



TEST REPORT

Applicant: PRADCO Outdoor Brands

Address: 5724 Highway 280 East Birmingham, Alabama
35242, United States

Equipment Type: Cellular Trail Camera

Model Name: MCAM4P

Brand Name: Moultrie

FCC ID: 2AJQ6MCAM4P

ISED Number: 27066-MCAM4P

Test Standard: 47 CFR Part 15 Subpart B
ICES-003 Issue 7
ANSI C63.4-2014

Sample Arrival Date: Mar. 12, 2026

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ISSUED BY:

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(Laboratory Manager)

Xiang Jibin

Huang Chengkun

Zhang Yanqing

Revision History

Version	Issue Date	Revisions Content
<u>Rev. 01</u>	<u>Apr. 10, 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	PRADCO Outdoor Brands
Address	5724 Highway 280 East Birmingham, Alabama 35242, United States

2.2 Manufacturer Information

Manufacturer	SERCOMM CORPORATION
Address	8F, 3-1, YuanQu St., NanKang, Taipei 115, Taiwan

2.3 General Description for Equipment under Test (EUT)

Equipment Type	Cellular Trail Camera
Model Name Under Test	MCAM4P
Series Model Name	N/A
Description of Model Name Differentiation	N/A
Hardware Version	Cut3
Software Version	1.03.01
Dimensions (Approx.)	139.00mm(L) × 108.53mm(W) × 88.80mm(H)
Weight (Approx.)	N/A

2.4 Ancillary Equipment

Ancillary Equipment	Lithium Battery	
	Brand Name	N/A
	Model No.	PG-2284(31NR19/66)
	Serial No.	N/A
	Capacity	2600 mAh
	Rated Voltage	10.8 V
	Limit Charge Voltage	N/A

2.5 Technical Information

Network and wireless connectivity	4G Network FDD LTE Band2/4/5/12/13/66 Bluetooth (BLE), GPS
Classification of equipment	Class B
Highest frequency generated or used in the device or on which the device operates or tunes(MHz)	2483.5 MHz

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

No.	Identity	Document Title
1	47 CFR Part 15 Subpart B	Unintentional Radiators
2	ICES-003 Issue 7	Information Technology Equipment (Including Digital Apparatus)
3	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	ISED Rule	Test Verdict	Remark
1	Radiated Emission	15.109	ICES-003, 3.2.2	Pass	--
2	Conducted Emission, AC Ports	15.107	ICES-003, 3.2.1	Pass	--

Note: Customer declaration, two configures is the same, except for below:

Item	Configure1	Configure2
Marketing SKU	MMC-14229	MMC-14251
Power Supply	AA battery tray	Solar panel + Recharge Battery Pack

This report data focuses on the Configure1 and 2. (This information provided by the customer.)

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

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
Battery	N/A	N/A	N/A	N/A	1.5V	☒
Adapter	N/A	N/A	N/A	N/A	Input: 200-240V~ 50/60Hz, 1.2A Output: 5V=2A or 9V=2A or 10V=4A MAX	☒
USB cable	N/A	N/A	N/A	1.0m	N/A	☒

4.2 Test Configurations

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

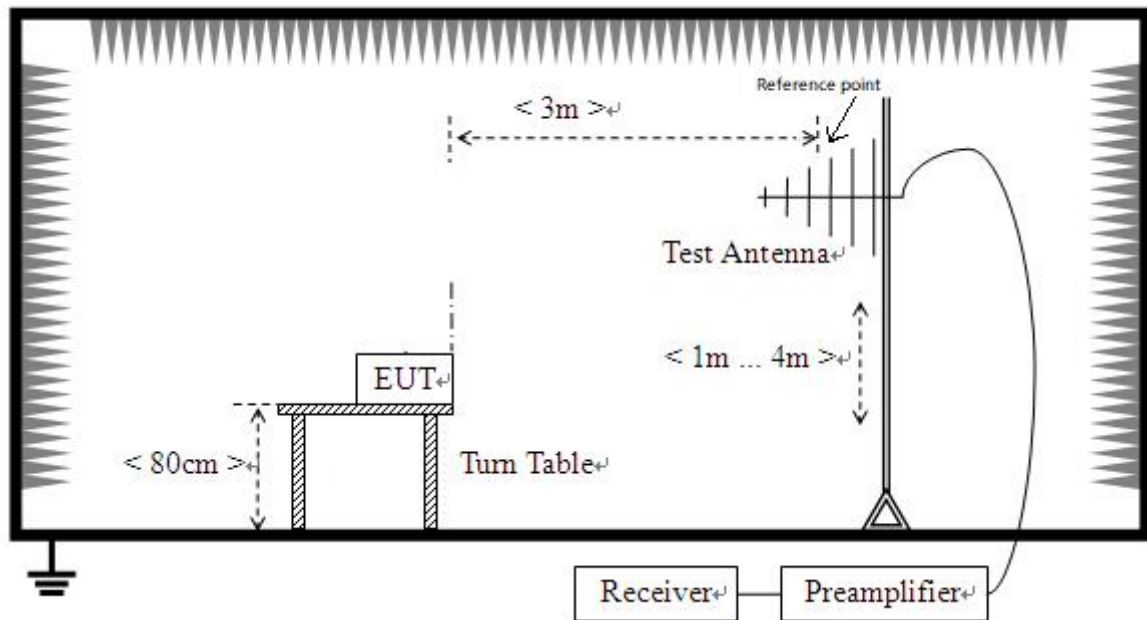
Test Mode Configuration	Description
Mode 1	<u>The Full System Test Mode</u> EUT + Lithium Battery
Mode 2	<u>The Full System Test Mode</u> EUT + Battery
Mode 3	<u>The Full System Test Mode</u> EUT + Lithium Battery + Adapter + USB cable
Mode 4	<u>The Full System Test Mode</u> EUT + Battery + Adapter + USB cable

Test Case	Test Mode Configuration	Worst Mode
Radiated emission	Mode 1~Mode 4	1,2
Conducted emission	Mode 3~Mode 4	3,4

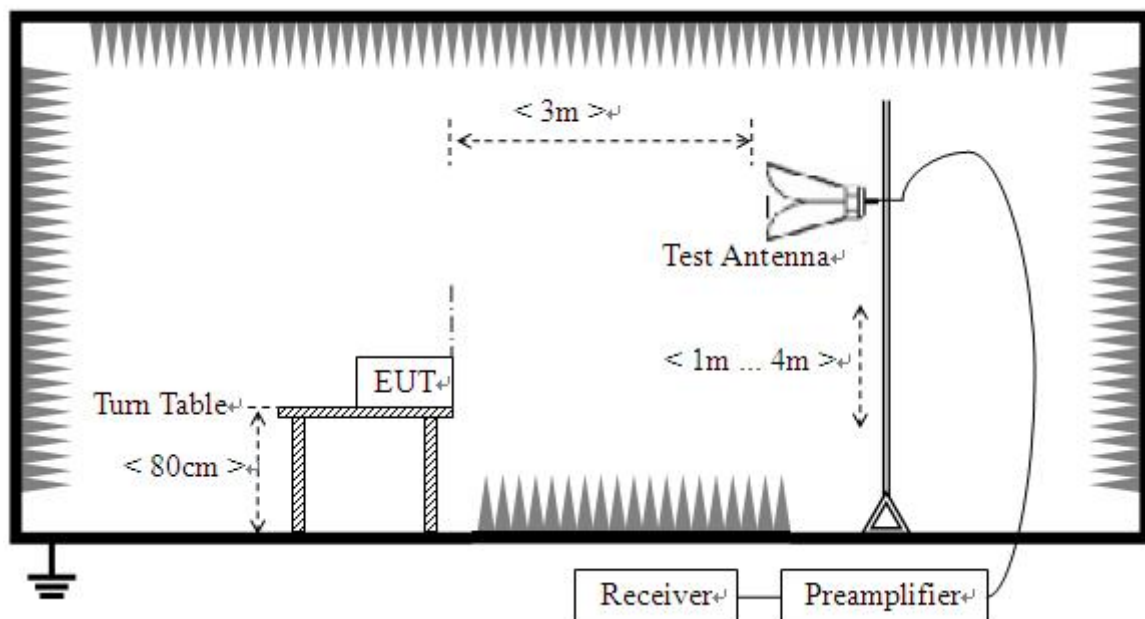
Note: Based on client request, all normal using modes of the normal function were tested, but only data of the worst mode (if test case has) was reported in this report.

