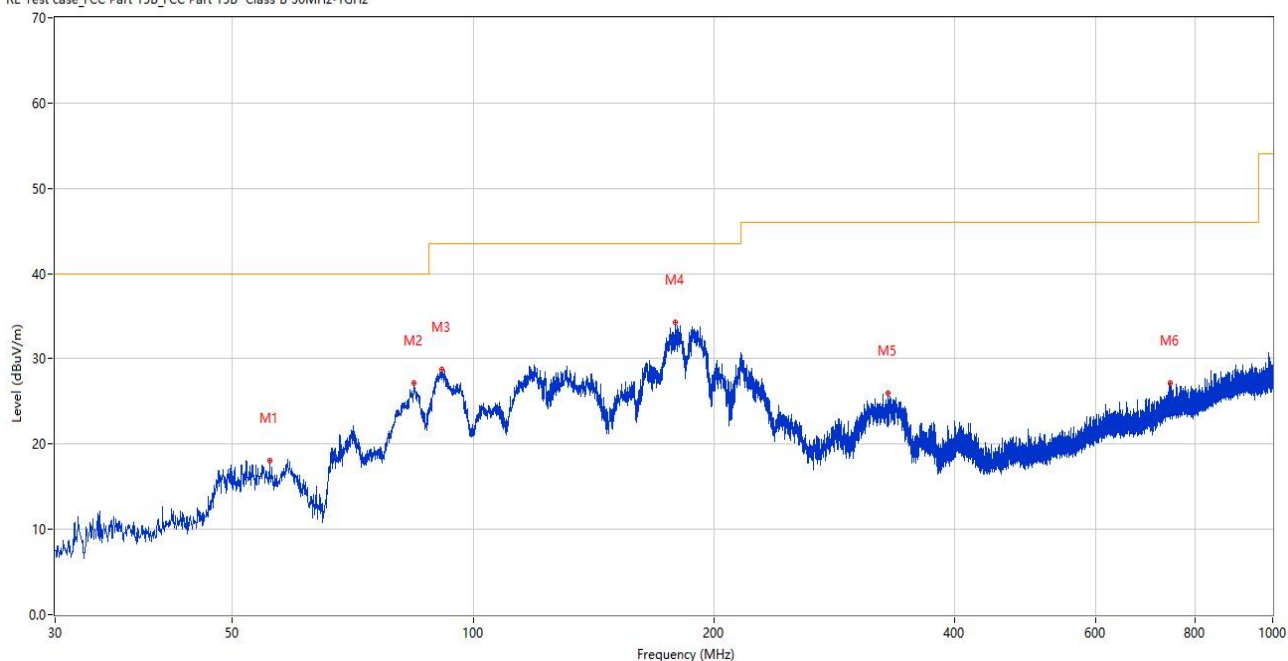
RE Test case_FCC Part 15B_FCC Part 15B Class B 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	33.541	32.73	-28.34	40.0	7.27	Peak	72.00	100	Vertical	Pass
2	52.941	32.49	-24.93	40.0	7.51	Peak	356.00	100	Vertical	Pass
3	90.431	28.87	-28.14	43.5	14.63	Peak	72.00	100	Vertical	Pass
4	180.592	33.11	-28.02	43.5	10.39	Peak	288.00	100	Vertical	Pass
5	494.970	21.87	-18.61	46.0	24.13	Peak	338.00	200	Vertical	Pass
6	807.940	28.31	-12.17	46.0	17.69	Peak	315.00	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



