

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: Mobile Phone

Model Name: X6840

Brand Name: Infinix

FCC ID: 2AIZN-YY5-X6840

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

Sample Arrival Date: Mar. 19, 2026

Test Date: Mar. 20, 2026

Date of Issue: Apr. 13, 2026



ISSUED BY:

Shanghai Tejet Communications Technology Co., Ltd. Testing Center

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Wu Dejun

Huang Chengkun

Zhang Yanqing

Revision History

Version	Issue Date	Revisions Content
<u>Rev. 01</u>	<u>Apr. 13, 2026</u>	<u>Initial Issue</u>

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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	Mobile Phone
Model Name Under Test	X6840
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-51EX
	Serial No.	N/A
	Capacity	5200 mAh
	Rated Voltage	3.85 V
	Limit Charge Voltage	4.45 V
Ancillary Equipment 2	Rechargeable Li-ion Polymer Battery	
	Brand Name	Infinix
	Model No.	BL-51EX
	Serial No.	N/A
	Capacity	5200 mAh
	Rated Voltage	3.85 V
	Limit Charge Voltage	4.45 V
Ancillary Equipment 3	Rechargeable Li-ion Polymer Battery	
	Brand Name	Infinix
	Model No.	BL-51EX
	Serial No.	N/A
	Capacity	5200 mAh
	Rated Voltage	3.85 V
	Limit Charge Voltage	4.45 V
Ancillary Equipment 4	Adapter	
	Brand Name	Infinix
	Model No.	U100XSA
	Serial No.	N/A
	Rated Input	100-240 V~, 0.15 A, 50/60 Hz 0.3A
	Rated Output	5 V= 2 A
Ancillary Equipment 5	Adapter 2	
	Brand Name	Infinix
	Model No.	U100XSC
	Serial No.	N/A
	Rated Input	100-240 V~, 0.15 A, 50/60 Hz 0.3A
	Rated Output	5 V= 2 A 10.0W
Ancillary Equipment 6	USB Cable	
	Model No.	N/A
	Length (Approx.)	1.0 m

Ancillary Equipment 7	Earphone 1	
	Length (Approx.)	1.15 m
Ancillary Equipment 8	Earphone 2	
	Length (Approx.)	1.15 m
Note 1: All Earphones are tested, only the worst data of Earphone 1 shown in this report. Note 2: All Adapters are tested, only the worst data of Adapter 1 shown in this report. Note 3: All Rechargeable Li-ion Polymer Battery are tested.		

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 LTE FDD Band 2/4/5/7 LTE TDD Band 38/41 Bluetooth, 2.4G WIFI, 5G WIFI BDS, Galileo, GLONASS, GPS, SBAS, FM receiver
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	--

Note :Compared with the EUT of test report BL-SH25B1335-401 which issued by Shanghai Tejet Communications Technology Co., Ltd. Testing Center on Jan. 04, 2026.

1.Add 2nd battery and 3rd battery.

2.Disable TAS by software.

Other hardware circuit is the same as EUT referred in test report BL-SH25B1335-401. Therefore, the Radiated Emission test items have being retest.

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
TF Card	N/A	N/A	N/A	N/A	N/A	☒
Laptop	Hp	N/A	N/A	N/A	N/A	☒

4.2 Test Configurations

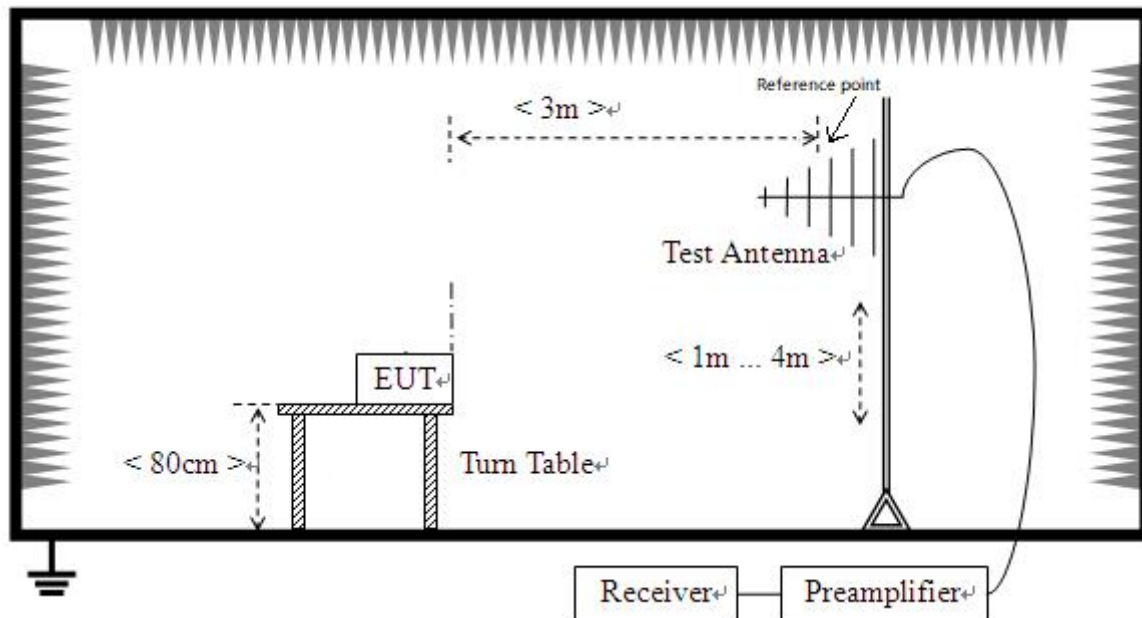
All test modes of EUT are listed in the table below.

