

# FCC EMC Test Report



Subject to  
Supplier's Declaration of Conformity  
Procedure

**Product :** Smart Phone  
**Trade Mark :** DOOGEE  
**Model Number :** N55, N55 Pro, N55S, N55E, N55 SE, N55 Plus,  
N55 Max, N55 Ultra

**Prepared for**

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### TEST RESULT CERTIFICATION

**Applicant's Name** .....: Shenzhen DOOGEE Hengtong Technology CO.,LTD  
**Address** .....: B, 2/F, Building A4, Silicon Valley Power Digital Industrial Park,  
No.22, Longhua New District, Shenzhen, China

**Manufacturer's Name**.....: Shenzhen DOOGEE Hengtong Technology CO.,LTD  
**Address** .....: B, 2/F, Building A4, Silicon Valley Power Digital Industrial Park,  
No.22, Longhua New District, Shenzhen, China

**Product description**

**Product Name**.....: Smart Phone  
**Model Number** .....: N55, N55 Pro, N55S, N55E, N55 SE, N55 Plus, N55 Max, N55  
Ultra  
**Standards** .....: 47 CFR FCC part 15 subpart B, 10-1-2023  
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** ..... : S240314076006  
**Date of Test** ..... :  
**Date (s) of performance of tests** ..... : 15 Mar. 2024 ~ 30 Mar. 2024  
**Date of Issue** ..... : 30 Mar. 2024  
**Test Result** ..... : **Pass**

Testing Engineer : Allen. Huang  
(Allen Huang)

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, 10-1-2023 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. : 1/F, Building E, Fenda Science Park Sanwei, Hangcheng, Bao'an District Shenzhen, Guangdong, People's Republic of 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  $y \pm U$ , where expanded 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



## 2. GENERAL INFORMATION

### 2.1 GENERAL DESCRIPTION OF EUT

Equipment	Smart Phone				
Model Number	N55				
Additional Model Number(s)	N55 Pro, N55S, N55E, N55 SE, N55 Plus, N55 Max, N55 Ultra				
Model Difference	All models are identical except model's name.				
Product Description	The EUT is a Smart Phone.				
	<table border="1"> <tr> <td>Operating frequency:</td> <td>2.4 GHz by WiFi (Declaration by Manufacturer)</td> </tr> <tr> <td>Connecting I/O port:</td> <td>N/A</td> </tr> </table>	Operating frequency:	2.4 GHz by WiFi (Declaration by Manufacturer)	Connecting I/O port:	N/A
	Operating frequency:	2.4 GHz by WiFi (Declaration by Manufacturer)			
Connecting I/O port:	N/A				
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: DGCDQ-BC023-02 Adapter Rating: Input: AC 100-240V, 50/60Hz, 0.35A Max. Output: DC 5.0V, 2.0A, 10.0W Power: 10.0W Max. Battery Rating: DC 3.87V, 5150mAh, 19.93Wh				

## 2.2 DESCRIPTION OF TEST MODES

To investigate the maximum EMI emission characteristics generated from EUT, the test system was pre-scanning tested based on the consideration of following EUT operation mode or test configuration mode which possibly 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.

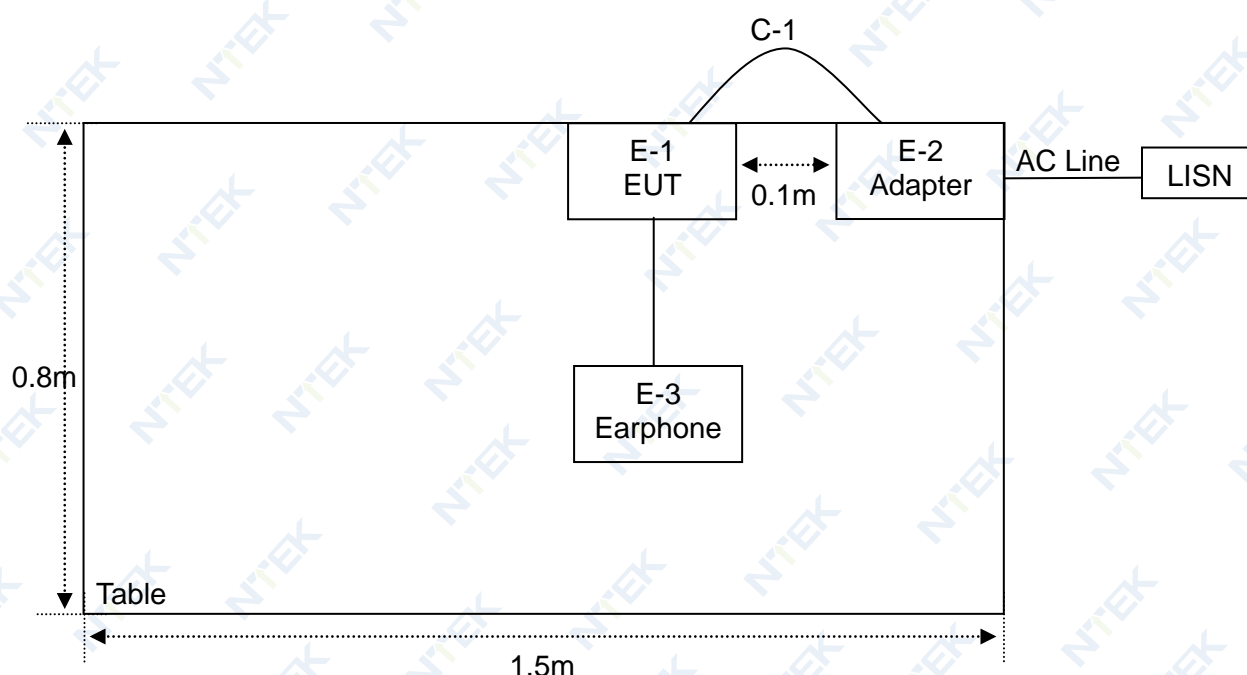
Pretest Mode	Description
Mode 1	Charging + REC(Front / Rear)
Mode 2	Charging + TF Playing
Mode 3	Data Transmission
Mode 4	Charging + FM(87.6MHz / 98MHz / 107.9MHz)

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

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

## 2.3 DESCRIPTION OF TEST SETUP

Mode CE : Charging + REC(Rear)



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	Smart Phone	DOOGEE	N55	N/A	EUT
E-2	Adapter	N/A	DGCDQ-BC023-02	N/A	EUT
E-3	Earphone	N/A	N/A	N/A	

