



TEST REPORT

Applicant: Hanshow Technology Co., Ltd.
Address: Building 1(1F podium building and 4F), and Building 5(7F), Jiaxing Photovolta High-tech Park, No.1288, Kanghe Rd, Xiuzhou District, Jiaxing City, Zhejiang P.R. China
Equipment Type: Electronic Shelf Label
Model Name: Nebular Plus-260WQ-N
Brand Name: N/A
FCC ID: 2AYMH-NP-260W
Test Standard: 47 CFR Part 15 Subpart C (refer to section 3.1)
Sample Arrival Date: Dec. 29, 2025
Test Date: Jan. 04, 2026 - Jan. 21, 2026
Date of Issue: Jan. 30, 2026

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

Tested by: Yang Wenxuan



Checked by: Ye Hongji



Approved by: Tolan Tu
(Testing Director)



Revision History

Version	Issue Date	Revisions
<u>Rev. 01</u>	<u>Jan. 30, 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	Technical Information	6
3	SUMMARY OF TEST RESULTS	8
3.1	Test Standards	8
3.2	Test Verdict	8
4	GENERAL TEST CONFIGURATIONS	9
4.1	Test Environments	9
4.2	Test Equipment List	9
4.3	Measurement Uncertainty	10
4.4	Description of Test Setup	10
5	TEST ITEMS	13
5.1	Antenna Requirements	13
5.2	20 dB and 99% Bandwidth	14
5.3	AC Conducted Emission	15
5.4	Radiated Spurious Emission	16
5.5	Band Edge (Restricted-band band-edge)	18
ANNEX A	TEST RESULT	19
A.1	20 dB and 99% Bandwidth	19

A.2	AC Conducted Emissions.....	21
A.3	Radiated Emission	22
A.4	Band Edge (Restricted-band band-edge).....	28
ANNEX B	TEST SETUP PHOTOS	30
ANNEX C	EUT EXTERNAL PHOTOS	30
ANNEX D	EUT INTERNAL PHOTOS	30

1 GENERAL INFORMATION

1.1 Test Laboratory

Name	Shenzhen BALUN Technology Co., Ltd.
Address	Block B, 1/F, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
Phone Number	+86 755 6685 0100

1.2 Test Location

Name	Shenzhen BALUN Technology Co., Ltd.
Location	☐ Block B, 1/F, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
	☒ 1/F, Building B, Ganghongji High-tech Intelligent Industrial Park, No. 1008, Songbai Road, Yangguang Community, Xili Sub-district, Nanshan District, Shenzhen, Guangdong Province, P. R. China
	☐ Building 2, Intelligent Connected Vehicle Industrial Park, No. 55, Xiangshan Road, Luotian Community, Yanluo Sub-district, Bao'an District, Shenzhen, Guangdong Province, China
Accreditation Certificate	The laboratory is a testing organization accredited by FCC as a accredited testing laboratory. The designation number is CN1196.

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	Hanshow Technology Co., Ltd.
Address	Building 1(1F podium building and 4F), and Building 5(7F), Jiaxing Photovolta High-tech Park, No.1288, Kanghe Rd, Xiuzhou District, Jiaxing City, Zhejiang P.R. China

2.2 Manufacturer Information

Manufacturer	Hanshow Technology Co., Ltd.
Address	Building 1(1F podium building and 4F), and Building 5(7F), Jiaxing Photovolta High-tech Park, No.1288, Kanghe Rd, Xiuzhou District, Jiaxing City, Zhejiang P.R. China

2.3 General Description for Equipment under Test (EUT)

EUT Name	Electronic Shelf Label
Model Name Under Test	Nebular Plus-260WQ-N
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	HSELCQ_02_60M_73
Software Version	N/A
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.4 Technical Information

Network and Wireless connectivity	2.4G ISM Band, NFC (Only RX)
-----------------------------------	------------------------------

The requirement for the following technical information of the EUT was tested in this report:

Modulation Technology	FHSS
Modulation Type	GFSK
Product Type	☐ Mobile ☒ Portable ☐ Fix Location
Transfer Rate	0.5 Mbps
Frequency Range	The frequency range used is 2400 MHz to 2483.5 MHz.
Number of Channel	160
Tested Channel	4 (2402.0 MHz), 82 (2441.0 MHz), 160 (2480.0 MHz)
Antenna Type	PCB Antenna
Antenna Gain	-1.1 dBi

All channel list:

Channel Number	Freq. (MHz)	Channel Number	Freq. (MHz)	Channel Number	Freq. (MHz)	Channel Number	Freq. (MHz)
4	2402.0	44	2422.0	84	2442.0	124	2462.0
5	2402.5	45	2422.5	85	2442.5	125	2462.5
6	2403.0	46	2423.0	86	2443.0	126	2463.0
7	2403.5	47	2423.5	87	2443.5	127	2463.5
8	2404.0	48	2424.0	88	2444.0	128	2464.0
9	2404.5	49	2424.5	89	2444.5	129	2464.5
10	2405.0	50	2425.0	90	2445.0	130	2465.0
11	2405.5	51	2425.5	91	2445.5	131	2465.5
12	2406.0	52	2426.0	92	2446.0	132	2466.0
13	2406.5	53	2426.5	93	2446.5	133	2466.5
14	2407.0	54	2427.0	94	2447.0	134	2467.0
15	2407.5	55	2427.5	95	2447.5	135	2467.5
16	2408.0	56	2428.0	96	2448.0	136	2468.0
17	2408.5	57	2428.5	97	2448.5	137	2468.5
18	2409.0	58	2429.0	98	2449.0	138	2469.0
19	2409.5	59	2429.5	99	2449.5	139	2469.5
20	2410.0	60	2430.0	100	2450.0	140	2470.0
21	2410.5	61	2430.5	101	2450.5	141	2470.5
22	2411.0	62	2431.0	102	2451.0	142	2471.0
23	2411.5	63	2431.5	103	2451.5	143	2471.5
24	2412.0	64	2432.0	104	2452.0	144	2472.0
25	2412.5	65	2432.5	105	2452.5	145	2472.5
26	2413.0	66	2433.0	106	2453.0	146	2473.0
27	2413.5	67	2433.5	107	2453.5	147	2473.5
28	2414.0	68	2434.0	108	2454.0	148	2474.0
29	2414.5	69	2434.5	109	2454.5	149	2474.5
30	2415.0	70	2435.0	110	2455.0	150	2475.0
31	2415.5	71	2435.5	111	2455.5	151	2475.5
32	2416.0	72	2436.0	112	2456.0	152	2476.0
33	2416.5	73	2436.5	113	2456.5	153	2476.5
34	2417.0	74	2437.0	114	2457.0	154	2477.0
35	2417.5	75	2437.5	115	2457.5	155	2477.5
36	2418.0	76	2438.0	116	2458.0	156	2478.0
37	2418.5	77	2438.5	117	2458.5	157	2478.5
38	2419.0	78	2439.0	118	2459.0	158	2479.0
39	2419.5	79	2439.5	119	2459.5	159	2479.5
40	2420.0	80	2440.0	120	2460.0	160	2480.0
41	2420.5	81	2440.5	121	2460.5	161	2480.5
42	2421.0	82	2441.0	122	2461.0	162	2481.0
43	2421.5	83	2441.5	123	2461.5	163	2481.5

