FCC Test Report

Report No: FCS202306027E01

Issued for

Applicant:	Ciolea Brands GmbH & Co. KG
Address:	Eiffestrasse 596 20537 Hamburg Germany
Product Name:	UV eyelash extension lamp
Brand Name:	AURA Monaco
Model Name:	Beamlight S6
Series Model:	PL002,PL003,PL004,PL005,PL006,PL007
Test Standard:	FCC Part 15 SUBPART B

TEST RESULT CERTIFICATION

Applicant's Name..... :	Ciolea Brands GmbH & Co. KG
Address..... :	Eiffestrasse 596 20537 Hamburg Germany
Manufacture's Name..... :	Ciolea Brands GmbH & Co. KG
Address..... :	Eiffestrasse 596 20537 Hamburg Germany

Product Description

Product Name..... :	UV eyelash extension lamp
Brand Name .....:	AURA Monaco
Model Name..... :	Beamlight S6
Series Model.....:	PL002,PL003,PL004,PL005,PL006,PL007
Test Standards..... :	FCC Part15 Subpart B
Test Procedure..... :	ANSI C63.4-2014

This device described above has been tested by FCS, the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.
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Date of Test.....:

Date (s) of performance of tests. :	Jun 05, 2023 ~Jun 08, 2023
Date of Issue.....:	Jun 08, 2023
Test Result.....:	Pass

Tested by : Sam Wang
(Sam Wang)

Reviewed by : Duke Qian
(Duke Qian)

Approved by : Jack Wang
(Jack Wang)

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Revision History

Rev.	Issue Date	Report NO.	Effect Page	Contents
00	Jun 08, 2023	FCS202306027E01	N/A	Initial Issue

1. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:

FCC Rules and Regulations Part 15 Subpart B AND ANSI C63.4-2014.			
No.	Test Item	Result	Remark
1	Conducted Emission	PASS	--
2	Radiated Emission	PASS	--

1.1 TESTING LABORATORY

Company Name:	Flux Compliance Service Laboratory
Address:	Room 105 Floor Bao hao Technology Building 1 NO.15 Gong ye West Road Hi-Tech Industrial, Song shan lake Dongguan
Telephone:	+86-769-27280901
Fax:	+86-769-27280901
Laboray Accreditations	
FCC Test Firm Registration Number: 514908 CNAS Number： L15566 Designation number：CN0127 A2LA accreditation number：5545.01 ISED Number：25801	

1.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement **y ±U**, where expended uncertainty **U** is based on a standard uncertainty multiplied by a coverage factor of **k=2**, providing a level of confidence of approximately **95** %.

No.	Item	Uncertainty
1	Conducted Emission (9KHz-150KHz)	±4.13 dB
2	Conducted Emission (150KHz-30MHz)	±4.74 dB
3	All emissions,radiated(<1G) 30MHz-1000MHz	±5.2 dB
4	All emissions,radiated(>1G) 1000MHz -3000MHz	±4.66 dB
5	All emissions,radiated(<1G) 3000MHz -6000MHz	±5.31 dB

1.3 EQUIPMENTS LIST

Radiation Test equipment

Kind of Equipment	Manufacturer	Type No.	Company No.	Last calibration	Calibrated until
EMI Test Receiver	R&S	ESRP 3	FCS-E001	2022.08.30	2023.08.29
Signal Analyzer	R&S	FSV40-N	FCS-E012	2022.08.30	2023.08.29
Active loop Antenna	ZHINAN	ZN30900C	FCS-E013	2022.08.30	2023.08.29
Bilog Antenna	SCHWARZBECK	VULB 9168	FCS-E002	2022.08.30	2023.08.29
Horn Antenna	SCHWARZBECK	BBHA 9120D	FCS-E003	2022.08.30	2023.08.29
SHF-EHF Horn Antenna (18GHz-40GHz)	A-INFO	LB-180400-KF	FCS-E018	2022.08.30	2023.08.29
Pre-Amplifier(20MHz-3GHz)	EMCI	EM330N	FCS-E004	2022.08.30	2023.08.29
Pre-Amplifier (1GHz-18GHz)	N/A	TSAMP-0518SE	FCS-E014	2022.08.30	2023.08.29
Temperature & Humidity	HTC-1	victor	FCS-E005	2022.08.30	2023.08.29
Testing Software	EZ-EMC(Ver.STSLAB 03A1 RE)				

Conduction Test equipment

Kind of Equipment	Manufacturer	Type No.	Company No.	Last calibration	Calibrated until
EMI Test Receiver	R&S	ESPI	FCS-E020	2022.08.30	2023.08.29
LISN	R&S	ENV216	FCS-E007	2022.08.30	2023.08.29
LISN	ETS	3810/2NM	FCS-E009	2022.08.30	2023.08.29
Temperature & Humidity	HTC-1	victor	FCS-E008	2022.08.30	2023.08.29
Testing Software	EZ-EMC(Ver.EMC-CON 3A1.1)				

Test Equipment Calibration

All of the test equipment is effective use and calibration certification institution, GRGT, the address is 163 tianhe district in huangpu road xiping cloud road .Guangzhou,China

2. GENERAL INFORMATION

2.1 General Description Of The EUT

Product Name	UV eyelash extension lamp
Trade Name	AURA Monaco
Model Name	Beamlight S6
Series Mode	PL002,PL003,PL004,PL005,PL006,PL007
Model Difference	The above products have the same circuit, PCB layout, electrical components, materials, circuit structure, and materials of decorative accessories, but with different shapes, sizes, and colors.
Power Supply	Input:AC 100-240V Output:DC5V 1A
Battery	N/A
Hardware version number	V1.0
Software version number	V1.0

Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.

