FCC EMC Test Report

Subject to
Supplier's Declaration of Conformity
Procedure

Product : Smartphone
Trade Mark : CUBOT
Model Number : KINGKONG POWER 5

Prepared for

Shenzhen Huafurui Technology Co., Ltd.
Unit 601-03, 6/F, Block A, Building 1, Ganfeng Technology Building, No. 993 Jiaxian Road, Xiangjiaotang Community, Bantian Street, Longgang District, Shenzhen, P.R. China

Prepared by

Shenzhen NTEK Testing Technology Co., Ltd.
No. 24 Xinfa East Road, Xiangshan Community, Xinqiao Street, Baoan District, Shenzhen, Guangdong, China
Tel.: 0755-2320 0050 Website: http://www.ntek.org.cn

TEST RESULT CERTIFICATION

Applicant's Name ..... :	Shenzhen Huafurui Technology Co., Ltd.
Address ..... :	Unit 601-03, 6/F, Block A, Building 1, Ganfeng Technology Building, No. 993 Jiaxian Road, Xiangjiaotang Community, Bantian Street, Longgang District, Shenzhen, P.R. China
Manufacturer's Name ..... :	Shenzhen Huafurui Technology Co., Ltd.
Address ..... :	Unit 601-03, 6/F, Block A, Building 1, Ganfeng Technology Building, No. 993 Jiaxian Road, Xiangjiaotang Community, Bantian Street, Longgang District, Shenzhen, P.R. China

Product description

Product Name ..... :	Smartphone
Model Number ..... :	KINGKONG POWER 5
Standards ..... :	47 CFR FCC part 15 subpart B, 10-1-2024 ANSI C63.4:2014

This device described above has been tested by NTEK, and the test results show that the equipment under test (EUT) is in compliance with Part 15 of FCC Rules. And it is applicable only to the tested sample identified in the report.

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Test Sample Number ..... :	S250319064001
Date of Test ..... :	
Date (s) of performance of tests ..... :	21 Mar. 2025 ~ 14 Apr. 2025
Date of Issue ..... :	14 Apr. 2025
Test Result ..... :	**Pass**

Testing Engineer : Korka Lin
(Korka Lin)

Technical Manager : Sky Zhang
(Sky Zhang)

Authorized Signatory : Alex
(Alex)

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1. TEST SUMMARY

Test procedures according to the technical standards:

EMC Emission				
Standard	Test Item	Limit	Judgment	Remark
47 CFR FCC part 15 subpart B, 10-1-2024 ANSI C63.4:2014	Conducted Emission	Class B	PASS	
	Radiated Emission	Class B	PASS	

NOTE:

(1) "N/A" denotes test is not applicable in this Test Report

(2) For client's request and manual description, the test will not be executed.

1.1 TEST FACILITY

Shenzhen NTEK Testing Technology Co., Ltd.

Add. : No. 24 Xinfa East Road, Xiangshan Community, Xinqiao Street, Baoan District, Shenzhen, Guangdong, China

CNAS-Lab. : The Laboratory has been assessed and proved to be in compliance with CNAS-CL01:2018 (identical to ISO/IEC 17025:2017)
The Certificate Registration Number is L5516

ISED-Registration : The Company Number: 9270A.
CAB identifier: CN0074.

FCC- Accredited : Test Firm Registration Number: 463705
Designation Number: CN1184

A2LA-Lab. : The Certificate Registration Number is 4298.01
This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).

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** %.

Test Item	Measurement Frequency Range	K	U(dB)
Conducted Emission	0.009MHz ~ 0.15MHz	2	3.6
Conducted Emission	0.15MHz ~ 30MHz	2	3.1
Radiated Emission	30MHz ~ 1000MHz	2	5.2
Radiated Emission	1000MHz ~ 18000MHz	2	5.1

Revision History

Report No.	Version	Description	Issued Date
S25031906401001	Rev.01	Initial issue of report	Apr. 14, 2025

2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

Equipment	Smartphone
Model Number	KINGKONG POWER 5
Additional Model Number(s)	N/A
Model Difference	N/A
Product Description	The EUT is a Smartphone. Operating frequency: 2.4 GHz (Declaration by Manufacturer) Based on the application, features, or specification exhibited in User's Manual. More details of EUT technical specification, please refer to the User's Manual.
Power Source	AC Voltage
Power Rating	Adapter Model 1: HJ-PD33W-US Adapter Rating: Input: AC 100-240V, 50/60Hz, 0.8A Output: DC 5V, 3A, 15W OR DC 9V, 3A, 27W OR DC 12V, 2.75A, 33W Max Adapter Model 2: TD-203G200170UF01 Adapter Rating: Input: AC 100-240V, 50/60Hz, 0.6A Output: DC 5V, 3A / DC 9V, 3A / DC 12V, 2.5A / DC 15V, 2A / DC 20V, 1.5A PPS: 3.3V-16V/2A, 3.3V-11V/3A Battery Rating: DC 3.87V, 15300mAh, 59.211Wh

2.2 DESCRIPTION OF TEST MODES

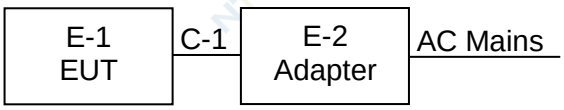
To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively. All test modes in the table below are tested, the worst case is listed on this report.

Pretest Mode	Description
Mode 1	Charging + Lighting + REC(Front / Rear)
Mode 2	Charging + Lighting + TF Playing
Mode 3	Data Transmission
Mode 4	Charging + Lighting + FM(87.6MHz / 98MHz / 107.9MHz)
Mode 5	Lighting

For Conducted Test	
Final Test Mode	Description
Mode 1	Charging + Lighting + REC(Front / Rear)
Mode 2	Charging + Lighting + TF Playing
Mode 3	Data Transmission

For Radiated Test	
Final Test Mode	Description
Mode 1	Charging + Lighting + REC(Front / Rear)
Mode 2	Charging + Lighting + TF Playing
Mode 3	Data Transmission
Mode 4	Charging + Lighting + FM(87.6MHz / 98MHz / 107.9MHz)
Mode 5	Lighting

2.3 DESCRIPTION OF TEST SETUP



2.4 DESCRIPTION TEST PERIPHERAL AND EUT PERIPHERAL

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Item	Equipment	Brand	Model/Type No.	Series No.	Note
E-1	Smartphone	CUBOT	KINGKONG POWER 5	N/A	EUT
E-2	Adapter 1	Huajin	HJ-PD33W-US	N/A	EUT
	Adapter 2	TIANYIN	TD-203G200170UF01	N/A	EUT

Item	Shielded Type	Ferrite Core	Length	Note
C-1	YES	NO	100cm	

Note:

(1) The support equipment was authorized by Declaration of Confirmation.

(2) For detachable type I/O cable should be specified the length in cm in『Length』column.

(3) "YES" means "shielded" "with core"; "NO" means "unshielded" "without core".

2.5 MEASUREMENT INSTRUMENTS LIST

2.5.1 CONDUCTED TEST

Item	Name of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until	Calibration period
1	Single Phase LISN	R&S	ENV216	101490	Apr. 25, 2024	Apr. 24, 2025	1 year
2	Single Phase LISN	R&S	ENV216	101313	Apr. 25, 2024	Apr. 24, 2025	1 year
3	Three-Phase LISN	SCHWARZBECK	NNLK 8129	8129245	Apr. 25, 2024	Apr. 24, 2025	1 year
4	Low Frequency Cable	N/A	R-03	N/A	Apr. 25, 2024	Apr. 24, 2027	3 years
5	50Ω Coaxial Switch	Anritsu	MP59B	6200983704	Apr. 26, 2024	Apr. 25, 2027	3 years
6	EMI Test Receiver	R&S	ESCI	101160	Apr. 26, 2024	Apr. 25, 2025	1 year
7	EMI Test Receiver	R&S	ESPI3	101417	May 15, 2024	May 14, 2025	1 year
8	EMI Test Receiver	R&S	ESPI3	100145	Apr. 26, 2024	Apr. 25, 2025	1 year
9	DC-AMN LISN	SCHWARZBECK	PVDC 8301	8301-00117	Apr. 26, 2024	Apr. 25, 2025	1 year
10	Single Phase LISN	R&S	ENV216	102849	Apr. 26, 2024	Apr. 25, 2025	1 year
11	Single Phase LISN	R&S	ENV216	102827	Apr. 26, 2024	Apr. 25, 2025	1 year

2.5.2 RADIATED TEST

Item	Name of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until	Calibration period
1	3m Anechoic Chamber	N/A	9*6*6	N/A	Jun. 07, 2024	Jun. 06, 2027	3 years
2	3m Anechoic Chamber	N/A	9*6*6	N/A	Jun. 18, 2024	Jun. 17, 2027	3 years
3	EMI Test Receiver	R&S	ESPI7	101318	Apr. 26, 2024	Apr. 25, 2025	1 year
4	Bilog Antenna	TESEQ	CBL6111D	31216	May 12, 2024	May 11, 2025	1 year
5	50Ω Coaxial Switch	Anritsu	MP59B	6200983705	Apr. 26, 2024	Apr. 25, 2027	3 years
6	Cable	Talent Microwave	A81-NWMSMAM-12M	21120897	Apr. 26, 2024	Apr. 25, 2027	3 years
7	Cable	Talent Microwave	A81-NMNM-10M	24012011	Apr. 26, 2024	Apr. 25, 2027	3 years
8	Cable	Talent Microwave	A81-NMNM-10M	22084896	Apr. 26, 2024	Apr. 25, 2027	3 years
9	Log-Periodic Antenna	SCHWARZBECK	VULB 9162	675	May 18, 2024	May 17, 2025	1 year
10	Log-Periodic Antenna	SCHWARZBECK	VULB 9162	584	May 25, 2024	May 24, 2025	1 year
11	Log-Periodic Antenna	SCHWARZBECK	VULB 9162	586	May 12, 2024	May 11, 2025	1 year
12	Cable	Talent Microwave	A81-NMNM-2M	22084895	Apr. 26, 2024	Apr. 25, 2027	3 years
13	Attenuator	Eastsheep	5W-N-JK-6G-6DB	N/A	Apr. 25, 2024	Apr. 24, 2025	1 year
14	Attenuator	Eastsheep	5W-N-JK-6G-6DB	N/A	Apr. 26, 2024	Apr. 25, 2025	1 year
15	Broadband Horn Antenna	EM	EM-AH-10180	2011071402	May 12, 2024	May 11, 2027	3 years
16	Broadband Horn Antenna	SCHWARZBECK	BBHA 9120D	2816	May 18, 2024	May 17, 2027	3 years
17	Broadband Horn Antenna	SCHWARZBECK	BBHA 9120D	2817	May 12, 2024	May 11, 2027	3 years
18	Spectrum Analyzer	Keysight	N9020A	MY53280244	Apr. 25, 2024	Apr. 24, 2025	1 year
19	Spectrum Analyzer	Agilent	E4440A	MY41000130	Apr. 26, 2024	Apr. 25, 2025	1 year
20	Pre-Amplifier	EMC	EMC051835SE	980246	Apr. 25, 2024	Apr. 24, 2025	1 year
21	PREAMPLIFIER	Agilent	8449B	30008A01520	Apr. 26, 2024	Apr. 25, 2025	1 year

22	Low Noise Amplifier	B&Z	BZ-P540-550 850-452727	16476-11729	Apr. 25, 2024	Apr. 24, 2025	1 year
23	Cable	Keysight	A40-2.92M 2.92M-2M	1808041	Apr. 26, 2024	Apr. 25, 2027	3 years
24	Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	803	May 12, 2024	May 11, 2027	3 years

2.6 MEASUREMENT SOFTWARE

CONDUCTED TEST		
Software name	Manufacturer	Version number
EZ-EMC_CE	Farad	AIT-03A
RADIATED TEST		
Software name	Manufacturer	Version number
EZ-EMC_RE	Farad	EMEC-3A1+

3. EMC EMISSION TEST

3.1 CONDUCTED EMISSION MEASUREMENT

3.1.1 POWER LINE CONDUCTED EMISSION (Frequency Range 150kHz-30MHz)

Frequency Range (MHz)	☐Class A (dBμV)		☒Class B (dBμV)	
	Quasi-peak	Average	Quasi-peak	Average
0.15 - 0.5	79.00	66.00	66 - 56 *	56 - 46 *
0.50 - 5.0	73.00	60.00	56.00	46.00
5.0 - 30.0	73.00	60.00	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

3.1.2 TEST PROCEDURE

a. The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.

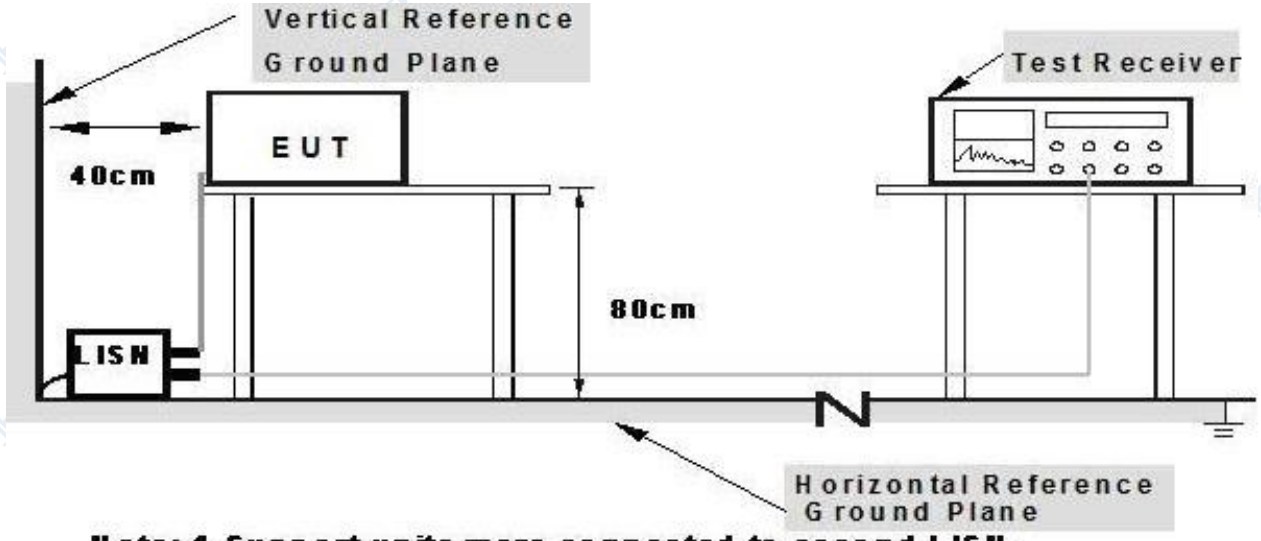
b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.

c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.

d. LISN at least 80 cm from nearest part of EUT chassis.

e. For the actual test configuration, please refer to the related Item -EUT Test Photos.

