FCC Test Report

FCC ID: ZSW-30-134

Product:	Mobile Phone
Trade Mark:	Bmobile
Model Number:	BL55
Family Model:	BL55 PLUS
Report No.:	S23111404702001

Prepared for

b mobile HK Limited

Flat 18; 14/F Block 1; Golden Industrial Building;16-26 Kwai Tak Street; Kwai Chung; New Territories; Hong Kong, China

Prepared by

Shenzhen NTEK Testing Technology Co., Ltd.

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Tel. 400-800-6106, 0755-2320 0050, 0755-2320 0090
Website:http://www.ntek.org.cn

TEST RESULT CERTIFICATION

Applicant's name.....:	b mobile HK Limited
Address.....:	Flat 18; 14/F Block 1; Golden Industrial Building;16-26 Kwai Tak Street; Kwai Chung; New Territories; Hong Kong, China
Manufacturer's Name.....:	b mobile HK Limited
Address.....:	Flat 18; 14/F Block 1; Golden Industrial Building;16-26 Kwai Tak Street; Kwai Chung; New Territories; Hong Kong, China

Product description

Test Sample Number.....:	S231114047002
Product name.....:	Mobile Phone
Model and/or type reference .:	BL55
Family Model.....:	BL55 PLUS
Standards .....:	FCC Part15B 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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Date of Test .....:	
Date (s) of performance of tests .....:	Nov 15, 2023 ~ Dec 01, 2023
Date of Issue .....:	Dec 01, 2023
Test Result.....:	**Pass**

Prepared By :	Reviewed By :	Approved By :
Allen Liu	Aaron Cheng	Alex Li
(Project Engineer)	(Supervisor)	(Manager)

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1. TEST SUMMARY

Test procedures according to the technical standards:

EMC Emission				
Standard	Test Item	Limit	Judgment	Remark
FCC Part15B 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 Community, Xixiang Street, Bao'an District, Shenzhen 518126 P.R. China.

IC-Registration	The Certificate Registration Number is 9270A.
	CAB identifier:CN0074
FCC- Accredited	Test Firm Registration Number: 463705.
	Designation Number: CN1184

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** %.

A. Conducted Measurement :

Test Site	Method	Measurement Frequency Range	U, (dB)	NOTE
NTEKC01	ANSI	150 KHz ~ 30MHz	±2.80dB	

B. Radiated Measurement :

Test Site	Method	Measurement Frequency Range	U, (dB)	NOTE
NTEKA01	ANSI	30MHz~1000MHz	±2.64dB	
		1GHz~6GHz	±2.40dB	
		6GHz~26.5GHz	±2.52dB	

2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

Equipment	Mobile Phone
Trade Mark	Bmobile
Model Name	BL55
Family Model	BL55 PLUS
Model Difference	All the model are the same circuit and RF module, except the memory
Product Description	<table><tr><td>Connecting I/O port:</td><td>Micro USB, Earphone</td></tr><tr><td>Operation Frequency:</td><td>2.4GHz</td></tr></table> Based on the application, features, or specification exhibited in User's Manual, the EUT is considered as an ITE/Computing Device. More details of EUT technical specification, please refer to the User's Manual.
Adapter	INPUT: AC 100-240V~50-60Hz 0.2A OUTPUT: DC 5.0V ⎓ 1A
Battery	DC 3.8V/2500mAh
Power supply	DC 3.8V from battery or DC 5V from Adapter.
HW Version	BL55_HW_V1.0, Bmobile_BL55_HW_V2.0
SW Version	Bmobile_BL55_DG_SV_V001, Bmobile_BL55_TIGO_LATAM_V001

2.1.1 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.

