

TEST REPORT

Applicant: Anker Innovations Limited
Address: Unit 56, 8th Floor, Tower 2, Admiralty Centre, 18
Harcourt Road, Hong Kong
Equipment Type: Anker soundcore Space 2 Pro
Model Name: D1406
Brand Name: Anker、Anker soundcore、soundcore
FCC ID: 2AOKB-D1406
Test Standard: 47 CFR Part 15 Subpart B
ANSI C63.4-2014
Sample Arrival Date: Jul. 09, 2026
Test Date: Jul. 09, 2026 - Jul. 11, 2026
Date of Issue: Jul. 27, 2026

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

**Tested by:** Gu Shuaizhen**Checked by:** Zong Liyao**Approved by:** Liao Jianming
(Technical Director)

Gu shuai zhen.

Zong Liyao

Jm Liao

Revision History

Version	Issue Date	Revisions
<u>Rev. 01</u>	<u>Jul. 27, 2026</u>	<u>Initial Issue</u>

TABLE OF CONTENTS

1	GENERAL INFORMATION.....	3
1.1	Test Laboratory	3
1.2	Test Location	3
2	PRODUCT INFORMATION	4
2.1	Applicant Information	4
2.2	Manufacturer Information.....	4
2.3	General Description for Equipment under Test (EUT).....	4
2.4	Ancillary Equipment.....	4
2.5	Technical Information	4
3	SUMMARY OF TEST RESULTS	5
3.1	Test Standards	5
3.2	Verdict.....	5
3.3	Test Uncertainty	5
4	GENERAL TEST CONFIGURATIONS	6
4.1	Test Enclosure List.....	6
4.2	Test Configurations	6
4.3	Test Setups	7
5	TEST ITEMS	9
5.1	Emission Tests	9
ANNEX A	TEST RESULTS	14
A.1	Radiated Emission.....	14
A.2	Conducted Emission, AC Ports.....	20
ANNEX B	TEST SETUP PHOTOS	23
ANNEX C	EUT EXTERNAL PHOTOS.....	23
ANNEX D	EUT INTERNAL PHOTOS.....	23

1 GENERAL INFORMATION

1.1 Test Laboratory

Name	Shenzhen BALUN Technology Co., Ltd.
Address	601, Building 2, Intelligent Connected Vehicle Industrial Park, No.55, Xiangshan Road, Luotian Community, Yanluo Sub-district, Bao'an District, Shenzhen
Phone Number	+86 755 6685 0100

1.2 Test Location

Name	Shenzhen BALUN Technology Co., Ltd.
Location	☐ Building 2, Intelligent Connected Vehicle Industrial Park, No.55, Xiangshan Road, Luotian Community, Yanluo Sub-district, Bao'an District, Shenzhen, Guangdong
	☒ 1/F., Building B, Ganghongji High-Tech Intelligent Industrial Park, No.1008, Songbai Road, Yangguang Community, Xili Subdistrict, Nanshan District, Shenzhen, Guangdong
Accreditation Certificate	The laboratory is a testing organization accredited by FCC as a accredited testing laboratory. The designation number is CN1196. The certification body is American Association for Laboratory Accreditation (A2LA).

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	Anker Innovations Limited
Address	Unit 56, 8th Floor, Tower 2, Admiralty Centre, 18 Harcourt Road, Hong Kong

2.2 Manufacturer Information

Manufacturer	Anker Innovations Limited
Address	Unit 56, 8th Floor, Tower 2, Admiralty Centre, 18 Harcourt Road, Hong Kong

2.3 General Description for Equipment under Test (EUT)

EUT Name	Anker soundcore Space 2 Pro
Model Name Under Test	D1406
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	E2_V1.2
Software Version	V1.25
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.4 Ancillary Equipment

Ancillary Equipment 1	Rechargeable Lithium-ion Battery	
	Model No.	M391840-B03/350mAh
	Serial No.	N/A
	Capacity	350mAh
	Rated Voltage	3.85V
	Limit Charge Voltage	4.4V
Ancillary Equipment 2	Audio Cable	
Ancillary Equipment 3	USB Cable	

2.5 Technical Information

Network and Wireless connectivity	Bluetooth (BR+EDR+BLE)
Classification of equipment	Class B
The highest internal frequency of EUT	2480MHz

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

No.	Identity	Document Title
1	47 CFR Part 15 Subpart B	Unintentional Radiators
2	ANSI C63.4-2014	American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz

3.2 Verdict

No.	Description	FCC Rule	Test Verdict	Remark
1	Radiated Emission	15.109	Pass	--
2	Conducted Emission, AC Ports	15.107	Pass	--

3.3 Test Uncertainty

The following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$.

Measurement	Value
Conducted emissions (9 kHz-150 KHz)-AMN	3.36 dB
Conducted emissions (150 kHz-30 MHz)-AMN	2.92 dB
Radiated emissions (30 MHz-1 GHz)	4.24 dB
Radiated emissions (1 GHz-6 GHz)	5.10 dB
Radiated emissions (6 GHz-18 GHz)	5.30 dB

4 GENERAL TEST CONFIGURATIONS

4.1 Test Enclosure List

Description	Manufacturer	Model	Serial No.	Length	Description	Use
Laptop	N/A	N/A	N/A	N/A	N/A	☒
Phone	Honor	V20	N/A	N/A	N/A	☒
Adapter	VIVO	N/A	N/A	N/A	N/A	☒