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

No.	Identity	Document Title
1	47 CFR Part 15, Subpart C	Miscellaneous Wireless Communications Services
2	ANSI C63.10-2020	American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices

3.2 Test Verdict

No.	Description	FCC Part No.	Test Result	Verdict	Remark
1	Antenna Requirement	15.203	--	Pass	Note ¹
2	20 dB and 99% Bandwidth	15.215(c)	ANNEX A.1	Pass	--
3	AC Conducted Emission	15.207	ANNEX A.2	N/A	Note ²
4	Radiated Spurious Emission	15.249(a)	ANNEX A.3	Pass	--
5	Band Edge(Restricted-band band-edge)	15.249(a)	ANNEX A.4	Pass	--

Note 1: The EUT has a permanently and irreplaceable attached antenna, which complies with the requirement FCC 15.203.

Note 2: The EUT only powered by battery, so the Conducted Emission test is not applicable.

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

During the measurement, the normal environmental conditions were within the listed ranges:

Relative Humidity	46% to 64%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+20.7°C to +24.9°C
Working Voltage of the EUT	NV (Normal Voltage)	3 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	KEYSIGHT	N9020A	MY54420186	2025.05.21	2026.05.20
Power meter	R&S	NRP8S	101498	2025.07.07	2026.07.06
Test Antenna-Horn	A-INFO	LB-180400KF	J211060273	2024.06.15	2027.06.14
Test Antenna-Bi-Log	Schwarzbeck	VULB 9163	01414	2023.11.03	2026.11.02
Test Antenna-Horn	Schwarzbeck	BBHA 9120D	02459	2023.10.26	2026.10.25
Test Antenna-Loop	Schwarzbeck	FMZB 1513-60	00015	2024.05.07	2026.05.06
Anechoic Chamber	YIHENG	C8-966	N/A	2024.05.15	2027.05.11
EMI Receiver	Keysight	N9038A	MY55330121	2025.04.16	2026.04.15
Filtering unit	balun	SU319F	LW-SZ19D0001F01	N/A	N/A
Switching unit	BALUN	SU319	LW-SZ19D0001S01	N/A	N/A
EMI Receiver	keysight	N9038B	MY61380132	2025.04.01	2026.03.31
LISN	SCHWARZBECK MESS-ELEKTRONIK	NSLK8127	01009	2025.07.15	2026.07.14
Shielded Enclosure	YiHeng Electronic Co., Ltd	4.3m*2.9m*2.4m	235	2024.11.05	2027.11.04
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2025.06.16	2026.06.15
Test Antenna-Loop	SCHWARZBECK	FMZB 1519	1519-037	2024.01.23	2027.01.22
Amplifier	COM-MV	ZT30-1000M	B2018054558	2025.11.26	2026.11.25
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60*7.35m	130	2024.07.13	2027.07.12

4.3 Measurement 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 $k=2$.

Parameters	Uncertainty
Occupied Channel Bandwidth	2.8%
RF output power, conducted	1.28 dB
Power Spectral Density, conducted	1.30 dB
Unwanted Emissions, conducted	1.84 dB
All emissions, radiated	5.36 dB
Temperature	0.8°C
Humidity	4%