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

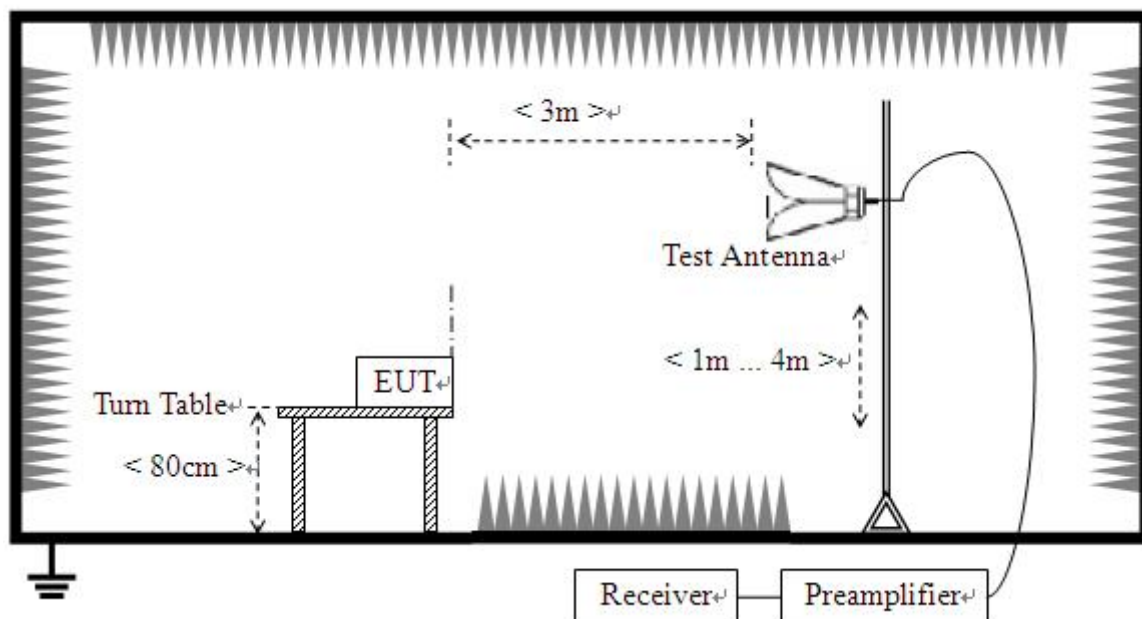
Test Case	Test Mode Configuration	Worst Mode
Radiated emission	Mode 1~Mode 4	4
Conducted emission	Mode 1~Mode 3	1
Note: Based on client request, all normal using modes of the normal function were tested, but only data of the worst mode (if test case has) was reported in this report.		

4.3 Test Setups

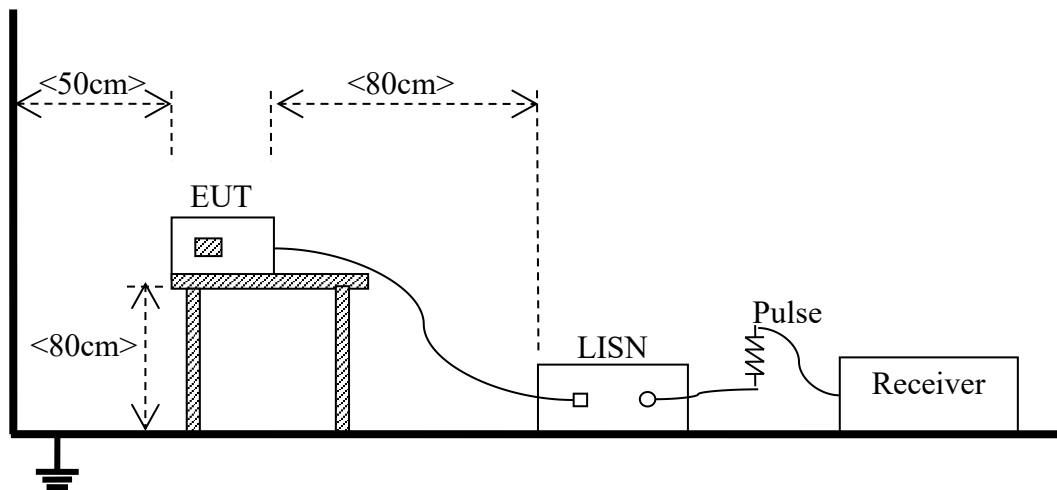
Test Setup 1



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 $\mu\text{V/m}$) = $20 \cdot \log [\text{Field Strength } (\mu\text{V/m})]$.
- 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.