4.2 Test Configurations

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

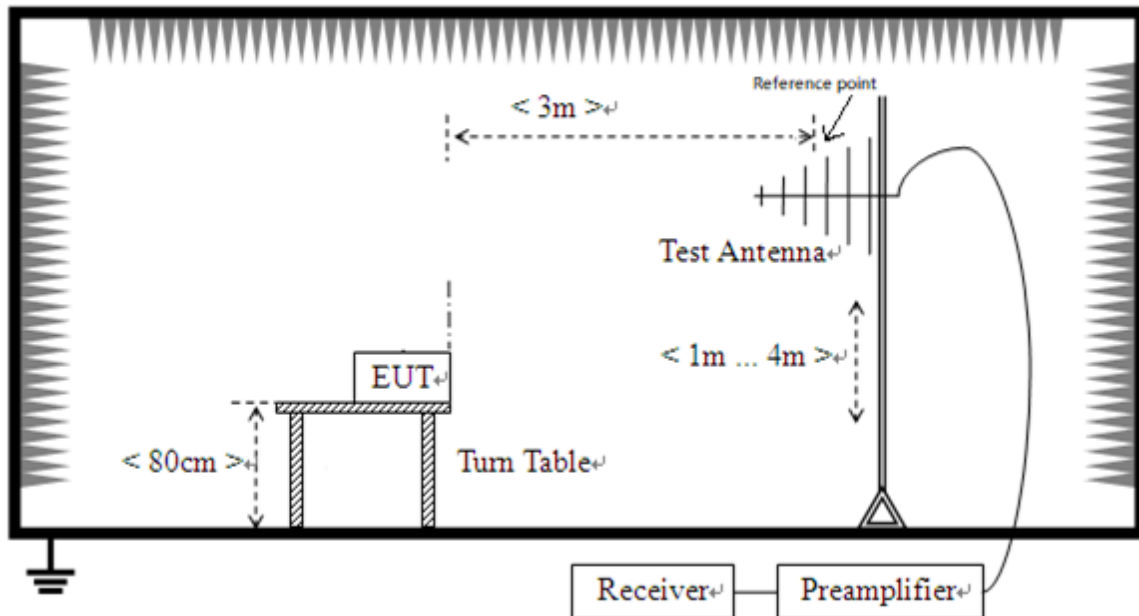
Test Mode Configuration	Description
Mode 1	<u>The Video Play Test Mode</u> EUT + Adapter + USB Cable + Battery + BT LINK
Mode 2	<u>The Charging Test Mode</u> EUT + Adapter + USB Cable + Battery
Mode 3	<u>The Video Play test mode (3.5mm audio cable)</u> EUT +Phone + BT LINK +3.5mm audio cable
Mode 4	<u>The Only EUT Test Mode</u> EUT + Battery + BT LINK

Test Case	Test Mode Configuration	Worst Mode
Radiated Emission	Mode 1~Mode 4	1
Conducted Emission, AC Ports	Mode 1~Mode 2	1

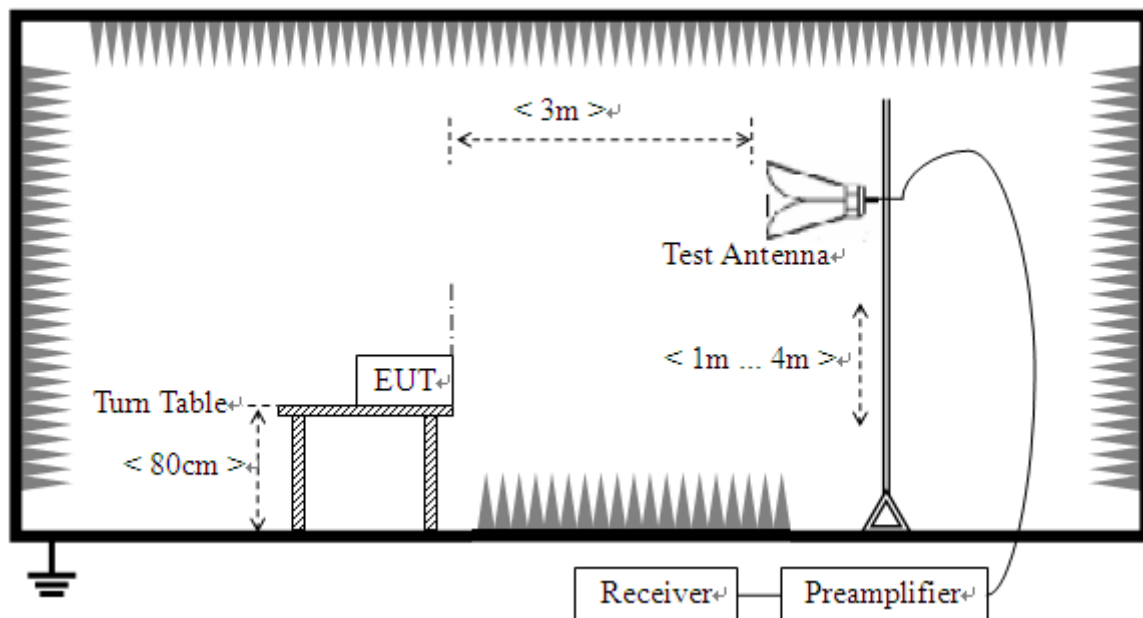
Note: All operation modes were tested, but only test data of the worst mode was presented in this report.