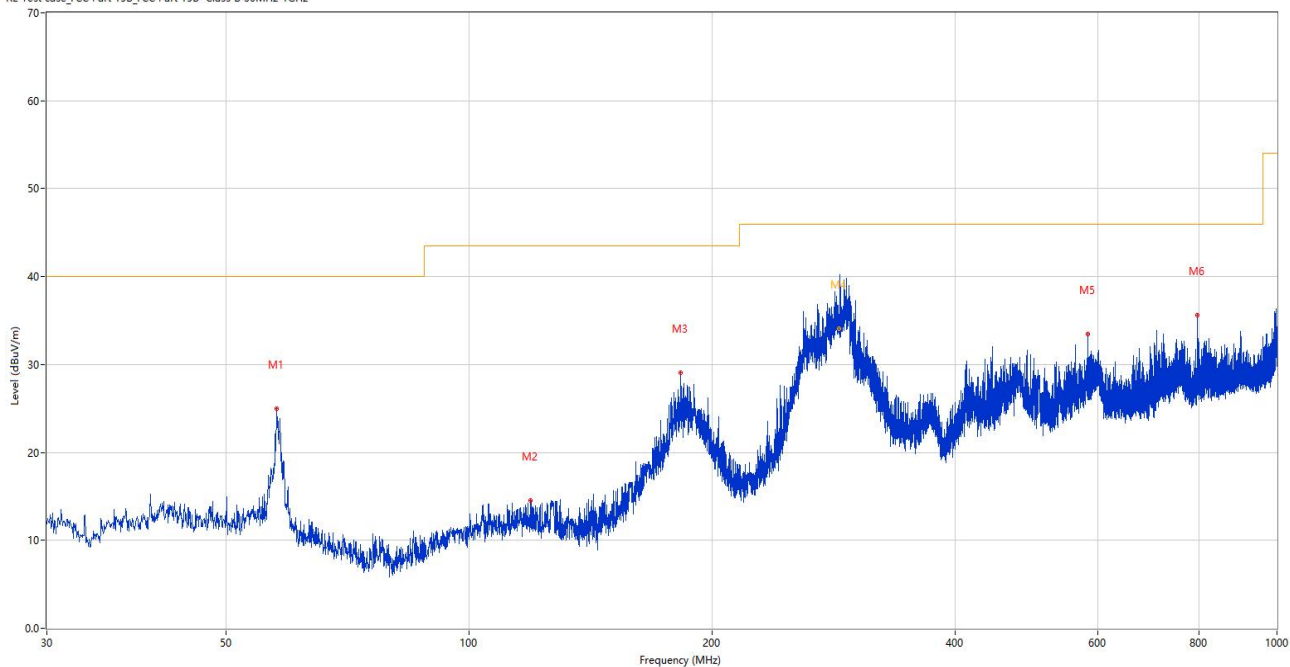
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	55.608	18.11	-25.32	40.0	21.89	Peak	315.00	200	Horizontal	Pass
2	84.417	27.20	-30.09	40.0	12.80	Peak	360.00	200	Horizontal	Pass
3	91.450	28.78	-27.83	43.5	14.72	Peak	360.00	200	Horizontal	Pass
4	179.040	34.26	-28.11	43.5	9.24	Peak	273.00	200	Horizontal	Pass
5	330.458	26.02	-22.68	46.0	19.98	Peak	261.00	100	Horizontal	Pass
6	745.278	27.11	-12.61	46.0	18.89	Peak	360.00	200	Horizontal	Pass

Sample No.	CC26040057-001-S10	Temperature	23.2°C
Humidity	48%RH	Test Voltage	DC 5V From PC
Test Engineer	Tong Yingying	Test Date	2026.05.06

Test Mode 4

A.1.3 Test Antenna Vertical, 30 MHz – 1 GHz

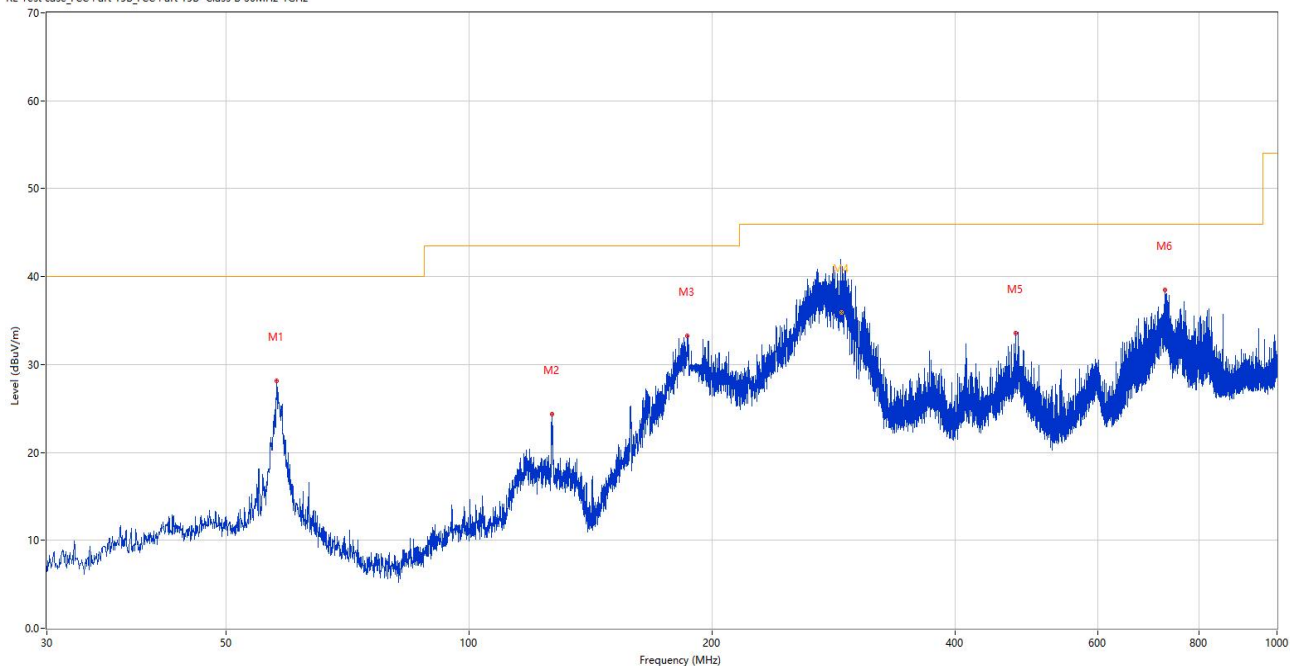
RE Test case_FCC Part 15B_FCC Part 15B Class B 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	57.694	24.98	-25.76	40.0	15.02	Peak	107.00	100	Vertical	Pass
2	119.191	14.49	-28.28	43.5	29.01	Peak	0.00	200	Vertical	Pass
3	182.824	29.09	-27.80	43.5	14.41	Peak	107.00	100	Vertical	Pass
4	287.276	40.75	-23.88	46.0	5.25	Peak	43.00	185	Vertical	N/A
4*	287.276	34.10	-23.88	46.0	11.90	QP	43.00	185	Vertical	Pass
5	583.385	33.47	-16.29	46.0	12.53	Peak	156.00	100	Vertical	Pass
6	797.028	35.63	-12.59	46.0	10.37	Peak	126.00	100	Vertical	Pass