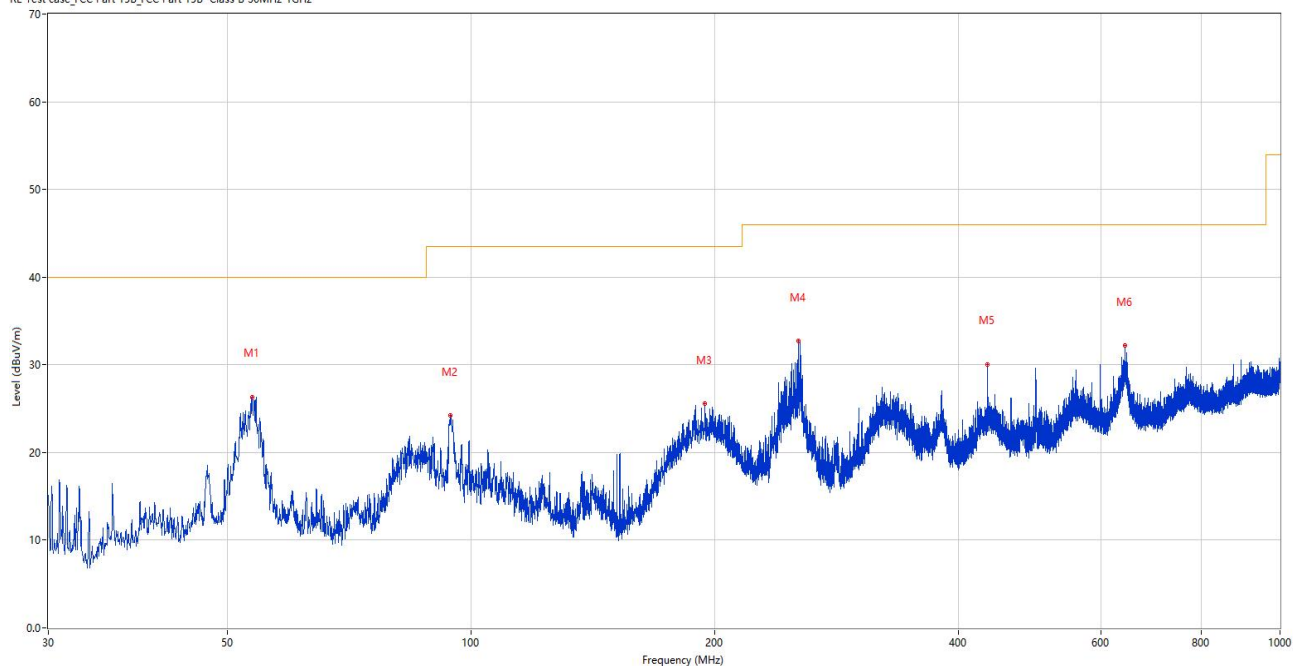
Note 2: The Radiated Emission is required to be investigated to the upper frequency of 5th harmonic of the highest internal frequency of EUT or 40 GHz, whichever is lower. The test results above 18GHz are only noise and are not recorded in the report.

Sample No.	CC-26030133-001-S05	Temperature	21.7°C
Humidity	51%RH	Test Voltage	DC 5V From PC
Test Engineer	She Xihao	Test Date	2026.03.20
Remark	Supply Two		

Test Mode 4

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

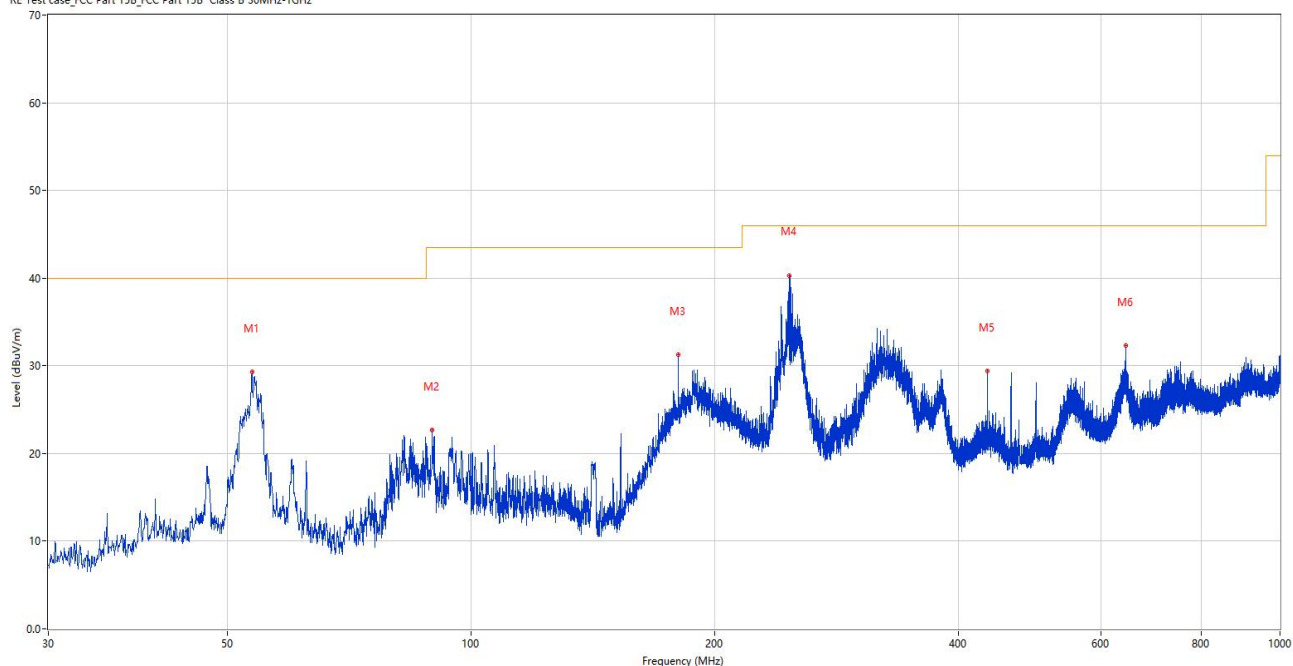
RE Test case_FCC Part 15B_FCC Part 15B Class B 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	53.571	26.34	-25.85	40.0	13.66	Peak	155.00	100	Vertical	Pass
2	94.214	24.22	-27.79	43.5	19.28	Peak	328.00	100	Vertical	Pass
3	194.415	25.58	-26.50	43.5	17.92	Peak	300.00	100	Vertical	Pass
4	253.779	32.72	-24.74	46.0	13.28	Peak	40.00	100	Vertical	Pass
5	434.975	30.03	-20.05	46.0	15.97	Peak	40.00	100	Vertical	Pass
6	643.767	32.21	-15.04	46.0	13.79	Peak	123.00	100	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	53.571	29.27	-25.85	40.0	10.73	Peak	92.00	100	Horizontal	Pass
2	89.412	22.67	-29.19	43.5	20.83	Peak	288.00	200	Horizontal	Pass
3	180.350	31.26	-28.50	43.5	12.24	Peak	146.00	200	Horizontal	Pass
4	247.620	40.33	-24.89	46.0	5.67	Peak	294.00	100	Horizontal	Pass
5	435.023	29.36	-20.04	46.0	16.64	Peak	294.00	100	Horizontal	Pass
6	645.368	32.28	-15.02	46.0	13.72	Peak	157.00	100	Horizontal	Pass