4.3 Test Setups

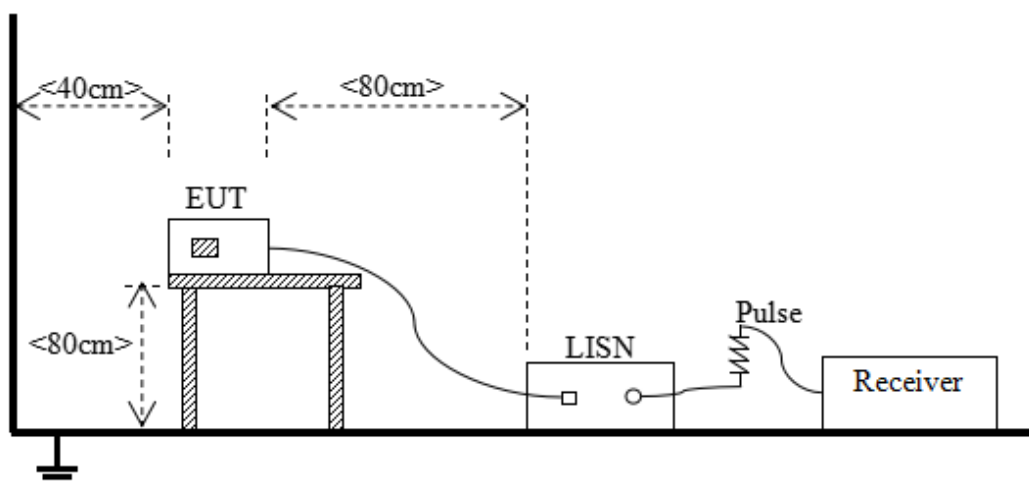
Test Setup 1



Radiated Emission (30 MHz-1 GHz)



Radiated Emission (above 1 GHz)

Test Setup 2

Conducted Emissions, AC Ports

5 TEST ITEMS

5.1 Emission Tests

5.1.1 Radiated Emission

5.1.1.1 Limit

Frequency range (MHz)	Class B (at 3 m)		Class A (at 3 m)
	Field Strength ($\mu\text{V/m}$)	Field Strength (dB $\mu\text{V/m}$)	Field Strength (dB $\mu\text{V/m}$)
30 - 88	100	40	49.5
88 - 216	150	43.5	54
216 - 960	200	46	56.9
Above 960	500	54	60
NOTE:			
1) Field Strength (dB $\mu\text{V/m}$) = $20 \cdot \log [\text{Field Strength } (\mu\text{V/m})]$.			
2) In the emission tables above, the tighter limit applies at the band edges.			
3) For 30 MHz to 1000 MHz, the CISPR quasi-peak is employed.			

For above 1000 MHz, according to the requirements of FCC 15.35, unless otherwise specified, the limit on peak radio frequency emissions is 20 dB above the maximum permitted average emission limit applicable to the equipment under test.

Frequency range (GHz)	Class B (at 3 m)			Class A (at 3 m)	
	Field Strength ($\mu\text{V/m}$)	Field Strength Average (dB $\mu\text{V/m}$)	Field Strength Peak (dB $\mu\text{V/m}$)	Field Strength Average (dB $\mu\text{V/m}$)	Field Strength Peak (dB $\mu\text{V/m}$)
1 - F_M	500	54	74	60	80
Note 1: The highest measurement frequency, F_M , in GHz, shall be determined as next Table.					
Note 2: Average Class A limit at 3m L_{3m} is determined by the following conversion formula:					
$L_{3m} = L_{10m} + 20 \cdot \log(d_{10m}/d_{3m})$					
Where:					
L_{3m} is Average Class A limit at 3m;					
L_{10m} is Average Class A limit at 10m;					
d_{10m} is Measurement distance in 10m;					
d_{3m} is Measurement distance in 3m.					
For this case: $L_{3m} = 49.5 + 20 \cdot \log(10/3) = 60$ (dB $\mu\text{V/m}$).					

Highest internal frequency (F_X)	Highest measurement frequency (F_M)
$F_X \leq 108 \text{ MHz}$	1 GHz
$108 \text{ MHz} \leq F_X \leq 500 \text{ MHz}$	2 GHz
$500 \text{ MHz} \leq F_X \leq 1 \text{ GHz}$	5 GHz
$F_X \geq 1 \text{ GHz}$	$5 * F_X$ or 40 GHz, whichever is lower.
Note: F_X is Highest frequency generated or used in the device or on which the device operates or tunes.	

5.1.1.2 Test Setup

Refer to 4.3 section (test setup 1) for radiated emission test, the photo of test setup please refer to ANNEX B.

5.1.1.3 Test Procedure

All Radiated Emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.

An initial pre-scan was performed in the chamber using the EMI Receiver in peak detection mode. Quasi-peak measurements were conducted based on the peak sweep graph. The EUT was measured by Bi-Log antenna with 2 orthogonal polarities.

The measurement frequency range is from 30 MHz to the 5th harmonic of the maximum frequency of the EUT internal source. The Turn Table is actuated to turn from 0° to 360° , and both horizontal and vertical polarizations of the Test Antenna are used to find the maximum radiated power. Mid channels on all channel bandwidth verified. Only the worst RB size/offset presented.

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured

RBW = 1 MHz for $f \geq 1 \text{ GHz}$, 100 kHz for $f < 1 \text{ GHz}$

VBW $\geq$ RBW

Sweep = auto

Detector function = peak for $f < 1 \text{ GHz}$, peak & RMS Average for $f \geq 1 \text{ GHz}$

Trace = max hold

5.1.1.4 Test Result and Test Equipment List

Please refer to ANNEX A.1.