A.1.4 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	57.791	28.19	-25.78	40.0	11.81	Peak	199.00	200	Horizontal	Pass
2	126.757	24.35	-29.05	43.5	19.15	Peak	352.00	200	Horizontal	Pass
3	186.219	33.21	-27.37	43.5	10.29	Peak	195.00	100	Horizontal	Pass
4	288.955	42.43	-23.85	46.0	3.57	Peak	55.00	102	Horizontal	N/A
4*	288.955	35.90	-23.85	46.0	10.10	QP	55.00	102	Horizontal	Pass
5	474.697	33.58	-19.34	46.0	12.42	Peak	86.00	200	Horizontal	Pass
6	726.654	38.46	-13.52	46.0	7.54	Peak	61.00	100	Horizontal	Pass

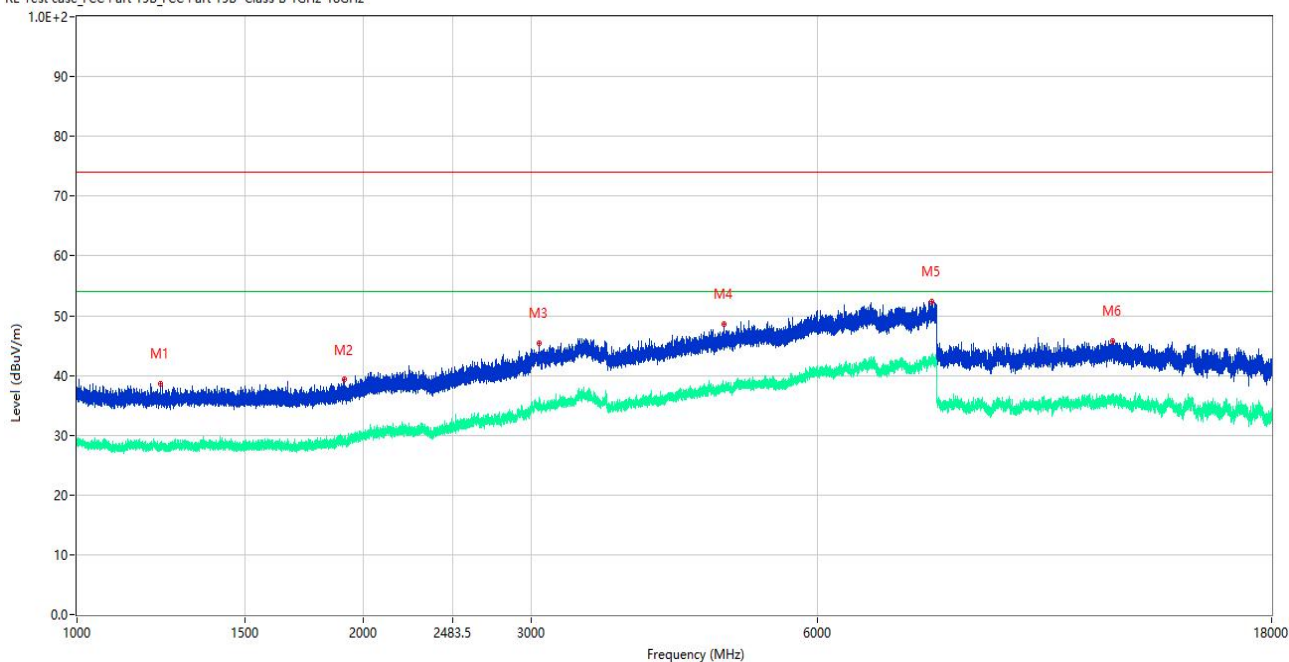
Equipment Information						
Equipment Name	Manufacturer	Model	Equipment No.	Cal. Date	Cal. Due	Use
EMI Receiver	KEYSIGHT	N9038A	BH-EMC-L127	2026.02.05	2027.02.04	☒
Test Antenna-Bi-Log	SCHWARZB ECK	VULB 9163	BH-EMC-L132	2024.03.11	2027.03.10	☒
Anechoic Chamber	YiHeng	9m*6m*6m	BH-EMC-L001	2024.04.18	2027.04.17	☒
Description	Manufacturer	Name	Version	/		Use
Test Software	BALUN	BL410-E	V21.919	/		☒