3.1.3 TEST SETUP



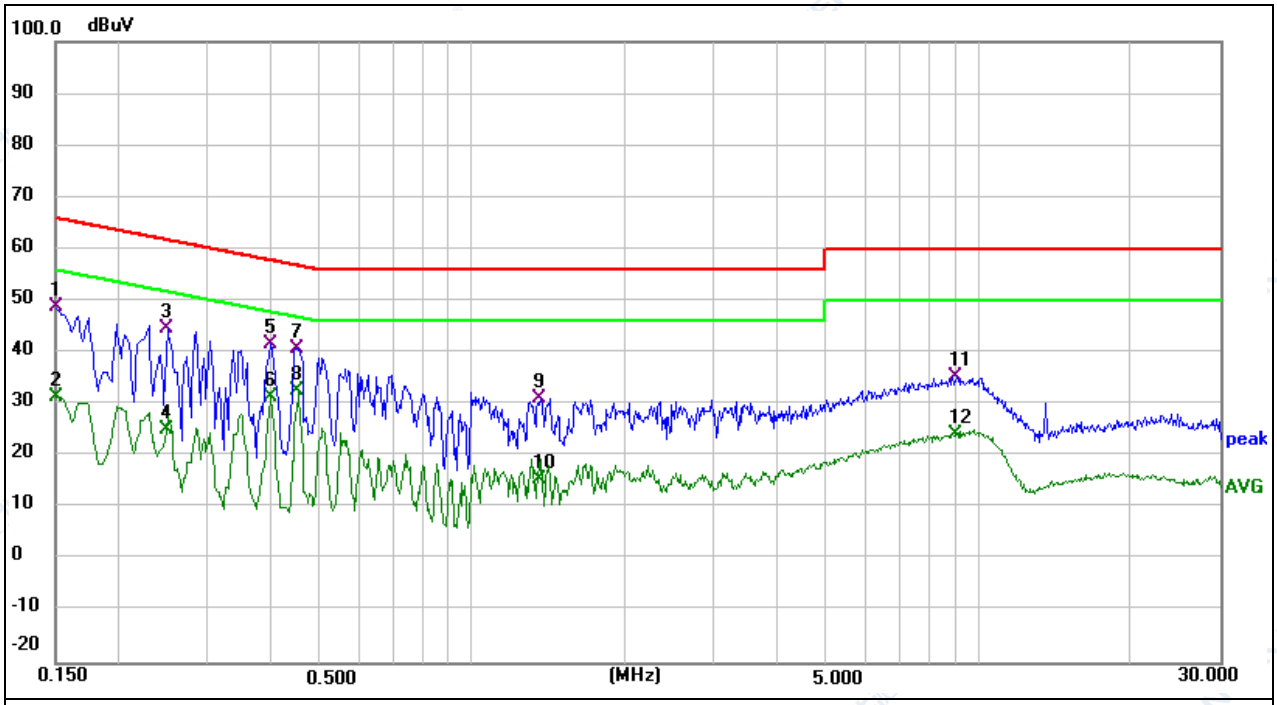
Note: 1.Support units were connected to second LISN.
2.Both of LISNs (AMN) are 80 cm from EUT and at least 80 from other units and other metal planes

3.1.4 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of **2.3** Unless otherwise a special operating condition is specified in the follows during the testing.

3.1.5 TEST RESULTS

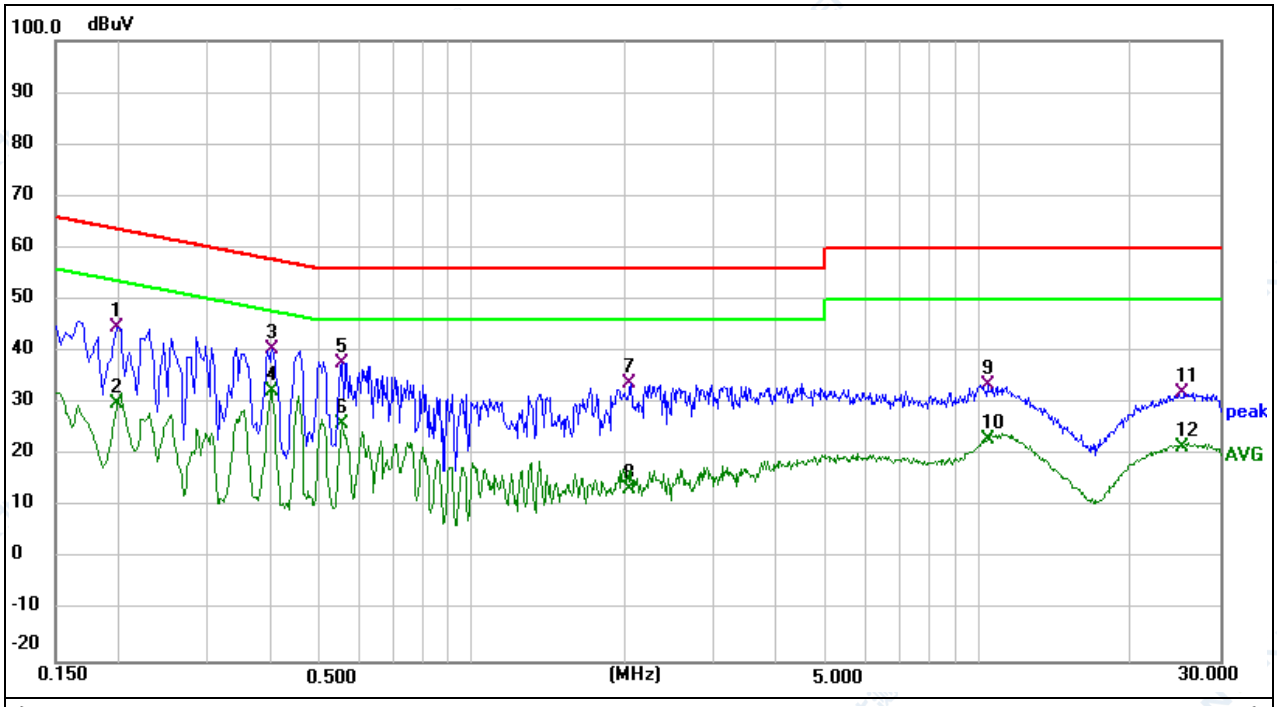
EUT:	Smartphone	Model Name:	KINGKONG POWER 5
Temperature:	25.3℃	Relative Humidity:	42.3%RH
Pressure:	1010hPa	Test Date:	2025-03-27
Test Mode:	Charging + Lighting + TF Playing	Phase:	L
Test Voltage:	AC 120V/60Hz(Adapter 1)		



No.	Frequency (MHz)	Reading ()	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.1500	38.84	10.00	48.84	66.00	-17.16	QP	P	
2	0.1500	21.55	10.00	31.55	56.00	-24.45	AVG	P	
3	0.2481	34.39	10.20	44.59	61.82	-17.23	QP	P	
4	0.2481	14.85	10.20	25.05	51.82	-26.77	AVG	P	
5	0.3980	31.19	10.49	41.68	57.90	-16.22	QP	P	
6	0.3980	21.10	10.49	31.59	47.90	-16.31	AVG	P	
7	0.4500	30.29	10.59	40.88	56.88	-16.00	QP	P	
8 *	0.4500	21.95	10.59	32.54	46.88	-14.34	AVG	P	
9	1.3619	18.61	12.48	31.09	56.00	-24.91	QP	P	
10	1.3619	3.07	12.48	15.55	46.00	-30.45	AVG	P	
11	9.0140	24.75	10.72	35.47	60.00	-24.53	QP	P	
12	9.0140	13.62	10.72	24.34	50.00	-25.66	AVG	P	

Remark:
Correct Factor = Insertion Loss + Cable Loss
Measurement Level = Reading Level + Correct Factor
Over Level = Measurement Level - Limit

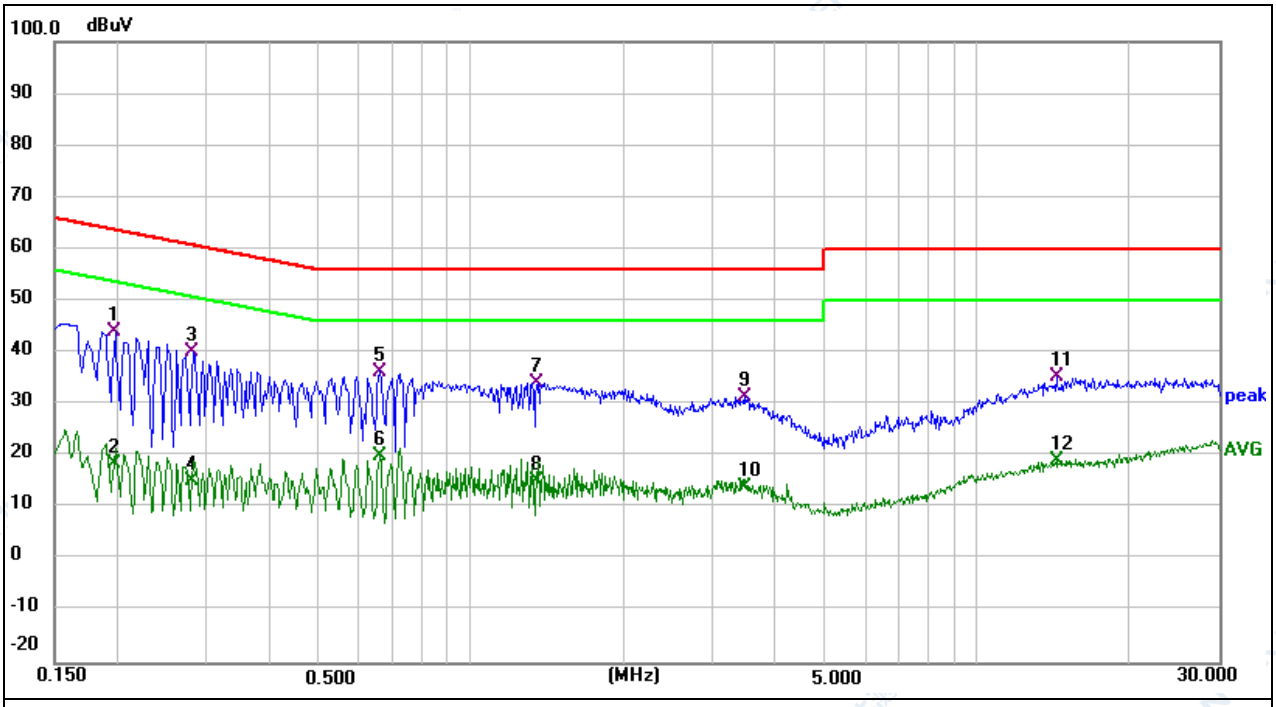
EUT:	Smartphone	Model Name:	KINGKONG POWER 5
Temperature:	25.3℃	Relative Humidity:	42.3%RH
Pressure:	1010hPa	Test Date:	2025-03-27
Test Mode:	Charging + Lighting + TF Playing	Phase:	N
Test Voltage:	AC 120V/60Hz(Adapter 1)		



No.	Frequency (MHz)	Reading ()	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.1980	35.23	9.51	44.74	63.69	-18.95	QP	P	
2	0.1980	20.45	9.51	29.96	53.69	-23.73	AVG	P	
3	0.4020	30.67	9.88	40.55	57.81	-17.26	QP	P	
4 *	0.4020	22.54	9.88	32.42	47.81	-15.39	AVG	P	
5	0.5540	27.71	10.07	37.78	56.00	-18.22	QP	P	
6	0.5540	15.88	10.07	25.95	46.00	-20.05	AVG	P	
7	2.0579	24.86	9.06	33.92	56.00	-22.08	QP	P	
8	2.0579	4.35	9.06	13.41	46.00	-32.59	AVG	P	
9	10.4140	33.73	-0.25	33.48	60.00	-26.52	QP	P	
10	10.4140	23.19	-0.25	22.94	50.00	-27.06	AVG	P	
11	25.2780	19.55	12.58	32.13	60.00	-27.87	QP	P	
12	25.2780	9.03	12.58	21.61	50.00	-28.39	AVG	P	

Remark:
Correct Factor = Insertion Loss + Cable Loss
Measurement Level = Reading Level + Correct Factor
Over Level = Measurement Level - Limit

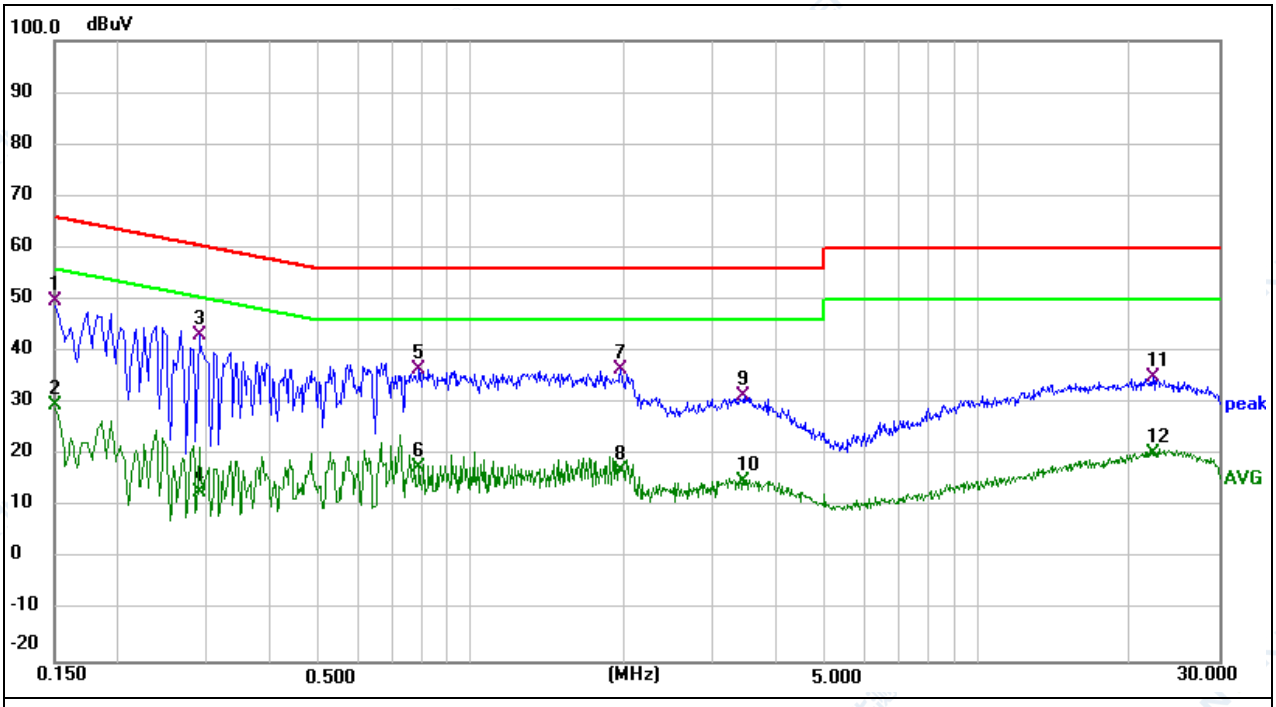
EUT:	Smartphone	Model Name:	KINGKONG POWER 5
Temperature:	25.3℃	Relative Humidity:	42.3%RH
Pressure:	1010hPa	Test Date:	2025-03-27
Test Mode:	Charging + Lighting + TF Playing	Phase:	L
Test Voltage:	AC 120V/60Hz(Adapter 2)		