4.3 Test Setups

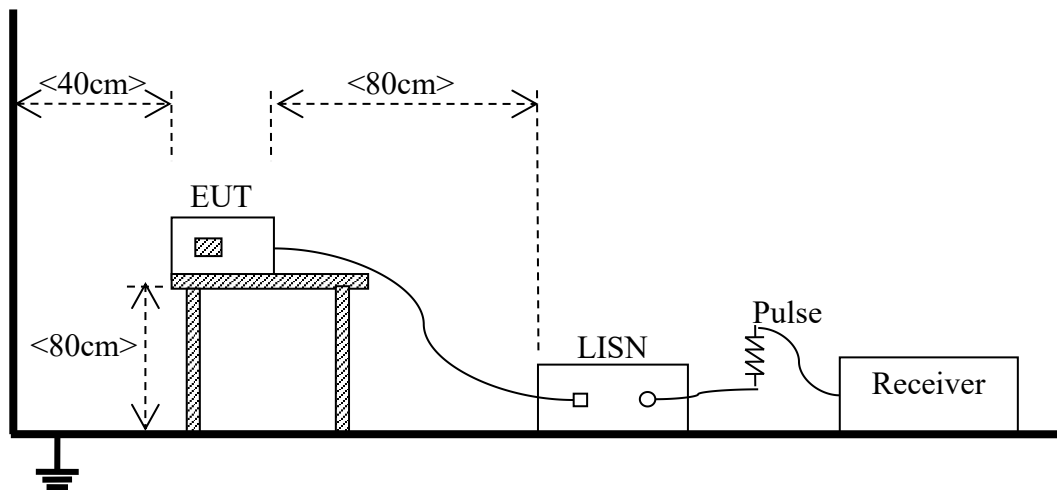
Test Setup 1



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

FCC:

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.	

ISED:

Frequency range (MHz)	Class A (at 3 m) Quasi-peak (dB μ V/m)	Class B (at 3 m) Quasi-peak (dB μ V/m)
30 - 88	50.0	40.0
88 - 216	54.0	43.5
216 - 230	56.9	46.0
230 - 960	57.0	47.0
960 - 1000	60.0	54.0
Note: The more stringent limit applies at transition frequencies.		

Frequency range (GHz)	Class A (3 m) Average (dB μ V/m)	Class A (3 m) Peak (dB μ V/m)	Class B (3 m) Average (dB μ V/m)	Class B (3 m) Peak (dB μ V/m)
1 - F_M	60	80	54	74
Note: 1. The highest measurement frequency, F_M , in GHz, shall be determined as next Table. 2. The measurement bandwidth shall be 1 MHz or greater. 3. These limit levels apply for a measurement distance of 3 m. If using a different measurement distance, the measured levels shall be extrapolated to the 3 m limit distance using a factor of 20 dB per decade of distance. The measurement distance shall place the measurement antenna in the far field of the ITE or digital apparatus under test. 4. The test site shall have been validated at the distance used for radiated emission measurements on the ITE or digital apparatus under test				

Highest internal frequency (F_X)	Highest measurement frequency (F_M)
$F_X \leq 108 \text{ MHz}$	1GHz
$108 \text{ MHz} \leq F_X \leq 500 \text{ MHz}$	2GHz
$500 \text{ MHz} \leq F_X \leq 1 \text{ GHz}$	5GHz
$F_X \geq 1 \text{ GHz}$	$5 * F_X$ up to a maximum of 40 GHz
Note: F_X is the highest fundamental frequency generated and/or used in the ITE or digital apparatus under test.	

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.

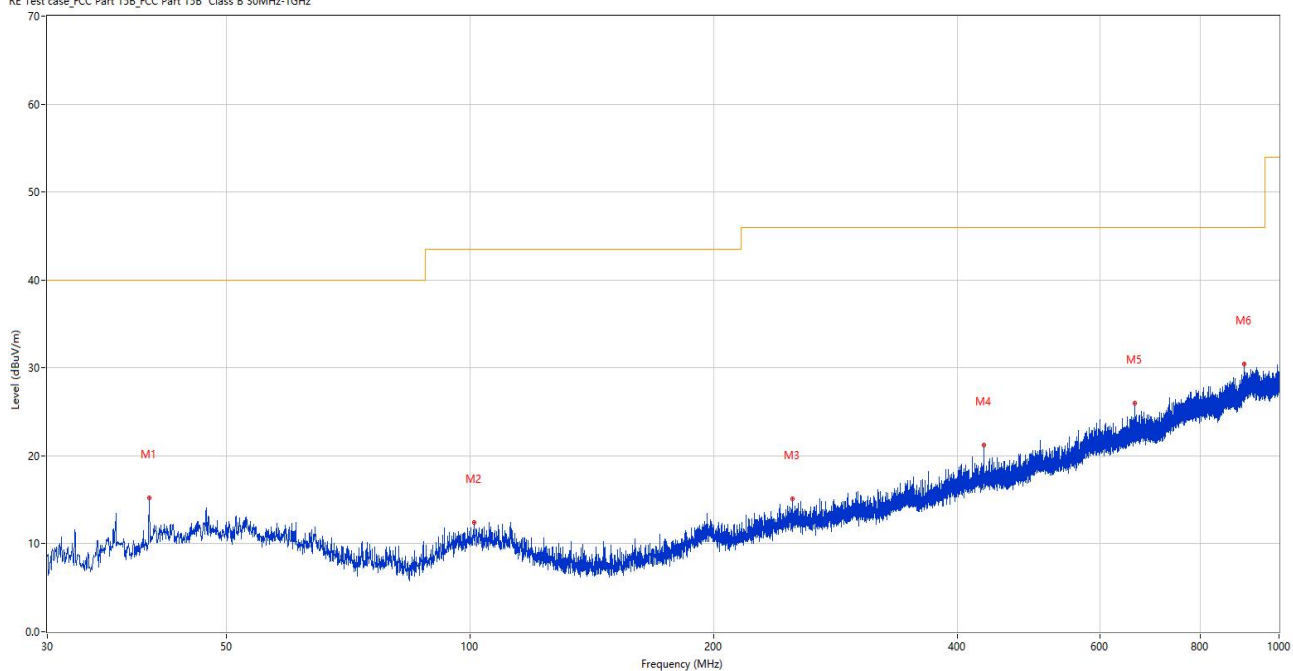
Note 2: The FCC limit is stricter than the IC and only reflects FCC Radiated Emission test data.