NOTE:

1. Results (dB μ V/m) = Reading (dB μ V) + Factor (dB/m)

The reading level is calculated by software which is not shown in the sheet

2. Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB) – Amplifier Gain (dB)

3. Margin = Limit - Results

5.1.2 Conducted Emission, AC Ports

5.1.2.1 Test Limit

Frequency range (MHz)	Class A	
	Quasi-peak (dB μ V)	Average (dB μ V)
0.15 - 0.50	79	66
0.50 - 30	73	60

Frequency range (MHz)	Class B	
	Quasi-peak (dB μ V)	Average (dB μ V)
0.15 - 0.50	66 to 56	56 to 46
0.50 - 5	56	46
5 - 30	60	50

NOTE:

- 1) The lower limit shall apply at the band edges.
- 2) The limit decreases linearly with the logarithm of the frequency in the range 0.15 - 0.50 MHz.

5.1.2.2 Test Setup

Refer to 4.3 section test (test setup 2) for conducted emission, the photo of test setup please refer to ANNEX B.

5.1.2.3 Test Procedure

The EUT is connected to the power mains through a LISN which provides 50 Ω /50 μ H of coupling impedance for the measuring instrument. The test frequency range is from 150 kHz to 30 MHz. The maximum conducted interference is searched using Peak (PK), Quasi-peak (QP) and Average (AV) detectors; the emission levels that are more than the AV and QP limits, and that have narrow margins from the AV and QP limits will be re-measured with AV and QP detectors. Tests for both L phase and N phase lines of the power mains connected to the EUT are performed.

Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 50/60 Hz and 240 VAC, 50/60 Hz) for which the device is capable of operation. A device rated for 50/60 Hz operation need not be tested at both frequencies provided the radiated and line conducted emissions are the same at both frequencies.

Use the following spectrum analyzer settings:

RBW = 9 kHz

VBW $\geq$ RBW

Sweep = 10ms

Detector function = peak & Average

Trace = max hold

5.1.2.4 Test Result and Test Equipment List

Please refer to ANNEX A.2.

NOTE:

1. Results (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

A.1 Radiated Emission

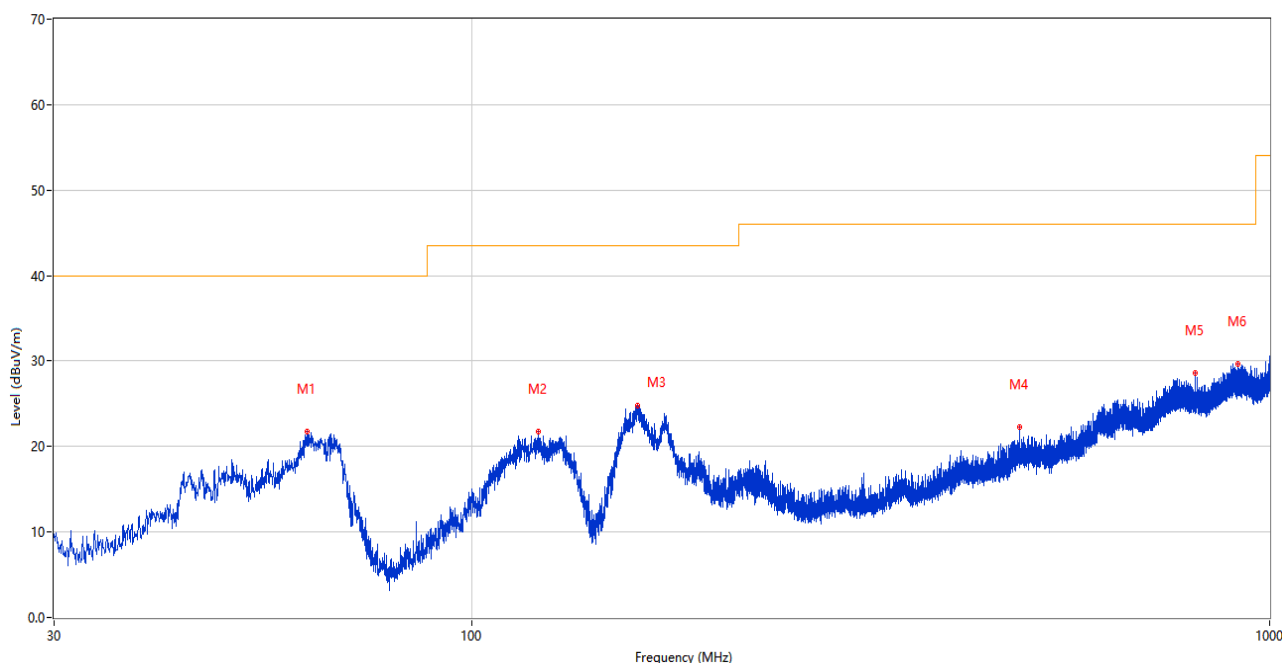
Note 1: The symbol of "--" in the table which means not application.

Note 2: For the test data above 1 GHz, according the ANSI C63.4-2014, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

Sample No.	S32	Temperature	22.3℃
Humidity	52%RH	Pressure	100.0kPa
Test Engineer	Tang Xuming	Test Date	2026.07.10