No.	Frequency (MHz)	Reading ()	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.1965	33.95	10.09	44.04	63.76	-19.72	QP	P	
2	0.1965	8.46	10.09	18.55	53.76	-35.21	AVG	P	
3	0.2803	29.99	10.25	40.24	60.81	-20.57	QP	P	
4	0.2803	4.86	10.25	15.11	50.81	-35.70	AVG	P	
5 *	0.6580	25.38	11.02	36.40	56.00	-19.60	QP	P	
6	0.6580	9.15	11.02	20.17	46.00	-25.83	AVG	P	
7	1.3500	21.80	12.46	34.26	56.00	-21.74	QP	P	
8	1.3500	2.67	12.46	15.13	46.00	-30.87	AVG	P	
9	3.4540	21.62	9.93	31.55	56.00	-24.45	QP	P	
10	3.4540	4.27	9.93	14.20	46.00	-31.80	AVG	P	
11	14.2980	23.52	11.71	35.23	60.00	-24.77	QP	P	
12	14.2980	7.46	11.71	19.17	50.00	-30.83	AVG	P	

Remark:
Correct Factor = Insertion Loss + Cable Loss
Measurement Level = Reading Level + Correct Factor
Over Level = Measurement Level - Limit

EUT:	Smartphone	Model Name:	KINGKONG POWER 5
Temperature:	25.3℃	Relative Humidity:	42.3%RH
Pressure:	1010hPa	Test Date:	2025-03-27
Test Mode:	Charging + Lighting + TF Playing	Phase:	N
Test Voltage:	AC 120V/60Hz(Adapter 2)		



No.	Frequency (MHz)	Reading ()	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1 *	0.1500	40.43	9.44	49.87	66.00	-16.13	QP	P	
2	0.1500	20.32	9.44	29.76	56.00	-26.24	AVG	P	
3	0.2900	33.44	9.68	43.12	60.52	-17.40	QP	P	
4	0.2900	3.28	9.68	12.96	50.52	-37.56	AVG	P	
5	0.7900	26.01	10.58	36.59	56.00	-19.41	QP	P	
6	0.7900	6.99	10.58	17.57	46.00	-28.43	AVG	P	
7	1.9780	23.57	13.02	36.59	56.00	-19.41	QP	P	
8	1.9780	4.01	13.02	17.03	46.00	-28.97	AVG	P	
9	3.4380	22.29	9.18	31.47	56.00	-24.53	QP	P	
10	3.4380	5.77	9.18	14.95	46.00	-31.05	AVG	P	
11	22.2860	22.87	12.23	35.10	60.00	-24.90	QP	P	
12	22.2860	8.11	12.23	20.34	50.00	-29.66	AVG	P	

Remark:
Correct Factor = Insertion Loss + Cable Loss
Measurement Level = Reading Level + Correct Factor
Over Level = Measurement Level - Limit

3.2 RADIATED EMISSION MEASUREMENT

3.2.1 LIMITS OF RADIATED EMISSION MEASUREMENT (Below 1000MHz)

FREQUENCY (MHz)	At 3m	
	☐Class A (dBμV/m)	☒Class B (dBμV/m)
30 ~ 88	49.5	40.0
88 ~ 216	53.9	43.5
216 ~ 960	56.9	46.0
960 ~ 1000	60.0	54.0

3.2.2 LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000MHz)

FREQUENCY (MHz)	At 3m			
	☐Class A (dBμV/m)		☒Class B (dBμV/m)	
	Average	Peak	Average	Peak
Above 1000	60	80	54	74

Note:

(1) The limit for radiated test was performed according to as following: FCC PART 15B.

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

(3) Emission level (dBμV/m)=20log Emission level (μV/m).

3.2.3 TEST PROCEDURE

a. The measuring distance of at 3m shall be used for measurements at frequency up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.

b. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter open area test site. The table was rotated 360 degrees to determine the position of the highest radiation.

c. The height of the equipment or of the substitution antenna shall be 0.8 m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

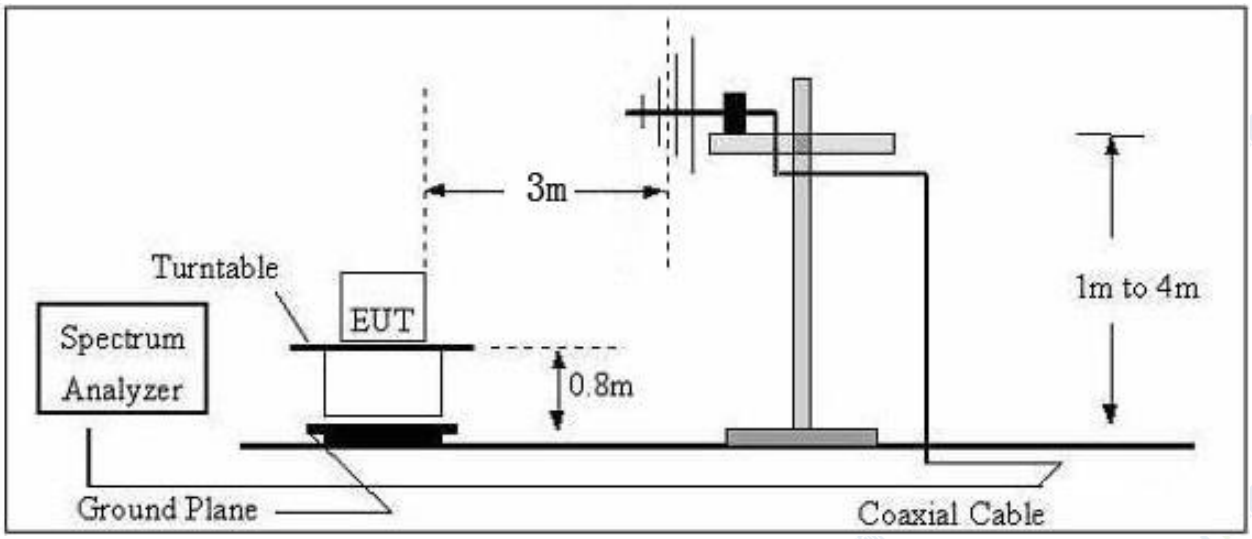
d. The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured, above 1G Average detector mode will be instead.

e. If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP(AV) Limits and then no additional QP Mode measurement performed.

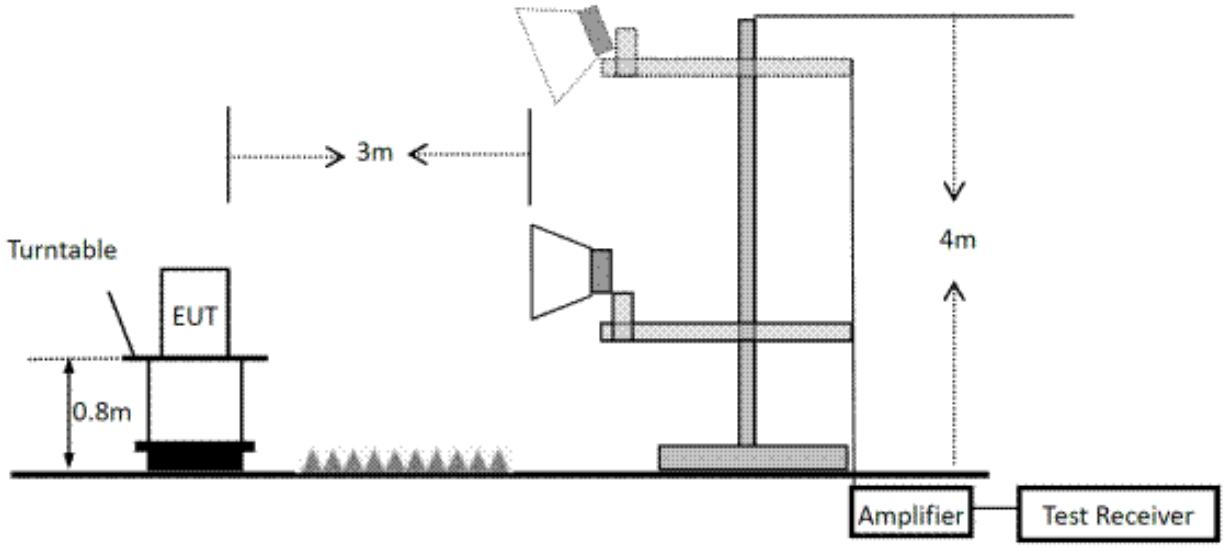
f. For the actual test configuration, please refer to the related Item -EUT Test Photos.

3.2.4 TEST SETUP

(A) Radiated Emission Test Set-Up Frequency Below 1 GHz



(B) Radiated Emission Test Set-Up Frequency Above 1GHz

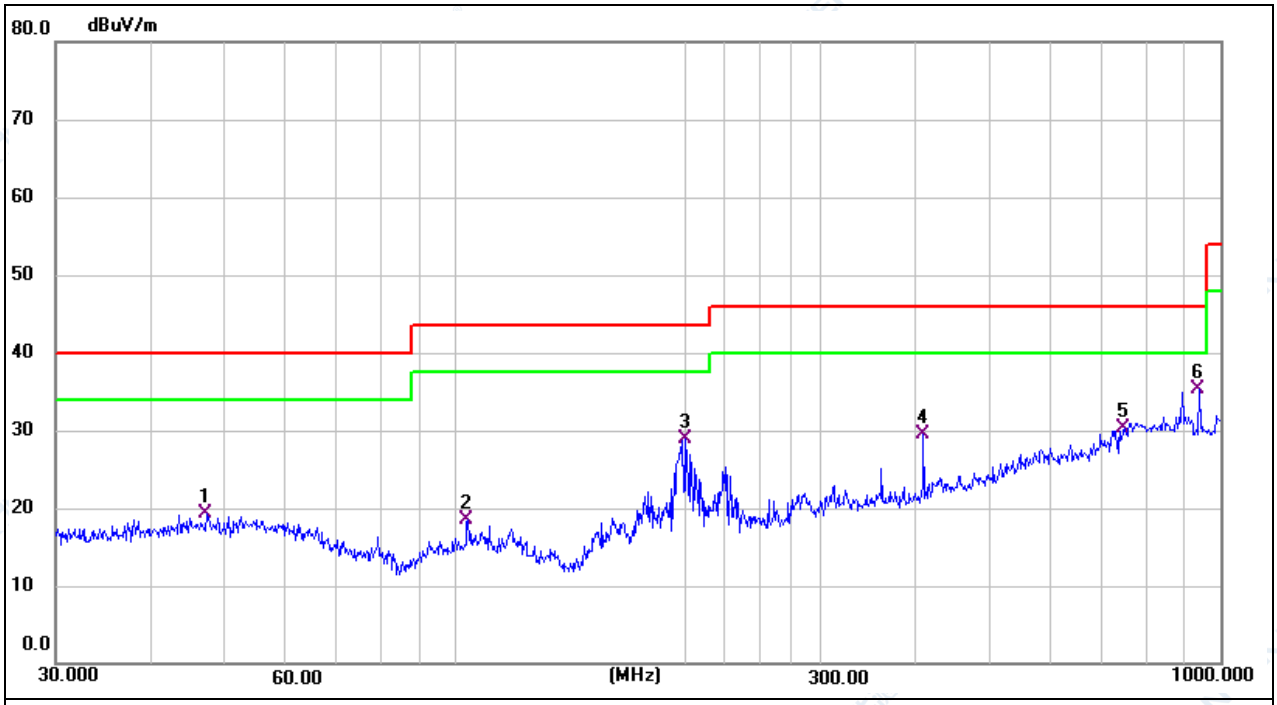


3.2.5 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of **2.3** Unless otherwise a special operating condition is specified in the follows during the testing.