Item	Shielded Type	Ferrite Core	Length	Note
C-1	NO	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	May 29, 2023	May 28, 2024	1 year
2	Single Phase LISN	R&S	ENV216	101313	Mar. 12, 2024	Mar. 11, 2025	1 year
3	Three-Phase LISN	SCHWARZB ECK	NNLK 8129	8129245	Mar. 12, 2024	Mar. 11, 2025	1 year
4	Low Frequency Cable	N/A	R-03	N/A	Jun. 17, 2022	Jun. 16, 2025	3 years
5	50Ω Coaxial Switch	Anritsu	MP59B	6200983704	May 06, 2023	May 05, 2026	3 years
6	EMI Test Receiver	R&S	ESCI	101160	Mar. 12, 2024	Mar. 11, 2025	1 year
7	EMI Test Receiver	R&S	ESPI3	101417	Nov. 03, 2023	Nov. 02, 2024	1 year
8	EMI Test Receiver	R&S	ESPI3	100145	Nov. 03, 2023	Nov. 02, 2024	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	May 14, 2021	May 13, 2024	3 years
2	3m Anechoic Chamber	N/A	9*6*6	N/A	Jul. 28, 2022	Jul. 27, 2025	3 years
3	EMI Test Receiver	R&S	ESPI7	101318	Mar. 12, 2024	Mar. 11, 2025	1 year
4	Bilog Antenna	TESEQ	CBL6111D	31216	Mar. 11, 2024	Mar. 10, 2025	1 year
5	50Ω Coaxial Switch	Anritsu	MP59B	6200983705	May 06, 2023	May 05, 2026	3 years
6	Cable	Talent Microwave	A81-NWMS MAM-12M	21120897	Dec. 16, 2021	Dec. 15, 2024	3 years
7	Cable	Talent Microwave	A81-NMNM -10M	24012011	Jan. 23, 2024	Jan. 22, 2027	3 years
8	Cable	Talent Microwave	A81-NMNM -10M	22084896	Feb. 01, 2024	Jan. 31, 2027	3 years
9	Log-Periodic Antenna	SCHWARZB ECK	VULB 9162	584	Dec. 29, 2023	Dec. 28, 2024	1 year
10	Log-Periodic Antenna	SCHWARZB ECK	VULB 9162	586	Dec. 29, 2023	Dec. 28, 2024	1 year
11	Cable	Talent Microwave	A81-NMNM -2M	22084895	Sep. 09, 2022	Sep. 08, 2025	3 years
12	Attenuator	Eastsheep	5W-N-JK-6 G-6DB	N/A	Aug. 08, 2023	Aug. 07, 2024	1 year
13	Attenuator	Eastsheep	5W-N-JK-6 G-6DB	N/A	Jul. 31, 2023	Jul. 30, 2024	1 year
14	Broadband Horn Antenna	EM	EM-AH-101 80	2011071402	Mar. 31, 2022	Mar. 30, 2025	3 years
15	Broadband Horn Antenna	SCHWARZB ECK	BBHA 9120 D	2816	Jan. 12, 2023	Jan. 11, 2026	3 years
16	Broadband Horn Antenna	SCHWARZB ECK	BBHA 9120 D	2817	Jan. 12, 2023	Jan. 11, 2026	3 years
17	Spectrum Analyzer	Keysight	N9020A	MY532802 44	Nov. 03, 2023	Nov. 02, 2024	1 year
18	Spectrum Analyzer	Agilent	E4440A	MY410001 30	Mar. 12, 2024	Mar. 11, 2025	1 year
19	Pre-Amplifier	EMC	EMC05183 5SE	980246	May 29, 2023	May 28, 2024	1 year
20	Cable	Keysight	A40-2.92M 2.92M-2M	1808041	Nov. 01, 2022	Oct. 31, 2025	3 years
21	Broadband Horn Antenna	SCHWARZB ECK	BBHA 9170	803	Nov. 07, 2022	Nov. 06, 2025	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	AIT-03A

### 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.

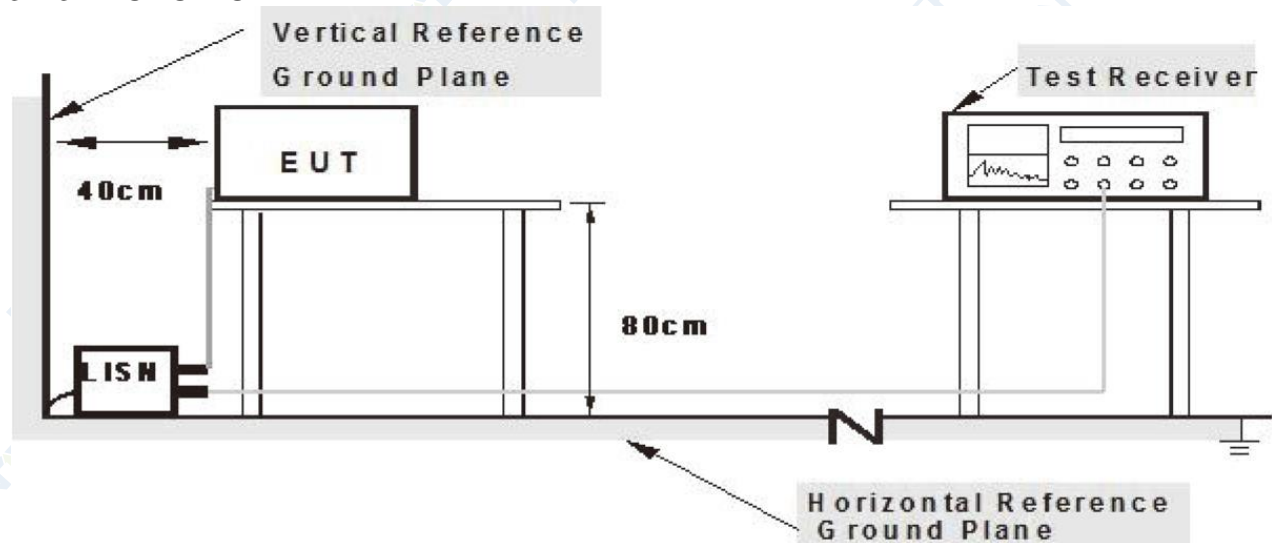
The following table is the setting of the receiver

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



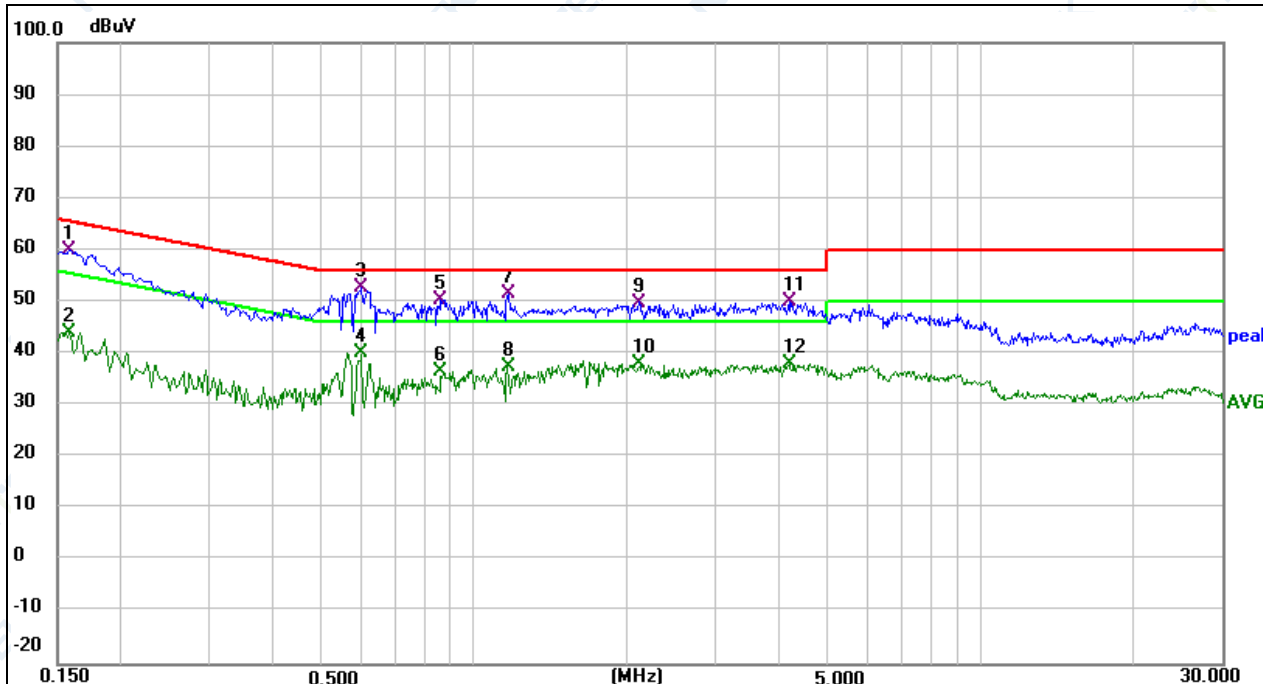
**Note: 1. Support units were connected to second LISN.  
 2. Both of LISN's (AMN) are 80 cm from EUT and at least 80 from other units and other metal planes**

##### 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:	Smart Phone	Model Name:	N55
Temperature:	18.5°C	Relative Humidity:	45%RH
Pressure:	1010hPa	Test Date:	2024-03-19
Test Mode:	Charging + REC(Rear)	Phase:	L
Test Voltage:	AC 120V/60Hz		