Sample No.	CC26040057-001-S10	Temperature	23.2°C
Humidity	48%RH	Test Voltage	AC 120V/60Hz
Test Engineer	Tong Yingying	Test Date	2026.05.06

Test Mode 1

A.1.5 Test Antenna Vertical, 1 GHz – 18 GHz

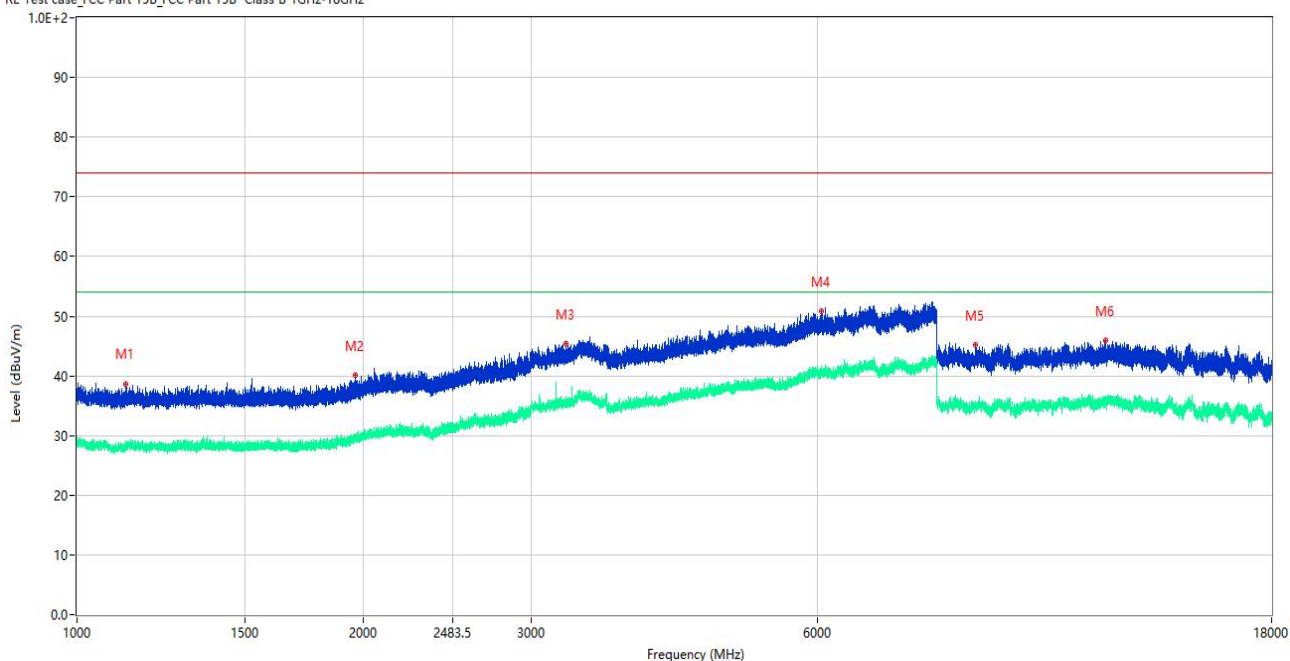
RE Test case_FCC Part 15B_FCC Part 15B Class B 1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1224.000	38.61	-16.00	74.0	35.39	Peak	345.00	100	Vertical	Pass
1**	1224.000	28.30	-16.00	54.0	25.70	AV	345.00	100	Vertical	Pass
2	1910.700	39.28	-15.45	74.0	34.72	Peak	357.00	100	Vertical	Pass
2**	1910.700	28.62	-15.45	54.0	25.38	AV	357.00	100	Vertical	Pass
3	3062.500	45.42	-7.38	74.0	28.58	Peak	212.00	100	Vertical	Pass
3**	3062.500	36.07	-7.38	54.0	17.93	AV	212.00	100	Vertical	Pass
4	4786.000	48.66	-2.96	74.0	25.34	Peak	15.00	100	Vertical	Pass
4**	4786.000	38.33	-2.96	54.0	15.67	AV	15.00	100	Vertical	Pass
5	7909.750	52.35	1.61	74.0	21.65	Peak	65.00	100	Vertical	Pass
5**	7909.750	42.83	1.61	54.0	11.17	AV	65.00	100	Vertical	Pass
6	12254.500	45.81	-2.83	74.0	28.19	Peak	296.00	100	Vertical	Pass
6**	12254.500	35.83	-2.83	54.0	18.17	AV	296.00	100	Vertical	Pass