3.2.6 TEST RESULTS (30-1000MHz)

EUT:	Smartphone	Model Name:	KINGKONG POWER 5
Temperature:	23.9℃	Relative Humidity:	46%RH
Pressure:	1010hPa	Test Date:	2025-03-26
Test Mode:	Charging + Lighting + REC(Rear)	Polarization:	Horizontal
Test Power:	AC 120V/60Hz(Adapter 1)		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	47.3250	-0.22	19.60	19.38	40.00	-20.62	QP			P	
2	103.8050	0.84	17.62	18.46	43.50	-25.04	QP			P	
3	199.2860	11.46	17.39	28.85	43.50	-14.65	QP			P	
4	408.9460	7.38	22.21	29.59	46.00	-16.41	QP			P	
5	750.1080	2.13	28.26	30.39	46.00	-15.61	QP			P	
6 *	938.8320	4.51	30.82	35.33	46.00	-10.67	QP			P	

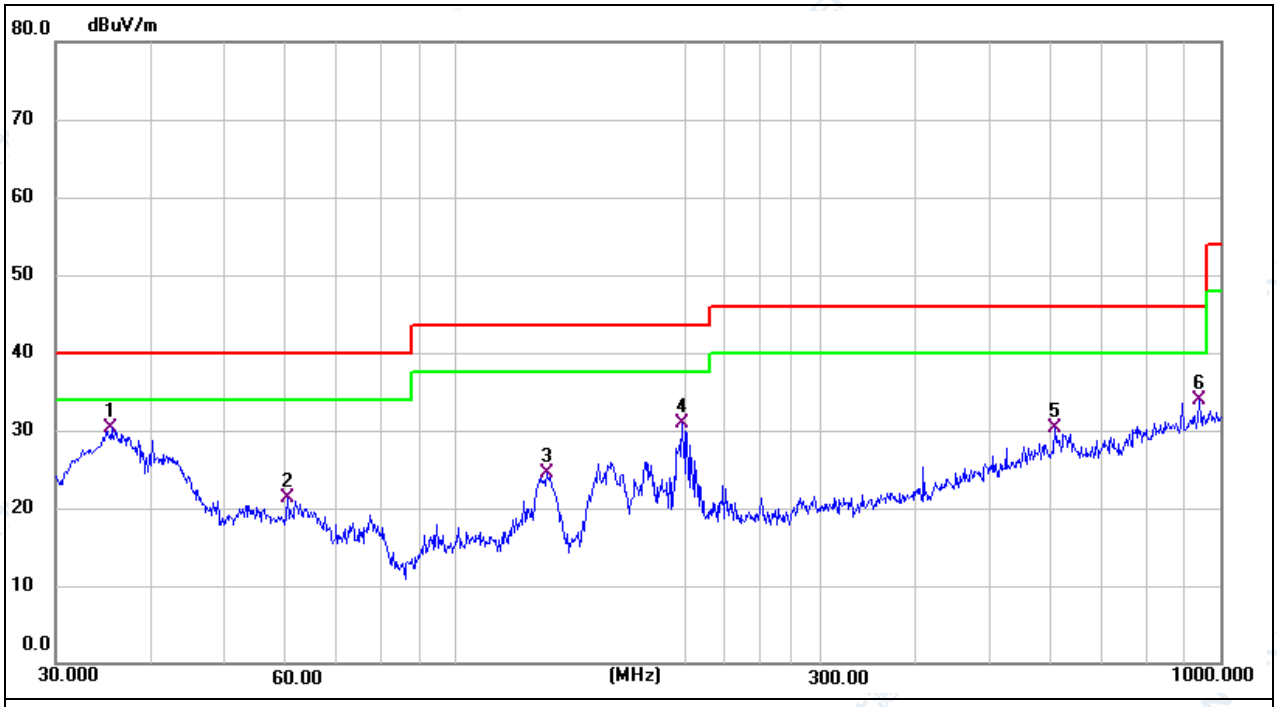
Remark:

Correct Factor = Antenna Factor + Cable Loss

Measurement Level = Reading Level + Correct Factor

Over Level = Measurement Level - Limit

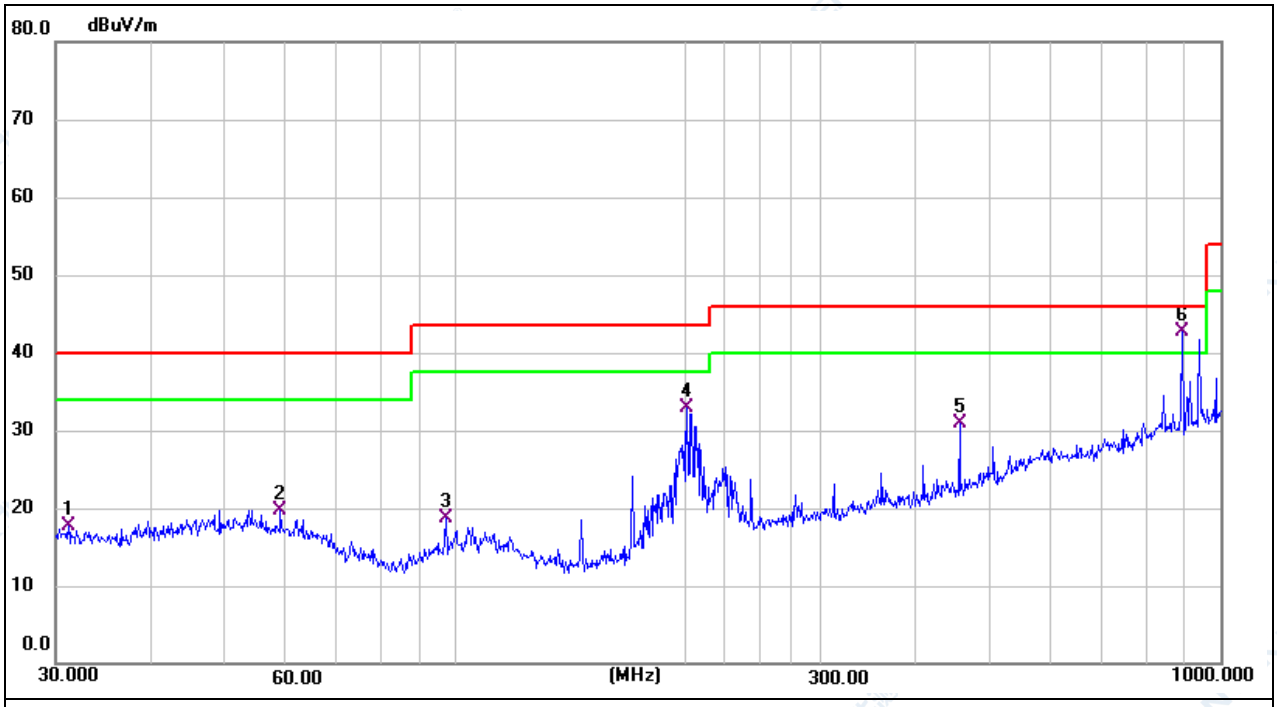
EUT:	Smartphone	Model Name:	KINGKONG POWER 5
Temperature:	23.9℃	Relative Humidity:	46%RH
Pressure:	1010hPa	Test Date:	2025-03-26
Test Mode:	Charging + Lighting + REC(Rear)	Polarization:	Vertical
Test Power:	AC 120V/60Hz(Adapter 1)		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	35.4990	12.57	17.76	30.33	40.00	-9.67	QP			P	
2	60.2800	2.56	18.77	21.33	40.00	-18.67	QP			P	
3	131.7579	9.49	15.06	24.55	43.50	-18.95	QP			P	
4	197.8930	13.87	17.10	30.97	43.50	-12.53	QP			P	
5	607.7870	3.80	26.48	30.28	46.00	-15.72	QP			P	
6	938.8330	3.17	30.82	33.99	46.00	-12.01	QP			P	

Remark:
Correct Factor = Antenna Factor + Cable Loss
Measurement Level = Reading Level + Correct Factor
Over Level = Measurement Level - Limit

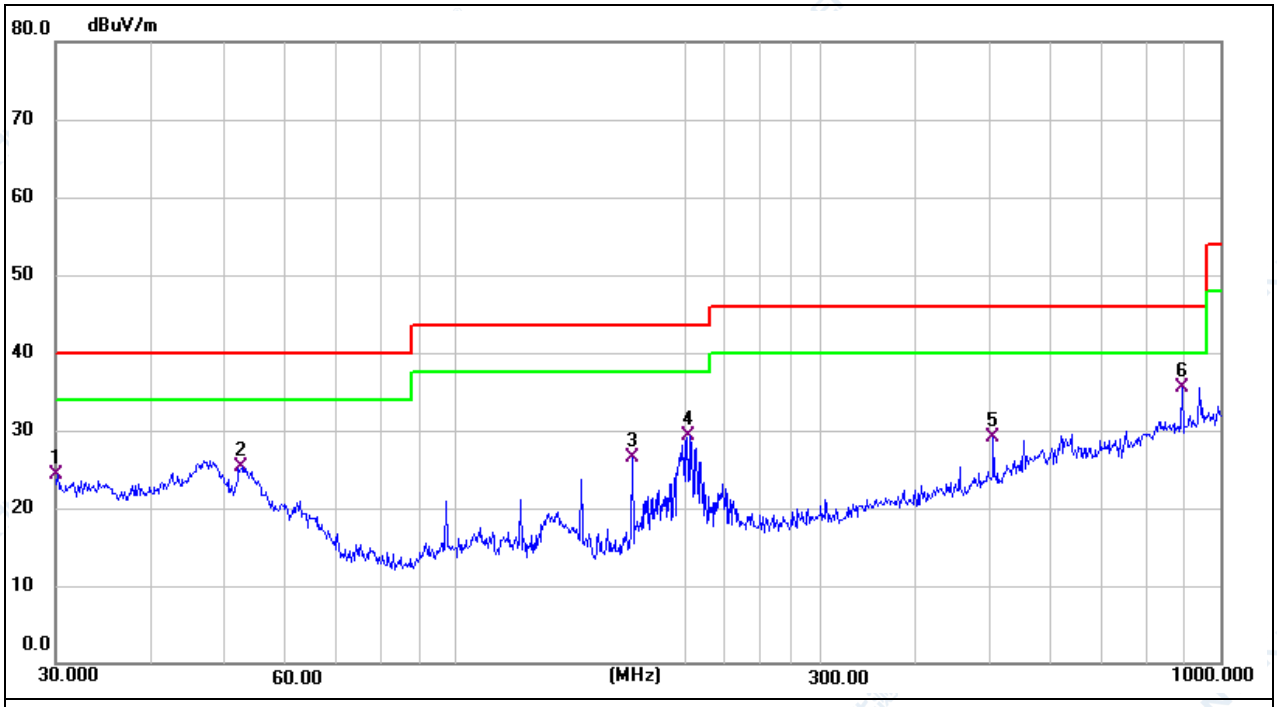
EUT:	Smartphone	Model Name:	KINGKONG POWER 5
Temperature:	23.9℃	Relative Humidity:	46%RH
Pressure:	1010hPa	Test Date:	2025-03-26
Test Mode:	Charging + Lighting + REC(Front)	Polarization:	Horizontal
Test Power:	AC 120V/60Hz(Adapter 2)		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	31.1800	0.29	17.42	17.71	40.00	-22.29	QP			P	
2	59.0250	0.56	19.20	19.76	40.00	-20.24	QP			P	
3	97.1150	2.01	16.71	18.72	43.50	-24.78	QP			P	
4	200.6880	15.45	17.40	32.85	43.50	-10.65	QP			P	
5	455.9060	7.88	23.08	30.96	46.00	-15.04	QP			P	
6 *	890.7280	12.72	29.94	42.66	46.00	-3.34	QP			P	

Remark:
Correct Factor = Antenna Factor + Cable Loss
Measurement Level = Reading Level + Correct Factor
Over Level = Measurement Level - Limit

EUT:	Smartphone	Model Name:	KINGKONG POWER 5
Temperature:	23.9℃	Relative Humidity:	46%RH
Pressure:	1010hPa	Test Date:	2025-03-26
Test Mode:	Charging + Lighting + REC(Front)	Polarization:	Vertical
Test Power:	AC 120V/60Hz(Adapter 2)		

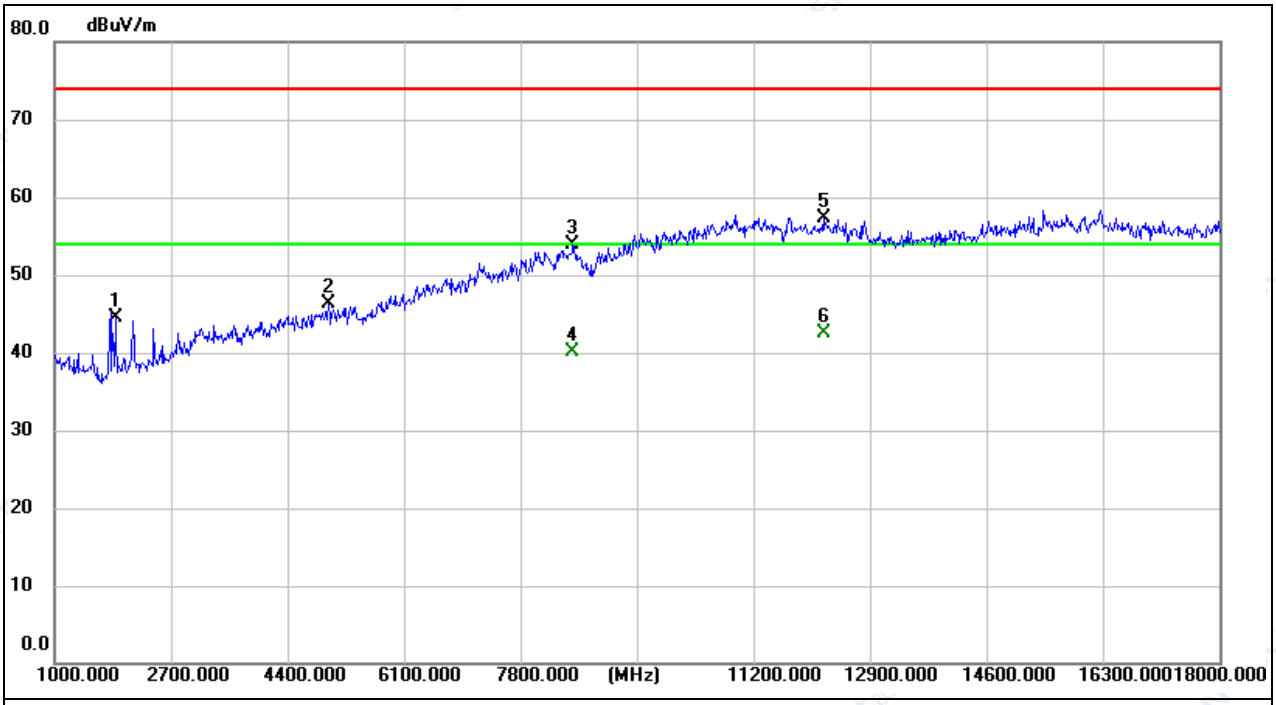


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	30.2110	6.76	17.45	24.21	40.00	-15.79	QP			P	
2	52.5750	5.74	19.54	25.28	40.00	-14.72	QP			P	
3	170.1950	11.17	15.37	26.54	43.50	-16.96	QP			P	
4	202.1000	12.15	17.08	29.23	43.50	-14.27	QP			P	
5	504.7060	4.70	24.48	29.18	46.00	-16.82	QP			P	
6 *	890.7280	5.64	29.94	35.58	46.00	-10.42	QP			P	

Remark:
Correct Factor = Antenna Factor + Cable Loss
Measurement Level = Reading Level + Correct Factor
Over Level = Measurement Level - Limit