No.	Frequency (MHz)	Reading ( )	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.1581	50.10	9.95	60.05	65.56	-5.51	QP	P	
2	0.1581	34.01	9.95	43.96	55.56	-11.60	AVG	P	
3 *	0.5980	41.99	10.85	52.84	56.00	-3.16	QP	P	
4	0.5980	29.21	10.85	40.06	46.00	-5.94	AVG	P	
5	0.8580	39.01	11.38	50.39	56.00	-5.61	QP	P	
6	0.8580	25.09	11.38	36.47	46.00	-9.53	AVG	P	
7	1.1660	39.43	12.00	51.43	56.00	-4.57	QP	P	
8	1.1660	25.32	12.00	37.32	46.00	-8.68	AVG	P	
9	2.1140	40.24	9.66	49.90	56.00	-6.10	QP	P	
10	2.1140	28.35	9.66	38.01	46.00	-7.99	AVG	P	
11	4.1940	40.28	9.67	49.95	56.00	-6.05	QP	P	
12	4.1940	28.35	9.67	38.02	46.00	-7.98	AVG	P	

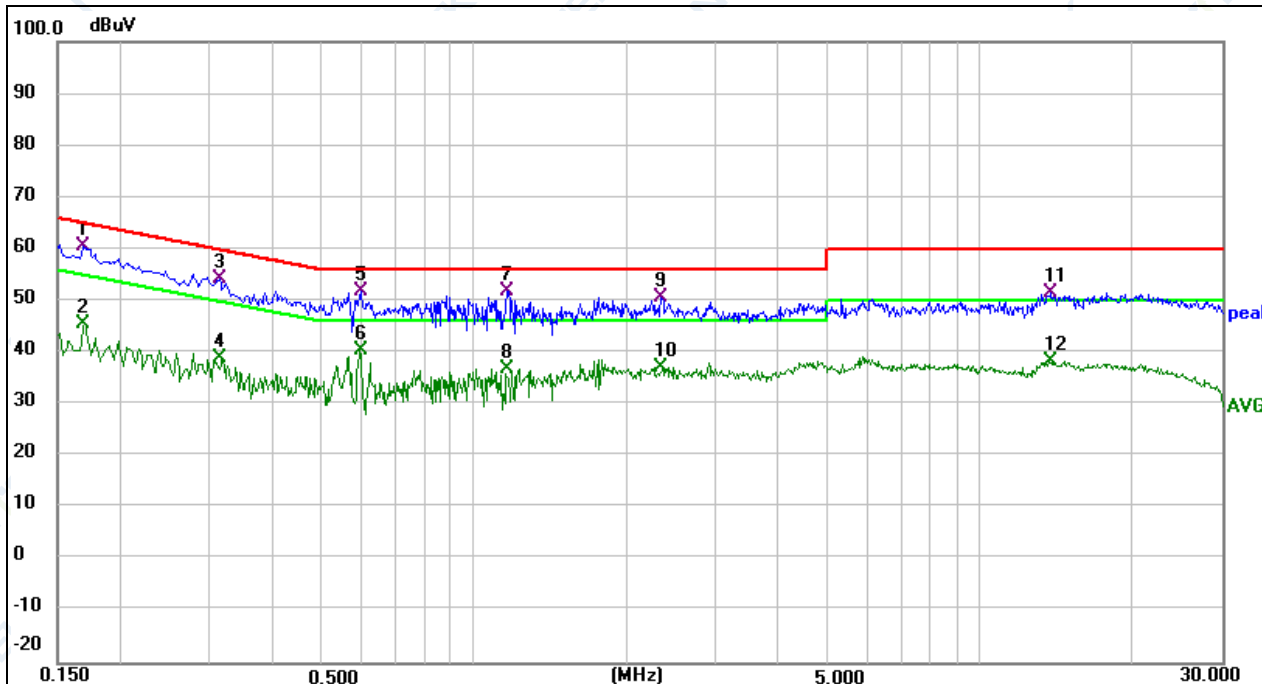
Remark:

Correct Factor = Insertion Loss + Cable Loss

Measurement Level = Reading Level + Correct Factor

Over Level = Measurement Level - Limit

EUT:	Smart Phone	Model Name:	N55
Temperature:	18.5°C	Relative Humidity:	45%RH
Pressure:	1010hPa	Test Date:	2024-03-19
Test Mode:	Charging + REC(Rear)	Phase:	N
Test Voltage:	AC 120V/60Hz		



No.	Frequency (MHz)	Reading ( )	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.1685	50.54	9.97	60.51	65.03	-4.52	QP	P	
2	0.1685	35.69	9.97	45.66	55.03	-9.37	AVG	P	
3	0.3140	44.04	10.26	54.30	59.86	-5.56	QP	P	
4	0.3140	28.76	10.26	39.02	49.86	-10.84	AVG	P	
5 *	0.5980	41.00	10.85	51.85	56.00	-4.15	QP	P	
6	0.5980	29.59	10.85	40.44	46.00	-5.56	AVG	P	
7	1.1620	39.86	11.98	51.84	56.00	-4.16	QP	P	
8	1.1620	24.84	11.98	36.82	46.00	-9.18	AVG	P	
9	2.3340	41.04	9.66	50.70	56.00	-5.30	QP	P	
10	2.3340	27.60	9.66	37.26	46.00	-8.74	AVG	P	
11	13.8260	41.72	9.70	51.42	60.00	-8.58	QP	P	
12	13.8260	28.79	9.70	38.49	50.00	-11.51	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	
	<input type="checkbox"/> Class A (dBµV/m)	<input checked="" type="checkbox"/> 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			
	<input type="checkbox"/> Class A (dBµV/m)		<input checked="" type="checkbox"/> Class B (dBµV/m)	
	Average	Peak	Average	Peak
Above 1000	60	80	54	74

Note:

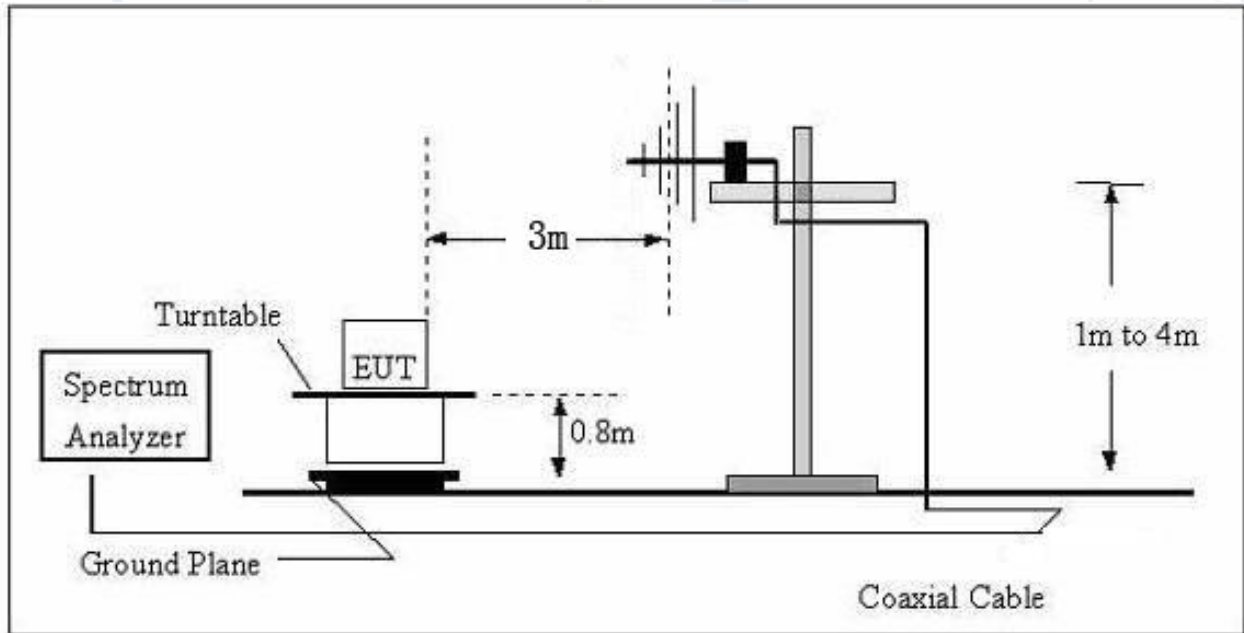
- (1) The limit for radiated test was performed according to as following: FCC PART 15B.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBµV/m)=20log Emission level (µV/m).