2.1 DESCRIPTION OF THE TEST MODES

To investigate the maximum EUT emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

Pretest Mode	Description
Mode 1	full load

Note: The test modes were carried out for all operation modes. Only worst case will be show in this report.

3. CONDUCTED EMISSION MEASUREMENT

3.1 Power Line Conducted Emission Limits

Operating frequency band. In case the emission fall within the restricted band specified on Part 207(a) limit in the table below has to be followed.

FREQUENCY (MHz)	Conducted Emissionlimit (dBuV)	
	Quasi-peak	Average
0.15 -0.5	66 - 56 *	56 - 46 *
0.50 -5.0	56.00	46.00
5.0 -30.0	60.00	50.00

Note:

(1) The tighter limit applies at the band edges.

(2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

The following table is the setting of the receiver

Receiver Parameters	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz

3.2 Test Procedure

a. The equipment was set up as per the test configuration to simulate typical actual usage per the user's manual. The EUT is a tabletop system, a wooden table with a height of 0.8 meters is used and is placed on the ground plane as per ANSI C63.4.

b. Support equipment, if needed, was placed as per ANSI C63.4.

c. All I/O cables were positioned to simulate typical actual usage as per ANSI C63.4.

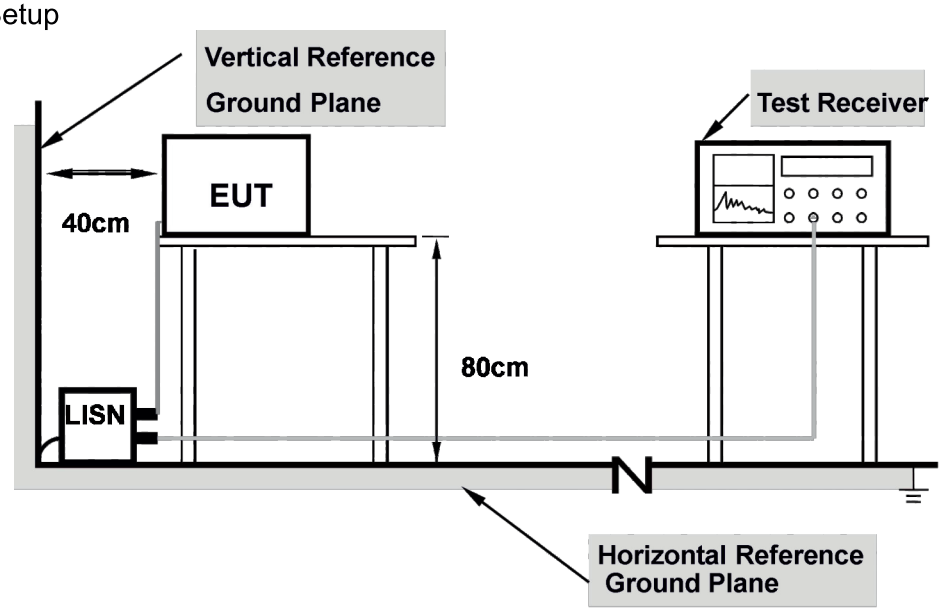
d. If a EUT received DC power from the USB Port of Notebook PC, the PC's adapter received AC120V/60Hz power through a Line Impedance Stabilization Network (LISN) which supplied power source and was grounded to the ground plane.

e. All support equipments received AC power from a second LISN, if any.

f. The EUT test program was started. Emissions were measured on each current carrying line of the EUT using a spectrum Analyzer / Receiver connected to the LISN powering the EUT. The LISN has two monitoring points: Line 1 (Hot Side) and Line 2 (Neutral Side). Two scans were taken: one with Line 1 connected to Analyzer / Receiver and Line 2 connected to a 50 ohm load; the second scan had Line 1 connected to a 50 ohm load and Line 2 connected to the Analyzer / Receiver.

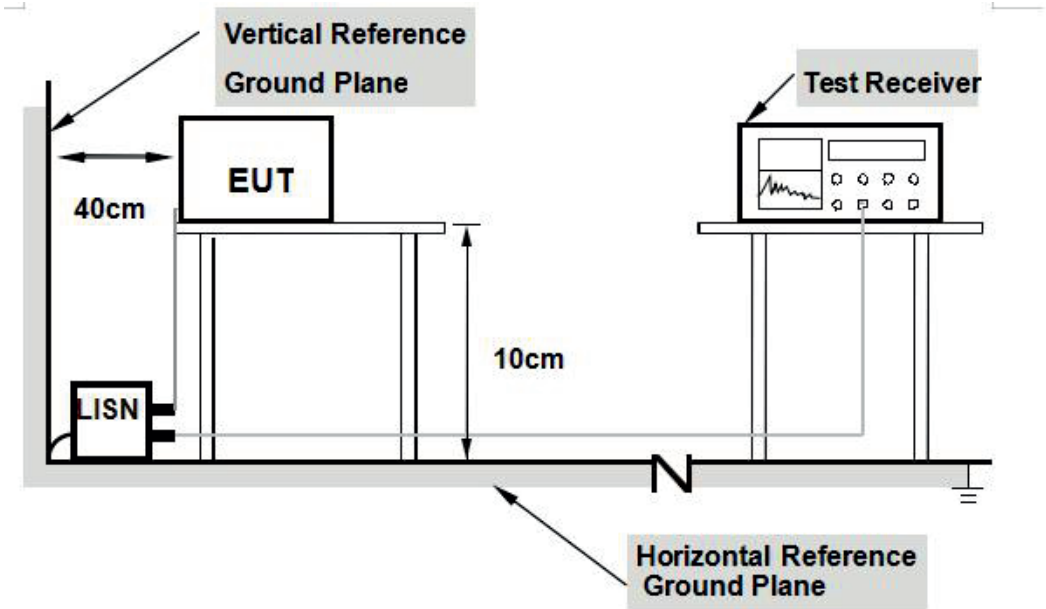
g. Analyzer / Receiver scanned from 150 KHz to 30MHz for emissions in each of the test modes. and the test data has been listed in 3.4