Sample No.	CC26030088-001-A02	Temperature	20.6°C
Humidity	48%RH	Test Voltage	DC 12V From Lithium Battery
Test Engineer	She Xihao	Test Date	2026.03.12

Test Mode 1

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

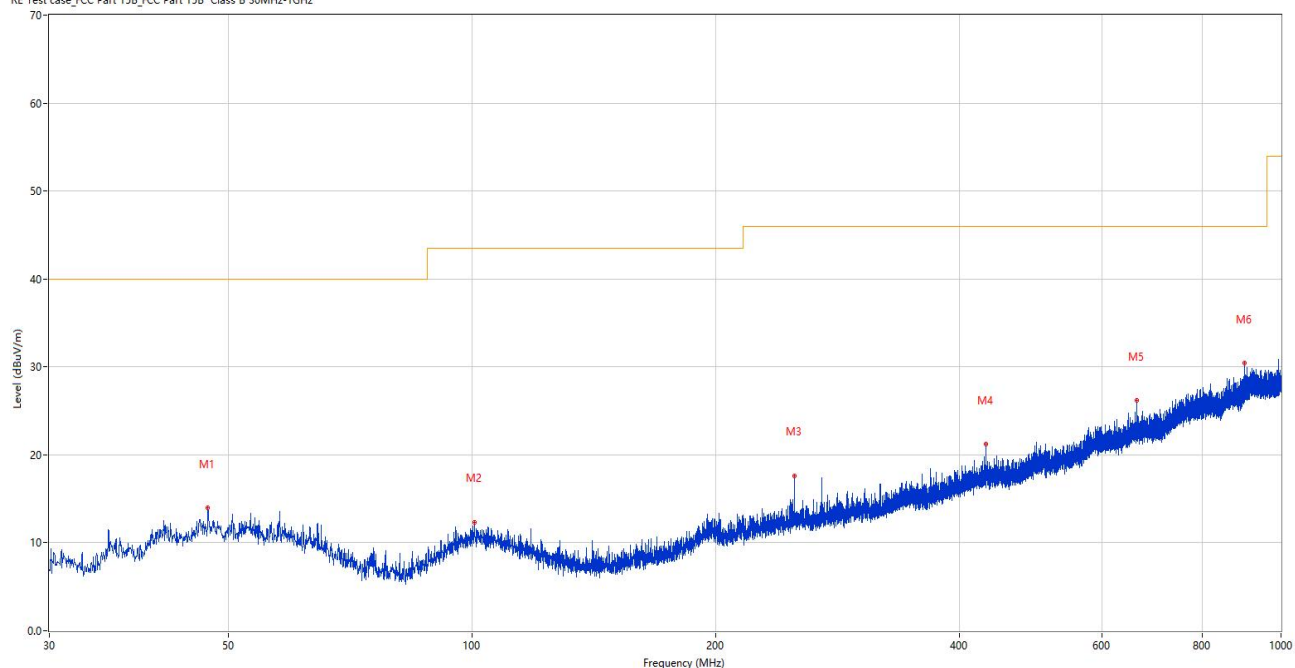
RE Test case_FCC Part 15B_FCC Part 15B Class B 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	40.088	15.23	-27.17	40.0	24.77	Peak	227.00	100	Vertical	Pass
2	101.052	12.43	-26.79	43.5	31.07	Peak	349.00	100	Vertical	Pass
3	250.141	15.10	-24.78	46.0	30.90	Peak	162.00	200	Vertical	Pass
4	432.017	21.21	-20.04	46.0	24.79	Peak	360.00	200	Vertical	Pass
5	663.604	25.96	-14.47	46.0	20.04	Peak	243.00	100	Vertical	Pass
6	905.667	30.44	-9.62	46.0	15.56	Peak	185.00	100	Vertical	Pass

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

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



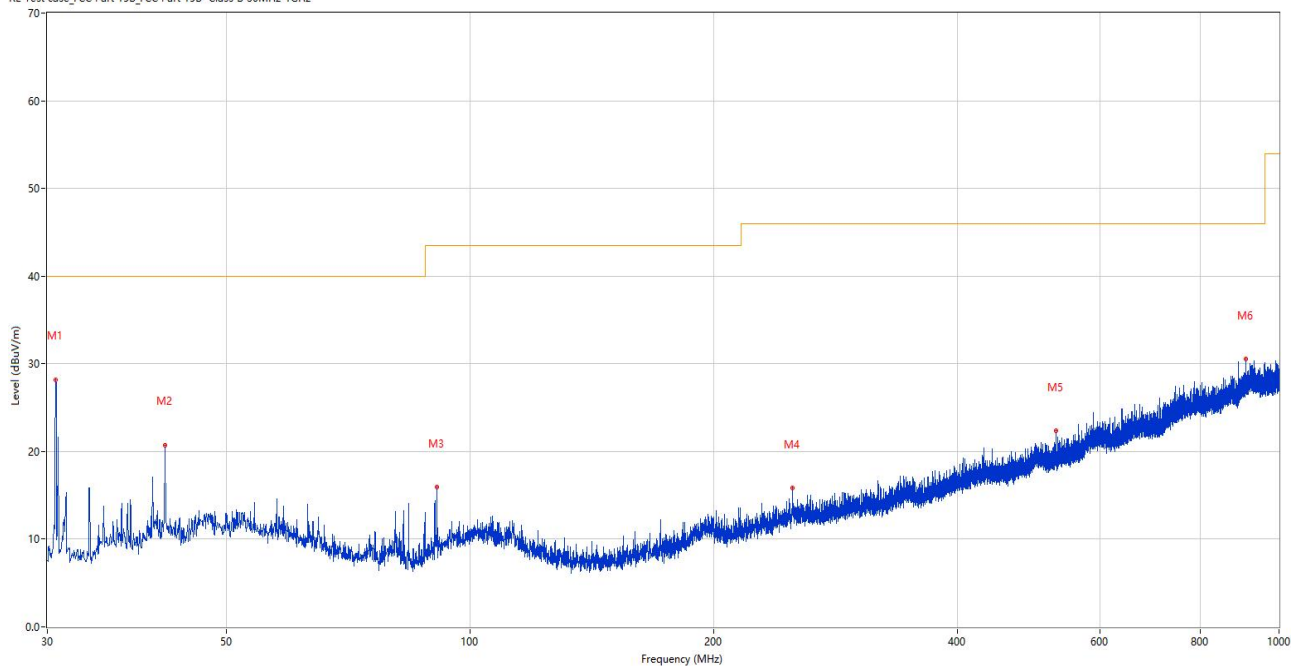
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	47.120	13.97	-25.79	40.0	26.03	Peak	331.00	200	Horizontal	Pass
2	100.713	12.36	-26.80	43.5	31.14	Peak	176.00	200	Horizontal	Pass
3	250.093	17.65	-24.78	46.0	28.35	Peak	231.00	100	Horizontal	Pass
4	432.017	21.22	-20.04	46.0	24.78	Peak	307.00	200	Horizontal	Pass
5	663.555	26.21	-14.47	46.0	19.79	Peak	117.00	100	Horizontal	Pass
6	901.690	30.47	-9.73	46.0	15.53	Peak	12.00	200	Horizontal	Pass

Sample No.	CC26030088-001-A02	Temperature	20.6°C
Humidity	48%RH	Test Voltage	DC 12V From Battery
Test Engineer	She Xihao	Test Date	2026.03.12