3.2.3 TEST PROCEDURE

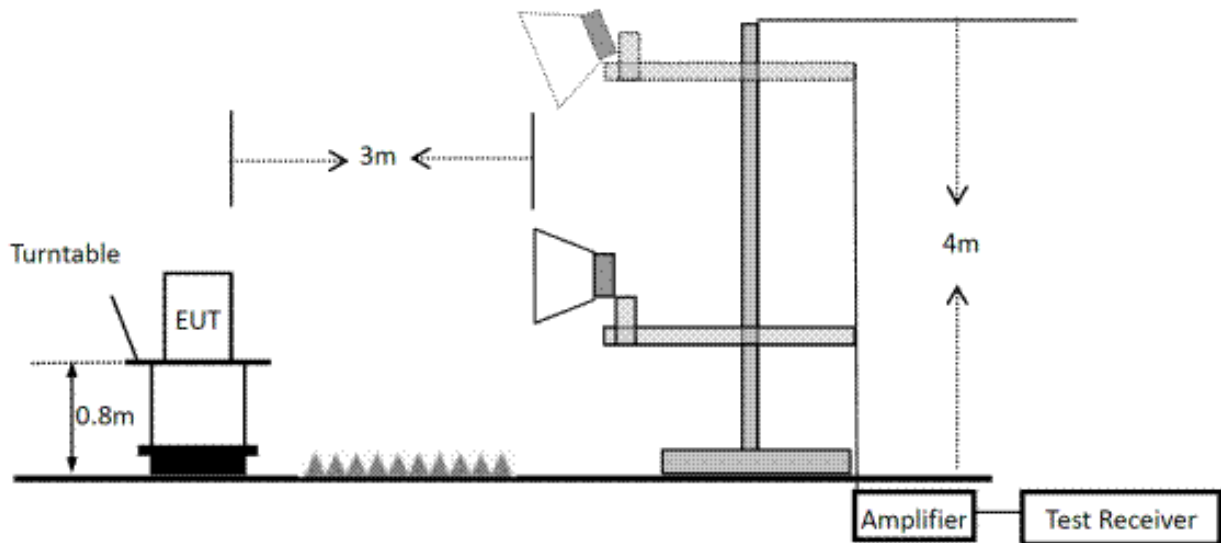
- a. The measuring distance of at 3m shall be used for measurements at frequency up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.
- b. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter open area test site. The table was rotated 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

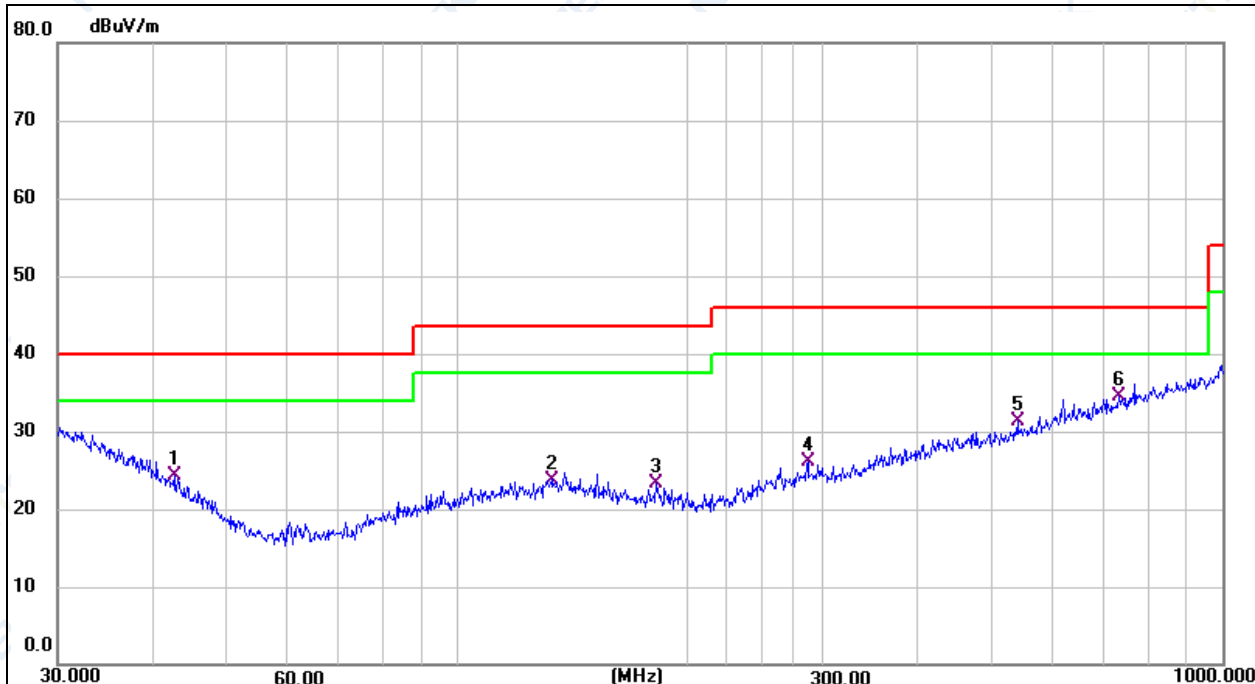


### 3.2.5 EUT OPERATING CONDITIONS

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:	Smart Phone	Model Name:	N55
Temperature:	25.4°C	Relative Humidity:	55%RH
Pressure:	1010hPa	Test Date:	2024-03-20
Test Mode:	Charging + REC(Rear)	Polarization:	Horizontal
Test Power:	AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Height (cm)	Azimuth (deg.)	Remark
1	42.6000	4.84	19.39	24.23	40.00	-15.77	QP	P			
2	132.6850	5.11	18.69	23.80	43.50	-19.70	QP	P			
3	181.9202	6.61	16.65	23.26	43.50	-20.24	QP	P			
4	286.9823	6.07	19.98	26.05	46.00	-19.95	QP	P			
5	539.4775	5.87	25.42	31.29	46.00	-14.71	QP	P			
6 *	731.9202	5.91	28.53	34.44	46.00	-11.56	QP	P			

Remark:

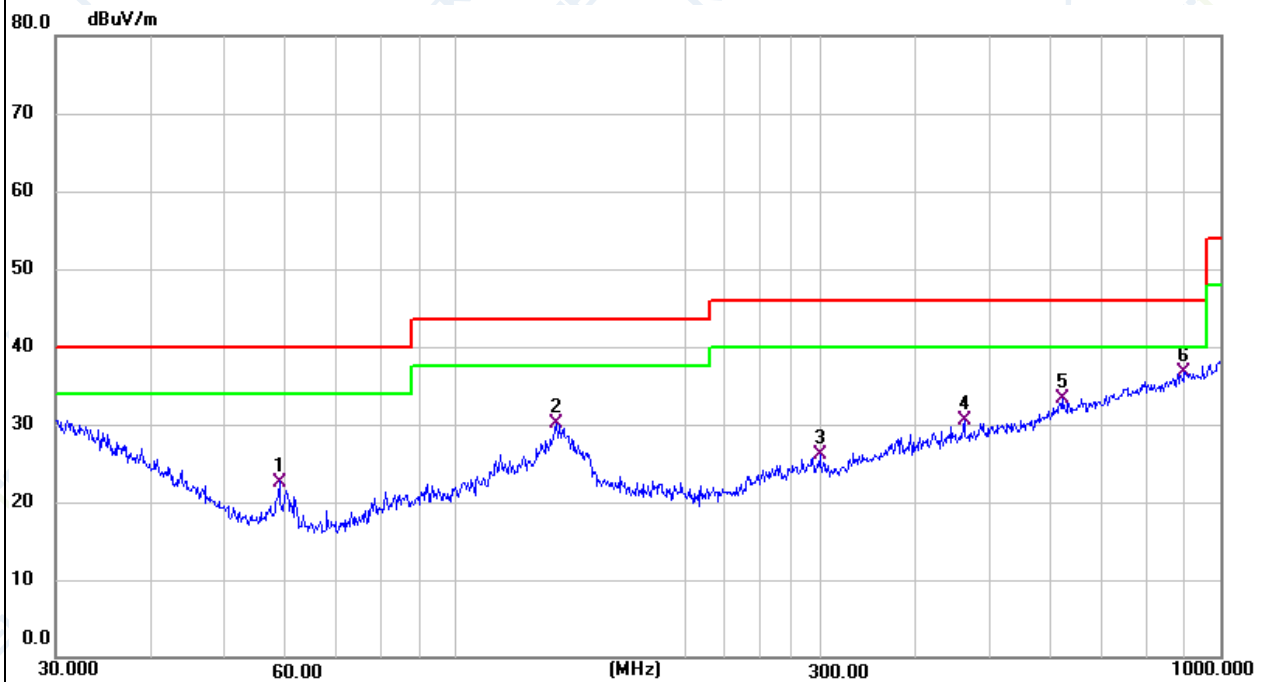
Correct Factor = Antenna Factor + Cable Loss