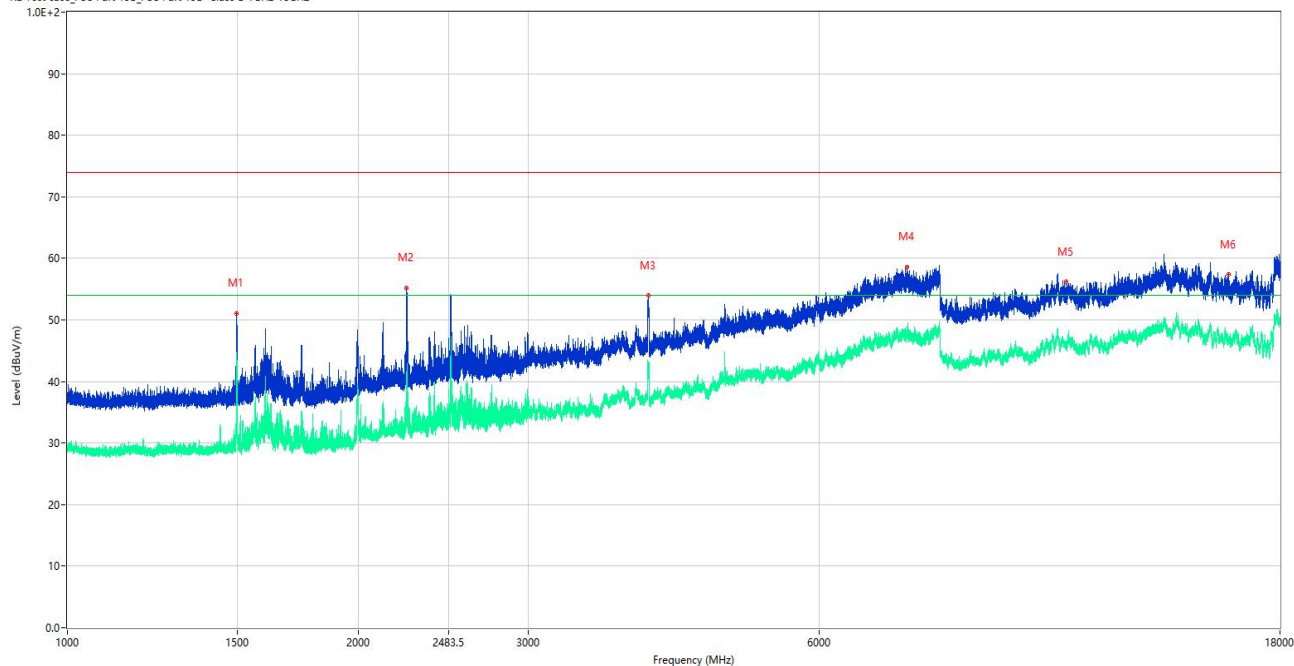
Equipment Information						
Equipment Name	Manufacturer	Model	Equipment No.	Cal. Date	Cal. Due	Use
EMI Receiver	KEYSIGHT	N9038A	BH-EMC-L127	2026.02.05	2027.02.04	☒
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9163	BH-EMC-L132	2024.03.11	2027.03.10	☒
Anechoic Chamber	YiHeng	9m*6m*6m	BH-EMC-L001	2024.04.18	2027.04.17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

Sample No.	CC-26030133-001-S05	Temperature	21.7°C
Humidity	51%RH	Test Voltage	DC 5V From PC
Test Engineer	She Xihao	Test Date	2026.03.20
Remark	Supply Two		