3.2.7 TEST RESULTS (Above 1000MHz)

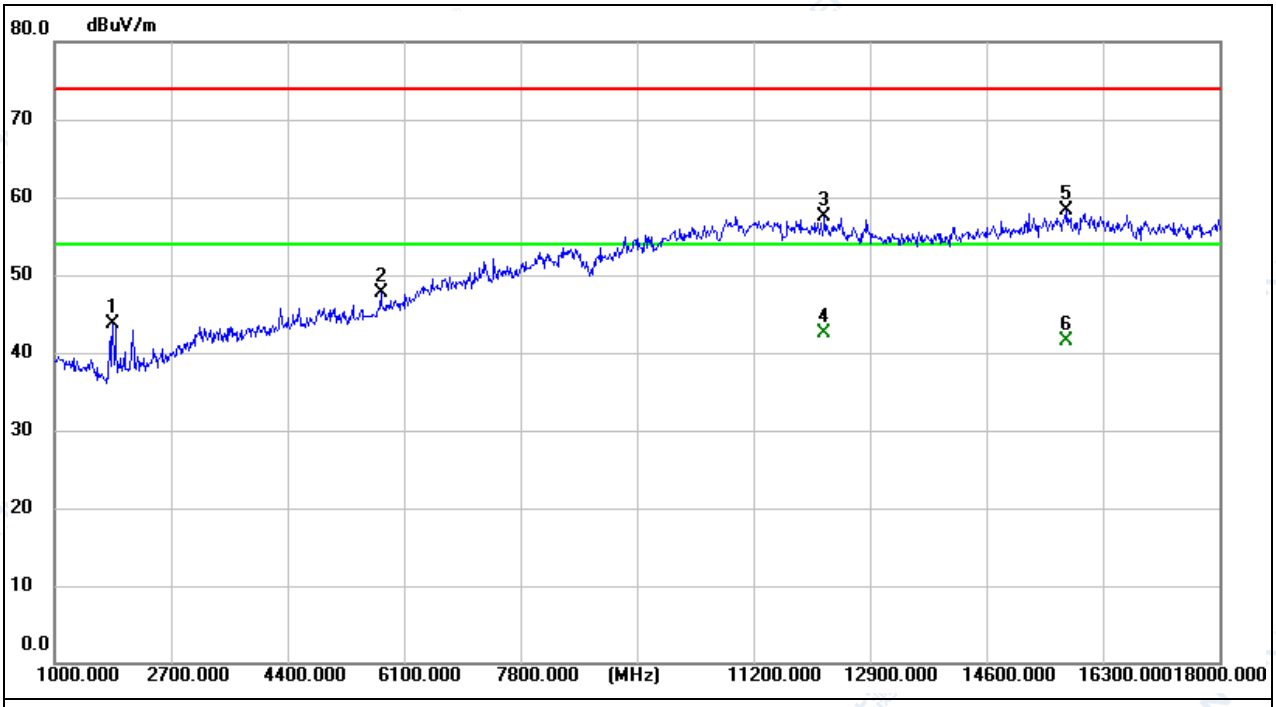
EUT:	Smartphone	Model Name:	KINGKONG POWER 5
Temperature:	24.0℃	Relative Humidity:	53%RH
Pressure:	1010hPa	Test Date:	2025-03-27
Test Mode:	Charging + Lighting + TF Playing	Polarization:	Horizontal
Test Power:	AC 120V/60Hz(Adapter 1)		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	1884.000	51.63	-7.11	44.52	74.00	-29.48	peak			P	
2	4995.000	44.19	2.04	46.23	74.00	-27.77	peak			P	
3	8565.000	45.49	8.38	53.87	74.00	-20.13	peak			P	
4	8565.000	31.76	8.38	40.14	54.00	-13.86	AVG			P	
5	12220.000	45.64	11.68	57.32	74.00	-16.68	peak			P	
6 *	12220.352	30.85	11.68	42.53	54.00	-11.47	AVG			P	

Remark:
Correct Factor = Antenna Factor + Cable Loss
Measurement Level = Reading Level + Correct Factor
Over Level = Measurement Level - Limit

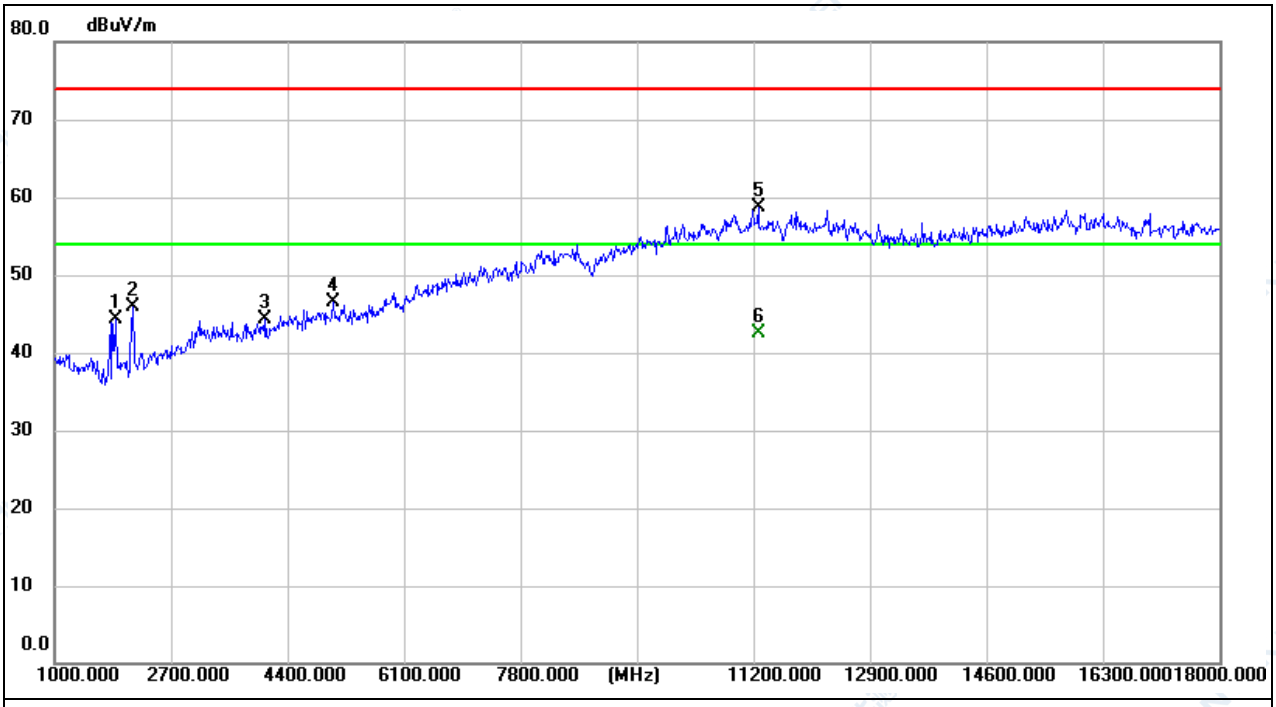
EUT:	Smartphone	Model Name:	KINGKONG POWER 5
Temperature:	24.0℃	Relative Humidity:	53%RH
Pressure:	1010hPa	Test Date:	2025-03-27
Test Mode:	Charging + Lighting + TF Playing	Polarization:	Vertical
Test Power:	AC 120V/60Hz(Adapter 1)		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	1850.000	50.92	-7.26	43.66	74.00	-30.34	peak			P	
2	5760.000	44.65	3.14	47.79	74.00	-26.21	peak			P	
3	12237.000	45.79	11.67	57.46	74.00	-16.54	peak			P	
4 *	12237.000	30.87	11.67	42.54	54.00	-11.46	AVG			P	
5	15773.000	44.80	13.54	58.34	74.00	-15.66	peak			P	
6	15773.420	27.99	13.54	41.53	54.00	-12.47	AVG			P	

Remark:
Correct Factor = Antenna Factor + Cable Loss
Measurement Level = Reading Level + Correct Factor
Over Level = Measurement Level - Limit

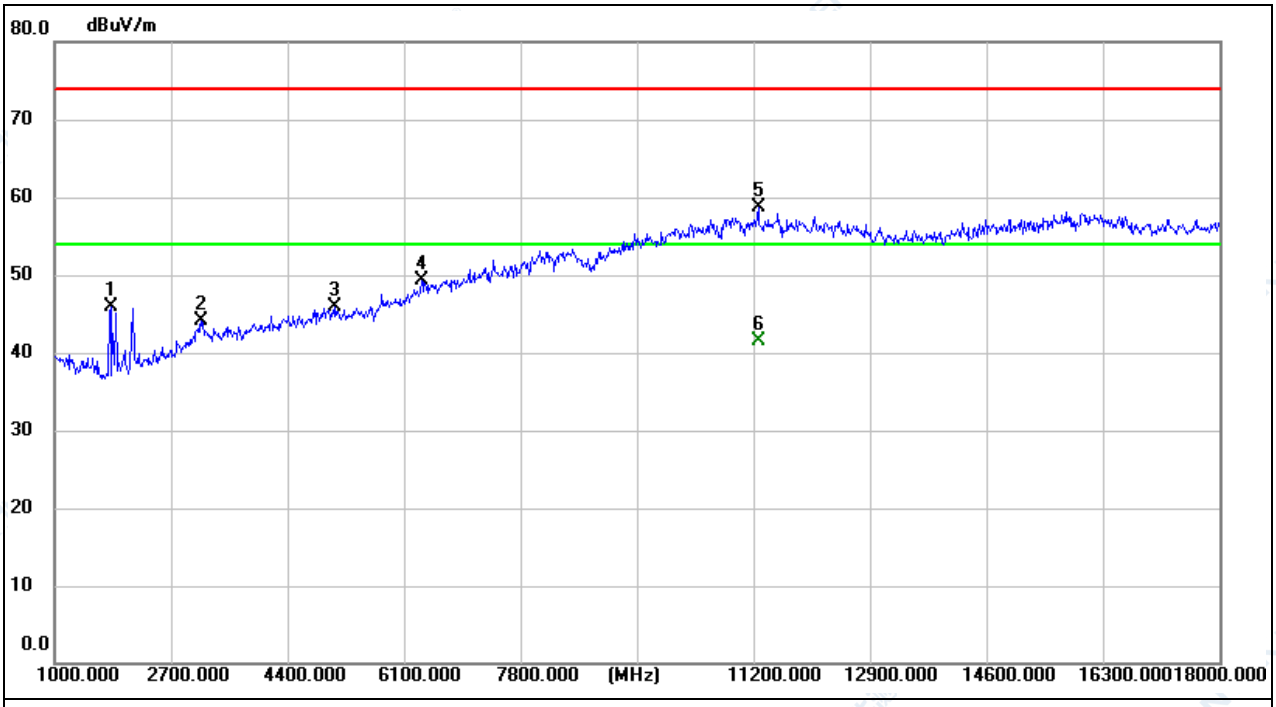
EUT:	Smartphone	Model Name:	KINGKONG POWER 5
Temperature:	24.0℃	Relative Humidity:	53%RH
Pressure:	1010hPa	Test Date:	2025-03-27
Test Mode:	Charging + Lighting + TF Playing	Polarization:	Horizontal
Test Power:	AC 120V/60Hz(Adapter 2)		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	1884.000	51.44	-7.11	44.33	74.00	-29.67	peak			P	
2	2139.000	51.64	-5.79	45.85	74.00	-28.15	peak			P	
3	4077.000	44.96	-0.56	44.40	74.00	-29.60	peak			P	
4	5063.000	44.31	2.18	46.49	74.00	-27.51	peak			P	
5	11268.000	46.55	12.06	58.61	74.00	-15.39	peak			P	
6 *	11268.730	30.42	12.06	42.48	54.00	-11.52	AVG			P	

Remark:
Correct Factor = Antenna Factor + Cable Loss
Measurement Level = Reading Level + Correct Factor
Over Level = Measurement Level - Limit

EUT:	Smartphone	Model Name:	KINGKONG POWER 5
Temperature:	24.0℃	Relative Humidity:	53%RH
Pressure:	1010hPa	Test Date:	2025-03-27
Test Mode:	Charging + Lighting + TF Playing	Polarization:	Vertical
Test Power:	AC 120V/60Hz(Adapter 2)		