Measurement Level = Reading Level + Correct Factor

Over Level = Measurement Level - Limit



EUT:	Smart Phone	Model Name:	N55
Temperature:	25.4°C	Relative Humidity:	55%RH
Pressure:	1010hPa	Test Date:	2024-03-20
Test Mode:	Charging + REC(Rear)	Polarization:	Vertical
Test Power:	AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Height (cm)	Azimuth (deg.)	Remark
1	58.8185	10.43	12.17	22.60	40.00	-17.40	QP	P			
2	135.5062	11.53	18.63	30.16	43.50	-13.34	QP	P			
3	299.3158	6.07	20.13	26.20	46.00	-19.80	QP	P			
4	462.3455	6.20	24.32	30.52	46.00	-15.48	QP	P			
5	620.7096	6.56	26.75	33.31	46.00	-12.69	QP	P			
6 *	896.9965	6.02	30.70	36.72	46.00	-9.28	QP	P			

Remark:

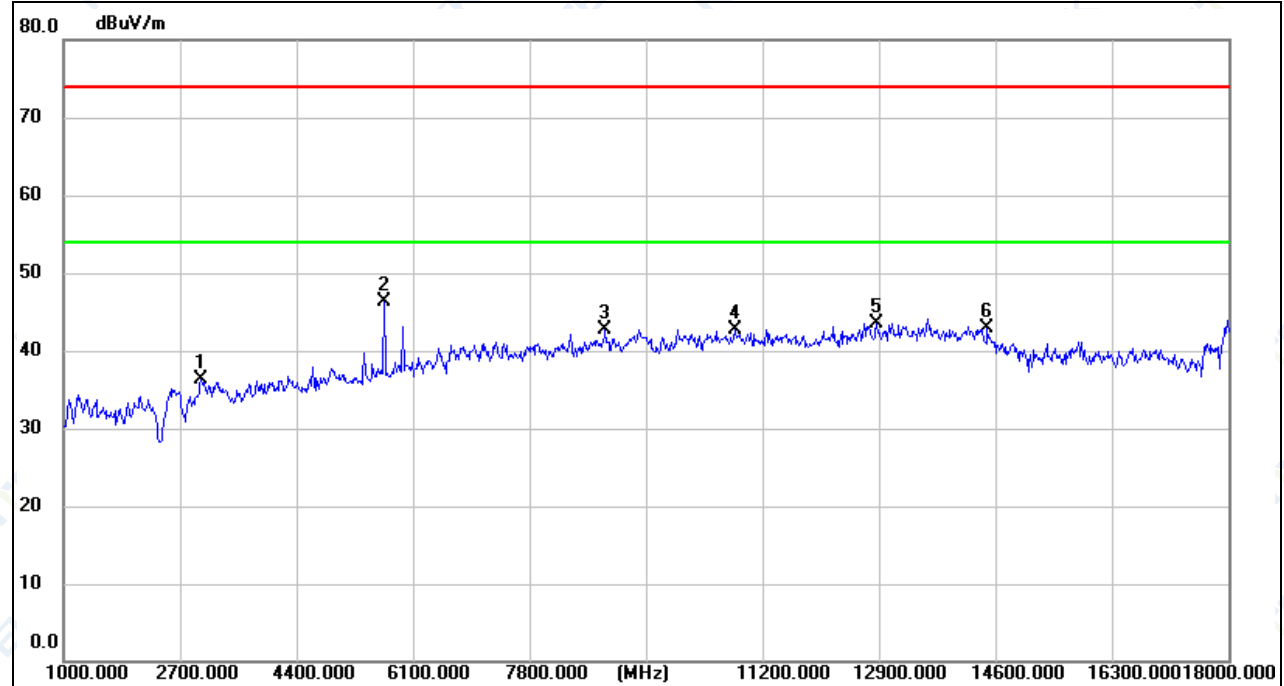
Correct Factor = Antenna Factor + Cable Loss

Measurement Level = Reading Level + Correct Factor

Over Level = Measurement Level - Limit

3.2.7 TEST RESULTS (Above 1000MHz)

EUT:	Smart Phone	Model Name:	N55
Temperature:	25.4°C	Relative Humidity:	55%RH
Pressure:	1010hPa	Test Date:	2024-03-20
Test Mode:	Charging + REC(Rear)	Polarization:	Horizontal
Test Power:	AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Height (cm)	Azimuth (deg.)	Remark
1	3006.000	52.00	-15.71	36.29	74.00	-37.71	peak	P			
2 *	5675.000	58.66	-12.29	46.37	74.00	-27.63	peak	P			
3	8905.000	48.63	-5.88	42.75	74.00	-31.25	peak	P			
4	10792.000	46.18	-3.41	42.77	74.00	-31.23	peak	P			
5	12866.000	44.88	-1.29	43.59	74.00	-30.41	peak	P			
6	14481.000	43.83	-0.89	42.94	74.00	-31.06	peak	P			

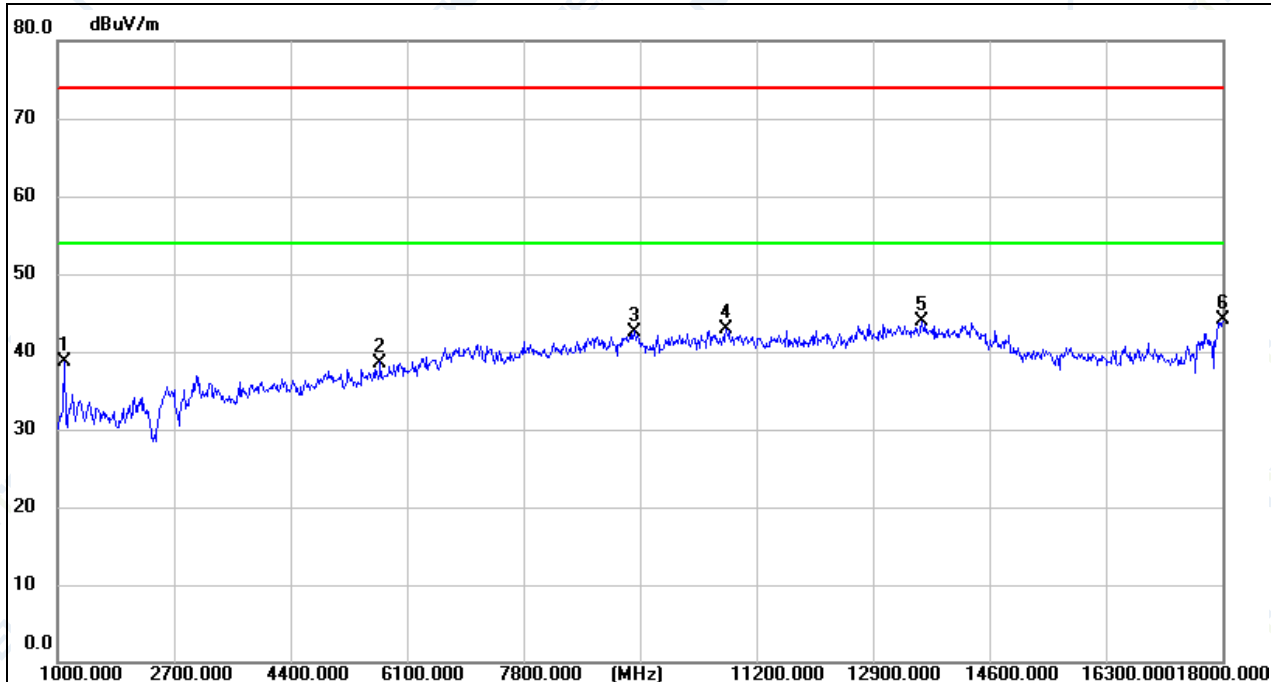
Remark:

Correct Factor = Antenna Factor + Cable Loss

Measurement Level = Reading Level + Correct Factor

Over Level = Measurement Level - Limit

EUT:	Smart Phone	Model Name:	N55
Temperature:	25.4°C	Relative Humidity:	55%RH
Pressure:	1010hPa	Test Date:	2024-03-20
Test Mode:	Charging + REC(Rear)	Polarization:	Vertical
Test Power:	AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Height (cm)	Azimuth (deg.)	Remark
1	1102.000	62.40	-23.71	38.69	74.00	-35.31	peak	P			
2	5709.000	50.73	-12.13	38.60	74.00	-35.40	peak	P			
3	9415.000	48.00	-5.40	42.60	74.00	-31.40	peak	P			
4	10758.000	46.31	-3.47	42.84	74.00	-31.16	peak	P			
5	13614.000	45.04	-1.08	43.96	74.00	-30.04	peak	P			
6 *	18000.000	39.70	4.39	44.09	74.00	-29.91	peak	P			

Remark:

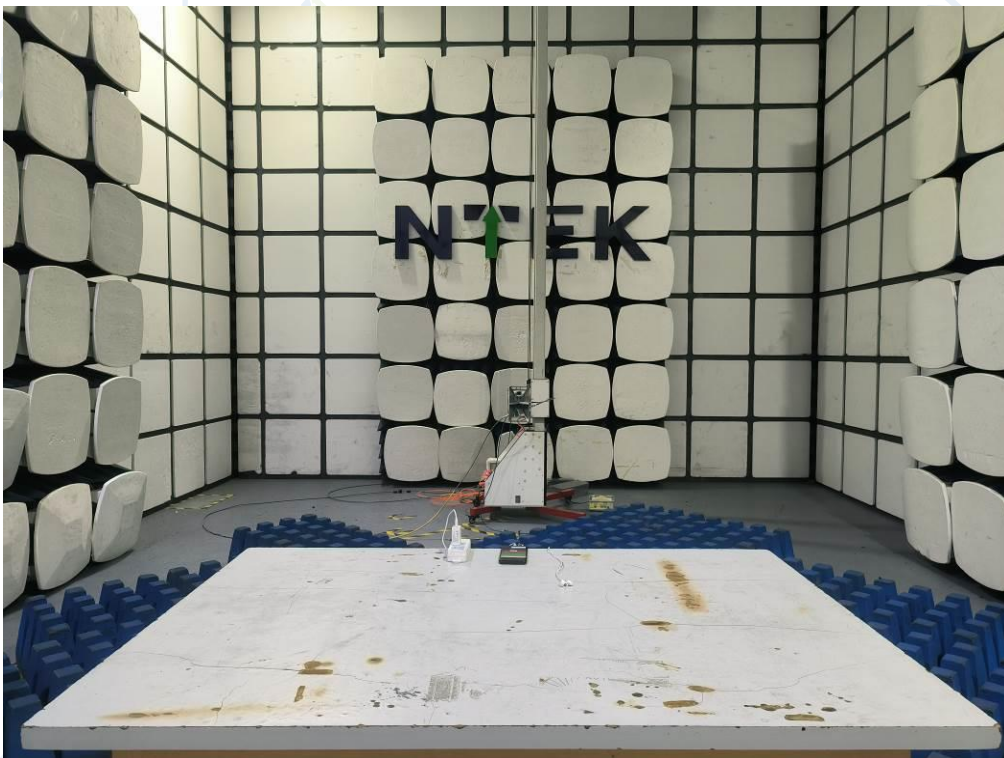
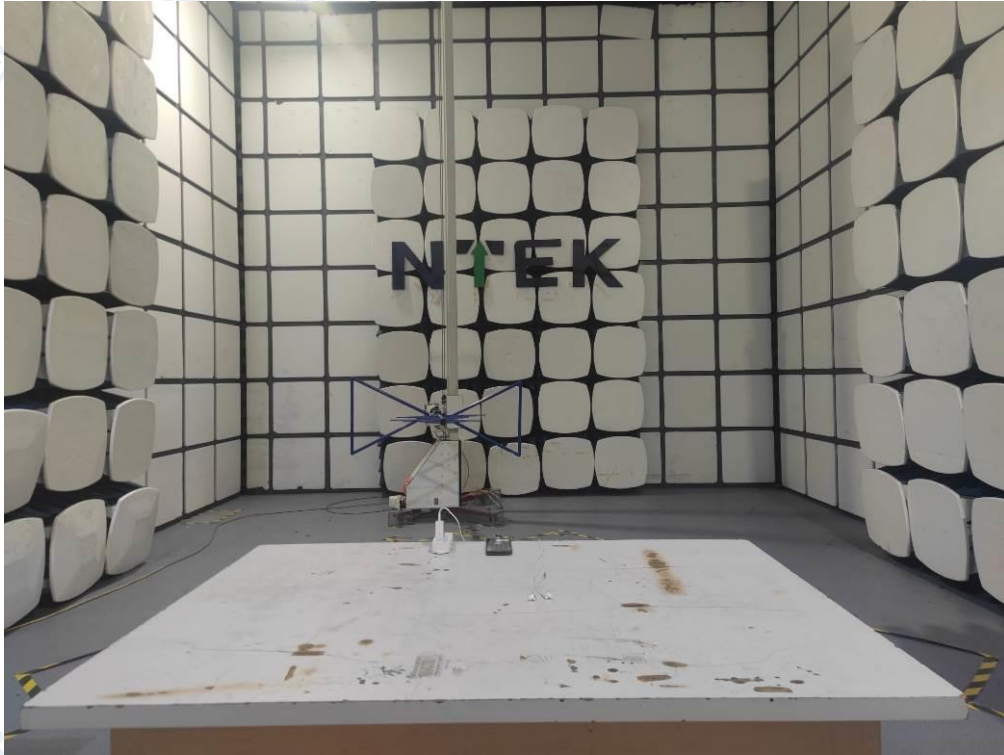
Correct Factor = Antenna Factor + Cable Loss