Test Mode 4

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

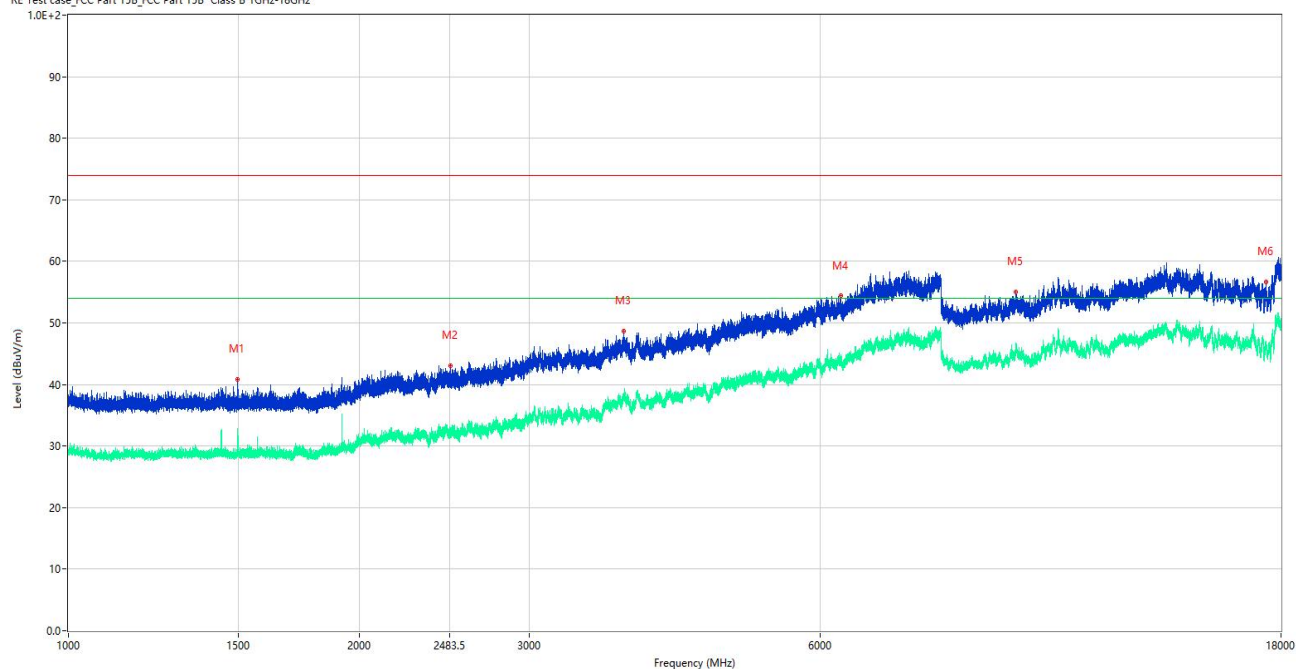
RE Test case_FCC Part 15B_FCC Part 15B Class B 1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.000	51.06	-16.29	74.0	22.94	Peak	161.00	100	Vertical	Pass
1**	1496.000	36.74	-16.29	54.0	17.26	AV	161.00	100	Vertical	Pass
2	2243.000	55.23	-13.09	74.0	18.77	Peak	172.00	100	Vertical	Pass
2**	2243.000	36.38	-13.09	54.0	17.62	AV	172.00	100	Vertical	Pass
3	3995.000	53.93	-3.60	74.0	20.07	Peak	160.00	100	Vertical	Pass
3**	3995.000	42.88	-3.60	54.0	11.12	AV	160.00	100	Vertical	Pass
4	7405.250	58.65	6.46	74.0	15.35	Peak	55.00	100	Vertical	Pass
4**	7405.250	47.86	6.46	54.0	6.14	AV	55.00	100	Vertical	Pass
5	10821.500	56.22	3.77	74.0	17.78	Peak	44.00	100	Vertical	Pass
5**	10821.500	46.22	3.77	54.0	7.78	AV	44.00	100	Vertical	Pass
6	15934.500	57.46	5.29	74.0	16.54	Peak	44.00	100	Vertical	Pass
6**	15934.500	46.86	5.29	54.0	7.14	AV	44.00	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	1496.800	40.87	-16.28	74.0	33.13	Peak	244.00	100	Horizontal	Pass
1**	1496.800	28.94	-16.28	54.0	25.06	AV	244.00	100	Horizontal	Pass
2	2488.200	43.08	-11.54	74.0	30.92	Peak	209.00	100	Horizontal	Pass
2**	2488.200	32.17	-11.54	54.0	21.83	AV	209.00	100	Horizontal	Pass
3	3760.250	48.69	-2.96	74.0	25.31	Peak	200.00	100	Horizontal	Pass
3**	3760.250	38.10	-2.96	54.0	15.90	AV	200.00	100	Horizontal	Pass
4	6310.250	54.39	1.94	74.0	19.61	Peak	72.00	100	Horizontal	Pass
4**	6310.250	44.38	1.94	54.0	9.62	AV	72.00	100	Horizontal	Pass
5	9557.000	55.02	3.13	74.0	18.98	Peak	110.00	100	Horizontal	Pass
5**	9557.000	44.86	3.13	54.0	9.14	AV	110.00	100	Horizontal	Pass
6	17381.501	56.69	5.60	74.0	17.31	Peak	77.00	100	Horizontal	Pass
6**	17381.501	46.58	5.60	54.0	7.42	AV	77.00	100	Horizontal	Pass