3.3 Test Setup



Note: 1.Support units were connected to second LISN.

2.Both of LISNs (AMN) are 80 cm from EUT and at least 80 from other units and other metal planes



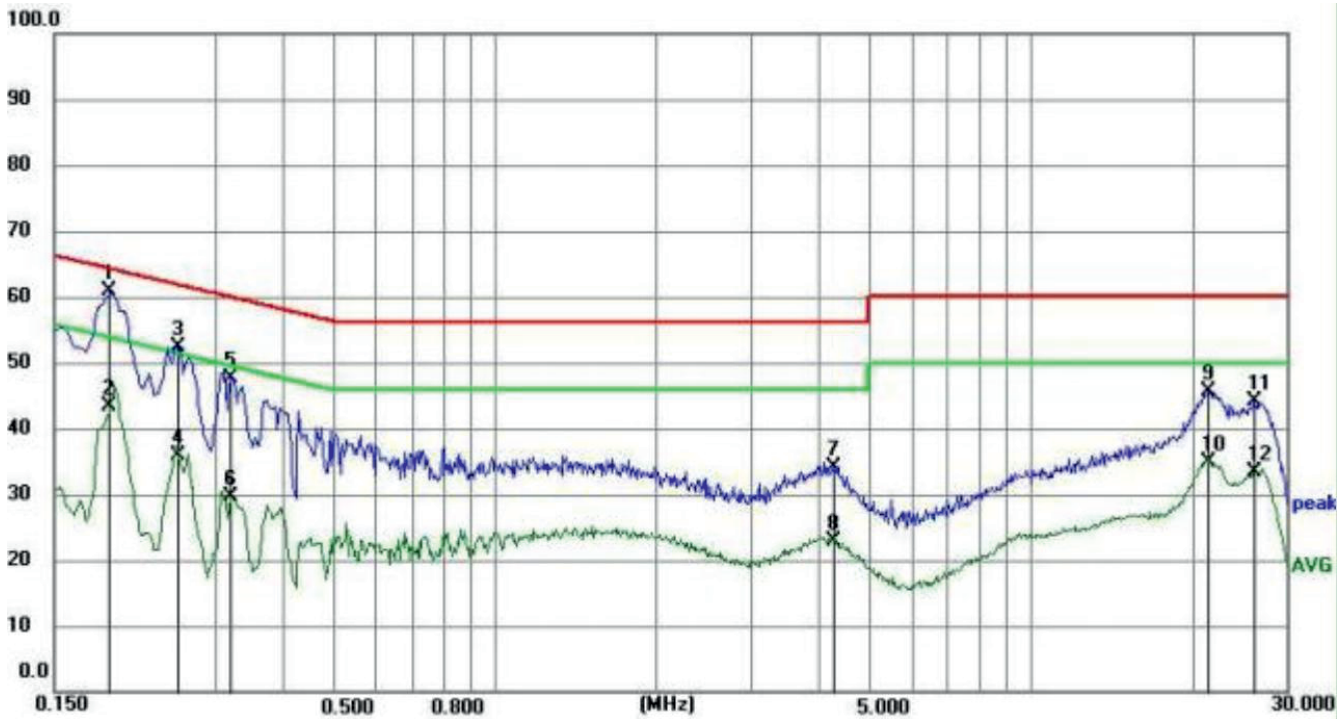
Note: 1.Support units were connected to second LISN.

2.Both of LISNs (AMN) are 10 cm from EUT and at least 10 cm from other units and other metal planes support. units.