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

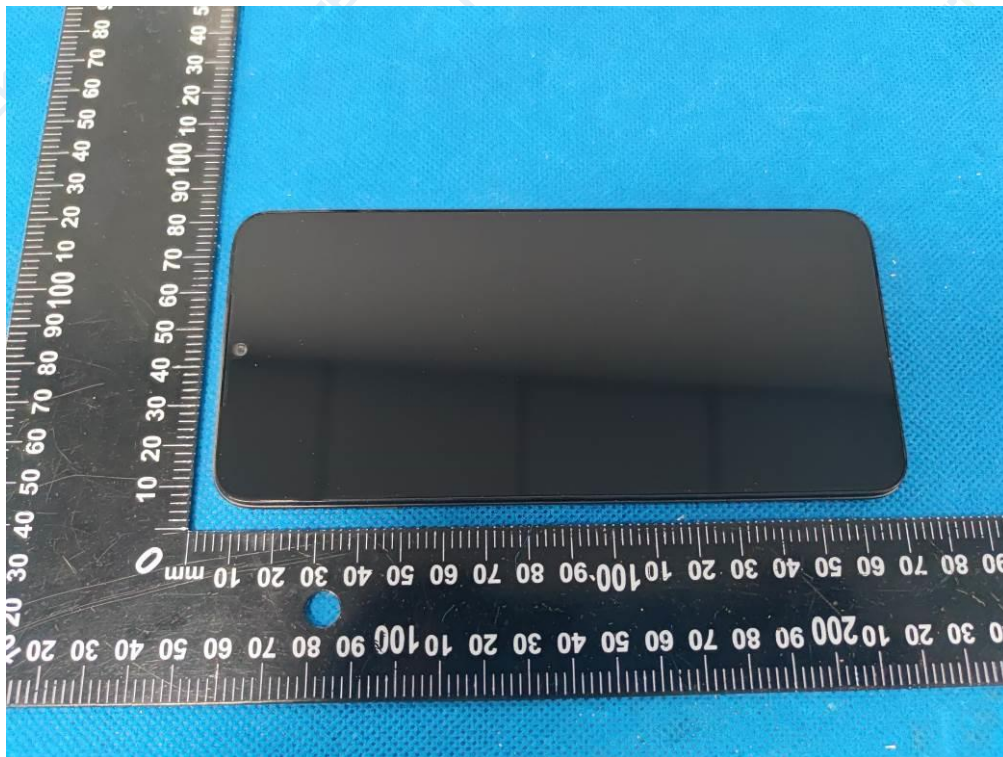


Photo 3



Photo 4

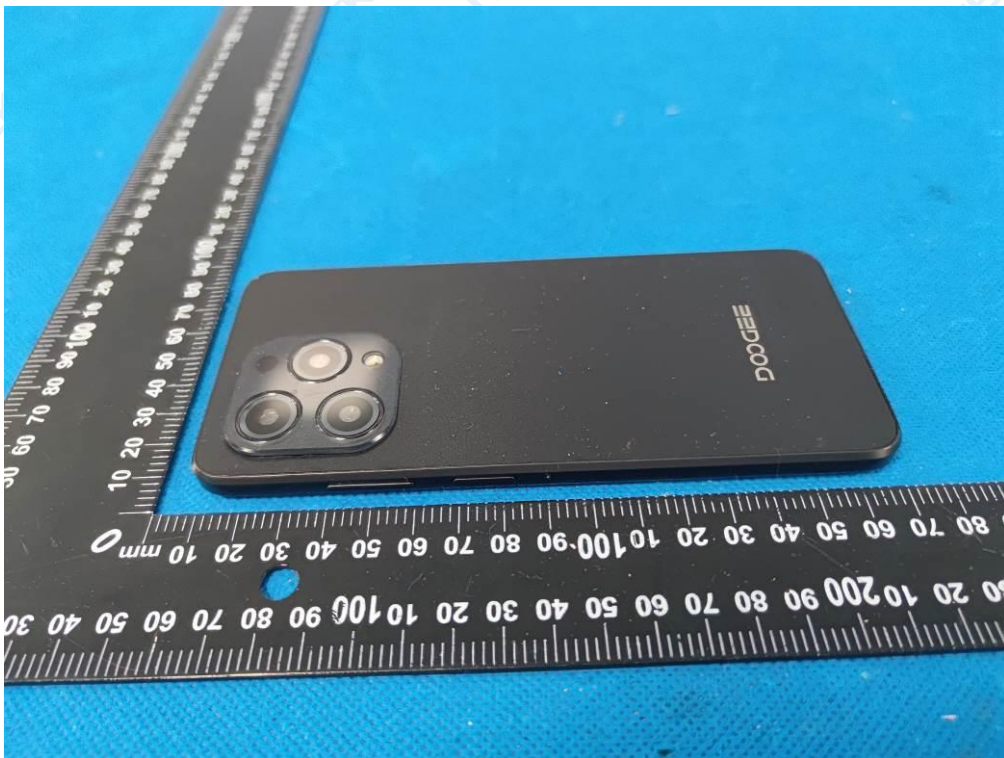


Photo 5



Photo 6





Photo 7



Photo 8



Photo 9



Photo 10

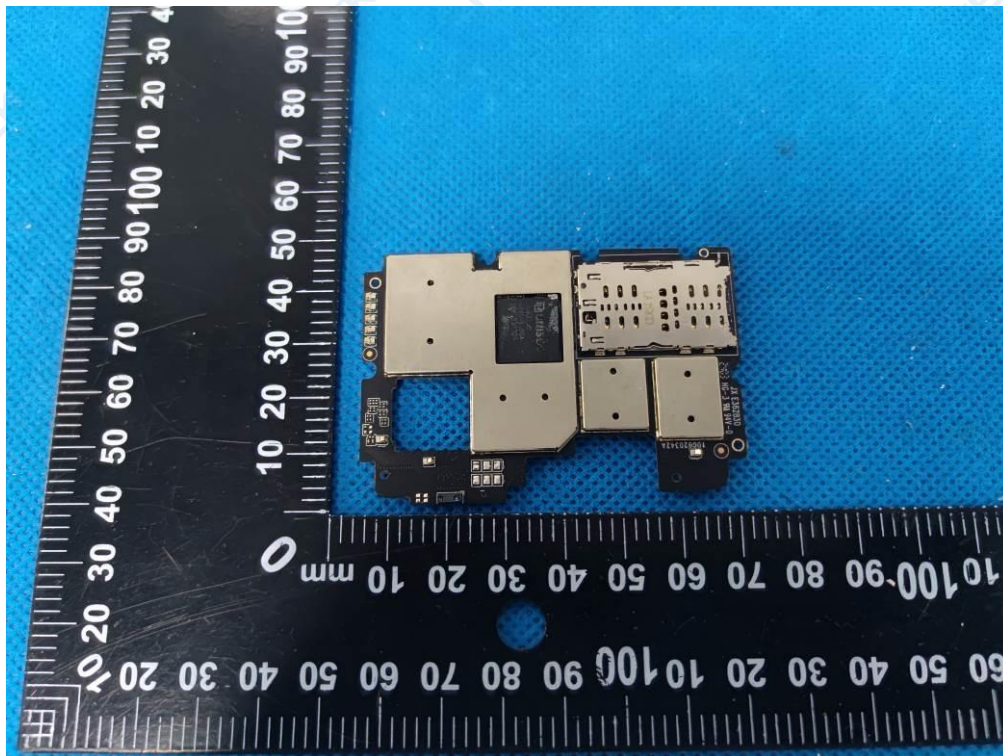


Photo 11