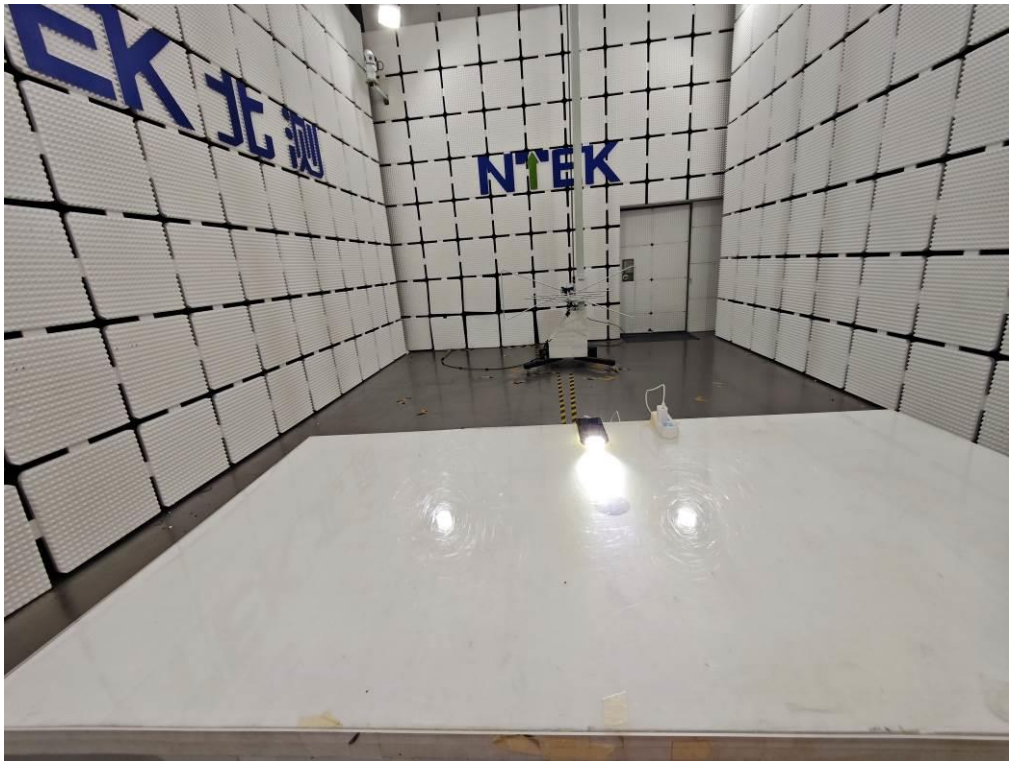


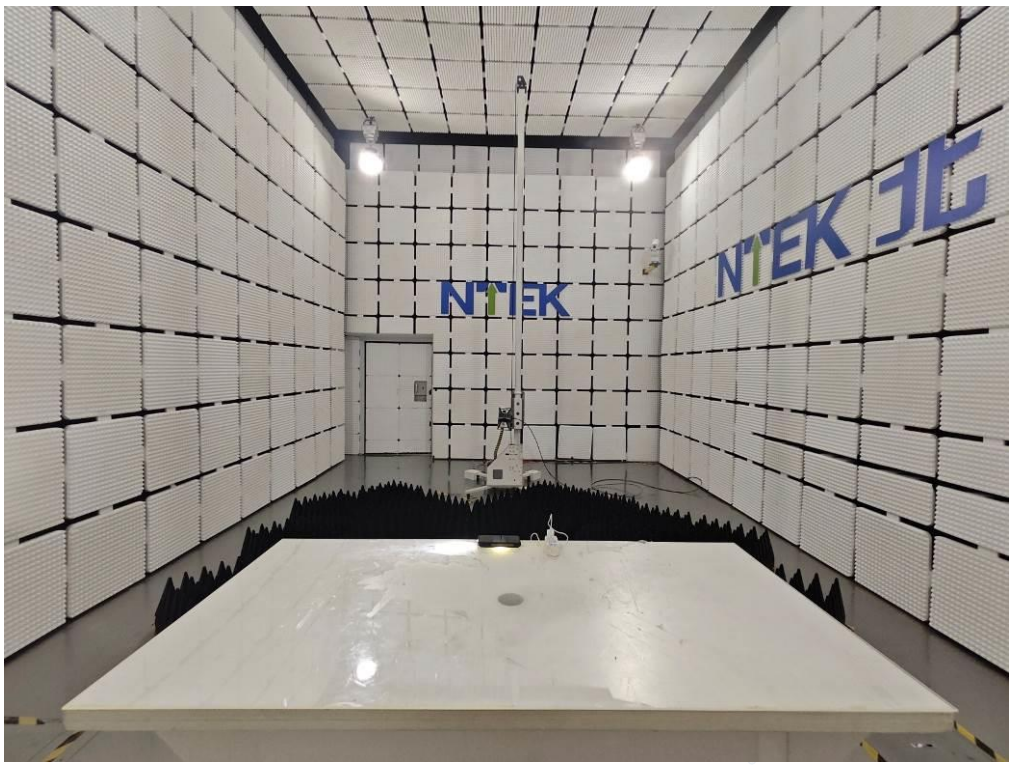
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	1816.000	53.34	-7.42	45.92	74.00	-28.08	peak			P	
2	3142.000	46.46	-2.45	44.01	74.00	-29.99	peak			P	
3	5097.000	43.67	2.19	45.86	74.00	-28.14	peak			P	
4	6355.000	45.02	4.31	49.33	74.00	-24.67	peak			P	
5	11268.000	46.74	12.06	58.80	74.00	-15.20	peak			P	
6 *	11268.740	29.40	12.06	41.46	54.00	-12.54	AVG			P	

Remark:
Correct Factor = Antenna Factor + Cable Loss
Measurement Level = Reading Level + Correct Factor
Over Level = Measurement Level - Limit