A.1.6 Test Antenna Horizontal, 1 GHz – 18 GHz

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



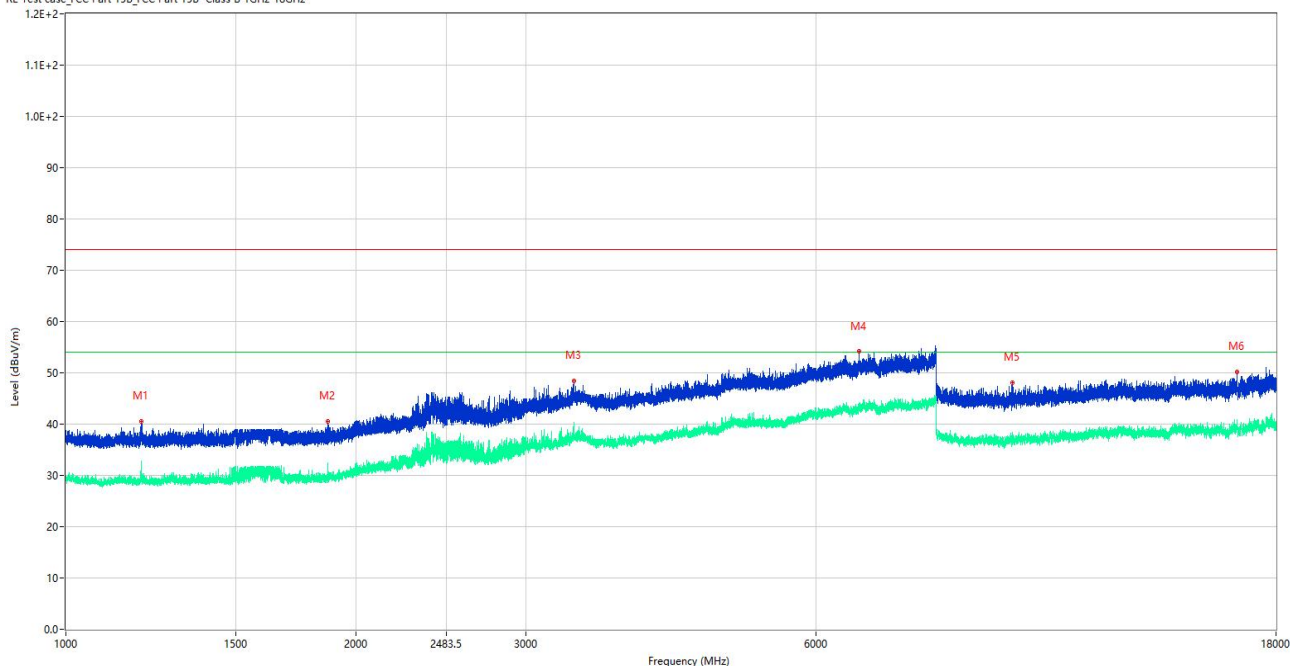
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1126.400	38.67	-15.62	74.0	35.33	Peak	164.00	100	Horizontal	Pass
1**	1126.400	27.77	-15.62	54.0	26.23	AV	164.00	100	Horizontal	Pass
2	1963.000	40.06	-14.99	74.0	33.94	Peak	86.00	100	Horizontal	Pass
2**	1963.000	29.24	-14.99	54.0	24.76	AV	86.00	100	Horizontal	Pass
3	3265.500	45.32	-6.90	74.0	28.68	Peak	0.00	100	Horizontal	Pass
3**	3265.500	34.97	-6.90	54.0	19.03	AV	0.00	100	Horizontal	Pass
4	6058.500	50.77	-0.32	74.0	23.23	Peak	326.00	100	Horizontal	Pass
4**	6058.500	40.74	-0.32	54.0	13.26	AV	326.00	100	Horizontal	Pass
5	8783.000	45.22	-5.20	74.0	28.78	Peak	360.00	100	Horizontal	Pass
5**	8783.000	35.12	-5.20	54.0	18.88	AV	360.00	100	Horizontal	Pass
6	12054.000	45.88	-3.14	74.0	28.12	Peak	179.00	100	Horizontal	Pass
6**	12054.000	35.59	-3.14	54.0	18.41	AV	179.00	100	Horizontal	Pass

Sample No.	CC26040057-001-S10	Temperature	23.2°C
Humidity	48%RH	Test Voltage	DC 5V From PC
Test Engineer	Tong Yingying	Test Date	2026.05.06