3.4 Test Result

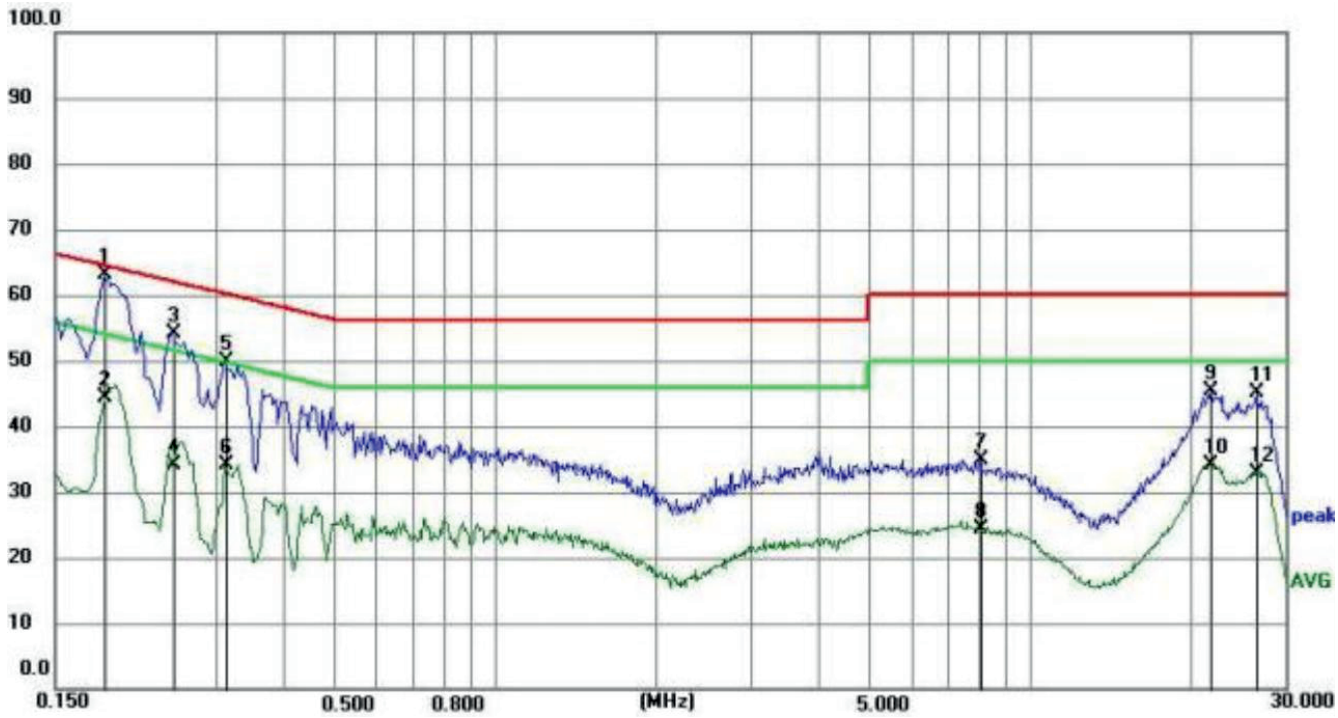
Temperature:	23.5℃	Relative Humidity:	59%
Phase:	L	Test Mode:	Mode 1
Test Voltage:	AC 120V		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0. 1905	50.69	10.09	60.78	64.01	3.23	QP
2	0. 1905	33. 19	10.09	43.28	54.01	10.73	AVG
3	0.2548	42.39	10.05	52.44	61.60	9. 16	QP
4	0.2548	25.71	10.05	35.76	51.60	15.84	AVG
5	0.3209	37.61	10.02	47.63	59.68	12.05	QP
6	0.3209	19.70	10.02	29.72	49.68	19.96	AVG
7	4.2810	24.24	9.90	34. 14	56.00	21.86	QP
8	4.2810	13.02	9.90	22.92	46.00	23.08	AVG
9	21.4260	35.72	9.94	45.66	60.00	14.34	QP
10	21.4260	24.97	9.94	34.91	50.00	15.09	AVG
11	26. 1420	34.22	9.91	44. 13	60.00	15.87	QP
12	26. 1420	23.45	9.91	33.36	50.00	16.64	AVG



Temperature:	23.5℃	Relative Humidity:	59%
Phase:	N	Test Mode:	Mode 1
Test Voltage:	AC 120V		

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.1860	53.04	10.06	63.10	64.21	1.11	QP
2	0.1860	34.23	10.06	44.29	54.21	9.92	AVG
3	0.2490	44.20	10.04	54.24	61.79	7.55	QP
4	0.2490	24.10	10.04	34.14	51.79	17.65	AVG
5	0.3120	39.74	10.03	49.77	59.92	10.15	QP
6	0.3120	24.04	10.03	34.07	49.92	15.85	AVG
7	8.0834	25.08	9.82	34.90	60.00	25.10	QP
8	8.0834	14.52	9.82	24.34	50.00	25.66	AVG
9	21.7724	35.29	9.99	45.28	60.00	14.72	QP
10	21.7724	24.06	9.99	34.05	50.00	15.95	AVG
11	26.4615	35.21	9.98	45.19	60.00	14.81	QP
12	26.4615	22.80	9.98	32.78	50.00	17.22	AVG



4. RADIATED EMISSION MEASUREMENT

4.1 Radiated Emission Limits

LIMITS OF RADIATED EMISSION MEASUREMENT (0.009MHz - 1000MHz)

Frequencies (MHz)	Field Strength (micorvolts/meter)	Measurement Distance (meters)
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

For Radiated Emission

Spectrum Parameter	Setting
Attenuation	Auto
Detector	Peak/AV
Start Frequency	1000 MHz(Peak/AV)
Stop Frequency	10th carrier hamonic(Peak/AV)
RB / VB (emission in restricted band)	PK=1MHz / 1MHz, AV=1 MHz /10 Hz

4.2 Test Procedure

a. The EUT is placed on a turntable, which is 0.8m above ground plane.