Test Mode 2

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

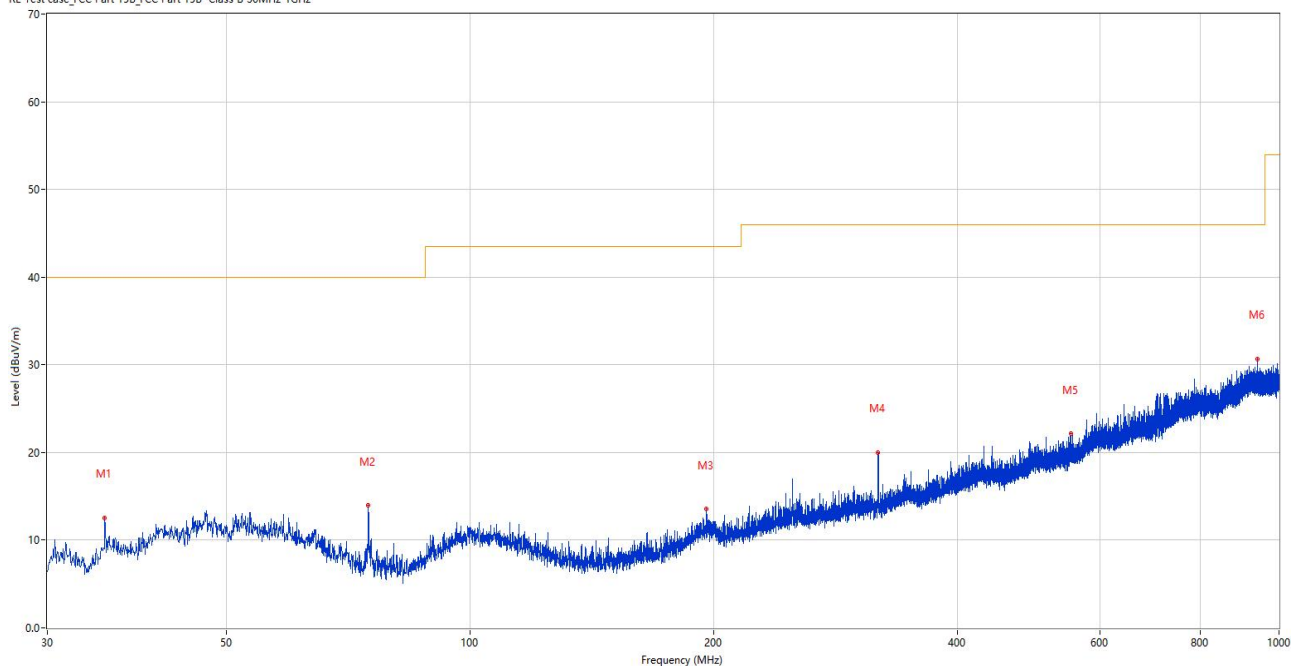
RE Test case_FCC Part 15B_FCC Part 15B Class B 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	30.727	28.19	-30.30	40.0	11.81	Peak	253.00	200	Vertical	Pass
2	41.931	20.75	-26.63	40.0	19.25	Peak	290.00	200	Vertical	Pass
3	90.965	15.93	-28.67	43.5	27.57	Peak	305.00	100	Vertical	Pass
4	250.093	15.81	-24.78	46.0	30.19	Peak	174.00	200	Vertical	Pass
5	530.423	22.33	-17.95	46.0	23.67	Peak	233.00	100	Vertical	Pass
6	909.305	30.52	-9.50	46.0	15.48	Peak	13.00	100	Vertical	Pass

A.1.4 Test Antenna Horizontal, 30 MHz – 1 GHz (FCC)

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	35.335	12.49	-28.97	40.0	27.51	Peak	120.00	100	Horizontal	Pass
2	74.814	13.96	-31.20	40.0	26.04	Peak	138.00	100	Horizontal	Pass
3	195.918	13.56	-26.38	43.5	29.94	Peak	263.00	100	Horizontal	Pass
4	319.496	20.03	-23.54	46.0	25.97	Peak	248.00	100	Horizontal	Pass
5	553.509	22.16	-17.53	46.0	23.84	Peak	62.00	200	Horizontal	Pass
6	939.472	30.61	-9.26	46.0	15.39	Peak	307.00	200	Horizontal	Pass

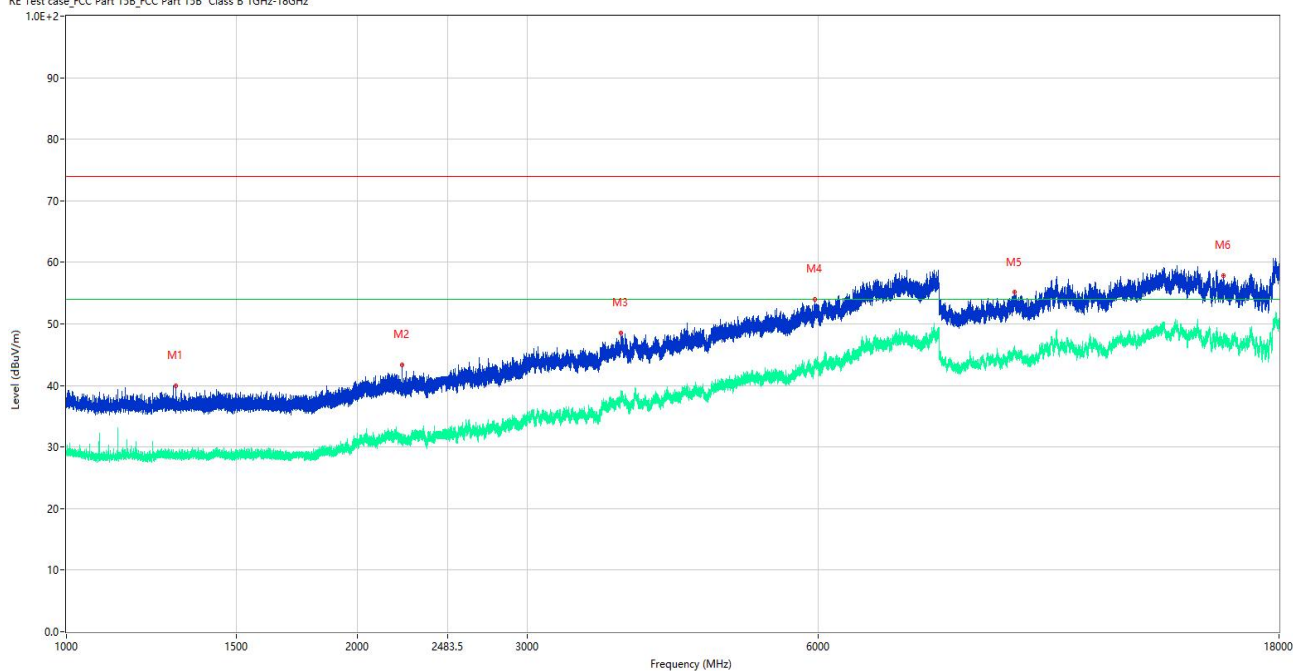
Equipment Information						
Equipment Name	Manufacturer	Model	Equipment No.	Cal. Date	Cal. Due	Use
EMI Receiver	KEYSIGHT	N9038A	BH-EMC-L127	2026.02.05	2027.02.04	☒
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9163	BH-EMC-L132	2024.03.11	2027.03.10	☒
Anechoic Chamber	YiHeng	9m*6m*6m	BH-EMC-L001	2024.04.18	2027.04.17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