Pretest Mode	Description
Mode 1	USB Data Transmission
Mode 2	TF card Playing
Mode 3	REC
Mode 4	FM
Mode 5	GPS

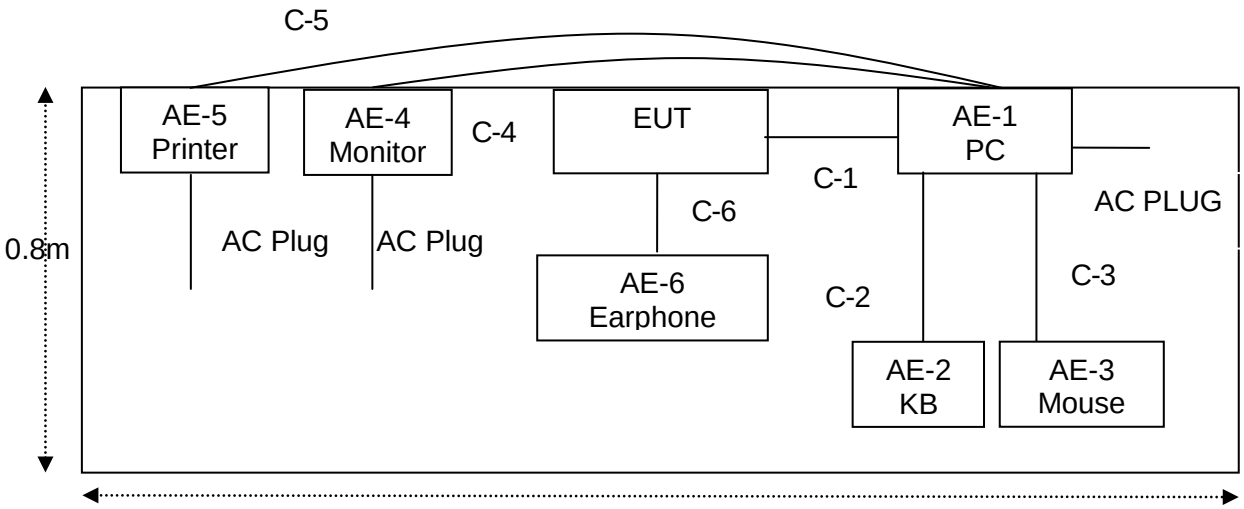
For Conducted Test	
Final Test Mode	Description
Mode 1	USB Data Transmission
Mode 2	TF card Playing
Mode 3	REC
Mode 4	FM
Mode 5	GPS

For Radiated Test	
Final Test Mode	Description
Mode 1	USB Data Transmission
Mode 2	TF card Playing
Mode 3	REC
Mode 4	FM
Mode 5	GPS

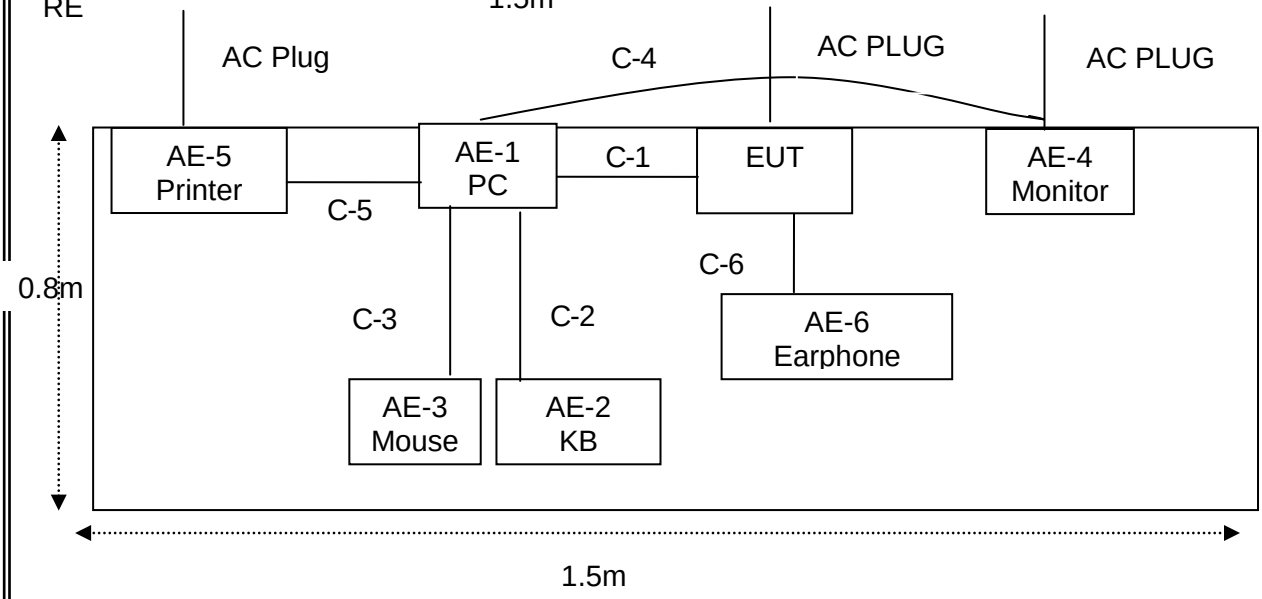
Note: Final Test Mode: Through Pre-scan, find the mode 1 is the worst case.
Only the worst case mode is recorded in the report.