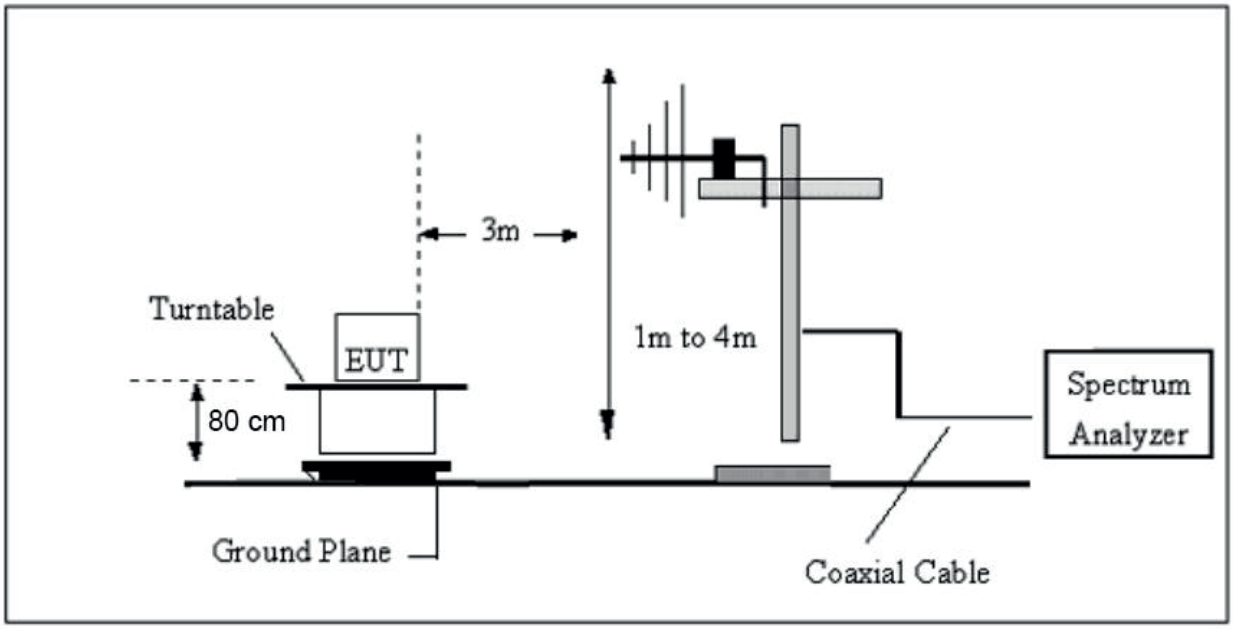
b. The turntable shall be rotated for 360 degrees to determine the position of maximum emission level.

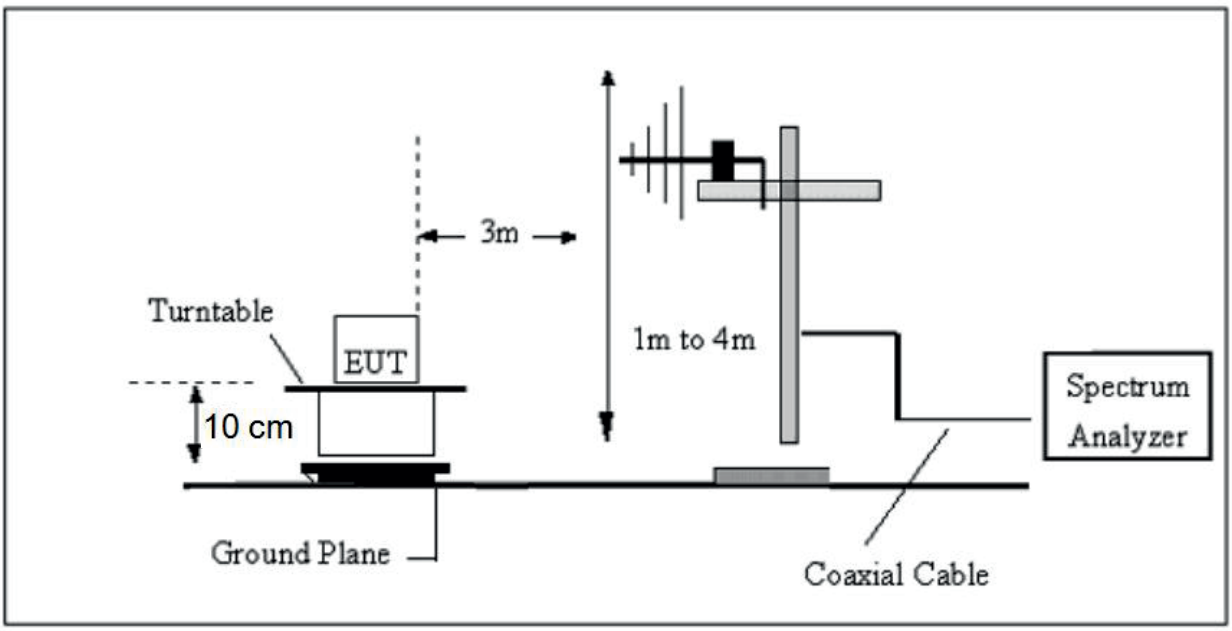
c. EUT is set 3m away from the receiving antenna, which is varied from 1m to 4m to find out the highest emissions.

d. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.

e. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical

4.3 Test setup



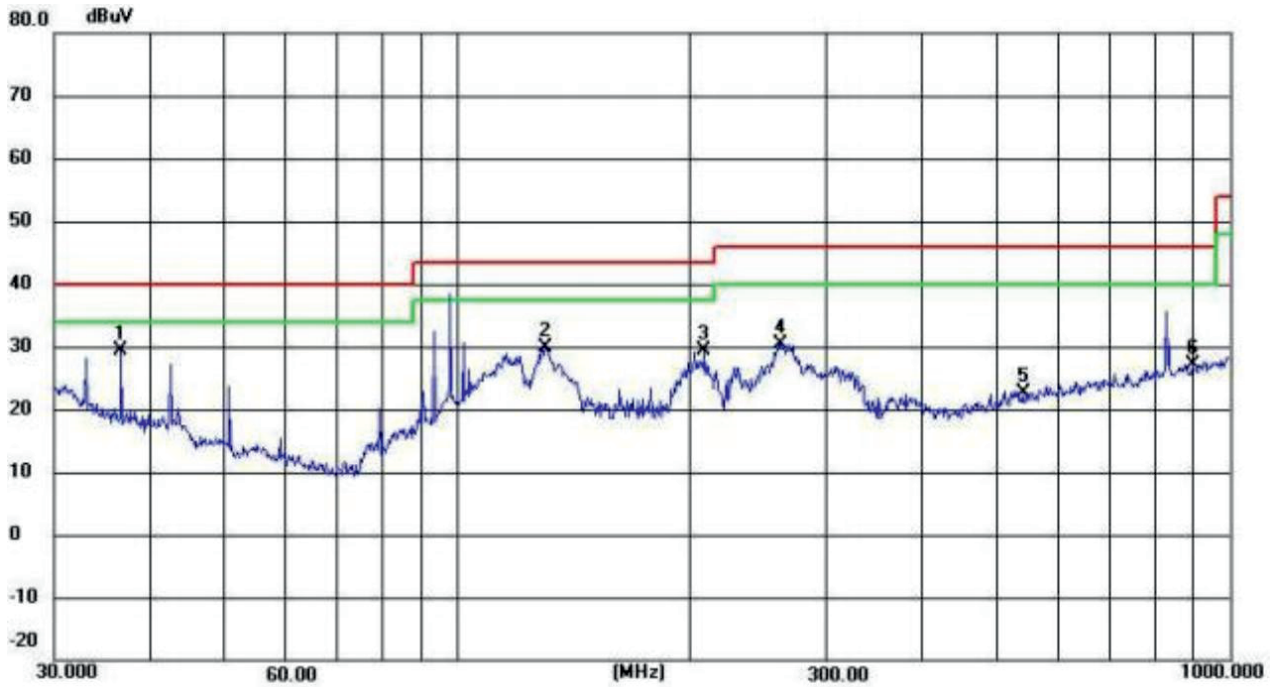


4.4 Test Results

Temperature:	23.5℃	Relative Humidity:	59%
Test Voltage:	AC 120V	Phase:	Horizontal
Test Mode:	Mode 1		

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	36.6375	40.93	- 11.67	29.26	40.00	- 10.74	QP
2	129.9226	62.05	-32.27	29.78	43.50	- 13.72	QP
3	208.5803	61.64	-32. 19	29.45	43.50	- 14.05	QP
4	261.9753	62.59	-32. 14	30.45	46.00	- 15.55	QP
5	539.4775	54.50	-31.85	22.65	46.00	-23.35	QP
6	893.8567	58.65	-31.41	27.24	46.00	- 18.76	QP

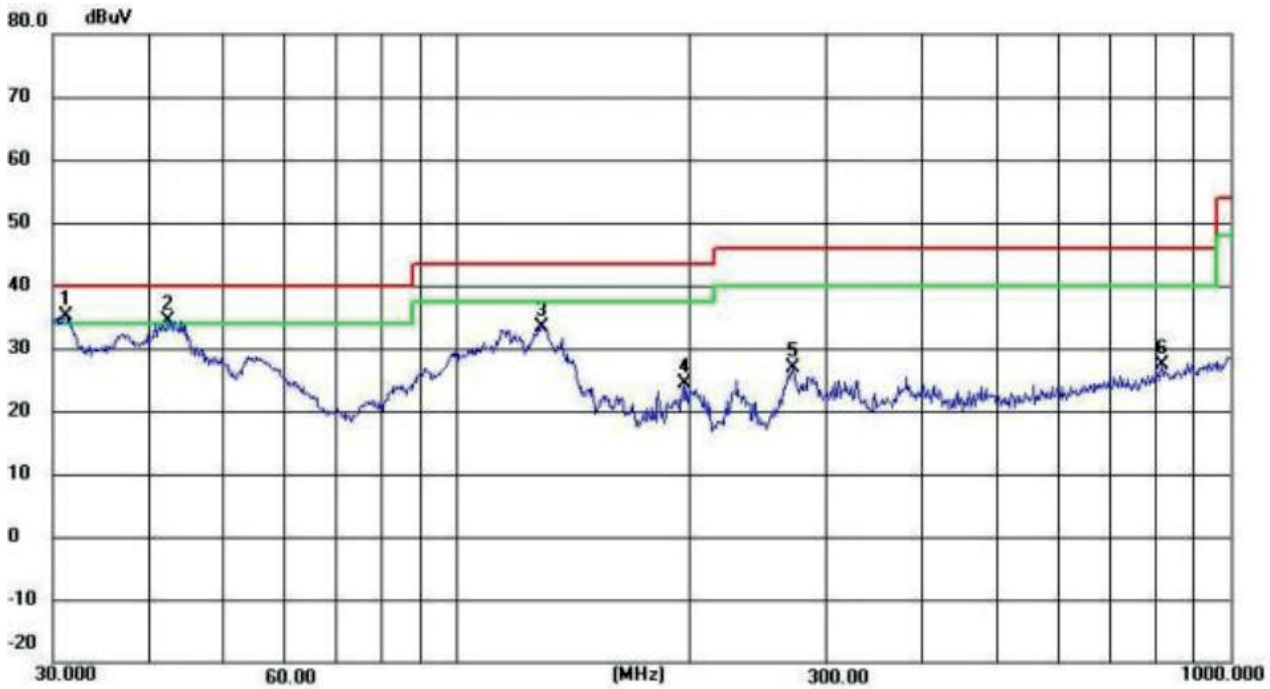
Remark:
1. Margin = Result (Result =Reading + Factor)–Limit