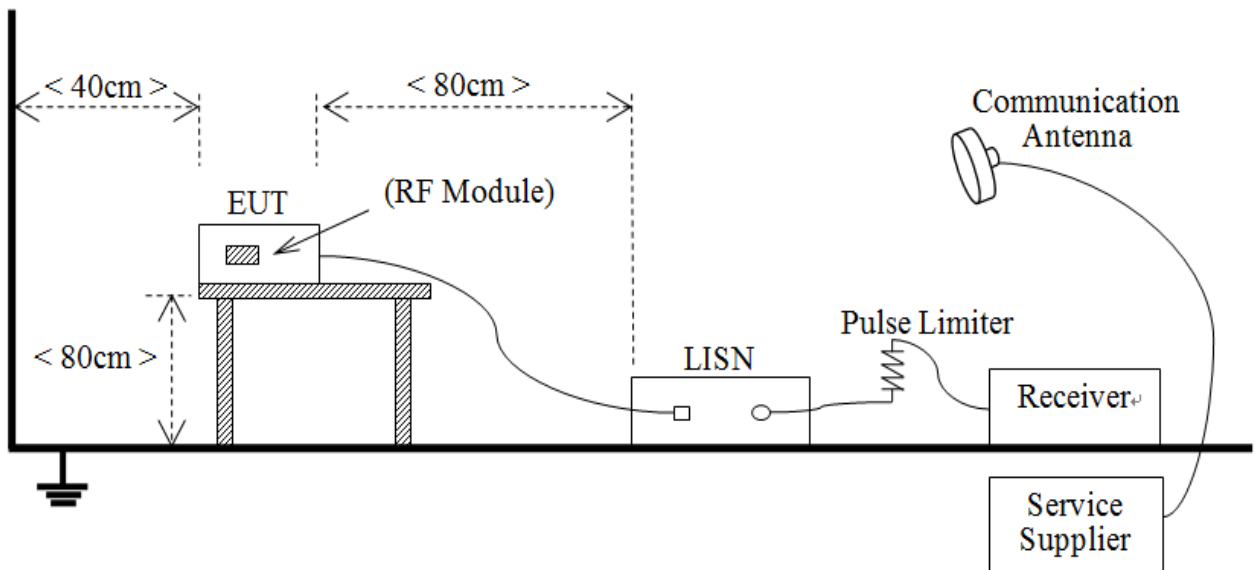
4.4 Description of Test Setup

4.4.1 For Antenna Port Test



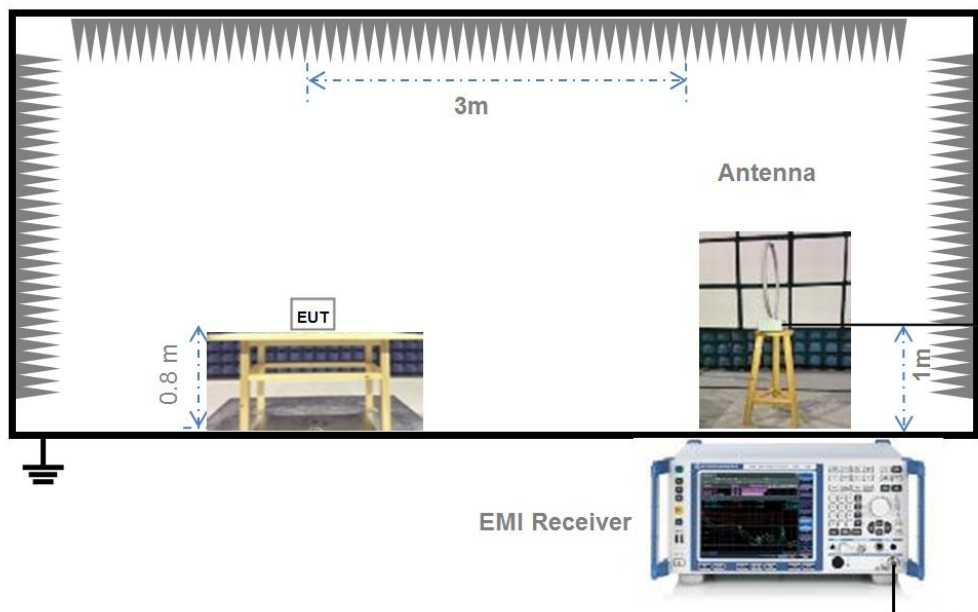
(Diagram 1)

4.4.2 For AC Power Supply Port Test



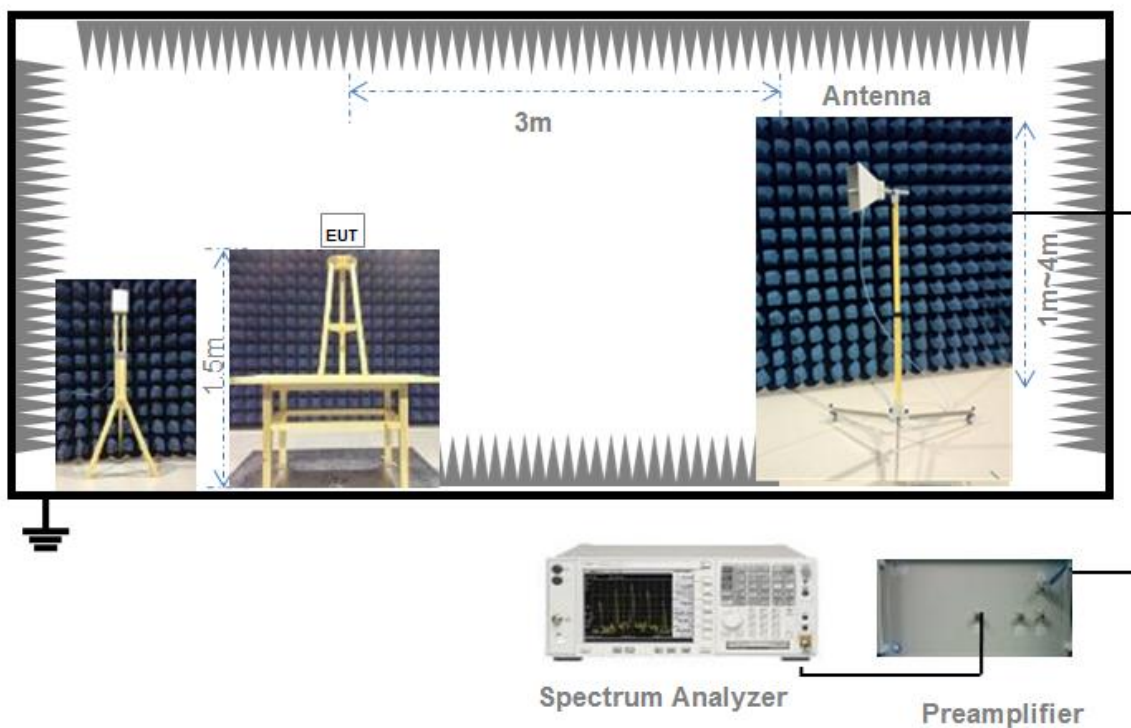
(Diagram 2)