Test Mode 4

A.1.7 Test Antenna Vertical, 1 GHz – 18 GHz

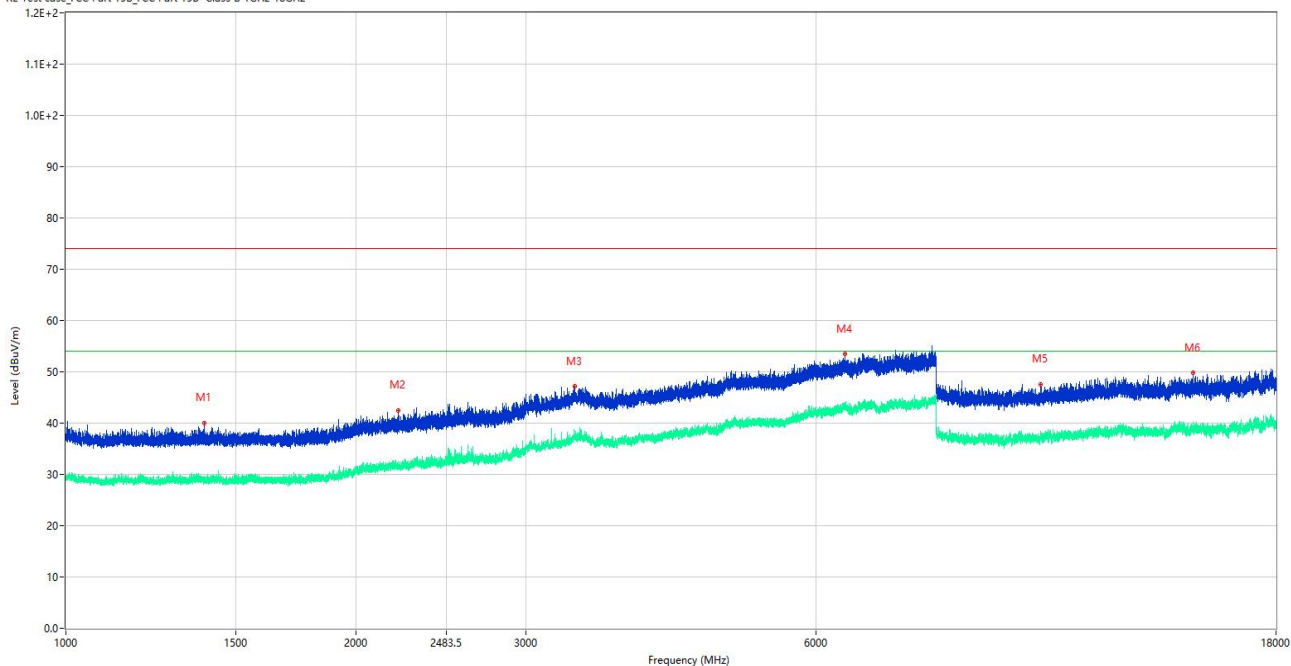
RE Test case_FCC Part 15B_FCC Part 15B Class B 1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1197.400	40.53	-15.72	74.0	33.47	Peak	2.00	100	Vertical	Pass
1**	1197.400	30.33	-15.72	54.0	23.67	AV	2.00	100	Vertical	Pass
2	1871.100	40.54	-15.69	74.0	33.46	Peak	130.00	100	Vertical	Pass
2**	1871.100	29.43	-15.69	54.0	24.57	AV	130.00	100	Vertical	Pass
3	3365.500	48.40	-5.13	74.0	25.60	Peak	245.00	100	Vertical	Pass
3**	3365.500	39.90	-5.13	54.0	14.10	AV	245.00	100	Vertical	Pass
4	6647.750	54.18	0.25	74.0	19.82	Peak	0.00	100	Vertical	Pass
4**	6647.750	42.96	0.25	54.0	11.04	AV	0.00	100	Vertical	Pass
5	9597.500	48.14	-3.40	74.0	25.86	Peak	37.00	100	Vertical	Pass
5**	9597.500	36.47	-3.40	54.0	17.53	AV	37.00	100	Vertical	Pass
6	16413.500	50.26	-1.56	74.0	23.74	Peak	295.00	100	Vertical	Pass
6**	16413.500	39.08	-1.56	54.0	14.92	AV	295.00	100	Vertical	Pass

A.1.8 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	1391.200	39.97	-16.01	74.0	34.03	Peak	346.00	100	Horizontal	Pass
1**	1391.200	28.75	-16.01	54.0	25.25	AV	346.00	100	Horizontal	Pass
2	2212.300	42.50	-13.24	74.0	31.50	Peak	360.00	100	Horizontal	Pass
2**	2212.300	31.60	-13.24	54.0	22.40	AV	360.00	100	Horizontal	Pass
3	3370.250	47.12	-4.86	74.0	26.88	Peak	162.00	100	Horizontal	Pass
3**	3370.250	37.05	-4.86	54.0	16.95	AV	162.00	100	Horizontal	Pass
4	6433.250	53.51	0.08	74.0	20.49	Peak	179.00	100	Horizontal	Pass
4**	6433.250	42.71	0.08	54.0	11.29	AV	179.00	100	Horizontal	Pass
5	10251.500	47.52	-3.14	74.0	26.48	Peak	351.00	100	Horizontal	Pass
5**	10251.500	37.25	-3.14	54.0	16.75	AV	351.00	100	Horizontal	Pass
6	14777.000	49.79	-0.83	74.0	24.21	Peak	64.00	100	Horizontal	Pass
6**	14777.000	39.49	-0.83	54.0	14.51	AV	64.00	100	Horizontal	Pass