2.2 DESCRIPTION OF TEST SETUP

CE



RE



2.3 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
	Mobile Phone	Bmobile	BL55	N/A	EUT
AE-1	PC	DELL	FT4Y23X	N/A	Peripherals
AE-2	KB	N/A	N/A	N/A	Peripherals
AE-3	Mouse	N/A	N/A	N/A	Peripherals
AE-4	Monitor	N/A	N/A	N/A	Peripherals
AE-5	Printer	Canon	L11121E	N/A	Peripherals
AE-6	Earphone	N/A	N/A	N/A	Peripherals

Item	Cable Type	Shielded Type	Ferrite Core	Length	Note
C-1	USB Cable	NO	NO	0.9m	
C-2	USB Cable	NO	NO	1.2m	
C-3	USB Cable	NO	NO	1.2m	
C-4	HDMI Cable	YES	YES	1.0m	
C-5	USB Cable	NO	NO	1.2m	
C-6	Earphone Cable	NO	NO	1.2m	

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”.

2.4 MEASUREMENT INSTRUMENTS LIST

Radiation Test equipment

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until	Calibration period
1	Spectrum Analyzer	Agilent	E4407B	MY45108040	2023.03.27	2024.03.26	1 year
2	Test Receiver	R&S	ESPI	101318	2023.03.27	2024.03.26	1 year
3	Bilog Antenna	TESEQ	CBL6111D	31216	2023.03.27	2024.03.26	1 year
4	50Ω Coaxial Switch	Anritsu	MP59B	6200264416	2023.03.27	2024.03.26	1 year
5	Spectrum Analyzer	ADVANTEST	R3132	150900201	2023.03.27	2024.03.26	1 year
6	Horn Antenna	EM	EM-AH-10180	2011071402	2023.03.27	2024.03.26	1 year
7	Horn Ant	Schwarzbeck	BBHA 9170	9170-181	2023.03.27	2024.03.26	1 year
8	Amplifier	EMC	EMC051835SE	980246	2023.05.29	2024.05.28	1 year
9	Loop Antenna	ARA	PLA-1030/B	1029	2023.05.29	2024.05.28	1 year
10	Power Meter	DARE	RPR3006W	15I00041SNO84	2023.05.29	2024.05.28	1 year
11	Power Sensor	R&S	URV4-Z4	0395.1619.05	2023.03.27	2024.03.26	1 year
12	Test Cable (30MHz-1GHz)	N/A	R-02	N/A	2023.05.06	2026.05.05	3 year
13	High Test Cable(1G-40GHz)	N/A	R-03	N/A	2022.06.17	2025.06.16	3 year
14	High Test Cable(1G-40GHz)	N/A	R-04	N/A	2023.05.06	2026.05.05	3 year
15	Test Receiver	R&S	ESCI	101160	2023.03.27	2024.03.26	1 year