4.4.3 For Radiated Test (Below 30 MHz)



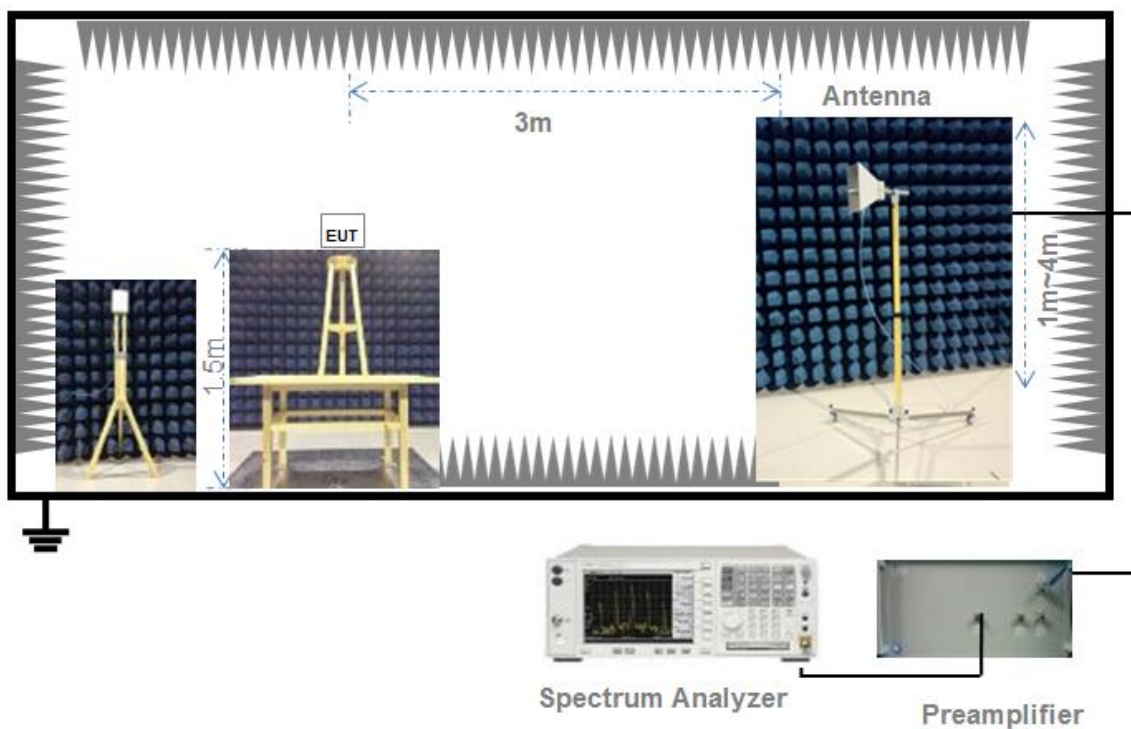
(Diagram 3)

4.4.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.4.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 Antenna Requirements

5.1.1 Relevant Standards

FCC §15.203 & 15.247(b)

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of § 15.211, § 15.213, § 15.217, § 15.219, or § 15.221. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with § 15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

If directional gain of transmitting antennas is greater than 6 dBi, the power shall be reduced by the same level in dB comparing to gain minus 6 dBi. For the fixed point-to-point operation, the power shall be reduced by one dB for every 3 dB that the directional gain of the antenna exceeds 6 dBi. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the FCC rule.

5.1.2 Antenna Anti-Replacement Construction

The Antenna Anti-Replacement as following method:

Protected Method	Description
The antenna is embedded in the product.	An embedded-in antenna design is used.

Reference Documents	Item
Photo	Please refer to the EUT Photo documents.

5.1.3 Antenna Gain

The antenna peak gain of EUT is less than 6 dBi. Therefore, it is not necessary to reduce maximum peak output power limit.

5.2 20 dB and 99% Bandwidth

5.2.1 Limit

FCC §15.215(c)

Intentional radiators operating under the alternative provisions to the general emission limits, as contained in § 15.217 through 15.257 and in Subpart E of this part, must be designed to ensure that the 20 dB bandwidth of the emission, or whatever bandwidth may otherwise be specified in the specific rule section under which the equipment operates, is contained within the frequency band designated in the rule section under which the equipment is operated.

5.2.2 Test Setups

See section 4.4.1 for test setup description for the antenna port. The photo of test setup please refer to ANNEX B.

5.2.3 Test Procedure

Use the following spectrum analyzer settings:

Span = approximately 2 to 3 times the 20 dB bandwidth, centered on a hopping channel

RBW $\geq$ 1% of the 20 dB bandwidth

VBW $\geq$ RBW

Sweep = auto

Detector function = peak

Trace = max hold

5.2.4 Test Result

Please refer to ANNEX A.1.

5.3 AC Conducted Emission

5.3.1 Limit

FCC §15.207

For an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency within the band 150 kHz to 30 MHz shall not exceed the limits in the following table, as measured using a 50 μ H/50 Ω line impedance stabilization network (LISN).

Frequency range (MHz)	Conducted Limit (dB μ V)	
	Quai-peak	Average
0.15 - 0.50	66 to 56	56 to 46
0.50 - 5	56	46
0.50 - 30	60	50

5.3.2 Test Setups

See section 4.4.1 for test setup description for the antenna port. The photo of test setup please refer to ANNEX B.

5.3.3 Test Procedure

The maximum conducted interference is searched using Peak (PK), if the emission levels 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.

5.3.4 Test Result

Please refer to ANNEX A.2.

5.4 Radiated Spurious Emission

5.4.1 Limit

FCC §15.249(a)

Except as provided in paragraph (a) of this section, the field strength of emissions from intentional radiators operated within these frequency bands shall comply with the following:

Frequency (MHz)	Field Strength of Fundamental (mV/m)	Field Strength of Harmonics (μV/m)
902-928	50	500
2400-2483.5	50	500
5725-5875	50	500

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in §15.209, whichever is the lesser attenuation.

According to FCC section 15.209 (a), except as provided elsewhere in this subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

Frequency (MHz)	Field Strength (μV/m)	Measurement Distance (m)
0.009 - 0.490	2400/F(kHz)	300
0.490 - 1.705	24000/F(kHz)	30
1.705 - 30.0	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

Note:

1. For Above 1000 MHz, the emission limit in this paragraph is based on measurement instrumentation employing an average detector, measurement using instrumentation with a peak detector function, corresponding to 20 dB above the maximum permitted average limit.
2. For above 1000 MHz, limit field strength of harmonics: 54dBuV/m@3m (AV) and 74dBuV/m@3m (PK).

5.4.2 Test Setups

See section 4.4.2-4.4.5 for test setup description for the antenna port. The photo of test setup please refer to ANNEX B.

5.4.3 Test Procedure

The measurement frequency range is from 9 kHz to the 10th harmonic of the fundamental frequency. 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. The power of the EUT transmitting frequency should be ignored.

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

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured

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

VBW $\geq$ RBW

Sweep = auto

Detector function = peak

Trace = max hold

5.4.4 Test Result

Please refer to ANNEX A.3.

5.5 Band Edge (Restricted-band band-edge)

5.5.1 Limit

FCC §15.249(a)

Radiated emission outside the frequency band attenuation below the general limits specified in FCC section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in FCC section 15.205(a), must also comply with the radiated emission limits specified in FCC section 15.209(a).