Sample No.	CC26030088-001-A02	Temperature	20.6°C
Humidity	48%RH	Test Voltage	DC 12V From Lithium Battery
Test Engineer	She Xihao	Test Date	2026.03.12

Test Mode 1

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

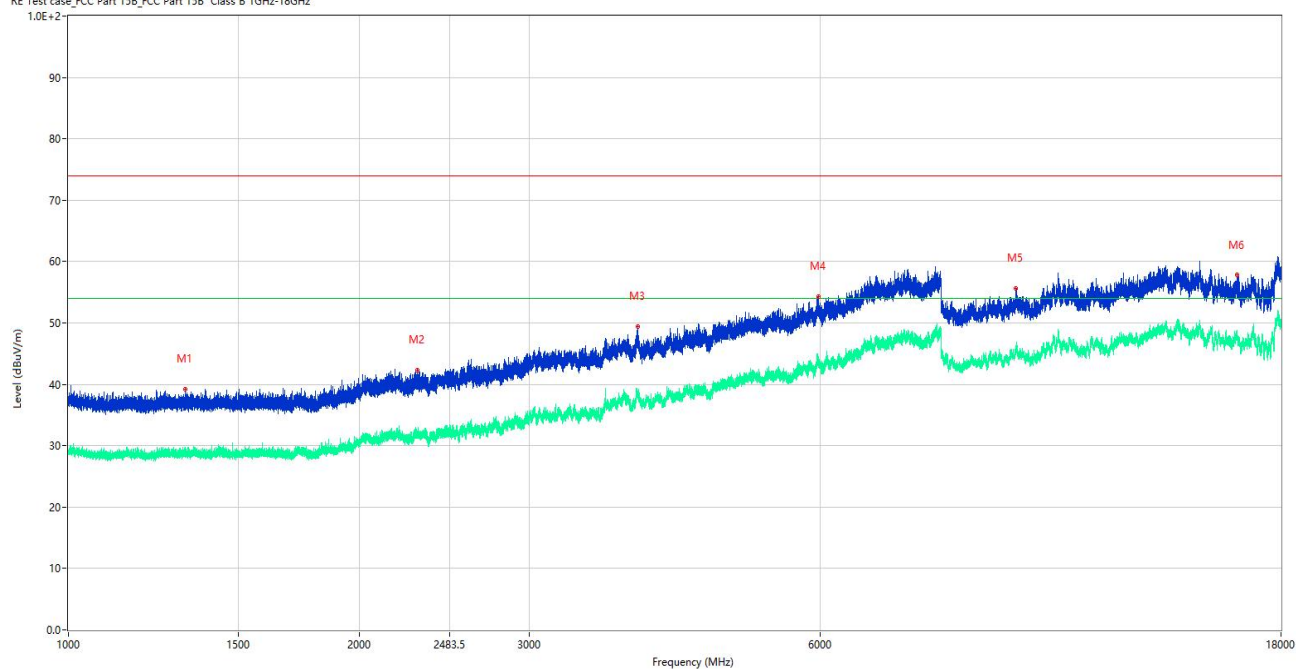
RE Test case_FCC Part 15B_FCC Part 15B Class B 1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1298.700	39.95	-16.03	74.0	34.05	Peak	238.00	100	Vertical	Pass
1**	1298.700	28.86	-16.03	54.0	25.14	AV	238.00	100	Vertical	Pass
2	2224.000	43.37	-12.97	74.0	30.63	Peak	346.00	100	Vertical	Pass
2**	2224.000	30.62	-12.97	54.0	23.38	AV	346.00	100	Vertical	Pass
3	3751.750	48.50	-3.19	74.0	25.50	Peak	110.00	100	Vertical	Pass
3**	3751.750	37.71	-3.19	54.0	16.29	AV	110.00	100	Vertical	Pass
4	5953.750	53.95	1.85	74.0	20.05	Peak	326.00	100	Vertical	Pass
4**	5953.750	42.99	1.85	54.0	11.01	AV	326.00	100	Vertical	Pass
5	9585.500	55.18	3.05	74.0	18.82	Peak	8.00	100	Vertical	Pass
5**	9585.500	45.32	3.05	54.0	8.68	AV	8.00	100	Vertical	Pass
6	15769.500	57.87	6.15	74.0	16.13	Peak	178.00	100	Vertical	Pass
6**	15769.500	47.33	6.15	54.0	6.67	AV	178.00	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



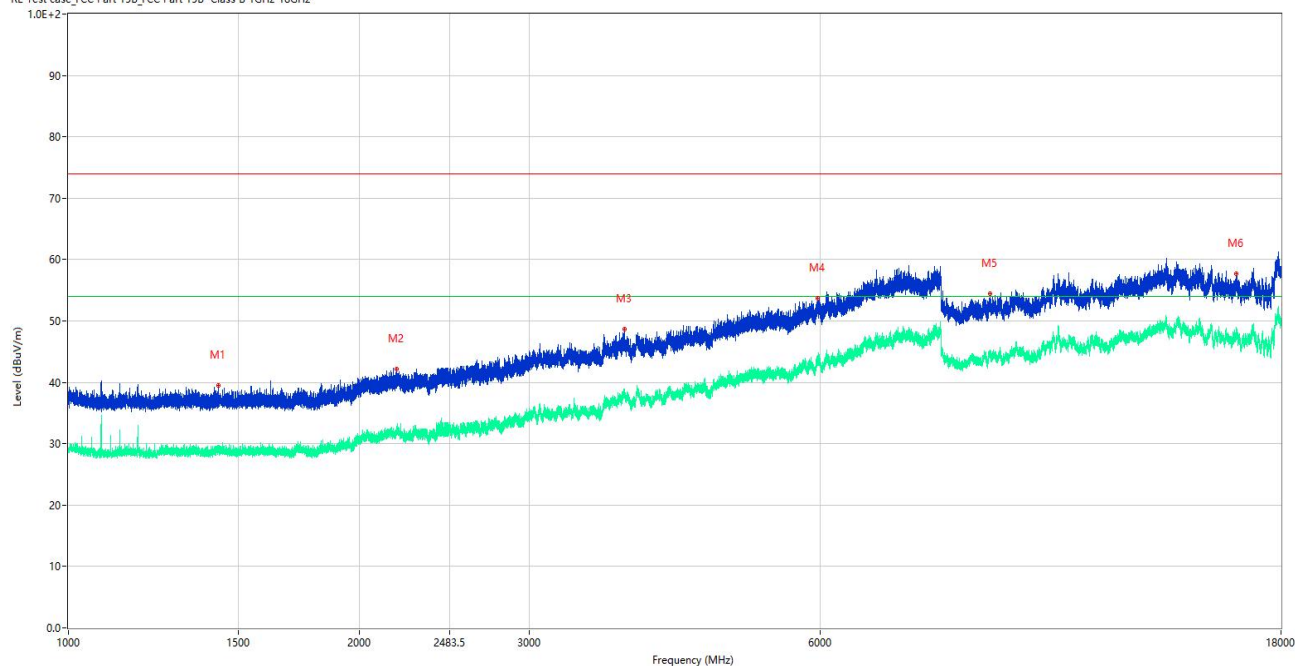
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1322.500	39.13	-15.73	74.0	34.87	Peak	218.00	100	Horizontal	Pass
1**	1322.500	29.05	-15.73	54.0	24.95	AV	218.00	100	Horizontal	Pass
2	2299.200	42.34	-12.56	74.0	31.66	Peak	83.00	100	Horizontal	Pass
2**	2299.200	31.75	-12.56	54.0	22.25	AV	83.00	100	Horizontal	Pass
3	3884.250	49.45	-2.80	74.0	24.55	Peak	274.00	100	Horizontal	Pass
3**	3884.250	38.53	-2.80	54.0	15.47	AV	274.00	100	Horizontal	Pass
4	5976.500	54.32	1.96	74.0	19.68	Peak	201.00	100	Horizontal	Pass
4**	5976.500	43.49	1.96	54.0	10.51	AV	201.00	100	Horizontal	Pass
5	9571.000	55.65	3.20	74.0	18.35	Peak	0.00	100	Horizontal	Pass
5**	9571.000	45.89	3.20	54.0	8.11	AV	0.00	100	Horizontal	Pass
6	16200.500	57.82	6.40	74.0	16.18	Peak	1.00	100	Horizontal	Pass
6**	16200.500	47.76	6.40	54.0	6.24	AV	1.00	100	Horizontal	Pass