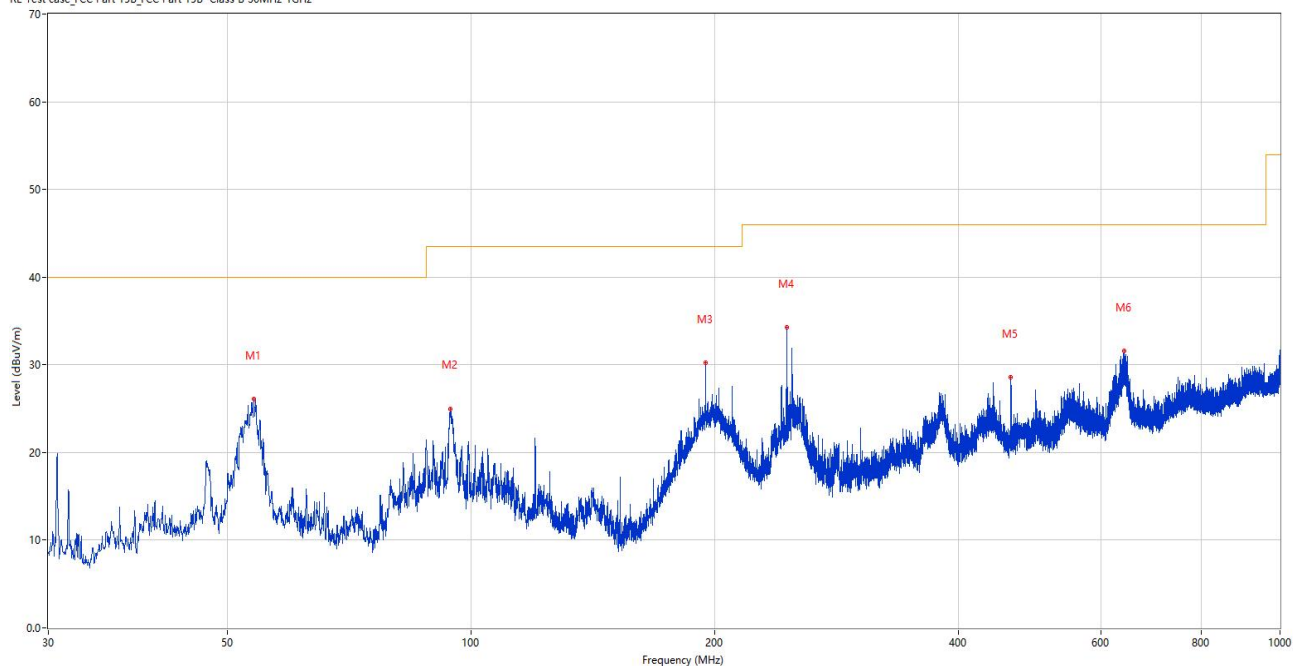
Equipment Information						
Equipment Name	Manufacturer	Model	Equipment No.	Cal. Date	Cal. Due	Use
EMI Receiver	KEYSIGHT	N9038A	BH-EMC-L127	2026.02.05	2027.02.04	☒
EMI Receiver	KEYSIGHT	N9010B	BH-EMC-L099	2026.02.03	2027.02.02	☒
Test Antenna-Horn	SCHWARZBECK	BBHA 9120D	BH-EMC-L111	2024.03.11	2027.03.10	☒
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	V21.919	/		☒

Sample No.	CC-26030133-001-S08	Temperature	21.7°C
Humidity	51%RH	Test Voltage	DC 5V From PC
Test Engineer	She Xihao	Test Date	2026.03.20
Remark	Supply Three		

Test Mode 4

A.1.5 Test Antenna Vertical, 30 MHz – 1 GHz

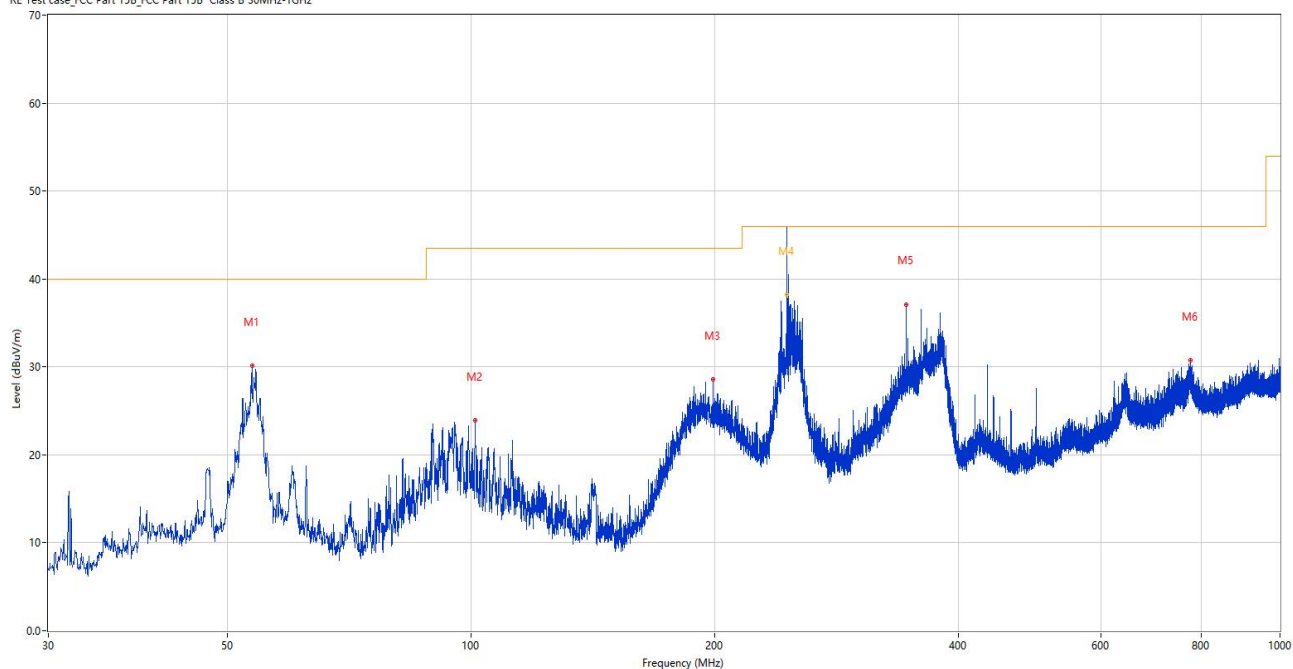
RE Test case_FCC Part 15B_FCC Part 15B Class B 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	53.862	26.09	-25.87	40.0	13.91	Peak	88.00	100	Vertical	Pass
2	94.117	25.00	-27.81	43.5	18.50	Peak	329.00	100	Vertical	Pass
3	194.997	30.20	-26.45	43.5	13.30	Peak	183.00	100	Vertical	Pass
4	245.680	34.28	-25.01	46.0	11.72	Peak	183.00	100	Vertical	Pass
5	464.948	28.57	-19.86	46.0	17.43	Peak	183.00	100	Vertical	Pass
6	641.003	31.58	-15.15	46.0	14.42	Peak	40.00	100	Vertical	Pass