AC Conduction Test equipment

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until	Calibration period
1	Test Receiver	R&S	ESCI	101160	2023.03.27	2024.03.26	1 year
2	LISN	R&S	ENV216	101313	2023.03.27	2024.03.26	1 year
3	LISN	SCHWARZBECK	NNLK 8129	8129245	2023.03.27	2024.03.26	1 year
4	50Ω Coaxial Switch	ANRITSU CORP	MP59B	6200983704	2023.05.06	2026.05.05	3 year
5	Test Cable (9KHz-30MHz)	N/A	C01	N/A	2023.05.06	2026.05.05	3 year
6	Test Cable (9KHz-30MHz)	N/A	C02	N/A	2023.05.06	2026.05.05	3 year
7	Test Cable (9KHz-30MHz)	N/A	C03	N/A	2023.05.06	2026.05.05	3 year

Note: Each piece of equipment is scheduled for calibration once a year except the Test Cable which is scheduled for calibration every 3 years.

3. EMC EMISSION TEST

3.1 CONDUCTED EMISSION MEASUREMENT

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

FREQUENCY (MHz)	Class A (dBuV)		Class B (dBuV)	
	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.

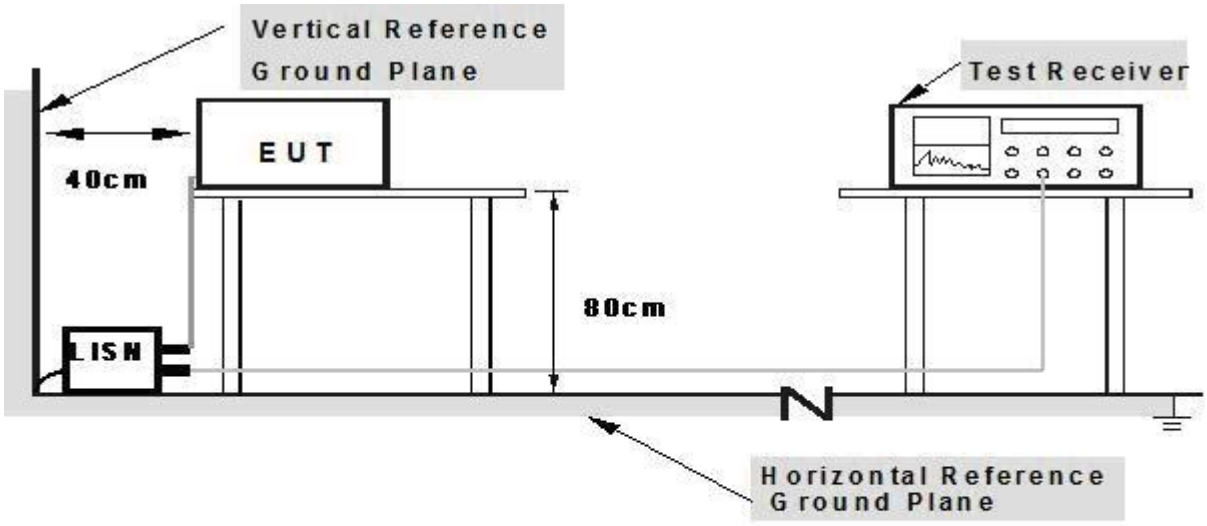
The following table is the setting of the receiver

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.