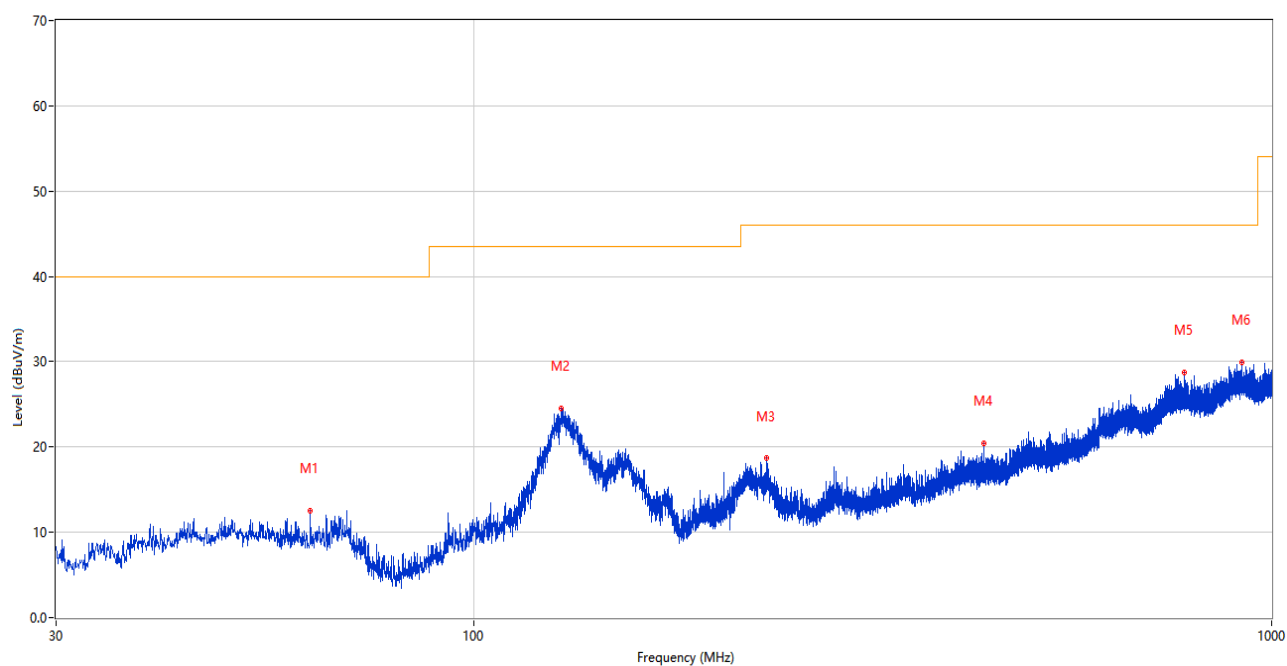
Test Mode 1

1) Test Antenna Vertical, 30 MHz – 1 GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	62.204	21.80	-26.56	40.0	18.20	Peak	75.00	100	Vertical	Pass
2	121.277	21.76	-28.56	43.5	21.74	Peak	178.00	100	Vertical	Pass
3	161.435	24.77	-28.79	43.5	18.73	Peak	333.00	100	Vertical	Pass
4	486.385	22.23	-18.36	46.0	23.77	Peak	80.00	100	Vertical	Pass
5	806.242	28.57	-11.26	46.0	17.43	Peak	187.00	100	Vertical	Pass
6	911.972	29.65	-8.55	46.0	16.35	Peak	193.00	100	Vertical	Pass

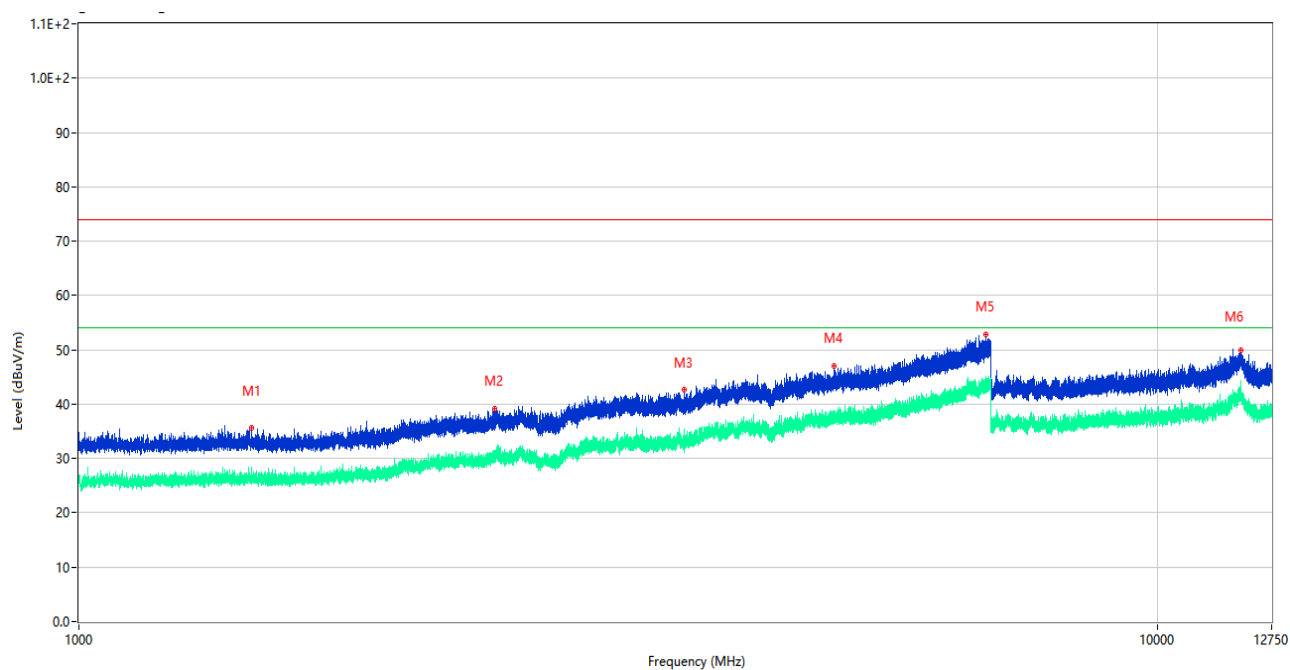
2) Test Antenna Horizontal, 30 MHz – 1 GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	62.447	12.49	-26.63	40.0	27.51	Peak	320.00	100	Horizontal	Pass
2	128.891	24.56	-29.43	43.5	18.94	Peak	360.00	200	Horizontal	Pass
3	232.633	18.66	-25.16	46.0	27.34	Peak	223.00	100	Horizontal	Pass
4	435.897	20.40	-19.66	46.0	25.60	Peak	296.00	200	Horizontal	Pass
5	777.239	28.72	-11.21	46.0	17.28	Peak	320.00	100	Horizontal	Pass
6	916.532	29.88	-8.54	46.0	16.12	Peak	228.00	100	Horizontal	Pass