A.1.6 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	53.620	30.09	-25.85	40.0	9.91	Peak	214.00	100	Horizontal	Pass
2	101.101	23.90	-26.79	43.5	19.60	Peak	274.00	200	Horizontal	Pass
3	198.974	28.56	-26.47	43.5	14.94	Peak	328.00	100	Horizontal	Pass
4	245.760	33.34	-25.01	46.0	12.66	Peak	97.00	126	Horizontal	N/A
4*	245.760	38.21	-25.01	46.0	7.79	QP	97.00	126	Horizontal	Pass
5	345.008	37.11	-22.20	46.0	8.89	Peak	97.00	100	Horizontal	Pass
6	774.863	30.78	-12.20	46.0	15.22	Peak	198.00	100	Horizontal	Pass

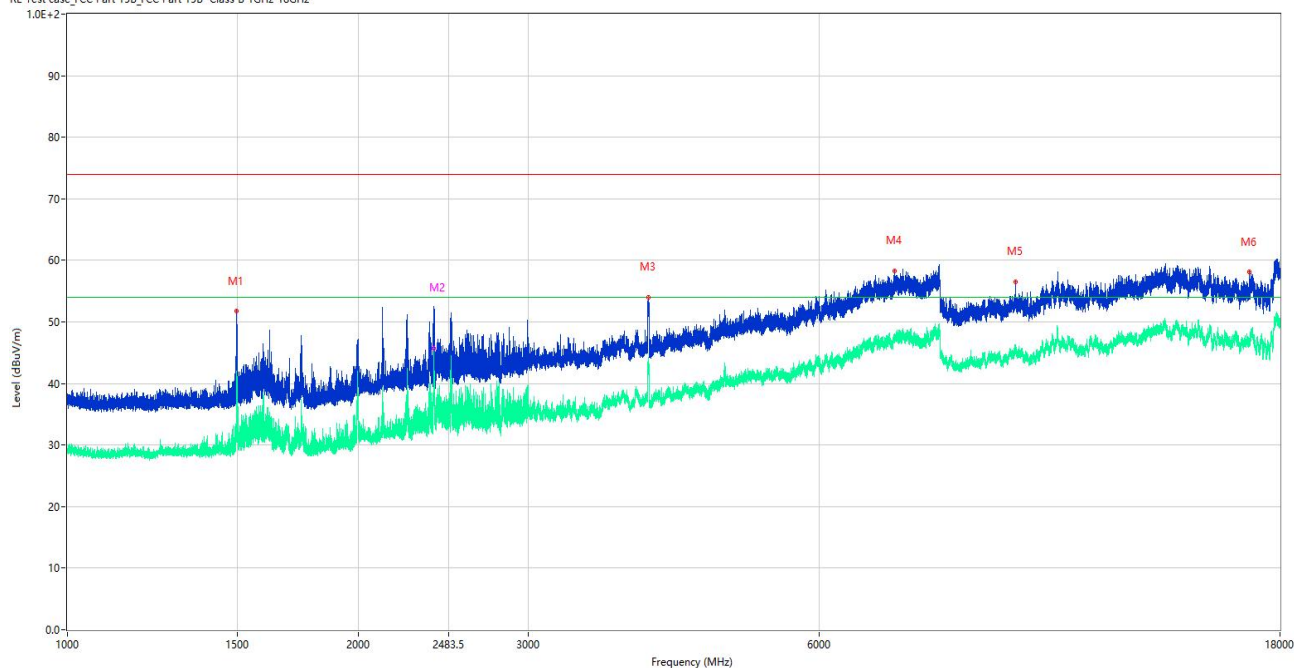
Equipment Information						
Equipment Name	Manufacturer	Model	Equipment No.	Cal. Date	Cal. Due	Use
EMI Receiver	KEYSIGHT	N9038A	BH-EMC-L127	2026.02.05	2027.02.04	☒
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9163	BH-EMC-L132	2024.03.11	2027.03.10	☒
Anechoic Chamber	YiHeng	9m*6m*6m	BH-EMC-L001	2024.04.18	2027.04.17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

Sample No.	CC-26030133-001-S08	Temperature	21.7°C
Humidity	51%RH	Test Voltage	DC 5V From PC
Test Engineer	She Xihao	Test Date	2026.03.20
Remark	Supply Three		