Sample No.	CC26030088-001-A02	Temperature	20.6°C
Humidity	48%RH	Test Voltage	DC 12V From Battery
Test Engineer	She Xihao	Test Date	2026.03.12

Test Mode 2

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

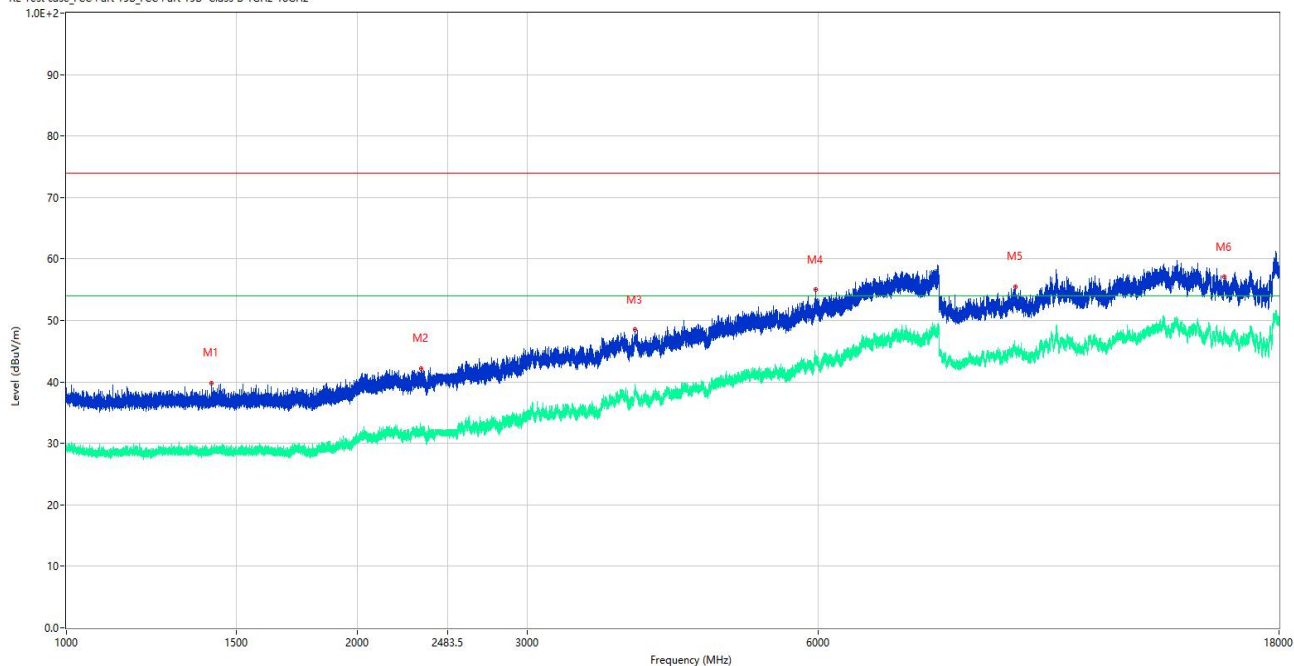
RE Test case FCC Part 15B_FCC Part 15B Class B 1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1431.200	39.51	-15.95	74.0	34.49	Peak	325.00	100	Vertical	Pass
1**	1431.200	29.17	-15.95	54.0	24.83	AV	325.00	100	Vertical	Pass
2	2185.700	42.19	-12.93	74.0	31.81	Peak	158.00	100	Vertical	Pass
2**	2185.700	31.79	-12.93	54.0	22.21	AV	158.00	100	Vertical	Pass
3	3765.000	48.73	-3.17	74.0	25.27	Peak	329.00	100	Vertical	Pass
3**	3765.000	37.80	-3.17	54.0	16.20	AV	329.00	100	Vertical	Pass
4	5964.250	53.67	2.07	74.0	20.33	Peak	103.00	100	Vertical	Pass
4**	5964.250	43.90	2.07	54.0	10.10	AV	103.00	100	Vertical	Pass
5	9002.000	54.43	2.28	74.0	19.57	Peak	46.00	100	Vertical	Pass
5**	9002.000	44.09	2.28	54.0	9.91	AV	46.00	100	Vertical	Pass
6	16180.000	57.70	6.20	74.0	16.30	Peak	0.00	100	Vertical	Pass
6**	16180.000	47.54	6.20	54.0	6.46	AV	0.00	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	1412.800	39.74	-16.16	74.0	34.26	Peak	166.00	100	Horizontal	Pass
1**	1412.800	29.19	-16.16	54.0	24.81	AV	166.00	100	Horizontal	Pass
2	2329.000	42.18	-12.54	74.0	31.82	Peak	197.00	100	Horizontal	Pass
2**	2329.000	31.60	-12.54	54.0	22.40	AV	197.00	100	Horizontal	Pass
3	3877.500	48.48	-2.72	74.0	25.52	Peak	347.00	100	Horizontal	Pass
3**	3877.500	38.81	-2.72	54.0	15.19	AV	347.00	100	Horizontal	Pass
4	5963.000	54.96	2.07	74.0	19.04	Peak	359.00	100	Horizontal	Pass
4**	5963.000	43.52	2.07	54.0	10.48	AV	359.00	100	Horizontal	Pass
5	9607.000	55.54	2.90	74.0	18.46	Peak	123.00	100	Horizontal	Pass
5**	9607.000	45.13	2.90	54.0	8.87	AV	123.00	100	Horizontal	Pass
6	15787.000	57.17	6.38	74.0	16.83	Peak	130.00	100	Horizontal	Pass
6**	15787.000	47.77	6.38	54.0	6.23	AV	130.00	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-Horn	SCHWARZBECK	BBHA 9120D	BH-EMC-L111	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