Temperature:	23.5℃	Relative Humidity:	59%
Test Voltage:	AC 120V	Phase:	Vertical
Test Mode:	Mode 1		

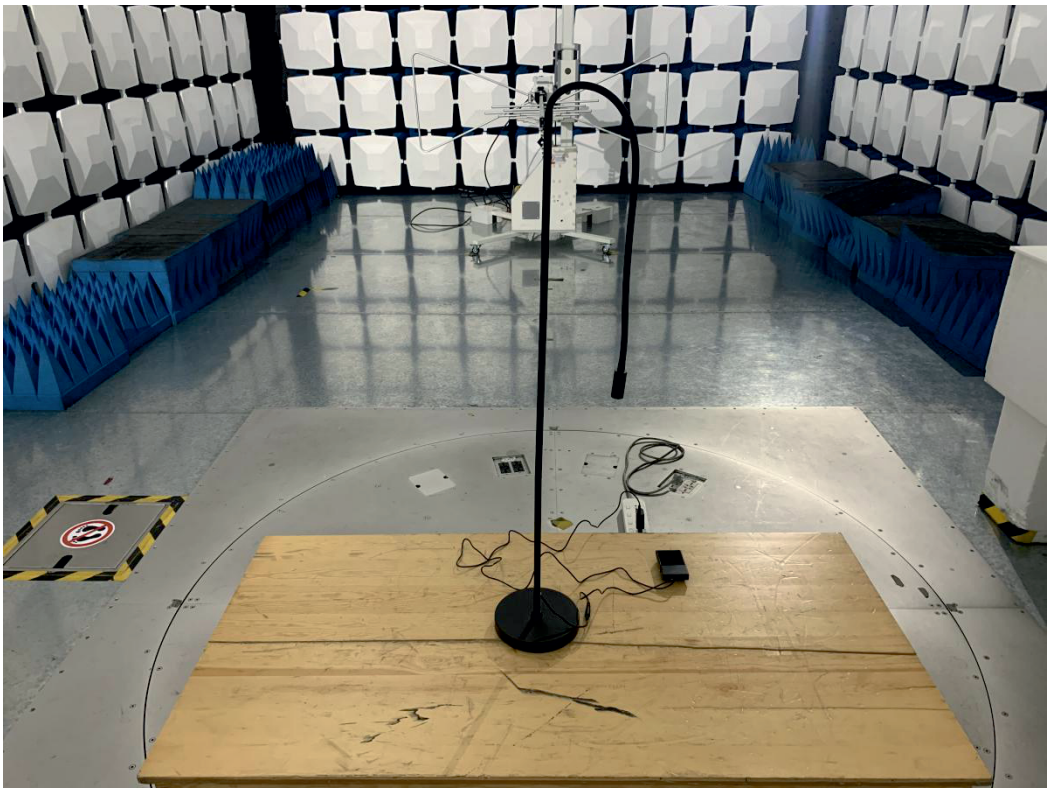
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	31.1798	43.18	-8.10	35.08	40.00	-4.92	QP
2	42.3022	49.16	-14.79	34.37	40.00	-5.63	QP
3	128.5630	65.71	-32.27	33.44	43.50	-10.06	QP
4	197.2001	56.65	-32.20	24.45	43.50	-19.05	QP
5	272.2776	59.03	-32.13	26.90	46.00	-19.10	QP
6	815.9678	58.86	-31.48	27.38	46.00	-18.62	QP