Test Mode 4

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

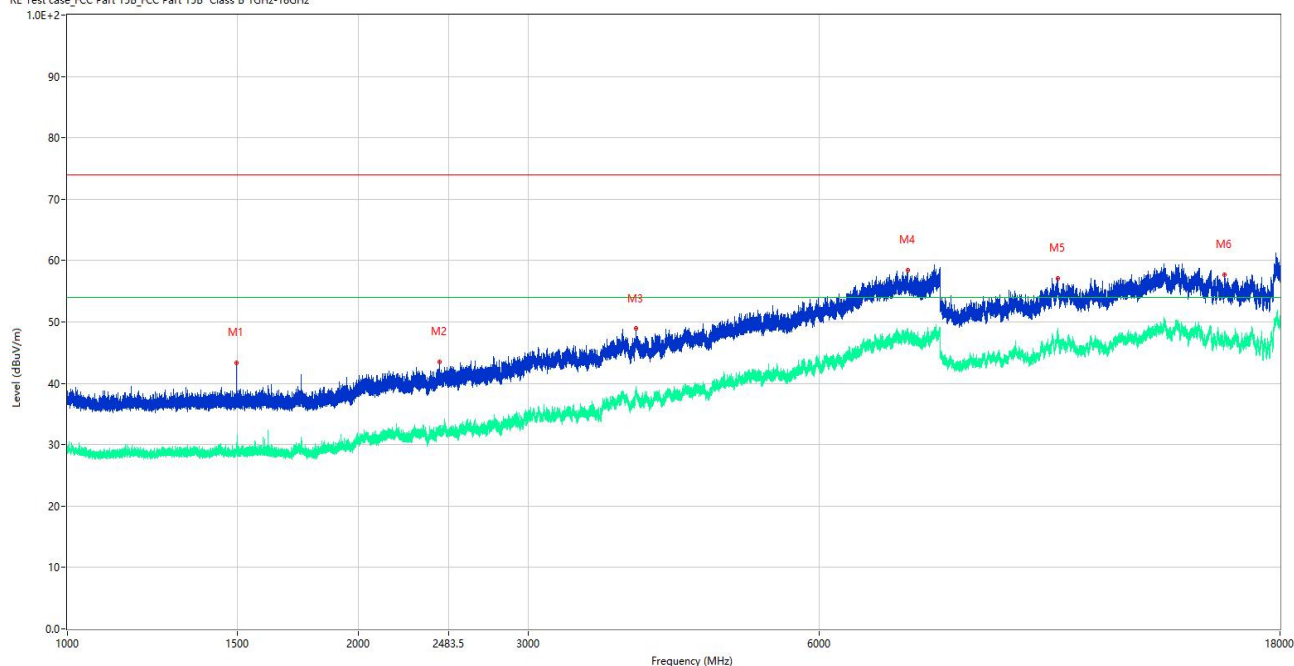
RE Test case FCC Part 15B FCC Part 15B Class B 1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.100	51.72	-16.29	74.0	22.28	Peak	171.00	100	Vertical	Pass
1**	1496.100	37.74	-16.29	54.0	16.26	AV	171.00	100	Vertical	Pass
2	2393.400	46.11	-12.06	74.0	27.89	Peak	196.00	100	Vertical	Pass
2**	2393.400	45.65	-12.06	54.0	8.35	AV	196.00	100	Vertical	Pass
3	3996.750	53.99	-3.66	74.0	20.01	Peak	209.00	100	Vertical	Pass
3**	3996.750	42.79	-3.66	54.0	11.21	AV	209.00	100	Vertical	Pass
4	7181.750	58.35	5.13	74.0	15.65	Peak	343.00	100	Vertical	Pass
4**	7181.750	46.86	5.13	54.0	7.14	AV	343.00	100	Vertical	Pass
5	9581.500	56.57	3.09	74.0	17.43	Peak	333.00	100	Vertical	Pass
5**	9581.500	45.26	3.09	54.0	8.74	AV	333.00	100	Vertical	Pass
6	16731.500	58.08	6.07	74.0	15.92	Peak	240.00	100	Vertical	Pass
6**	16731.500	46.33	6.07	54.0	7.67	AV	240.00	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	1495.500	43.35	-16.30	74.0	30.65	Peak	14.00	100	Horizontal	Pass
1**	1495.500	28.93	-16.30	54.0	25.07	AV	14.00	100	Horizontal	Pass
2	2430.000	43.54	-11.55	74.0	30.46	Peak	337.00	100	Horizontal	Pass
2**	2430.000	32.06	-11.55	54.0	21.94	AV	337.00	100	Horizontal	Pass
3	3876.500	48.92	-2.77	74.0	25.08	Peak	160.00	100	Horizontal	Pass
3**	3876.500	38.13	-2.77	54.0	15.87	AV	160.00	100	Horizontal	Pass
4	7409.750	58.42	6.53	74.0	15.58	Peak	39.00	100	Horizontal	Pass
4**	7409.750	47.61	6.53	54.0	6.39	AV	39.00	100	Horizontal	Pass
5	10595.500	57.12	4.77	74.0	16.88	Peak	98.00	100	Horizontal	Pass
5**	10595.500	47.72	4.77	54.0	6.28	AV	98.00	100	Horizontal	Pass
6	15783.500	57.64	6.40	74.0	16.36	Peak	17.00	100	Horizontal	Pass
6**	15783.500	47.74	6.40	54.0	6.26	AV	17.00	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	V21.919	/		☒

A.2 Conducted emission

Note: The test data of Conducted emission, please refer to the Report BL-SH25B1335-401 which issued by Shanghai Tejet Communications Technology Co., Ltd. Testing Center on Jan. 04, 2026. Chapters A.2.

ANNEX B TEST SETUP PHOTOS

Please refer the document “Ti-CC26030163-AE.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Note: The EUT EXTERNAL PHOTOS please refer to the Report BL-SH25B1335-401 which issued by Shanghai Tejet Communications Technology Co., Ltd. Testing Center on Jan. 04, 2026. Chapters BL-SH25B1335-AW.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “Ti-CC26030163-AI.PDF”.

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6. Any objection shall be raised to the Testing Center within 30 days after receiving the report.

--END OF REPORT--