5.5.2 Test Setups

See section 4.4.3 to 4.4.5 for test setup description for the antenna port. The photo of test setup please refer to ANNEX B.

5.5.3 Test Procedure

The measurement frequency range is from 9 kHz to the 10th harmonic of the fundamental frequency. 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.

The power of the EUT transmitting frequency should be ignored.

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

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured

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

VBW $\geq$ RBW

Sweep = auto

Detector function = peak

Trace = max hold

For measurement below 1GHz, If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported, Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.

5.5.4 Test Result

Please refer to ANNEX A.4.

ANNEX A TEST RESULT

A.1 20 dB and 99% Bandwidth

Test Data

Frequency (MHz)	20 dB Bandwidth (MHz)	99% Bandwidth (MHz)
2402	0.884766	0.879812
2441	0.899902	0.831659
2480	0.869873	0.802508

Test Plots

20 dB Bandwidth

LOW CHANNEL



MIDDLE CHANNEL

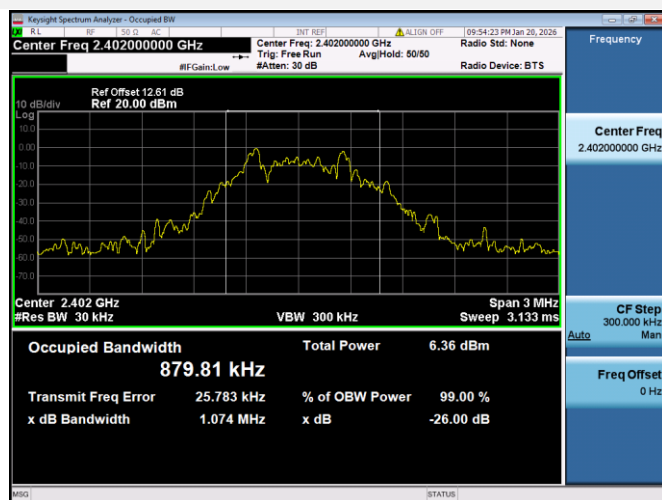


HIGH CHANNEL



99% Bandwidth

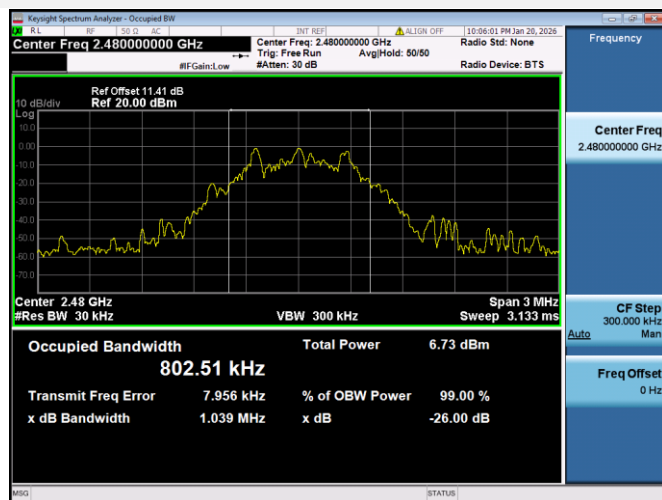
LOW CHANNEL



MIDDLE CHANNEL



HIGH CHANNEL



A.2 AC Conducted Emissions

Note: Not applicable.

A.3 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 C63.10-2020, 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.

Note ³: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

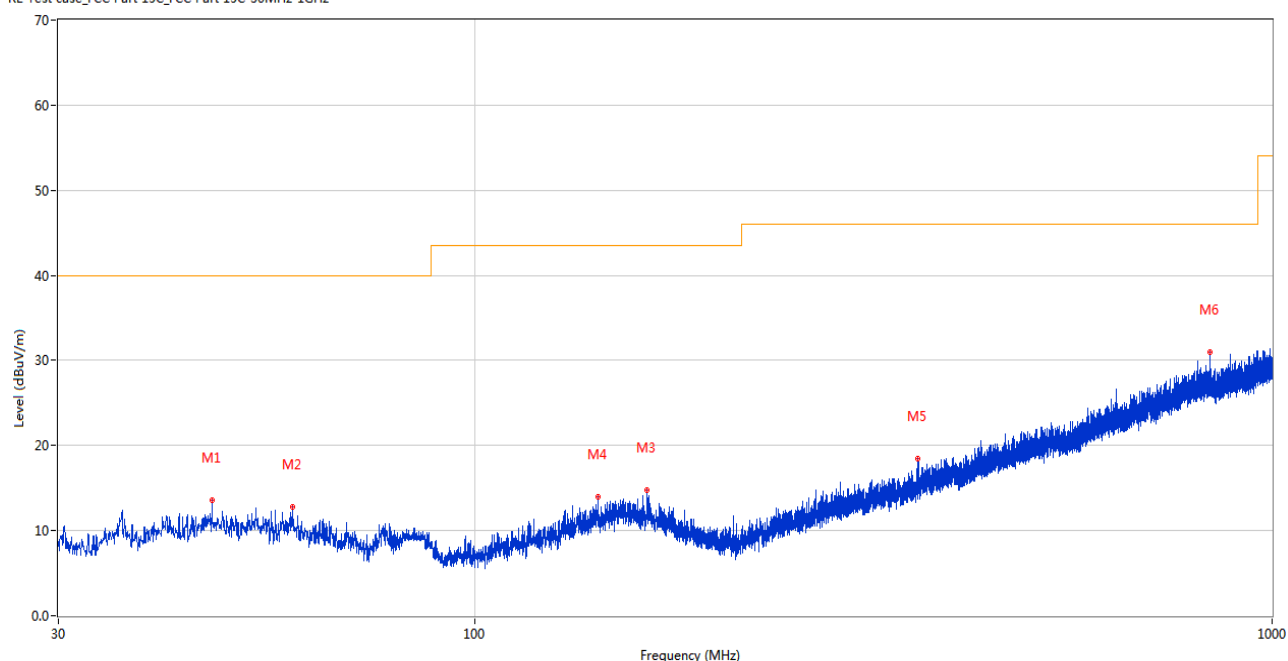
Note ⁴: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and normal link mode is worst.