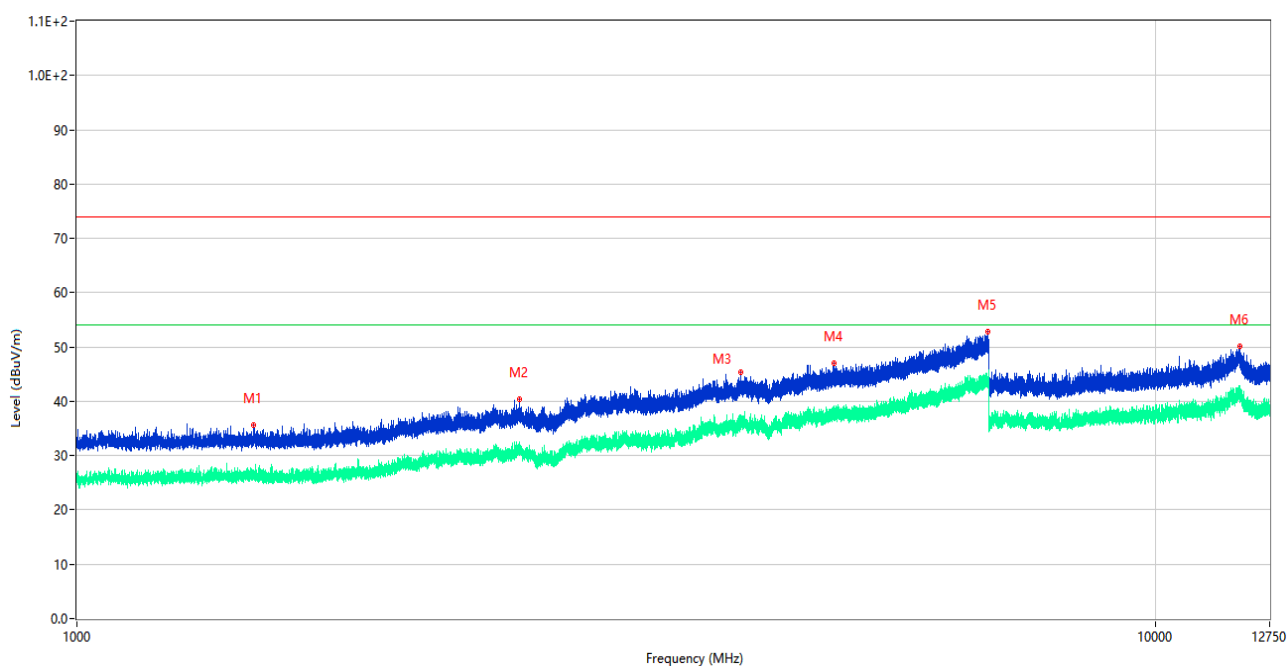
Equipment Information						
Equipment Name	Supplier	Model	Serial No.	Cal. Date	Cal. Due	Use
Frequency Below 1 GHz						
EMI Receiver	Keysight	N9038A	MY55330121	2025.12.26	2026.12.25	☒
Test Antenna-Bi-Log	SCHWARZB ECK	VULB 9163	01414	2023.11.03	2026.11.02	☒
Anechoic Chamber	EMC Electronic Co., Ltd	C8-966	107	2024.05.12	2027.05.11	☒
Description	Supplier	Name	Version	/		Use
Test Software	BALUN	BL410-E	V22.4 en	/		☒

3) Test Antenna Vertical, 1 GHz – 12.75 GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1446.420	35.64	-17.84	74.0	38.36	Peak	203.00	100	Vertical	Pass
1**	1446.420	26.79	-17.84	54.0	27.21	AV	203.00	100	Vertical	Pass
2	2430.000	39.20	-13.45	74.0	34.80	Peak	-1.00	100	Vertical	Pass
2**	2430.000	29.69	-13.45	54.0	24.31	AV	-1.00	100	Vertical	Pass
3	3642.160	42.72	-7.98	74.0	31.28	Peak	228.00	100	Vertical	Pass
3**	3642.160	33.54	-7.98	54.0	20.46	AV	228.00	100	Vertical	Pass
4	5012.700	47.00	-4.14	74.0	27.00	Peak	337.00	100	Vertical	Pass
4**	5012.700	38.20	-4.14	54.0	15.80	AV	337.00	100	Vertical	Pass
5	6921.970	52.90	0.70	74.0	21.10	Peak	6.00	100	Vertical	Pass
5**	6921.970	43.68	0.70	54.0	10.32	AV	6.00	100	Vertical	Pass
6	11931.201	49.96	6.08	74.0	24.04	Peak	84.00	100	Vertical	Pass
6**	11931.201	41.51	6.08	54.0	12.49	AV	84.00	100	Vertical	Pass