Photo 12

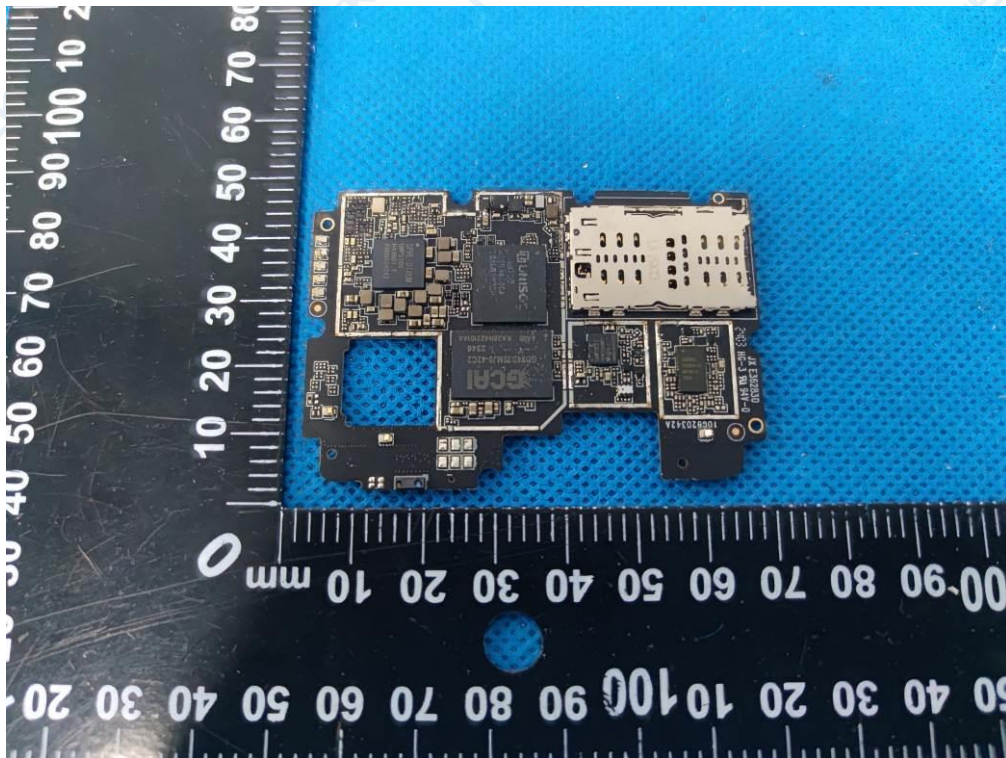


Photo 13



Photo 14

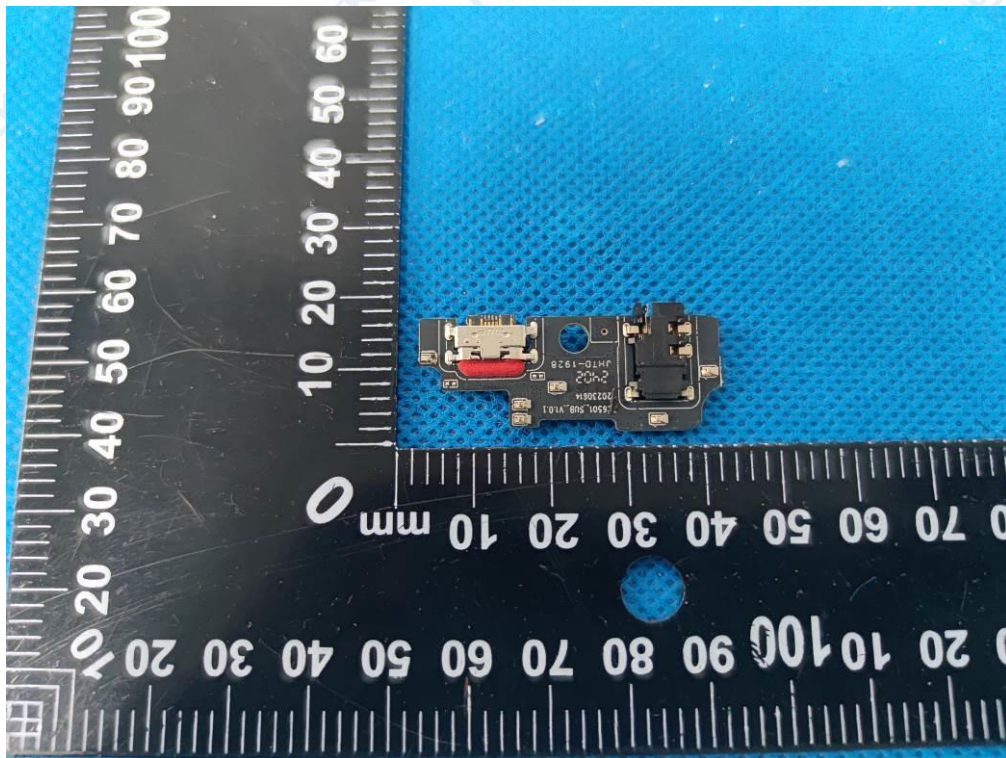


Photo 15

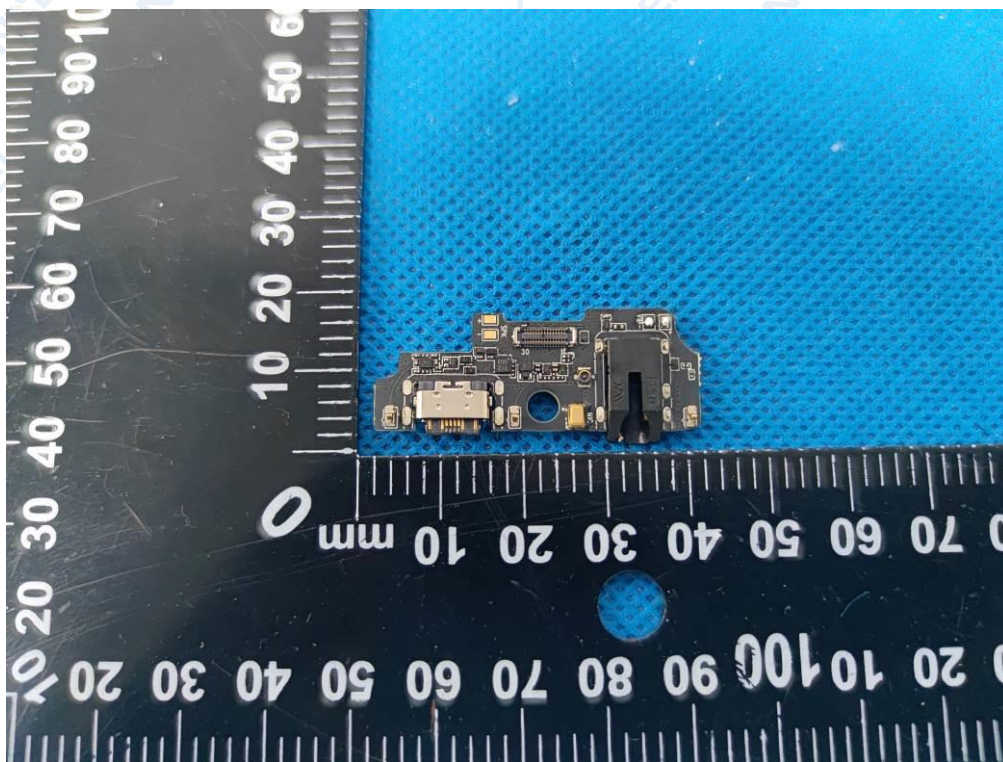
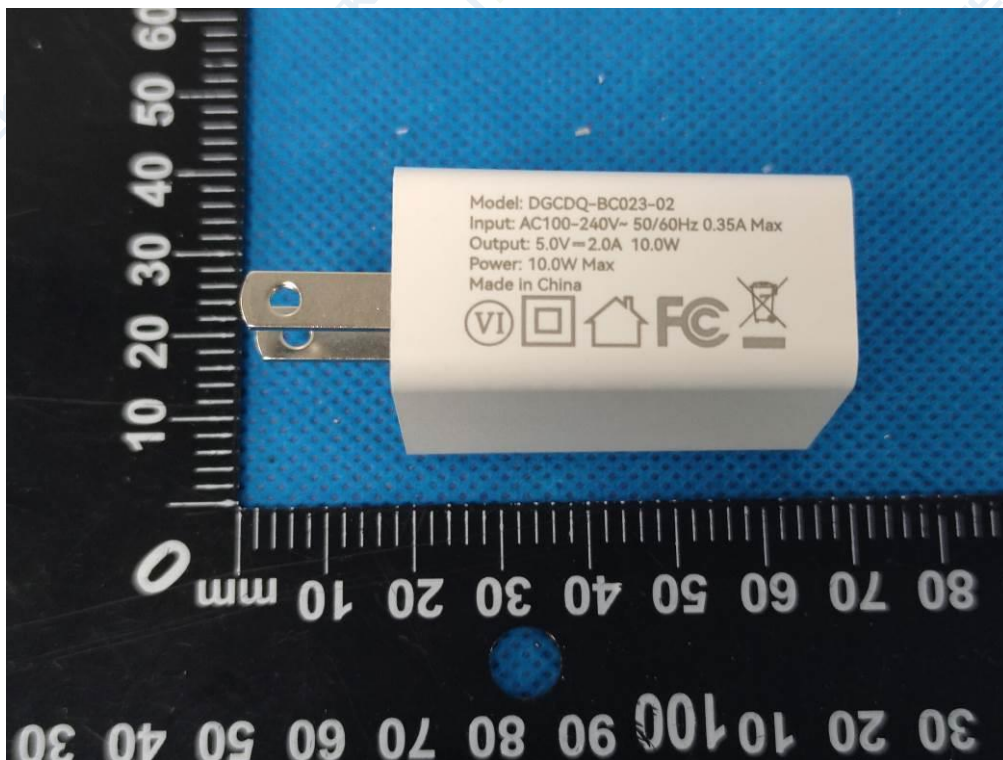


Photo 16



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