Note ⁵: The center channel Average Results (dBuV/m) = Peak Results(dBuV/m) + Factor (dB); Duty cycle correction factor=20*log(Duty Cycle) (dB)

Test Data and Plots

30 MHz to 1 GHz, ANT H

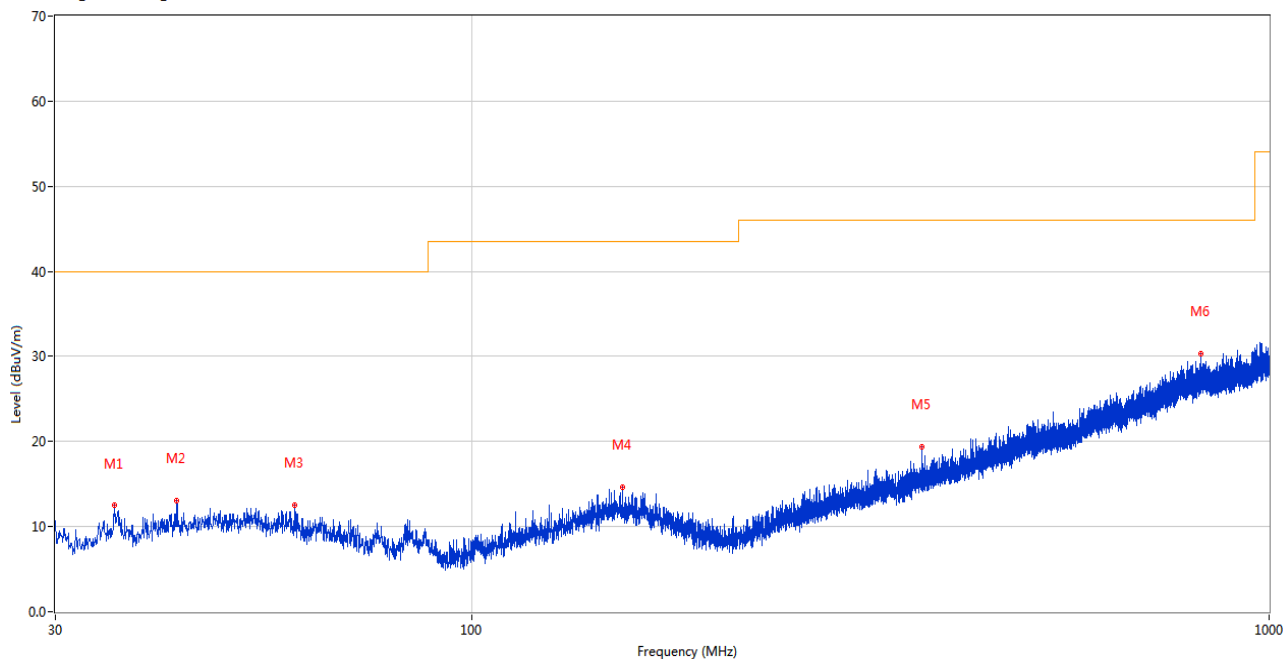
RE Test case_FCC Part 15C_FCC Part 15C-30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	46.781	13.63	-25.03	40.0	26.37	Peak	267.00	100	Horizontal	Pass
2	59.100	12.83	-25.63	40.0	27.17	Peak	109.00	100	Horizontal	Pass
3	164.151	14.75	-24.06	43.5	28.75	Peak	346.00	100	Horizontal	Pass
4	142.520	13.94	-24.65	43.5	29.56	Peak	30.00	100	Horizontal	Pass
5	358.733	18.44	-20.89	46.0	27.56	Peak	13.00	100	Horizontal	Pass
6	835.343	31.03	-9.89	46.0	14.97	Peak	311.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