4) Test Antenna Horizontal, 1 GHz – 12.75 GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1456.820	35.68	-17.88	74.0	38.32	Peak	322.00	100	Horizontal	Pass
1**	1456.820	26.15	-17.88	54.0	27.85	AV	322.00	100	Horizontal	Pass
2	2569.100	40.47	-12.29	74.0	33.53	Peak	213.00	100	Horizontal	Pass
2**	2569.100	30.67	-12.29	54.0	23.33	AV	213.00	100	Horizontal	Pass
3	4124.960	45.44	-5.62	74.0	28.56	Peak	69.00	100	Horizontal	Pass
3**	4124.960	36.84	-5.62	54.0	17.16	AV	69.00	100	Horizontal	Pass
4	5030.040	46.97	-4.17	74.0	27.03	Peak	264.00	100	Horizontal	Pass
4**	5030.040	36.58	-4.17	54.0	17.42	AV	264.00	100	Horizontal	Pass
5	6980.450	52.78	0.79	74.0	21.22	Peak	69.00	100	Horizontal	Pass
5**	6980.450	44.02	0.79	54.0	9.98	AV	69.00	100	Horizontal	Pass
6	11963.112	50.05	6.15	74.0	23.95	Peak	329.00	100	Horizontal	Pass
6**	11963.112	40.81	6.15	54.0	13.19	AV	329.00	100	Horizontal	Pass

Equipment Information						
Equipment Name	Supplier	Model	Serial No.	Cal. Date	Cal. Due	Use
Frequency Above 1 GHz						
EMI Receiver	Keysight	N9038A	MY55330121	2025.12.26	2026.12.25	☒
Test Antenna-Horn	SCHWARZB ECK	BBHA 9120D	02459	2023.10.26	2026.10.25	☒
Anechoic Chamber	EMC Electronic Co., Ltd	C8-966	107	2024.05.12	2027.05.11	☒
Description	Supplier	Name	Version	/		Use
Test Software	BALUN	BL410-E	V22.4 en	/		☒

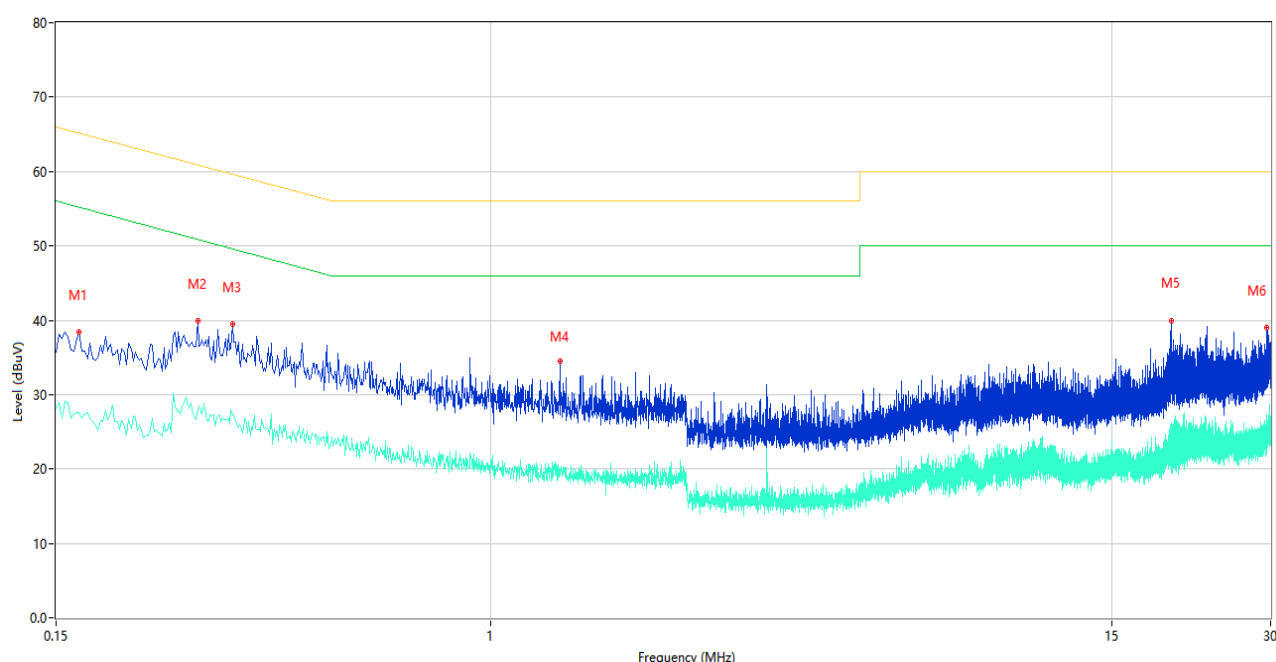
A.2 Conducted Emission, AC Ports

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

Sample No.	S32	Temperature	21.2℃
Humidity	58%RH	Pressure	100.0kPa
Test Engineer	Yu Jiahao	Test Date	2026.07.10