Remark:
1. Margin = Result (Result =Reading + Factor)–Limit



5. TEST SETUP

RE



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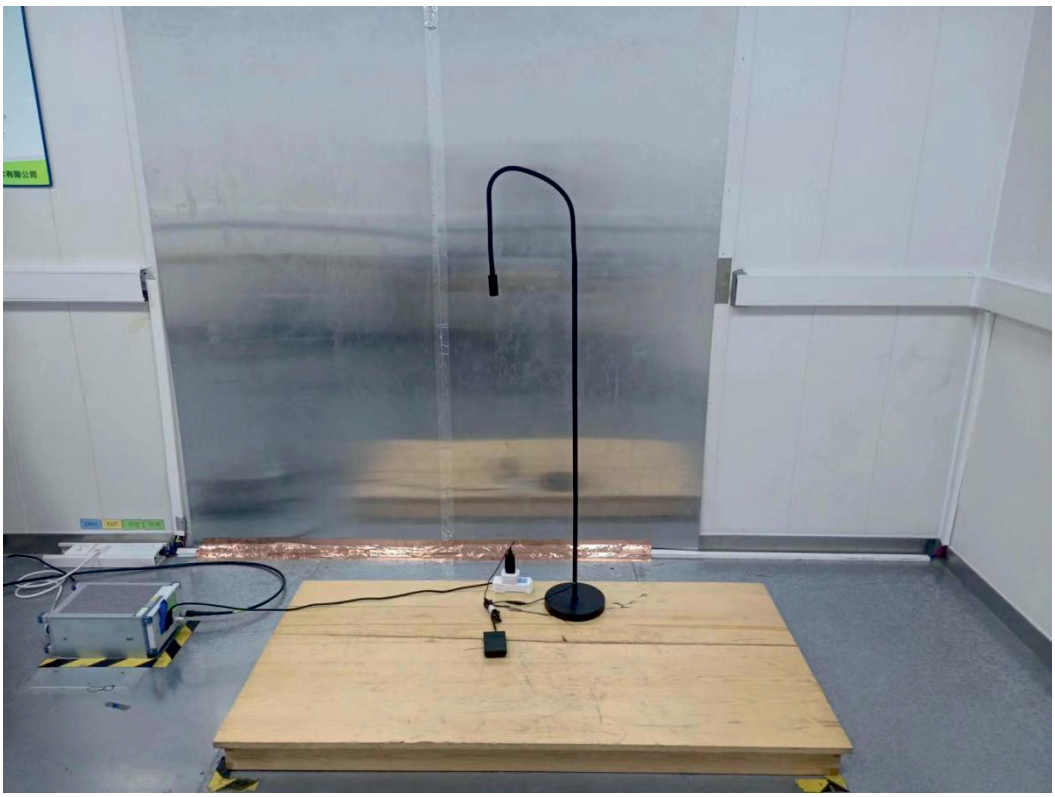

APPENDIX 1

Supplementary information for the User manual, labeling requirements

1. Devices subject to FCC part 15 Subpart B must be labelled with the following statement. The label can be affixed at any space external to the product except the battery door or detachable parts.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2)this device must accept any Interference received, including interference that may cause undesired operation.

2. In addition, for a Class B digital device or peripheral, the instructions furnished the user shall include the following statement, placed in a prominent location in the text of the manual:

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with The instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: -- Reorient or relocate the receiving antenna. -- Increase the separation between the equipment and receiver. -- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. -- Consult the dealer or an experienced radio/TV technician for help.
Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the use's authority to operate the equipment.

Note: If shielded cables or other specialized accessories are necessary for the unit to achieve compliance, a statement similar to the following should be added:

Shielded cables must be used with this unit to ensure compliance with the Class B FCC limits.

APPENDIX 2-PHOTOGRAPHS OF THE EUT

Photo 1

Photo 2

Photo 3

Photo 4

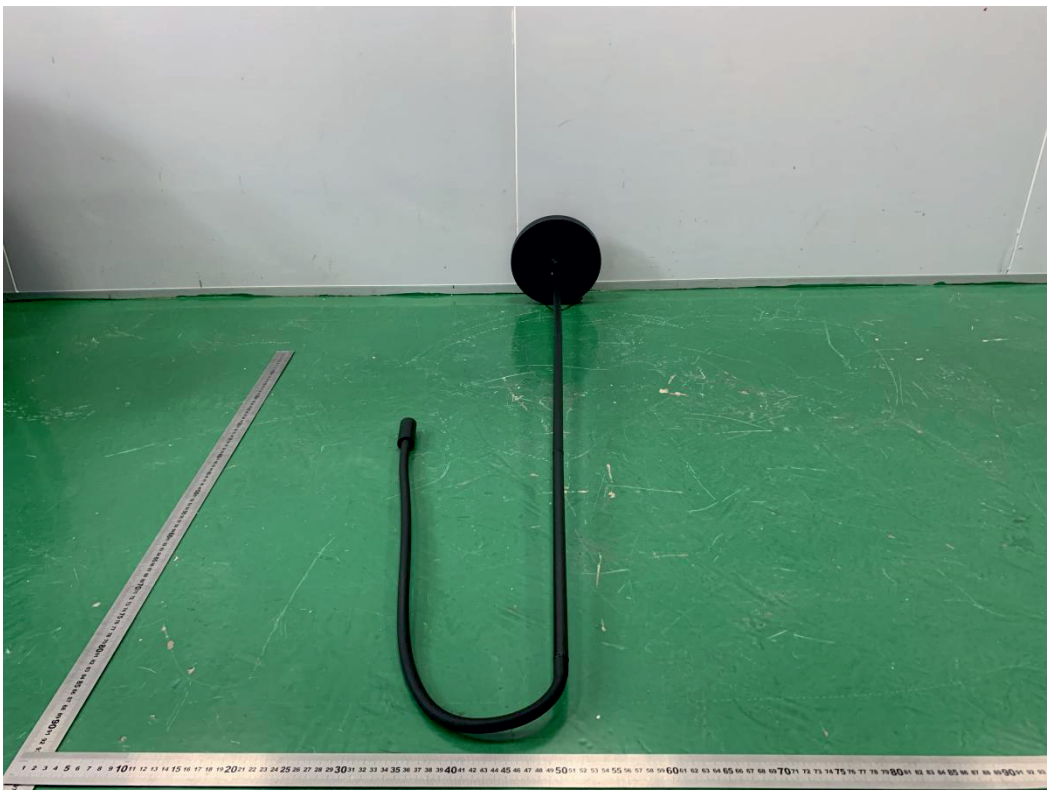

Photo 5

Photo 6

※※※※※ END OF THE REPORT※※※※※