RE Test case_FCC Part 15C_FCC Part 15C-30MHz-1GHz

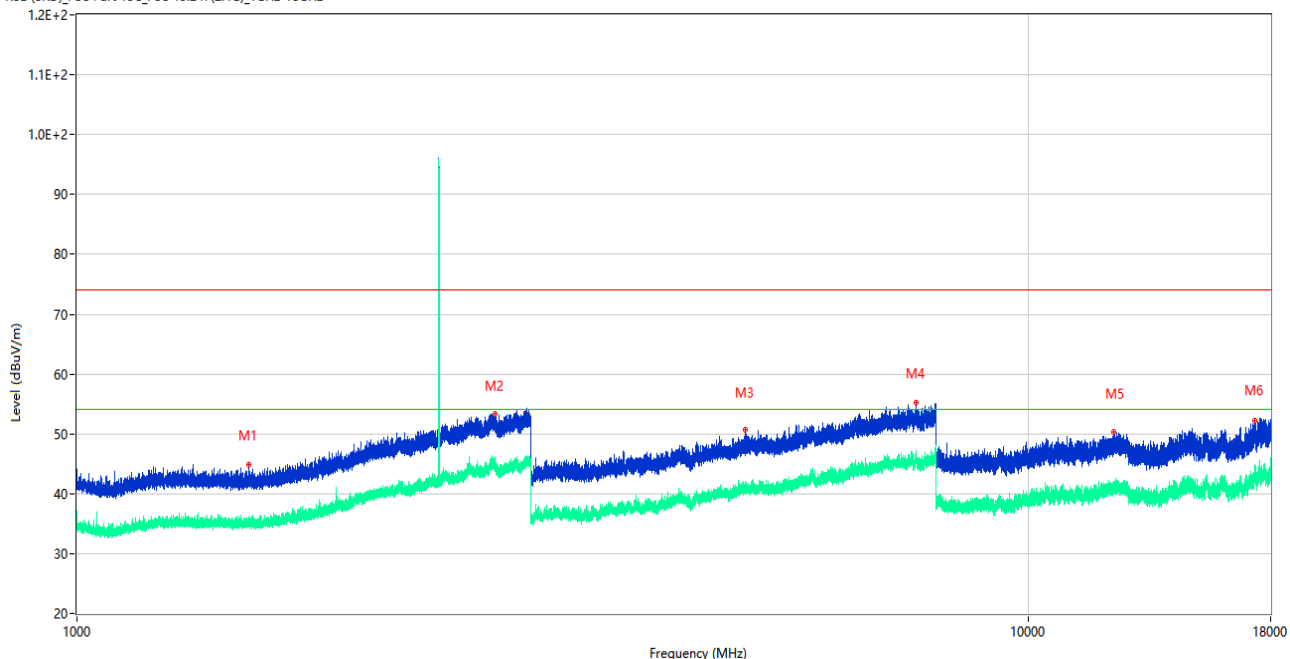


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	35.529	12.47	-26.47	40.0	27.53	Peak	13.00	100	Vertical	Pass
2	42.610	13.07	-25.32	40.0	26.93	Peak	128.00	100	Vertical	Pass
3	59.828	12.52	-25.72	40.0	27.48	Peak	355.00	100	Vertical	Pass
4	154.306	14.60	-23.97	43.5	28.90	Peak	0.00	100	Vertical	Pass
5	366.687	19.38	-20.75	46.0	26.62	Peak	303.00	100	Vertical	Pass
6	821.035	30.37	-9.61	46.0	15.63	Peak	224.00	100	Vertical	Pass

Note: The spurious above 18G is noise only, do not show on the report.

LOW CHANNEL 1 GHz to 18 GHz, ANT H

RSE (SRD)_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1515.966	43.22	74.0	30.78	Peak	347.00	300	Horizontal	Pass
1**	1515.966	33.48	54.0	20.52	AV	347.00	300	Horizontal	Pass
2	2754.486	56.27	74.0	17.73	Peak	206.00	400	Horizontal	Pass
2**	2754.486	43.66	54.0	10.34	AV	206.00	400	Horizontal	Pass
3	5041.822	51.54	74.0	22.46	Peak	351.00	200	Horizontal	Pass
3**	5041.822	39.86	54.0	14.14	AV	351.00	200	Horizontal	Pass
4	7625.962	54.20	74.0	19.80	Peak	21.00	200	Horizontal	Pass
4**	7625.962	45.44	54.0	8.56	AV	21.00	200	Horizontal	Pass
5	12321.964	51.76	74.0	22.24	Peak	75.00	200	Horizontal	Pass
5**	12321.964	39.46	54.0	14.54	AV	75.00	200	Horizontal	Pass
6	17336.526	52.61	74.0	21.39	Peak	321.00	100	Horizontal	Pass
6**	17336.526	43.15	54.0	10.85	AV	321.00	100	Horizontal	Pass

LOW CHANNEL 1 GHz to 18 GHz, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1467.382	41.33	74.0	32.67	Peak	255.00	300	Vertical	Pass
1**	1467.382	27.64	54.0	26.36	AV	255.00	300	Vertical	Pass
2	2991.473	50.46	74.0	23.54	Peak	103.00	100	Vertical	Pass
2**	2991.473	41.81	54.0	12.19	AV	103.00	100	Vertical	Pass
3	4822.428	54.19	74.0	19.81	Peak	308.00	200	Vertical	Pass
3**	4822.428	41.56	54.0	12.44	AV	308.00	200	Vertical	Pass
4	7968.247	58.35	74.0	15.65	Peak	104.00	100	Vertical	Pass
4**	7968.247	44.55	54.0	9.45	AV	104.00	100	Vertical	Pass
5	12440.601	52.61	74.0	21.39	Peak	231.00	400	Vertical	Pass
5**	12440.601	42.05	54.0	11.95	AV	231.00	400	Vertical	Pass
6	17454.836	54.65	74.0	19.35	Peak	21.00	200	Vertical	Pass
6**	17454.836	45.14	54.0	8.86	AV	21.00	200	Vertical	Pass

MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1517.271	46.60	74.0	27.40	Peak	97.00	100	Horizontal	Pass
1**	1517.271	33.36	54.0	20.64	AV	97.00	100	Horizontal	Pass
2	2748.033	52.90	74.0	21.10	Peak	7.00	200	Horizontal	Pass
2**	2748.033	43.22	54.0	10.78	AV	7.00	200	Horizontal	Pass
3	5045.457	52.58	74.0	21.42	Peak	72.00	200	Horizontal	Pass
3**	5045.457	42.51	54.0	11.49	AV	72.00	200	Horizontal	Pass
4	7619.010	53.99	74.0	20.01	Peak	175.00	100	Horizontal	Pass
4**	7619.010	42.89	54.0	11.11	AV	175.00	100	Horizontal	Pass
5	12321.291	47.34	74.0	26.66	Peak	293.00	300	Horizontal	Pass
5**	12321.291	41.94	54.0	12.06	AV	293.00	300	Horizontal	Pass
6	17338.353	53.75	74.0	20.25	Peak	277.00	300	Horizontal	Pass
6**	17338.353	45.14	54.0	8.86	AV	277.00	300	Horizontal	Pass

MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1468.594	42.57	74.0	31.43	Peak	156.00	100	Vertical	Pass
1**	1468.594	28.02	54.0	25.98	AV	156.00	100	Vertical	Pass
2	2990.374	52.73	74.0	21.27	Peak	167.00	400	Vertical	Pass
2**	2990.374	38.42	54.0	15.58	AV	167.00	400	Vertical	Pass
3	4823.006	53.45	74.0	20.55	Peak	212.00	200	Vertical	Pass
3**	4823.006	38.86	54.0	15.14	AV	212.00	200	Vertical	Pass
4	7964.304	57.24	74.0	16.76	Peak	162.00	300	Vertical	Pass
4**	7964.304	45.34	54.0	8.66	AV	162.00	300	Vertical	Pass
5	12442.996	48.96	74.0	25.04	Peak	241.00	300	Vertical	Pass
5**	12442.996	40.98	54.0	13.02	AV	241.00	300	Vertical	Pass
6	17455.660	58.12	74.0	15.88	Peak	150.00	200	Vertical	Pass
6**	17455.660	44.99	54.0	9.01	AV	150.00	200	Vertical	Pass