4. EUT TEST PHOTO

Radiated Measurement Photo





Conducted Measurement Photo



ATTACHMENT PHOTOGRAPHS OF EUT

Photo 1



Photo 2



Photo 3



Photo 4



Photo 5



Photo 6

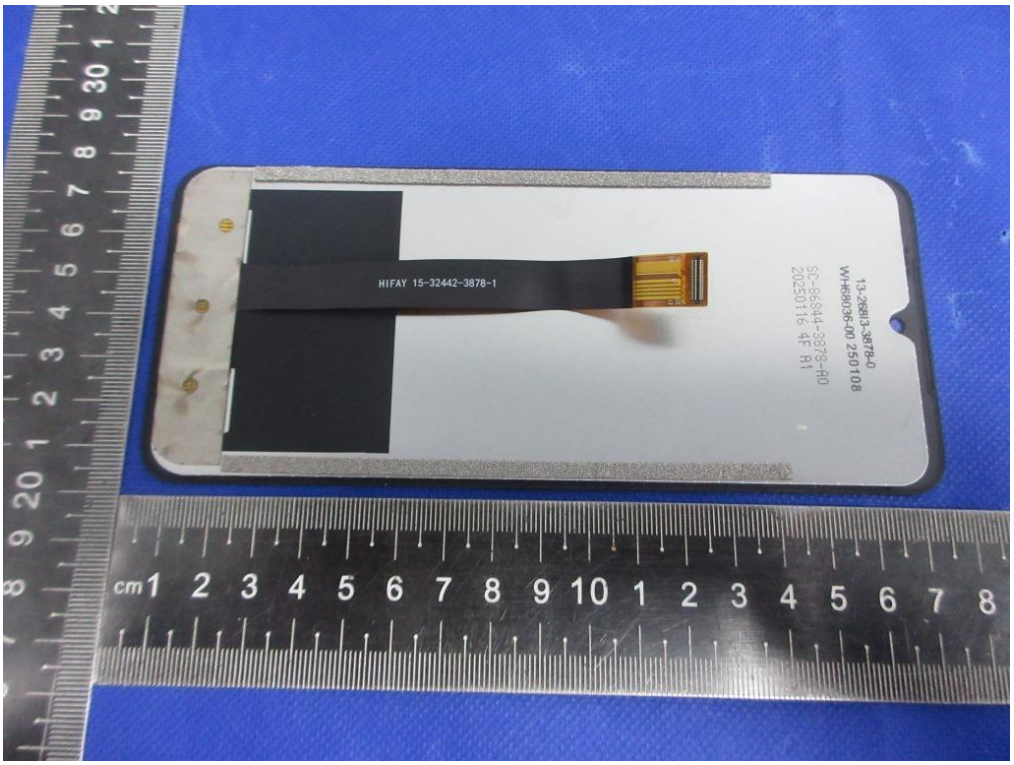


Photo 7

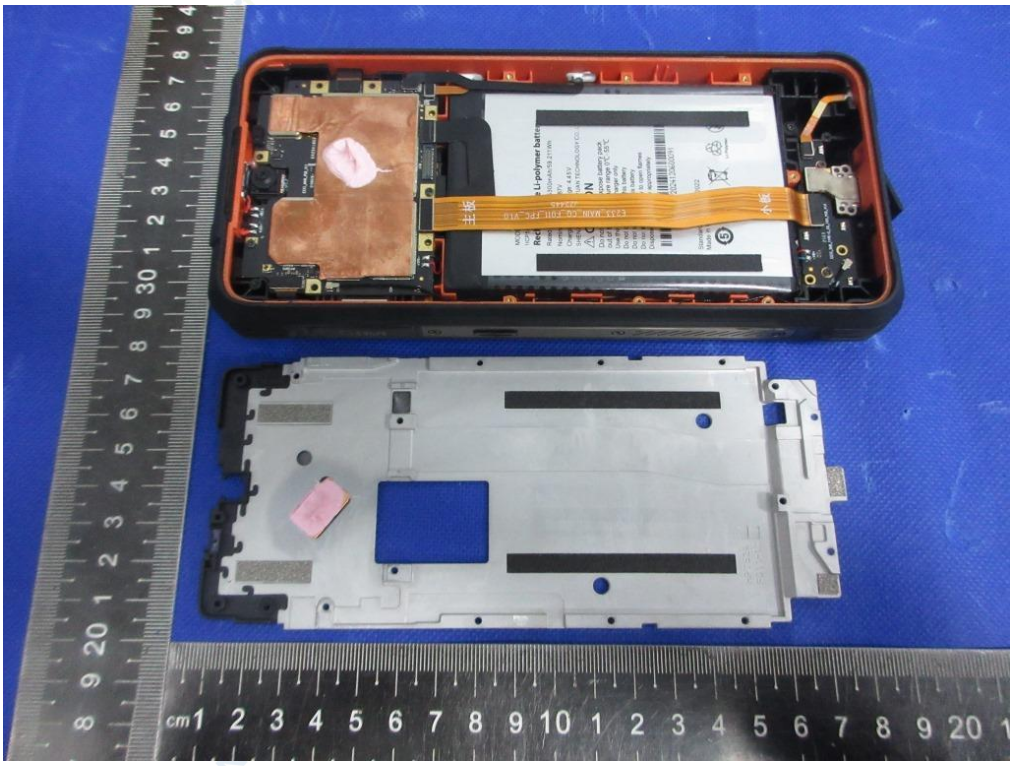


Photo 8



Photo 9

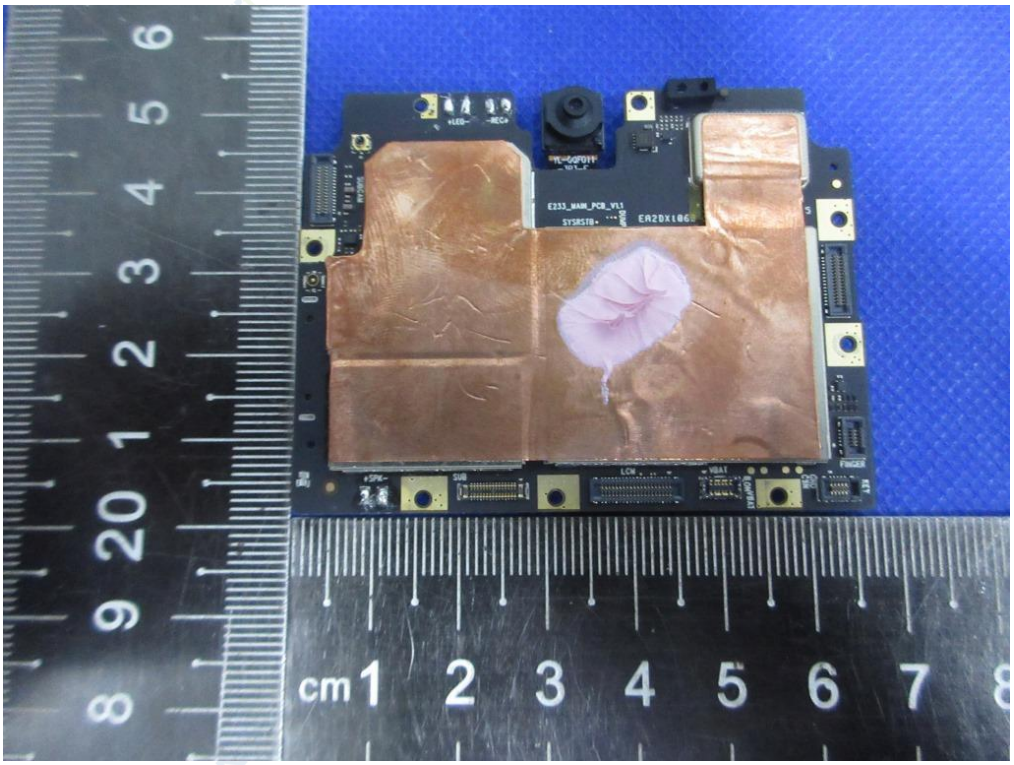


Photo 10

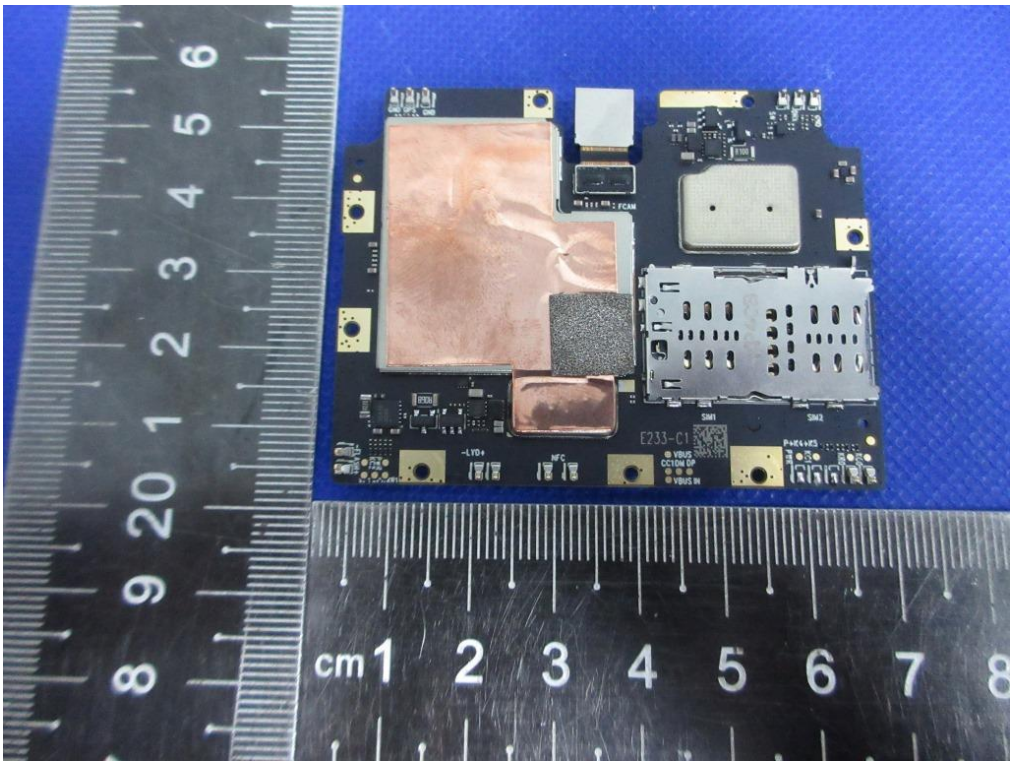


Photo 11

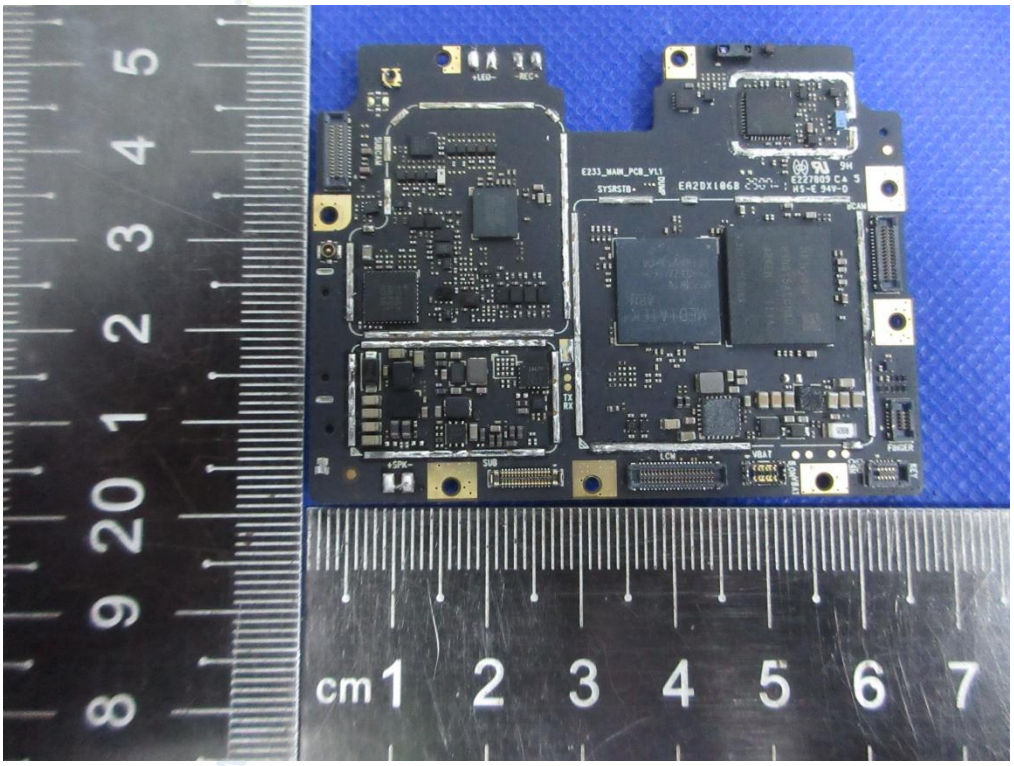


Photo 12

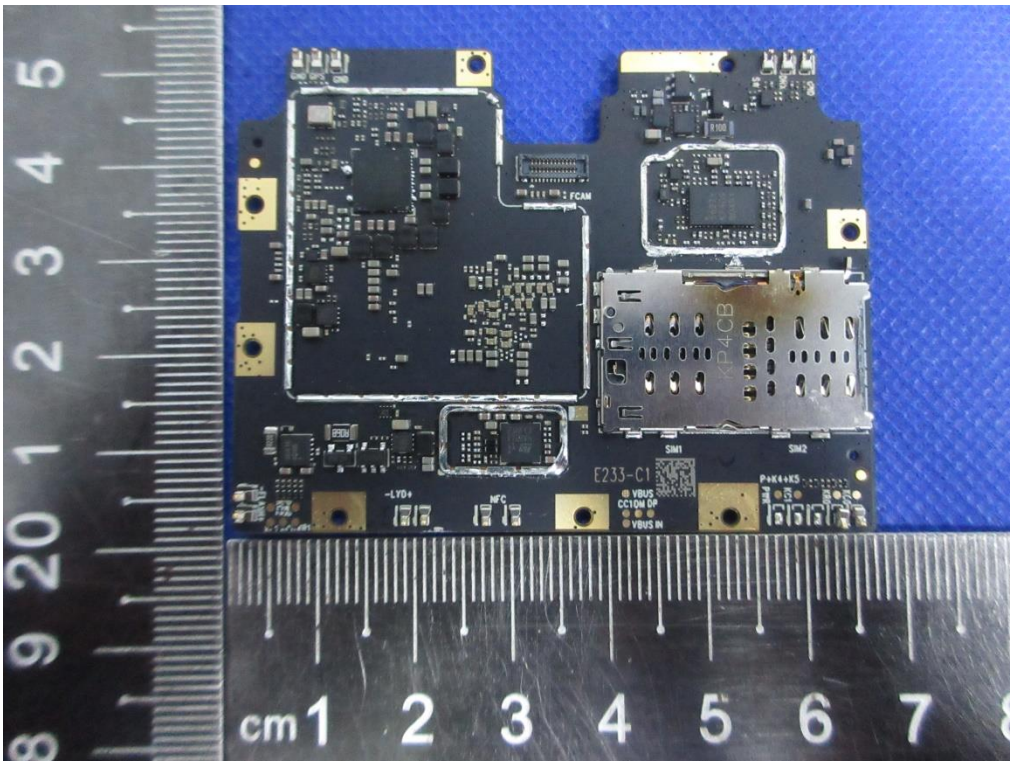


Photo 13



Photo 14

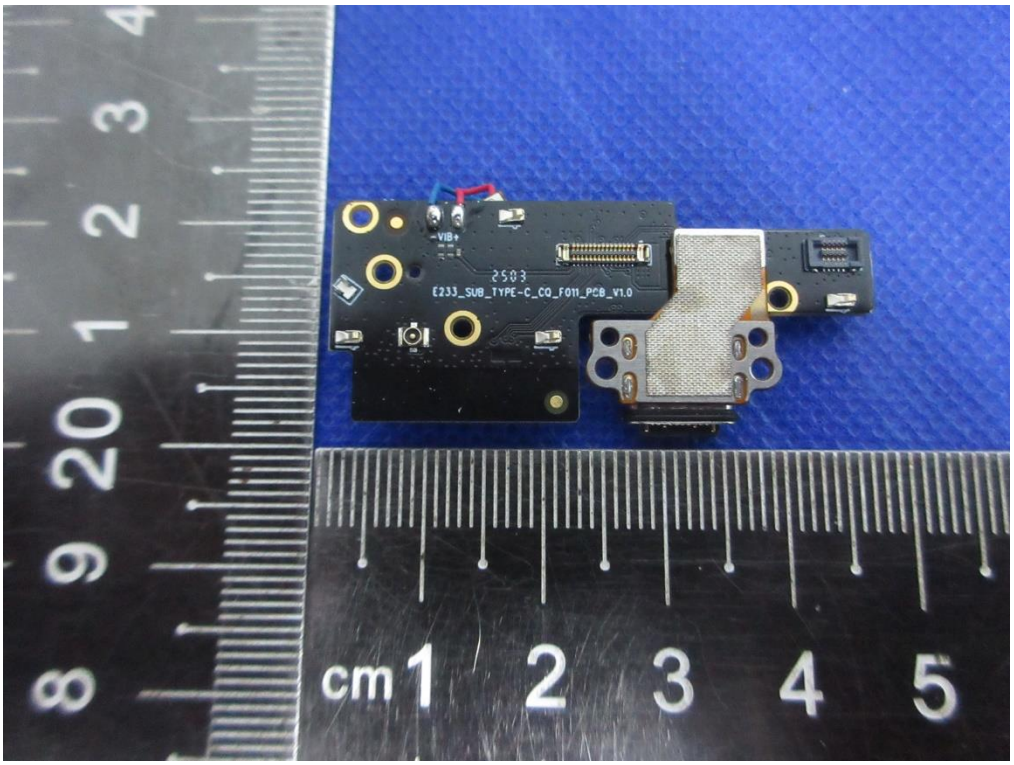


Photo 15