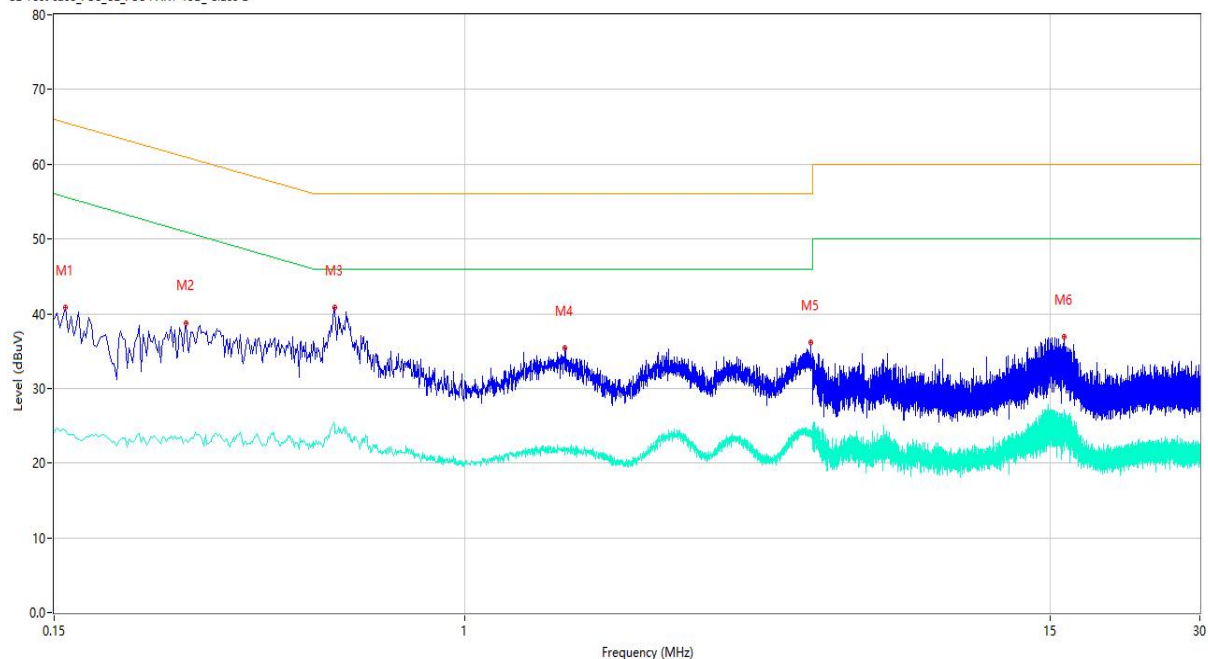
Note: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 50/60 Hz and 240 VAC, 50/60 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst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

Sample No.	CC26030088-001-A02	Temperature	21.5°C
Humidity	49%RH	Test Voltage	AC 120V/60Hz
Test Engineer	Xiang Jibin	Test Date	2026.03.17

Test Mode 3

A.2.1 AC ports - L Phase

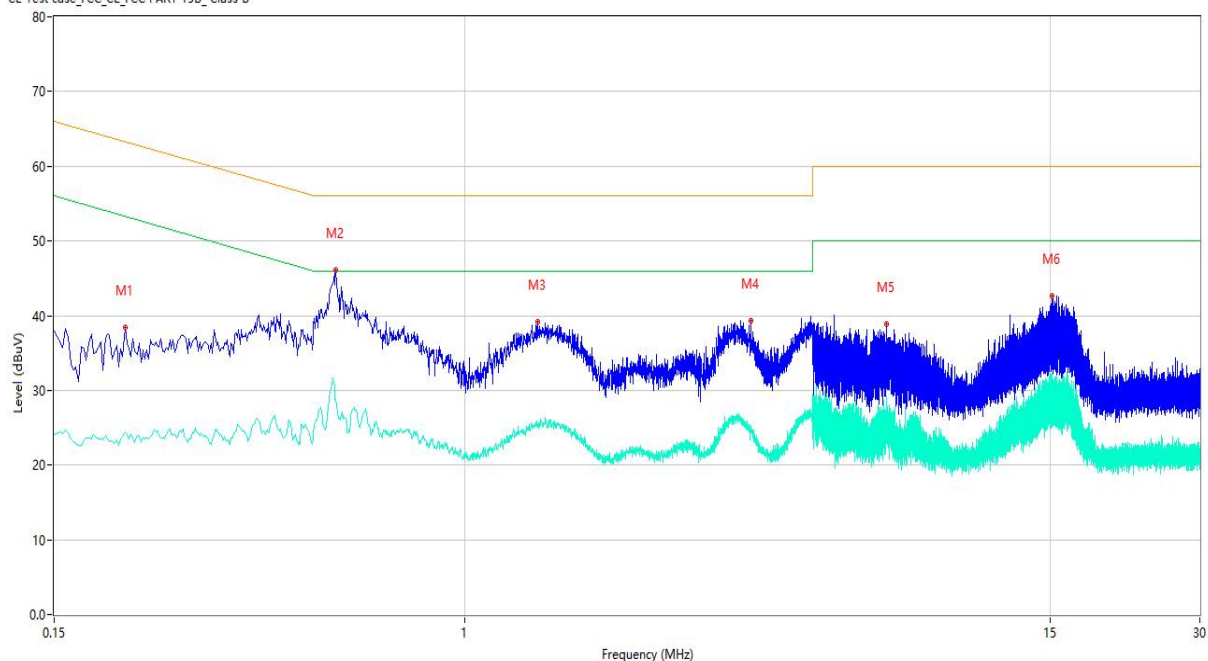
CE Test case_FCC_CE_FCC PART 15B_Class B



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.158	40.76	10.06	65.57	24.81	Peak	L	Pass
1**	0.158	24.46	10.06	55.57	31.11	AV	L	Pass
2	0.276	38.77	10.12	60.94	22.17	Peak	L	Pass
2**	0.276	23.14	10.12	50.94	27.80	AV	L	Pass
3	0.548	40.82	10.17	56.00	15.18	Peak	L	Pass
3**	0.548	25.05	10.17	46.00	20.95	AV	L	Pass
4	1.590	35.40	10.28	56.00	20.60	Peak	L	Pass
4**	1.590	21.75	10.28	46.00	24.25	AV	L	Pass
5	4.968	36.14	10.44	56.00	19.86	Peak	L	Pass
5**	4.968	24.38	10.44	46.00	21.62	AV	L	Pass
6	16.022	36.90	11.19	60.00	23.10	Peak	L	Pass
6**	16.022	26.26	11.19	50.00	23.74	AV	L	Pass