HIGH CHANNEL 1 GHz to 18 GHz, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1515.911	46.79	74.0	27.21	Peak	349.00	300	Horizontal	Pass
1**	1515.911	34.60	54.0	19.40	AV	349.00	300	Horizontal	Pass
2	2751.968	53.14	74.0	20.86	Peak	155.00	200	Horizontal	Pass
2**	2751.968	45.32	54.0	8.68	AV	155.00	200	Horizontal	Pass
3	5044.645	49.52	74.0	24.48	Peak	62.00	200	Horizontal	Pass
3**	5044.645	42.68	54.0	11.32	AV	62.00	200	Horizontal	Pass
4	7625.444	54.69	74.0	19.31	Peak	25.00	400	Horizontal	Pass
4**	7625.444	45.25	54.0	8.75	AV	25.00	400	Horizontal	Pass
5	12324.661	51.42	74.0	22.58	Peak	295.00	100	Horizontal	Pass
5**	12324.661	38.79	54.0	15.21	AV	295.00	100	Horizontal	Pass
6	17337.811	50.48	74.0	23.52	Peak	156.00	200	Horizontal	Pass
6**	17337.811	40.83	54.0	13.17	AV	156.00	200	Horizontal	Pass

HIGH CHANNEL 1 GHz to 18 GHz, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1468.620	43.61	74.0	30.39	Peak	50.00	100	Vertical	Pass
1**	1468.620	32.28	54.0	21.72	AV	50.00	100	Vertical	Pass
2	2992.755	52.66	74.0	21.34	Peak	128.00	100	Vertical	Pass
2**	2992.755	41.01	54.0	12.99	AV	128.00	100	Vertical	Pass
3	4824.935	53.54	74.0	20.46	Peak	53.00	200	Vertical	Pass
3**	4824.935	43.40	54.0	10.60	AV	53.00	200	Vertical	Pass
4	7967.715	59.39	74.0	14.61	Peak	193.00	400	Vertical	Pass
4**	7967.715	44.71	54.0	9.29	AV	193.00	400	Vertical	Pass
5	12442.555	53.38	74.0	20.62	Peak	211.00	300	Vertical	Pass
5**	12442.555	42.18	54.0	11.82	AV	211.00	300	Vertical	Pass
6	17457.976	55.29	74.0	18.71	Peak	163.00	200	Vertical	Pass
6**	17457.976	45.37	54.0	8.63	AV	163.00	200	Vertical	Pass

A.4 Band Edge (Restricted-band band-edge)

Note ¹: The lowest and highest channels are tested to verify the band edge emissions. Please refer to the following the plots for emissions values.

Note ²: The test data all are tested in the vertical and horizontal antenna which the trace is max hold. So these plots have shown the worst case.

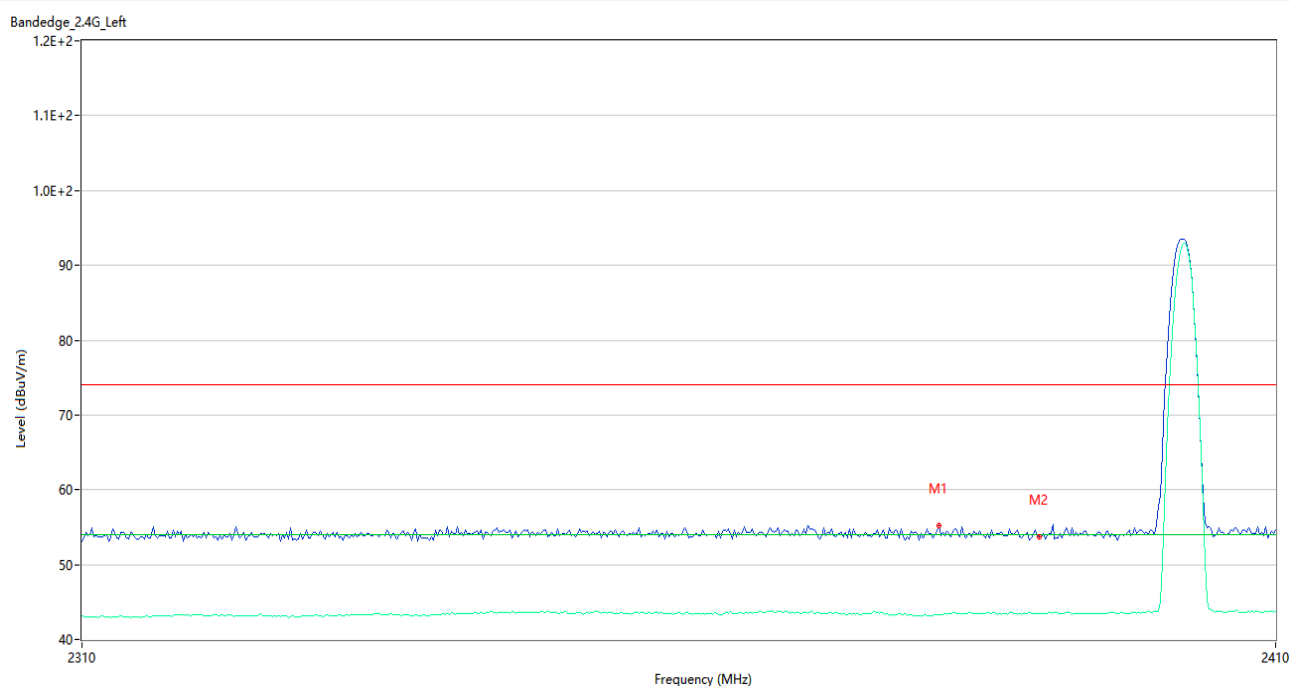
Note ³: According the ANSI C63.10-2020, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

Note ⁴: The Level (dBuV/m) has been corrected by factor.

Note ⁵: Both horizontal and vertical directions were pre tested, only the worst configuration has been reported in this report.

Test Data and Plots

LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2380.300	53.75	74.0	20.25	Peak	143.00	300	Horizontal	Pass
1**	2380.300	43.78	54.0	10.22	AV	143.00	300	Horizontal	Pass
2	2390.000	54.2	74.0	19.80	Peak	205.00	200	Horizontal	Pass
2**	2390.000	42.87	54.0	11.13	AV	205.00	200	Horizontal	Pass

HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	55.23	74.0	18.77	Peak	130.00	300	Horizontal	Pass
1**	2483.500	43.34	54.0	10.66	AV	130.00	300	Horizontal	Pass
2	2493.361	56.55	74.0	17.45	Peak	324.00	100	Horizontal	Pass
2**	2493.361	42.46	54.0	11.54	AV	324.00	100	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ25C1700-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ25C1700-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ25C1700-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--