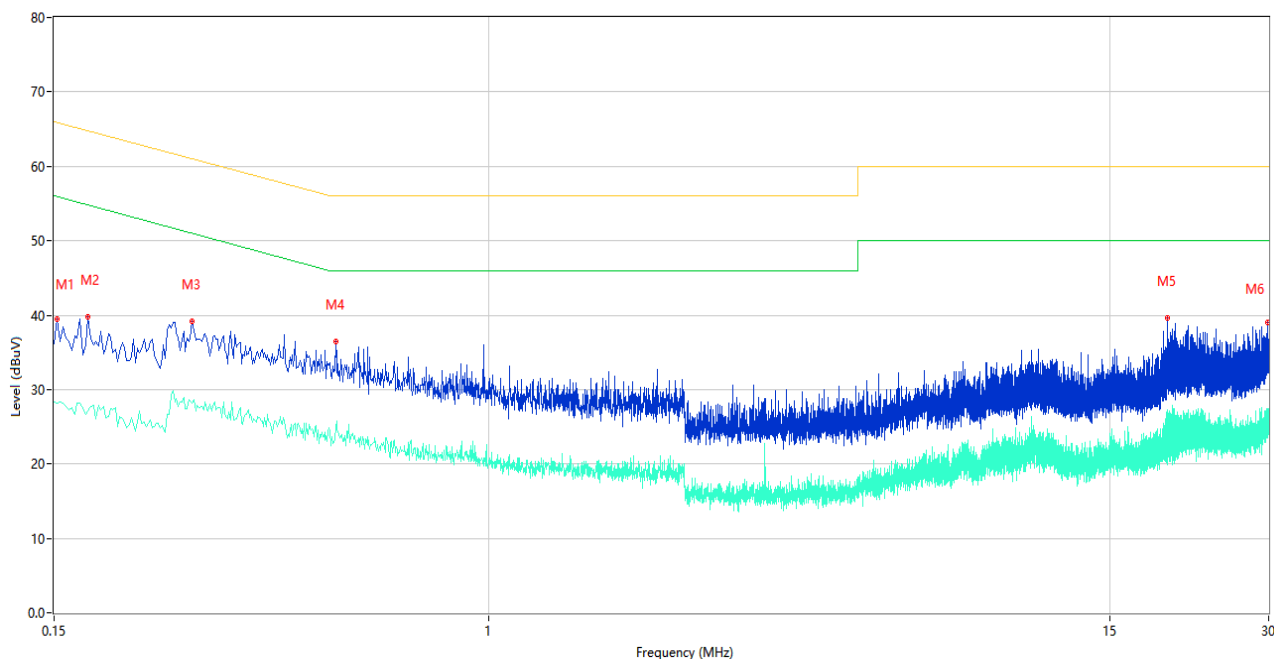
Test Mode 1

1) AC Ports - L Phase



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.166	38.42	10.23	65.16	26.74	Peak	L	Pass
1**	0.166	27.53	10.23	55.16	27.63	AV	L	Pass
2	0.278	39.87	10.23	60.88	21.01	Peak	L	Pass
2**	0.278	28.07	10.23	50.88	22.81	AV	L	Pass
3	0.324	39.46	10.24	59.60	20.14	Peak	L	Pass
3**	0.324	27.20	10.24	49.60	22.40	AV	L	Pass
4	1.350	34.43	10.36	56.00	21.57	Peak	L	Pass
4**	1.350	20.10	10.36	46.00	25.90	AV	L	Pass
5	19.466	39.97	14.94	60.00	20.03	Peak	L	Pass
5**	19.466	26.27	14.94	50.00	23.73	AV	L	Pass
6	29.528	39.05	16.57	60.00	20.95	Peak	L	Pass
6**	29.528	24.78	16.57	50.00	25.22	AV	L	Pass

2) AC Ports - N Phase



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.152	39.49	10.23	65.89	26.40	Peak	N	Pass
1**	0.152	28.14	10.23	55.89	27.75	AV	N	Pass
2	0.174	39.73	10.22	64.77	25.04	Peak	N	Pass
2**	0.174	27.14	10.22	54.77	27.63	AV	N	Pass
3	0.274	39.13	10.22	61.00	21.87	Peak	N	Pass
3**	0.274	28.10	10.22	51.00	22.90	AV	N	Pass
4	0.512	36.49	10.23	56.00	19.51	Peak	N	Pass
4**	0.512	24.95	10.23	46.00	21.05	AV	N	Pass
5	19.278	39.64	14.98	60.00	20.36	Peak	N	Pass
5**	19.278	27.26	14.98	50.00	22.74	AV	N	Pass
6	29.894	38.99	16.71	60.00	21.01	Peak	N	Pass
6**	29.894	25.61	16.71	50.00	24.39	AV	N	Pass

Equipment Information						
Equipment Name	Supplier	Model	Serial No.	Cal. Date	Cal. Due	Use
EMI Receiver	KEYSIGHT	N9038B	MY61380132	2025.12.26	2026.12.25	☒
LISN	SCHWARZBECK	NSLK 8127	01009	2025.07.15	2026.07.14	☒
Shielded Room	YiHeng Electronic Co., Ltd	/	235	2024.11.05	2027.11.04	☒
Description	Supplier	Name	Version	/		Use
Test Software	BALUN	BL410-E	V22.4 en	/		☒

ANNEX B TEST SETUP PHOTOS

Please refer the document “Ti-CC26060345-AE-1.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “Ti-CC26060345-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “Ti-CC26060345-AI.PDF”.

Statement

1. The laboratory 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. The report without China inspection body and laboratory Mandatory Approval (CMA) mark has no effect of proving to the society.
3. For the report with CNAS mark or A2LA mark, the items marked with "☆" are not within the accredited scope.
4. This report is invalid if it is altered, without the signature of the testing and approval personnel, or without the "inspection and testing dedicated stamp" or test report stamp.
5. The test data and results are only valid for the tested samples provided by the customer.
6. This report shall not be partially reproduced without the written permission of the laboratory.
7. Any objection shall be raised to the laboratory within 30 days after receiving the report.

--END OF REPORT--