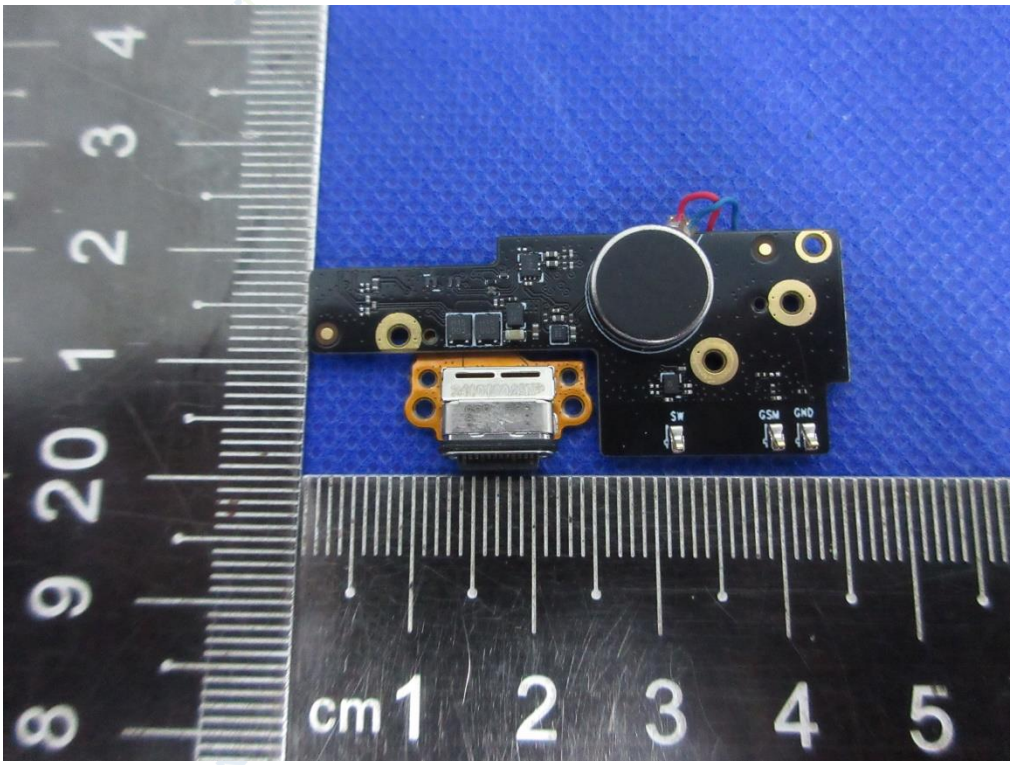


Photo 16



Photo 17

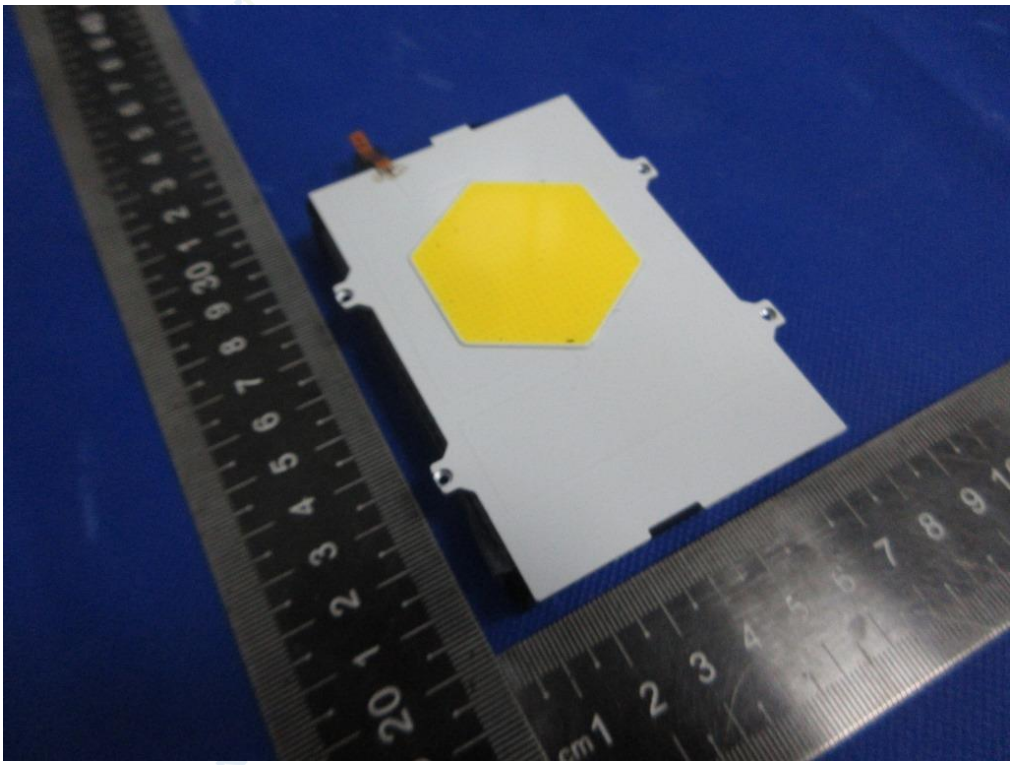


Photo 18



Photo 19

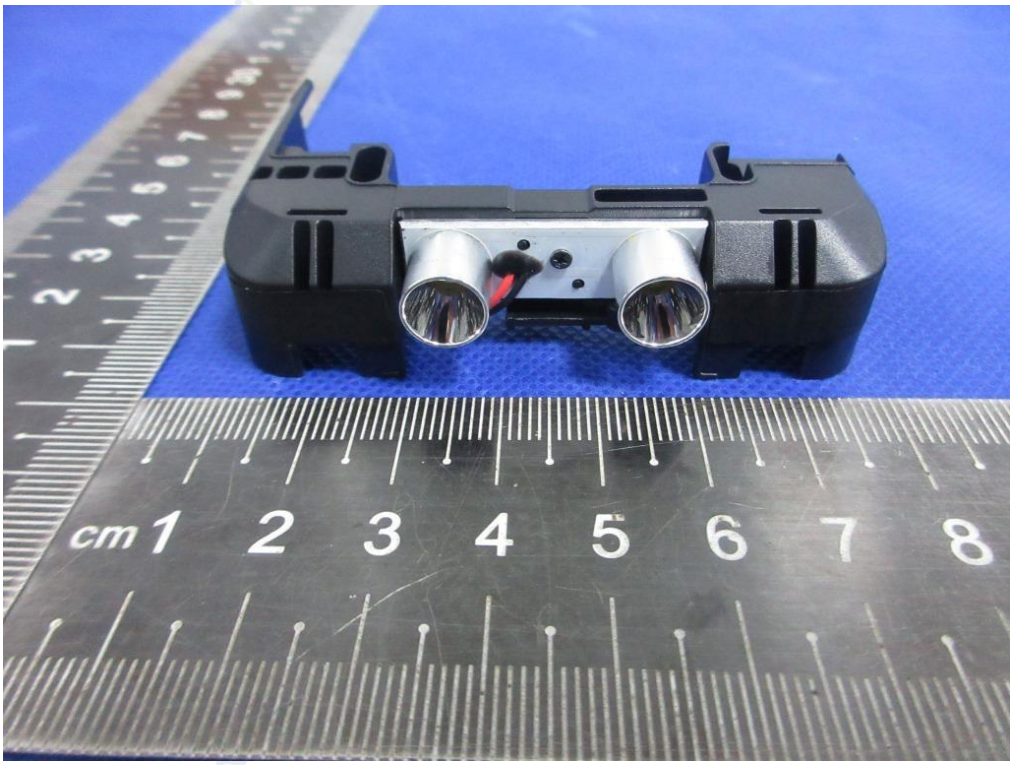


Photo 20

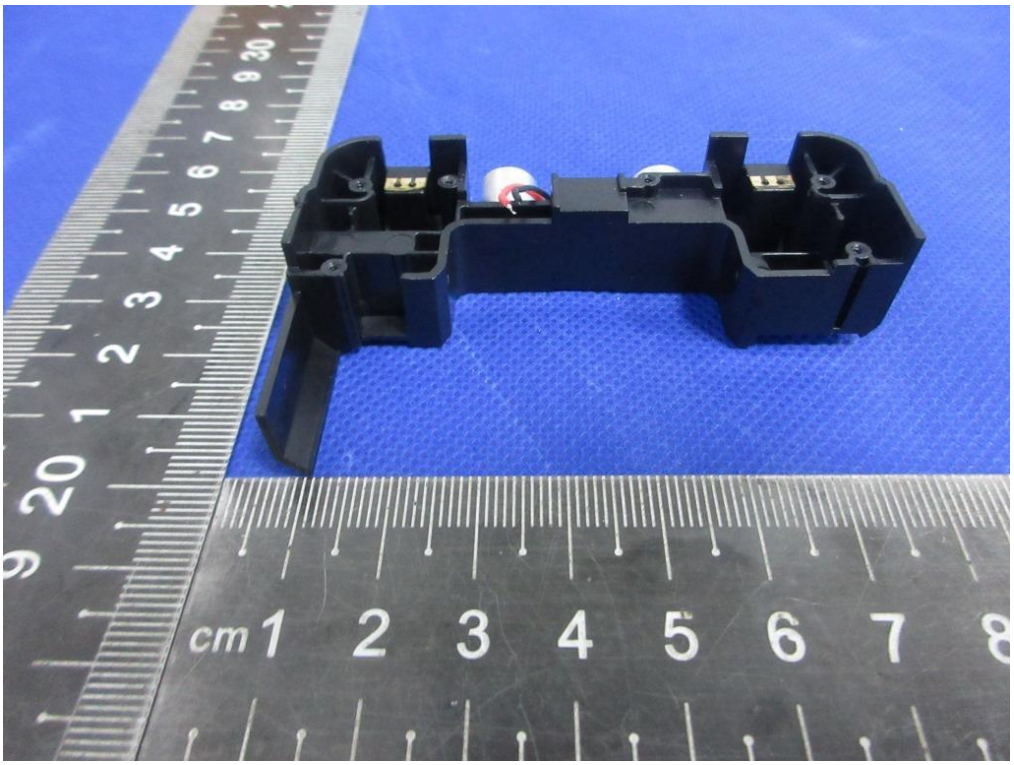


Photo 21

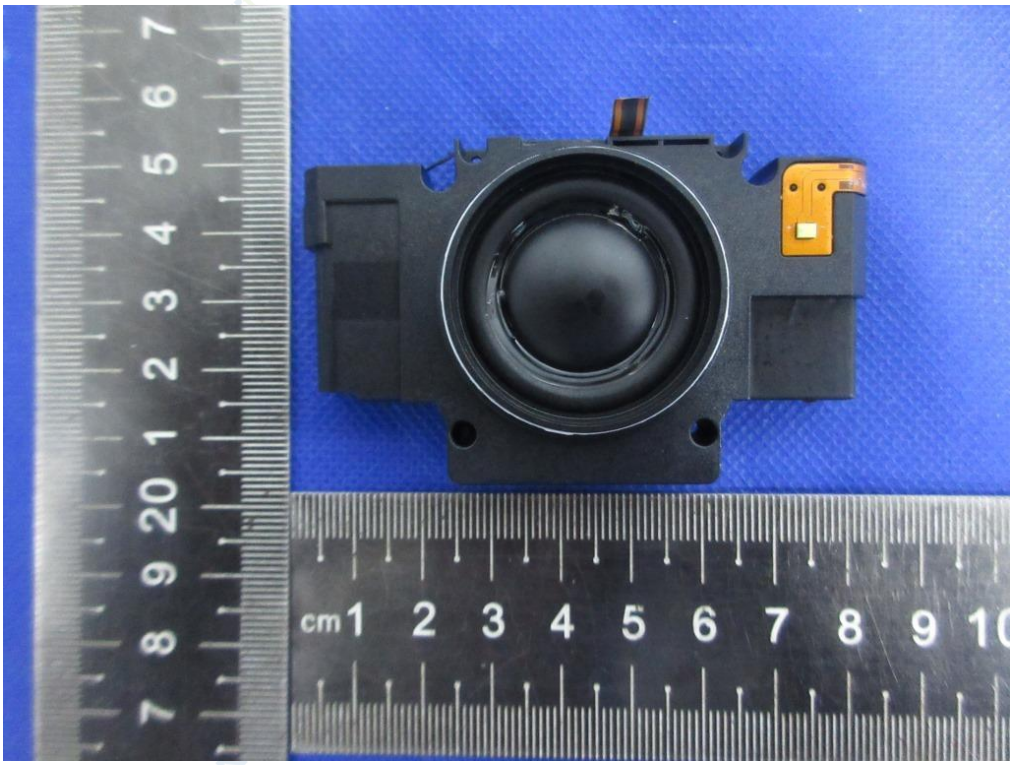


Photo 22

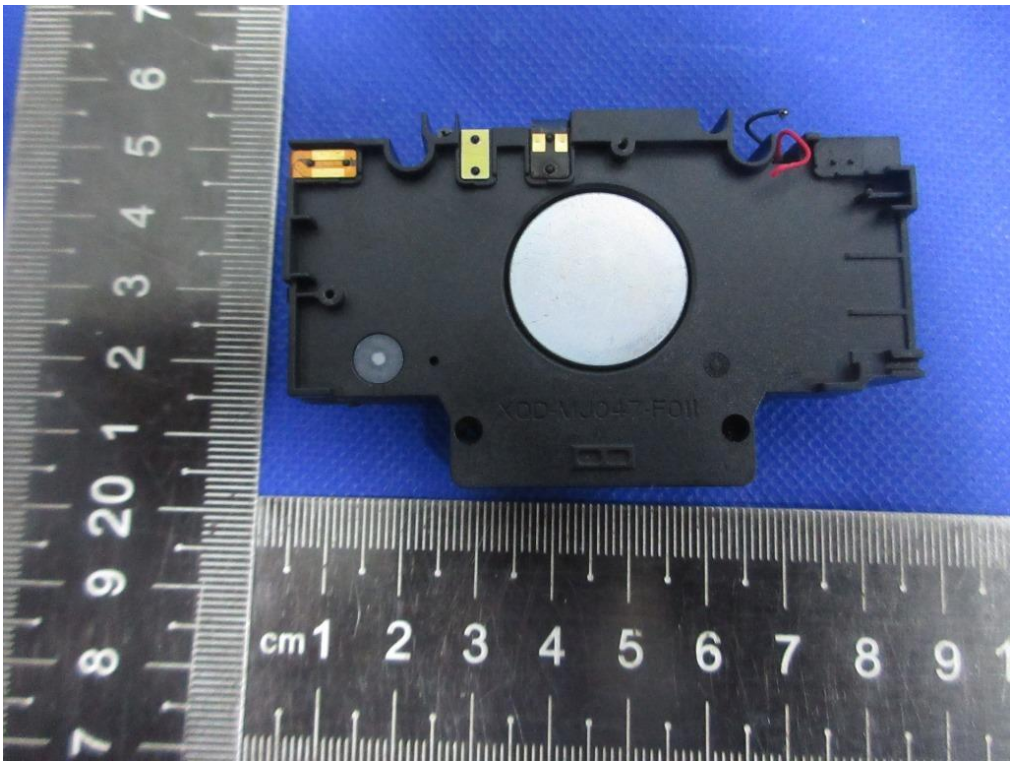


Photo 23 (Adapter1)

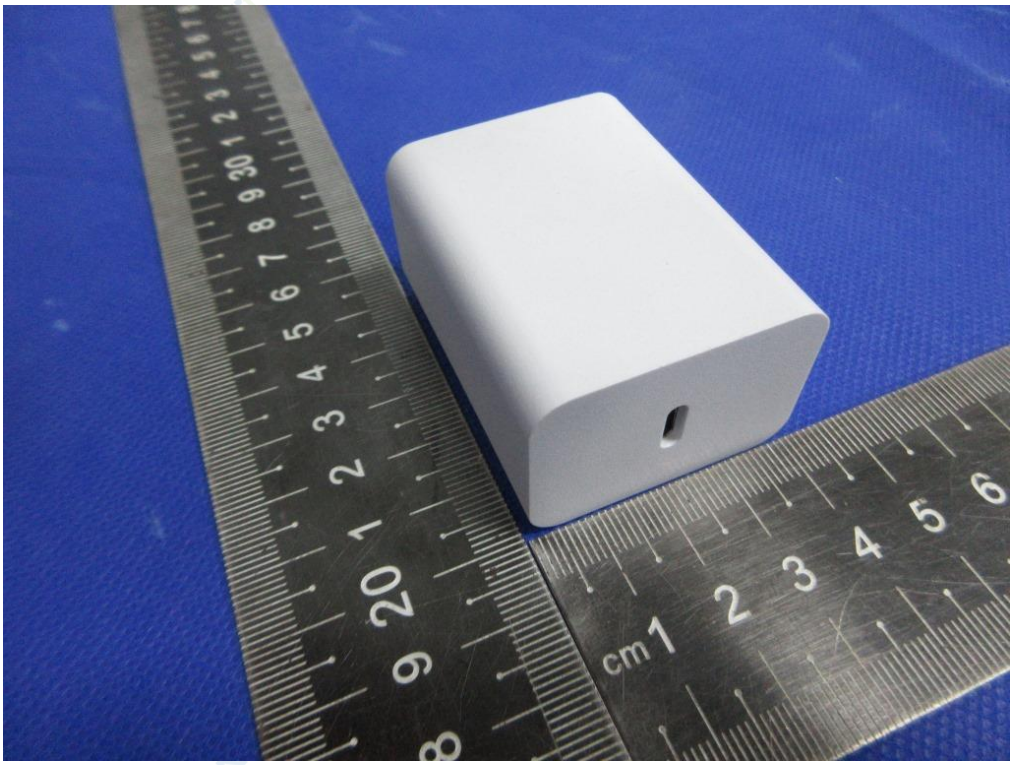


Photo 24

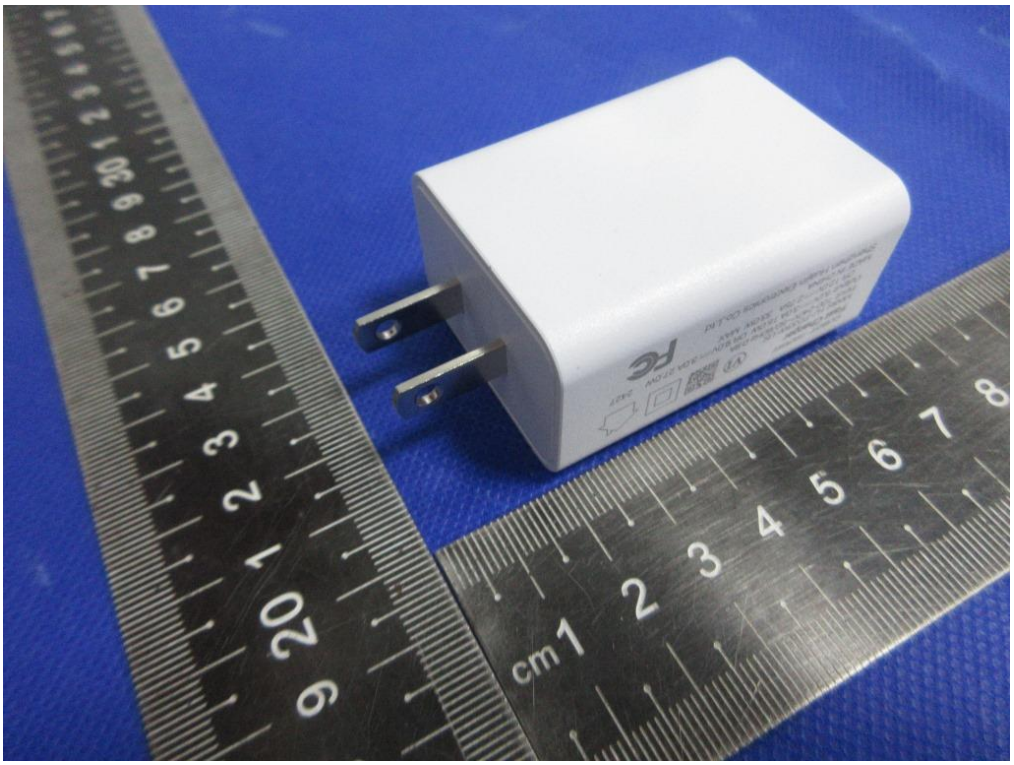


Photo 25



Photo 26 (Adapter2)



Photo 27

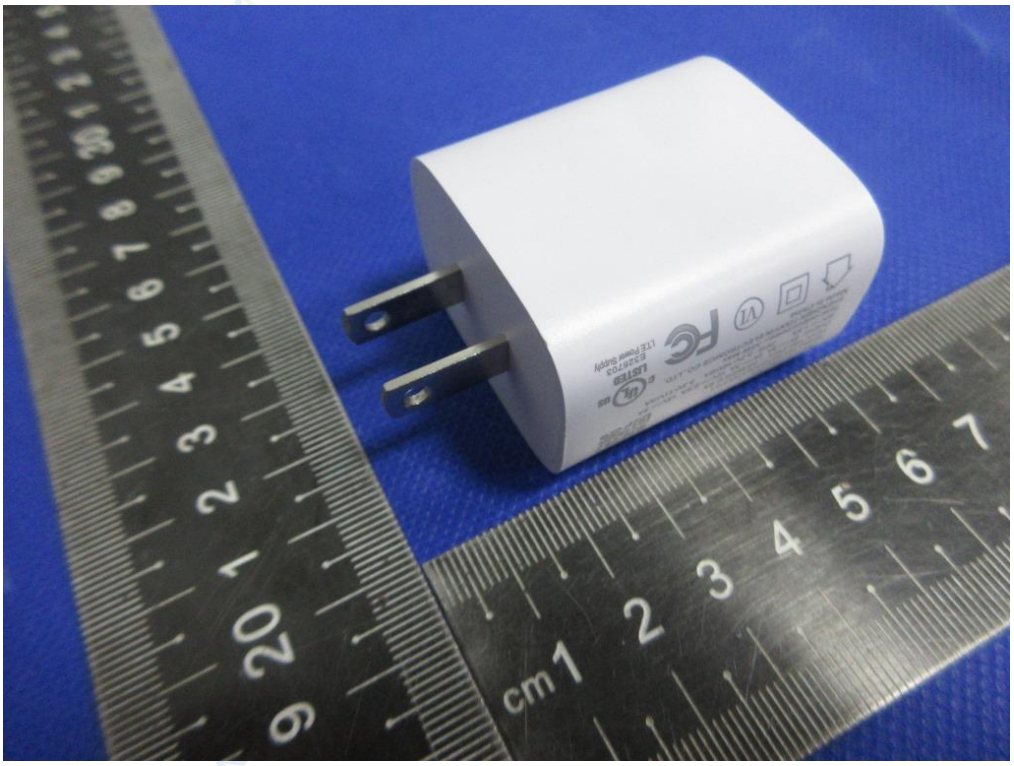


Photo 28



------ End of Report ------