Equipment Information						
Equipment Name	Manufacturer	Model	Equipment No.	Cal. Date	Cal. Due	Use
EMI Receiver	KEYSIGHT	N9038A	BH-EMC-L127	2026.02.05	2027.02.04	☒
EMI Receiver	KEYSIGHT	N9010B	BH-EMC-L099	2026.02.03	2027.02.02	☒
Test Antenna-Horn	SCHWARZBECK	BBHA 9120D	BH-EMC-L111	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	V19.618	/		☒

A.2 Conducted emission

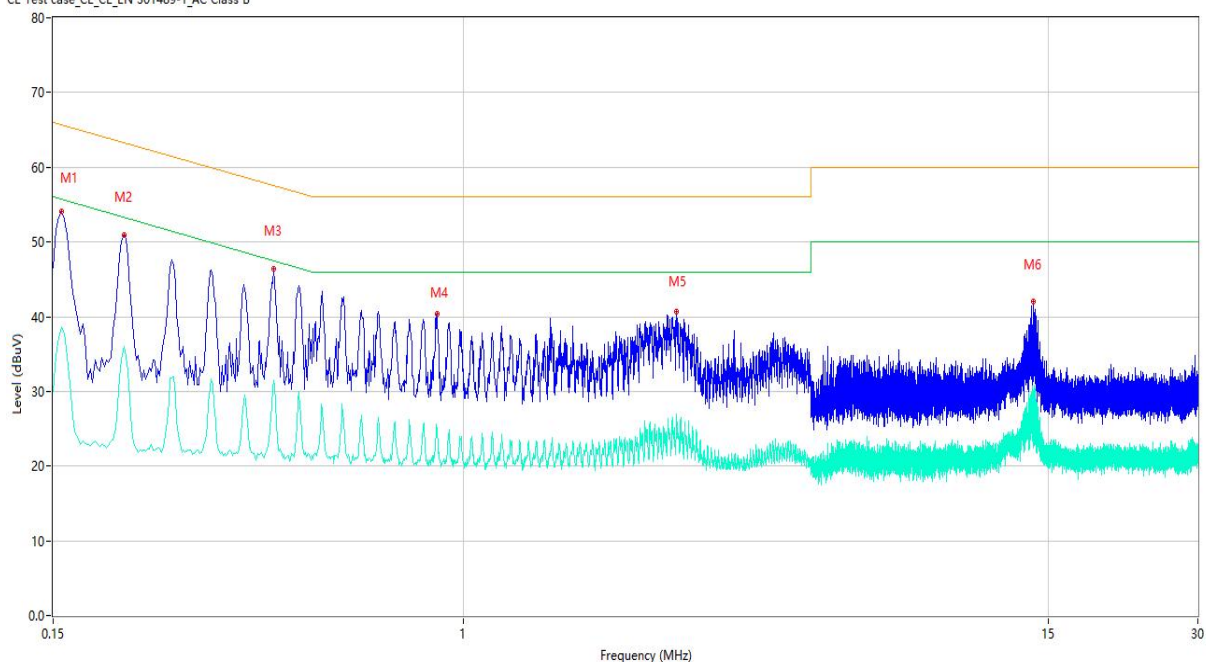
Note: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 50/60 Hz and 240 VAC, 50/60 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst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

Sample No.	CC26040057-001-S10	Temperature	22.5°C
Humidity	52%RH	Test Voltage	AC 120V/60Hz
Test Engineer	Xu Ying	Test Date	2026.05.06