A.2.2 AC ports - N Phase

CE Test case_FCC_CE_FCC PART 15B_Class B

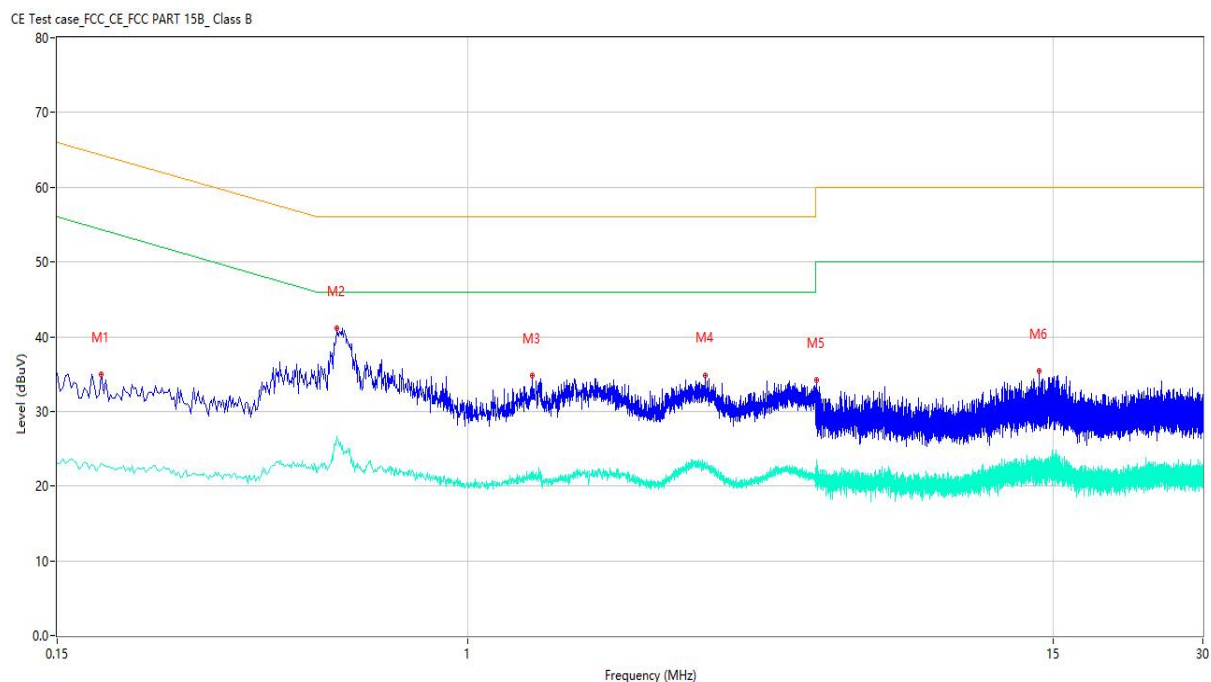


No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.208	38.38	10.16	63.28	24.90	Peak	N	Pass
1**	0.208	24.35	10.16	53.28	28.93	AV	N	Pass
2	0.552	46.03	10.18	56.00	9.97	Peak	N	Pass
2**	0.552	28.83	10.18	46.00	17.17	AV	N	Pass
3	1.402	39.18	10.24	56.00	16.82	Peak	N	Pass
3**	1.402	25.33	10.24	46.00	20.67	AV	N	Pass
4	3.764	39.31	10.35	56.00	16.69	Peak	N	Pass
4**	3.764	24.58	10.35	46.00	21.42	AV	N	Pass
5	7.044	38.84	10.62	60.00	21.16	Peak	N	Pass
5**	7.044	29.24	10.62	50.00	20.76	AV	N	Pass
6	15.170	42.65	11.13	60.00	17.35	Peak	N	Pass
6**	15.170	31.80	11.13	50.00	18.20	AV	N	Pass

Sample No.	CC26030088-001-A02	Temperature	21.5°C
Humidity	49%RH	Test Voltage	AC 120V/60Hz
Test Engineer	Xiang Jibin	Test Date	2026.03.17

Test Mode 4

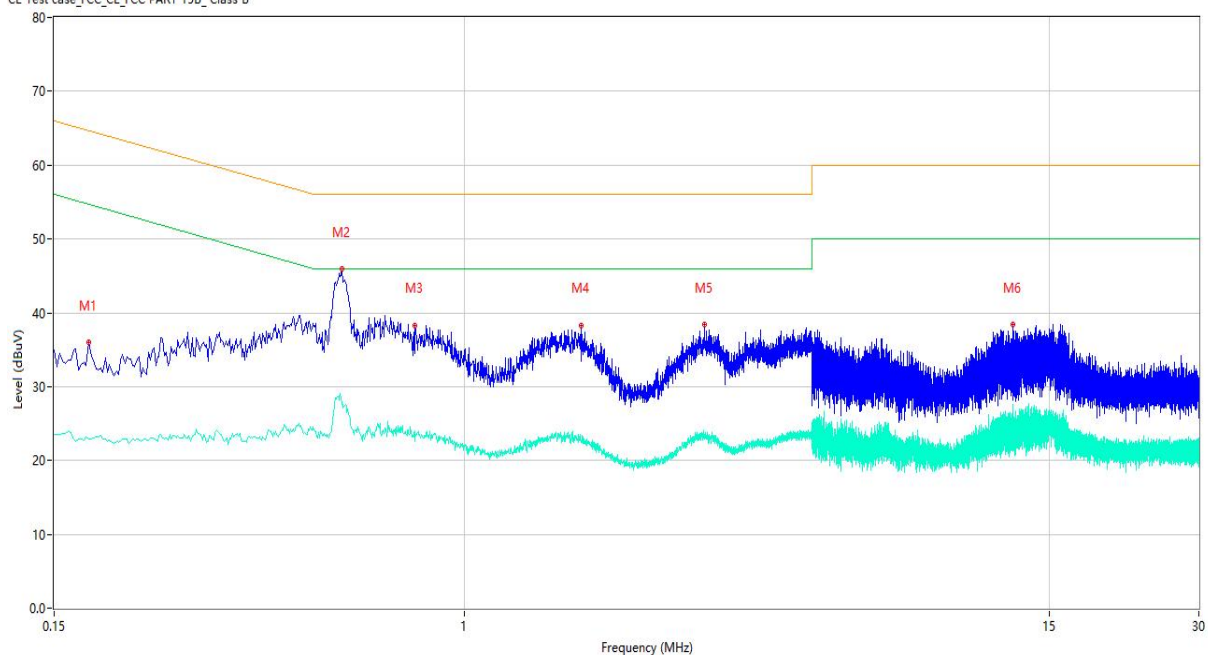
A.2.3 AC ports - L Phase



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.184	34.97	10.10	64.30	29.33	Peak	L	Pass
1**	0.184	23.12	10.10	54.30	31.18	AV	L	Pass
2	0.546	41.08	10.17	56.00	14.92	Peak	L	Pass
2**	0.546	26.62	10.17	46.00	19.38	AV	L	Pass
3	1.348	34.84	10.24	56.00	21.16	Peak	L	Pass
3**	1.348	21.41	10.24	46.00	24.59	AV	L	Pass
4	3.000	34.85	10.38	56.00	21.15	Peak	L	Pass
4**	3.000	23.10	10.38	46.00	22.90	AV	L	Pass
5	5.028	34.17	10.45	60.00	25.83	Peak	L	Pass
5**	5.028	22.19	10.45	50.00	27.81	AV	L	Pass
6	14.084	35.39	11.14	60.00	24.61	Peak	L	Pass
6**	14.084	23.49	11.14	50.00	26.51	AV	L	Pass

A.2.4 AC ports - N Phase

CE Test case_FCC_CE_FCC PART 15B_Class B



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.176	36.03	10.15	64.67	28.64	Peak	N	Pass
1**	0.176	22.89	10.15	54.67	31.78	AV	N	Pass
2	0.568	45.98	10.19	56.00	10.02	Peak	N	Pass
2**	0.568	27.82	10.19	46.00	18.18	AV	N	Pass
3	0.798	38.32	10.23	56.00	17.68	Peak	N	Pass
3**	0.798	23.89	10.23	46.00	22.11	AV	N	Pass
4	1.722	38.34	10.24	56.00	17.66	Peak	N	Pass
4**	1.722	22.53	10.24	46.00	23.47	AV	N	Pass
5	3.048	38.46	10.31	56.00	17.54	Peak	N	Pass
5**	3.048	22.89	10.31	46.00	23.11	AV	N	Pass
6	12.662	38.37	11.04	60.00	21.63	Peak	N	Pass
6**	12.662	27.58	11.04	50.00	22.42	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	V19.618	/		☒

ANNEX B TEST SETUP PHOTOS

Please refer the document “Ti-CC26030103-AE.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “Ti-CC26030103-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “Ti-CC26030103-AI.PDF”.

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--END OF REPORT--