Test Mode 1

A.2.1 AC ports - L Phase

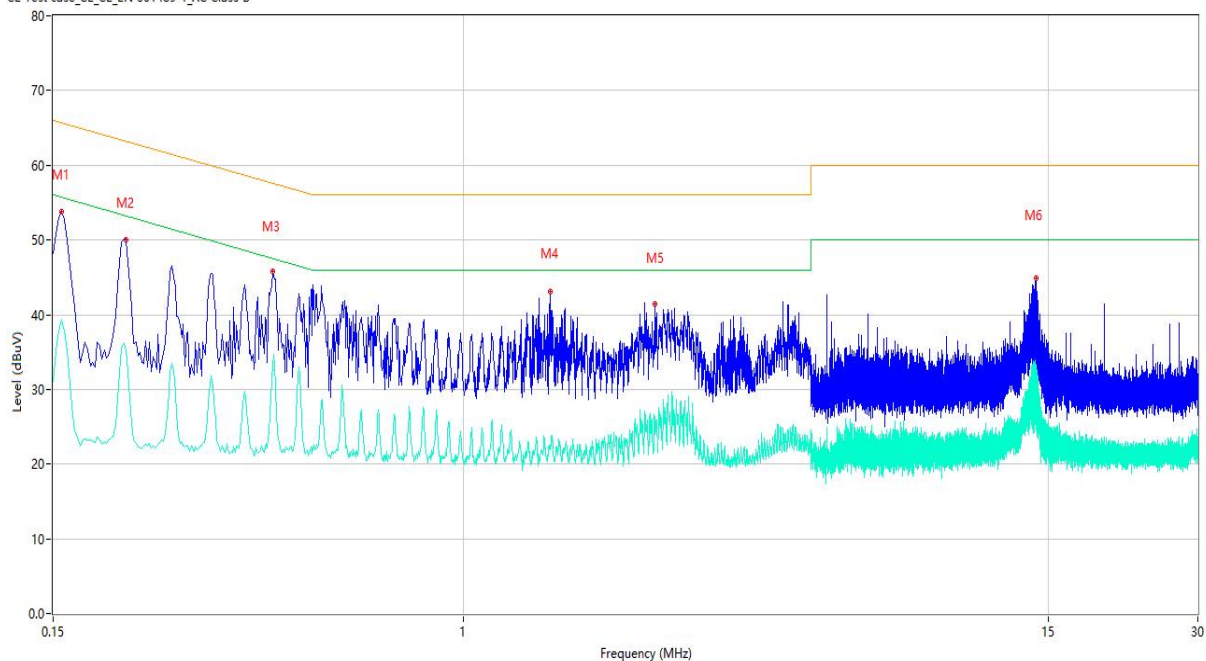
CE Test case_CE_CE_EN 301489-1_AC Class B



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.156	54.14	10.21	65.67	11.53	Peak	L	Pass
1**	0.156	38.64	10.21	55.67	17.03	AV	L	Pass
2	0.208	50.95	10.21	63.28	12.33	Peak	L	Pass
2**	0.208	36.05	10.21	53.28	17.23	AV	L	Pass
3	0.416	46.46	10.23	57.53	11.07	Peak	L	Pass
3**	0.416	31.52	10.23	47.53	16.01	AV	L	Pass
4	0.886	40.38	10.27	56.00	15.62	Peak	L	Pass
4**	0.886	24.91	10.27	46.00	21.09	AV	L	Pass
5	2.680	40.63	10.31	56.00	15.37	Peak	L	Pass
5**	2.680	23.93	10.31	46.00	22.07	AV	L	Pass
6	14.006	42.07	10.73	60.00	17.93	Peak	L	Pass
6**	14.006	25.87	10.73	50.00	24.13	AV	L	Pass

A.2.2 AC ports - N Phase

CE Test case_CE_EN 301489-1_AC Class B



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.156	53.79	10.38	65.67	11.88	Peak	N	Pass
1**	0.156	39.34	10.38	55.67	16.33	AV	N	Pass
2	0.210	50.01	10.35	63.21	13.20	Peak	N	Pass
2**	0.210	35.30	10.35	53.21	17.91	AV	N	Pass
3	0.414	45.81	10.37	57.57	11.76	Peak	N	Pass
3**	0.414	33.30	10.37	47.57	14.27	AV	N	Pass
4	1.498	43.14	10.38	56.00	12.86	Peak	N	Pass
4**	1.498	22.12	10.38	46.00	23.88	AV	N	Pass
5	2.430	41.46	10.38	56.00	14.54	Peak	N	Pass
5**	2.430	25.26	10.38	46.00	20.74	AV	N	Pass
6	14.212	44.92	10.83	60.00	15.08	Peak	N	Pass
6**	14.212	30.23	10.83	50.00	19.77	AV	N	Pass

Equipment Information						
Equipment Name	Manufacturer	Model	Equipment No.	Cal. Date	Cal. Due	Use
EMI Receiver	KEYSIGHT	N9038A	TJEMC144	2026.02.04	2027.02.03	☒
LISN	SCHWARZBECK	NSLK 8127	BH-EMC-L011	2026.02.04	2027.02.03	☒
10dB Limiter	SCHWARZBECK	VTSD 9561-F	BH-EMC-L014	2026.02.04	2027.02.03	☒
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 “Ti-CC26040079-AE.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “Ti-CC26040079-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “Ti-CC26040079-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.
2. For the report with Accreditation Symbol, the items marked with "☆" are not within the accredited scope.
3. This report is invalid if it is altered, without the signature of the testing and approval personnel, or without the test report stamp.
4. The test data and results are only valid for the tested samples provided by the customer.
5. This report shall not be partially reproduced without the written permission of the Testing Center.
6. Any objection shall be raised to the Testing Center within 30 days after receiving the report.

--END OF REPORT--