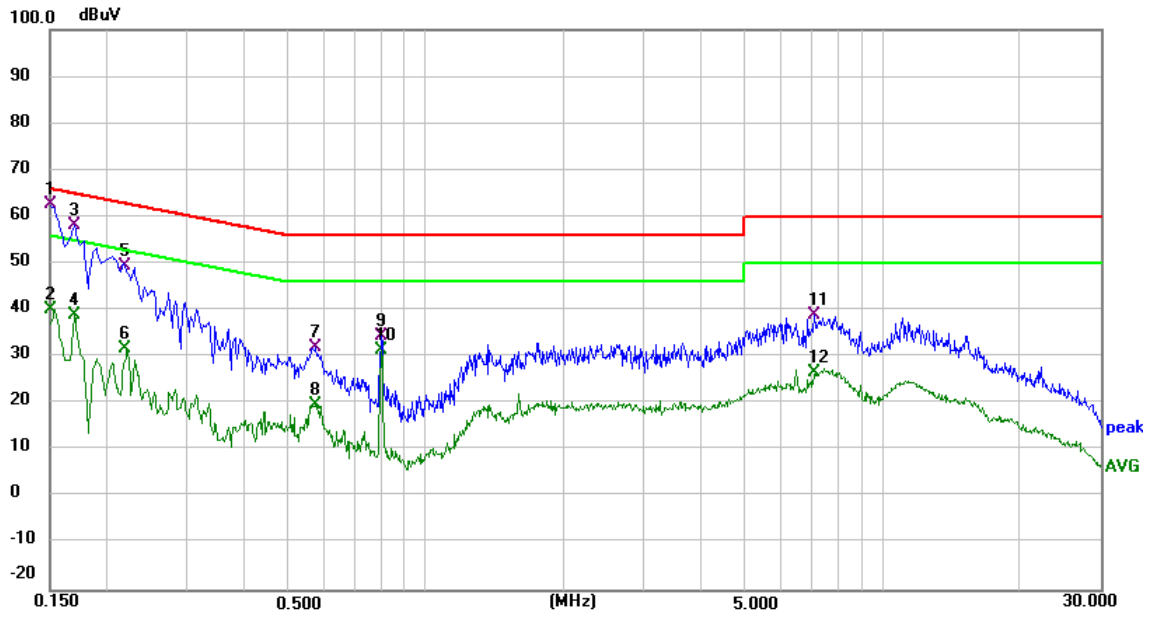
3.1.5 TEST RESULTS

EUT:	Mobile Phone	Model Name. :	BL55
Temperature:	24.5 ℃	Relative Humidity:	52%
Pressure:	1010hPa	Test Date:	2023-11-27
Test Mode:	Mode 1(2G+32G)	Phase :	L
Test Voltage:	DC 5V from PC AC 120V/60Hz		

Frequency	Reading Level	Correct Factor	Measure-ment	Limits	Margin	Remark
(MHz)	(dBμV)	(dB)	(dBμV)	(dBμV)	(dB)	
0.1500	52.70	9.93	62.63	66.00	-3.37	QP
0.1500	30.26	9.93	40.19	56.00	-15.81	AVG
0.1700	48.05	9.97	58.02	64.96	-6.94	QP
0.1700	29.06	9.97	39.03	54.96	-15.93	AVG
0.2185	39.39	10.08	49.47	62.88	-13.41	QP
0.2185	21.55	10.08	31.63	52.88	-21.25	AVG
0.5740	21.20	10.79	31.99	56.00	-24.01	QP
0.5740	8.87	10.79	19.66	46.00	-26.34	AVG
0.7980	23.31	11.26	34.57	56.00	-21.43	QP
0.7980	20.12	11.26	31.38	46.00	-14.62	AVG
7.0900	29.33	9.68	39.01	60.00	-20.99	QP
7.0900	17.05	9.68	26.73	50.00	-23.27	AVG

Remark:

1. All readings are Quasi-Peak and Average values.
2. Factor = Insertion Loss + Cable Loss.

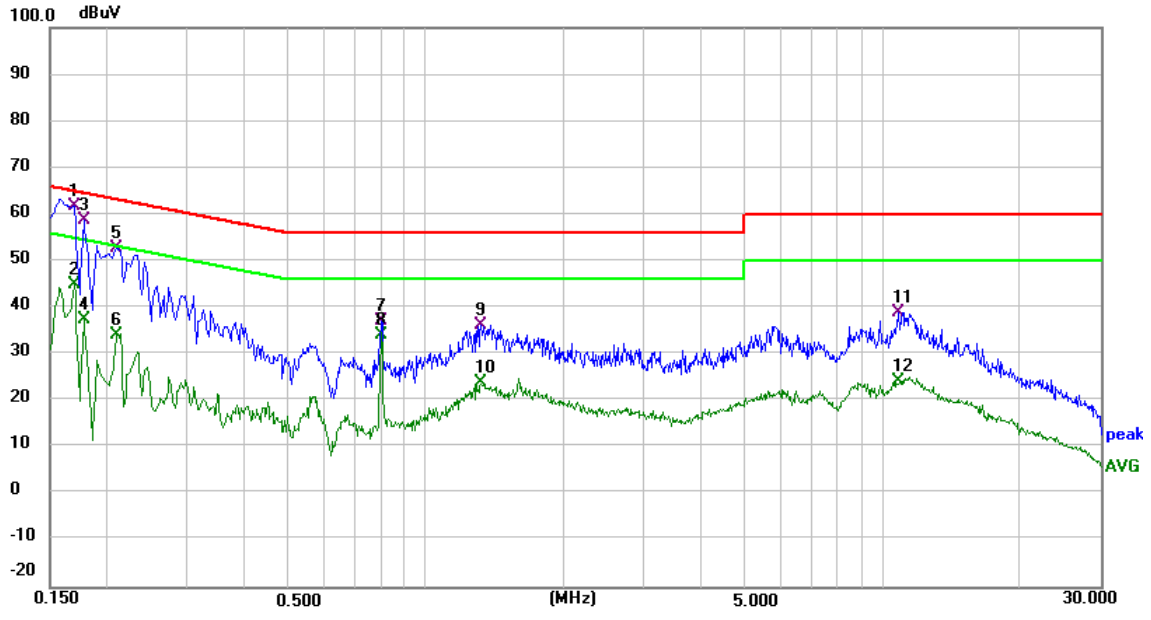


EUT:	Mobile Phone	Model Name. :	BL55
Temperature:	24.5 ℃	Relative Humidity:	52%
Pressure:	1010hPa	Test Date:	2023-11-27
Test Mode:	Mode 1(2G+32G)	Phase :	N
Test Voltage:	DC 5V from PC AC 120V/60Hz		

Frequency	Reading Level	Correct Factor	Measure-ment	Limits	Margin	Remark
(MHz)	(dBμV)	(dB)	(dBμV)	(dBμV)	(dB)	
0.1700	51.72	9.97	61.69	64.96	-3.27	QP
0.1700	34.87	9.97	44.84	54.96	-10.12	AVG
0.1780	48.76	9.99	58.75	64.58	-5.83	QP
0.1780	27.40	9.99	37.39	54.58	-17.19	AVG
0.2100	42.80	10.06	52.86	63.21	-10.35	QP
0.2100	24.19	10.06	34.25	53.21	-18.96	AVG
0.7980	25.84	11.26	37.10	56.00	-18.90	QP
0.7980	22.93	11.26	34.19	46.00	-11.81	AVG
1.3220	24.07	12.30	36.37	56.00	-19.63	QP
1.3220	11.54	12.30	23.84	46.00	-22.16	AVG
10.8340	29.38	9.69	39.07	60.00	-20.93	QP
10.8340	14.67	9.69	24.36	50.00	-25.64	AVG

Remark:

1. All readings are Quasi-Peak and Average values.
2. Factor = Insertion Loss + Cable Loss.

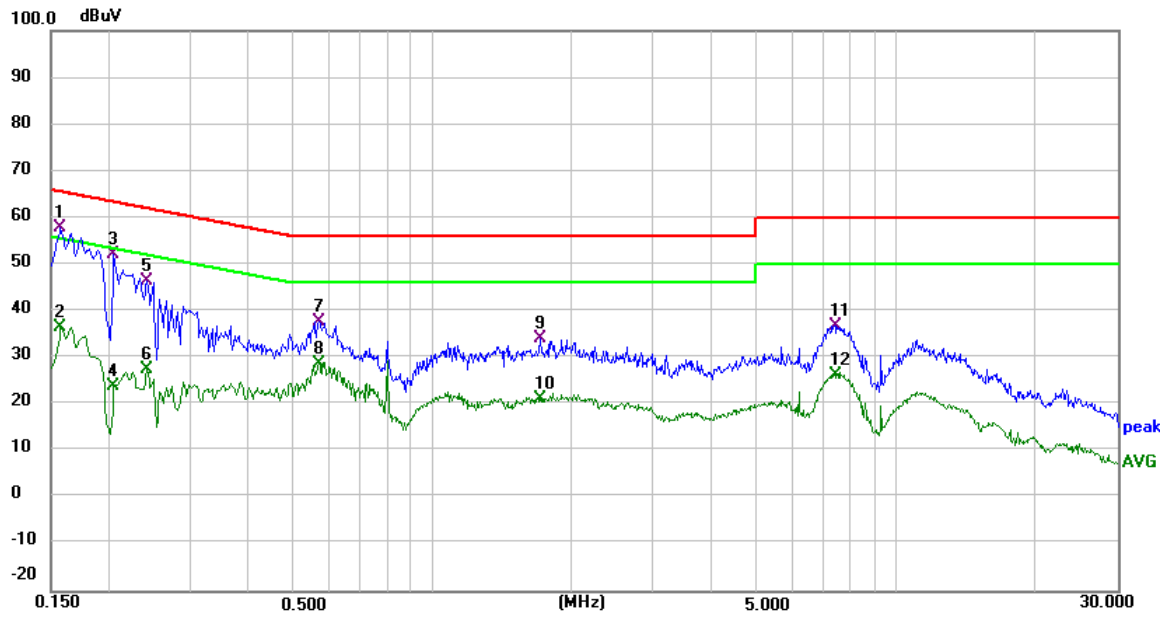


EUT:	Mobile Phone	Model Name. :	BL55
Temperature:	24.5 ℃	Relative Humidity:	52%
Pressure:	1010hPa	Test Date:	2023-11-27
Test Mode:	Mode 1(3G+32G)	Phase :	L
Test Voltage:	DC 5V from PC AC 120V/60Hz		

Frequency	Reading Level	Correct Factor	Measure-ment	Limits	Margin	Remark
(MHz)	(dBμV)	(dB)	(dBμV)	(dBμV)	(dB)	
0.1580	47.89	9.95	57.84	65.57	-7.73	QP
0.1580	26.50	9.95	36.45	55.57	-19.12	AVG
0.2060	42.03	10.06	52.09	63.37	-11.28	QP
0.2060	13.93	10.06	23.99	53.37	-29.38	AVG
0.2420	36.45	10.12	46.57	62.03	-15.46	QP
0.2420	17.48	10.12	27.60	52.03	-24.43	AVG
0.5700	26.94	10.79	37.73	56.00	-18.27	QP
0.5700	18.02	10.79	28.81	46.00	-17.19	AVG
1.7100	20.98	13.08	34.06	56.00	-21.94	QP
1.7100	8.29	13.08	21.37	46.00	-24.63	AVG
7.3980	27.26	9.68	36.94	60.00	-23.06	QP
7.3980	16.69	9.68	26.37	50.00	-23.63	AVG

Remark:

1. All readings are Quasi-Peak and Average values.
2. Factor = Insertion Loss + Cable Loss.

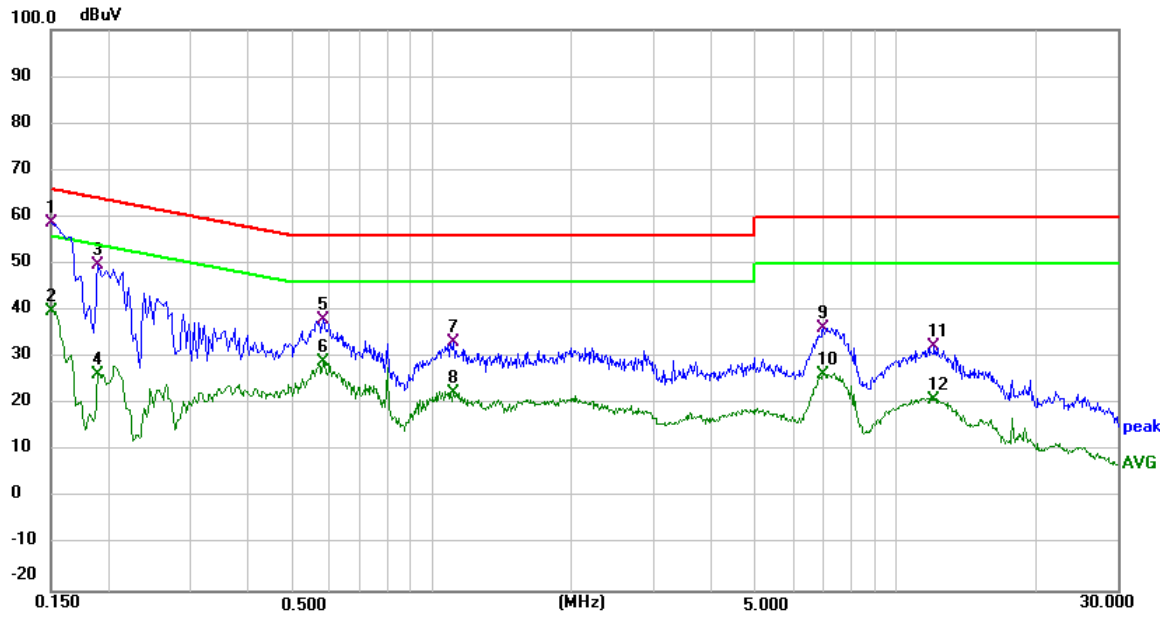


EUT:	Mobile Phone	Model Name. :	BL55
Temperature:	24.5 ℃	Relative Humidity:	52%
Pressure:	1010hPa	Test Date:	2023-11-27
Test Mode:	Mode 1(3G+32G)	Phase :	N
Test Voltage:	DC 5V from PC AC 120V/60Hz		

Frequency	Reading Level	Correct Factor	Measure-ment	Limits	Margin	Remark
(MHz)	(dBμV)	(dB)	(dBμV)	(dBμV)	(dB)	
0.1500	48.75	9.93	58.68	66.00	-7.32	QP
0.1500	29.90	9.93	39.83	56.00	-16.17	AVG
0.1900	39.83	10.01	49.84	64.04	-14.20	QP
0.1900	16.25	10.01	26.26	54.04	-27.78	AVG
0.5820	27.17	10.81	37.98	56.00	-18.02	QP
0.5820	18.26	10.81	29.07	46.00	-16.93	AVG
1.1100	21.27	11.88	33.15	56.00	-22.85	QP
1.1100	10.69	11.88	22.57	46.00	-23.43	AVG
6.9860	26.68	9.68	36.36	60.00	-23.64	QP
6.9860	16.67	9.68	26.35	50.00	-23.65	AVG
12.1180	22.78	9.70	32.48	60.00	-27.52	QP
12.1180	11.25	9.70	20.95	50.00	-29.05	AVG

Remark:

1. All readings are Quasi-Peak and Average values.
2. Factor = Insertion Loss + Cable Loss.



3.2 RADIATED EMISSION MEASUREMENT

3.2.1 LIMITS OF RADIATED EMISSION MEASUREMENT

FREQUENCY (MHz)	Class A (at 10m)	Class B (at 3m)
	dBuV/m	dBuV/m
30 ~ 88	39.0	40.0
88 ~ 216	43.5	43.5
216 ~ 960	46.5	46.0
Above 960	49.5	54.0

Notes:

(1) The limit for radiated test was performed according to as following: FCC PART 15B /ICES-003.

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

(3) Emission level (dBuV/m)=20log Emission level (uV/m).

3.2.2 TEST PROCEDURE

Test Arrangement for Radiated Emissions up to 1 GHz

a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at an accredited test facility. The table was rotated 360 degrees to determine the position of the highest radiation.

b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.

c. The antenna is a broadband antenna, and its height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.

Note: The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for quasi-peak detection (QP) at frequency below 1GHz.

Test Arrangement for Radiated Emissions above 1 GHz.

a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at an accredited chamber room. The table was rotated 360 degrees to determine the position of the highest radiation.

b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.

c. The height of antenna can be varied from one meter to four meters, the height of adjustment depends on the EUT height and the antenna 3dB beamwidth both, to detect the maximum value of the field strength.Both horizontal and vertical polarizations of the antenna are set to make the measurement.

d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.

Note：For the hand-held device, the EUT should be measured for all 3 axes and only the

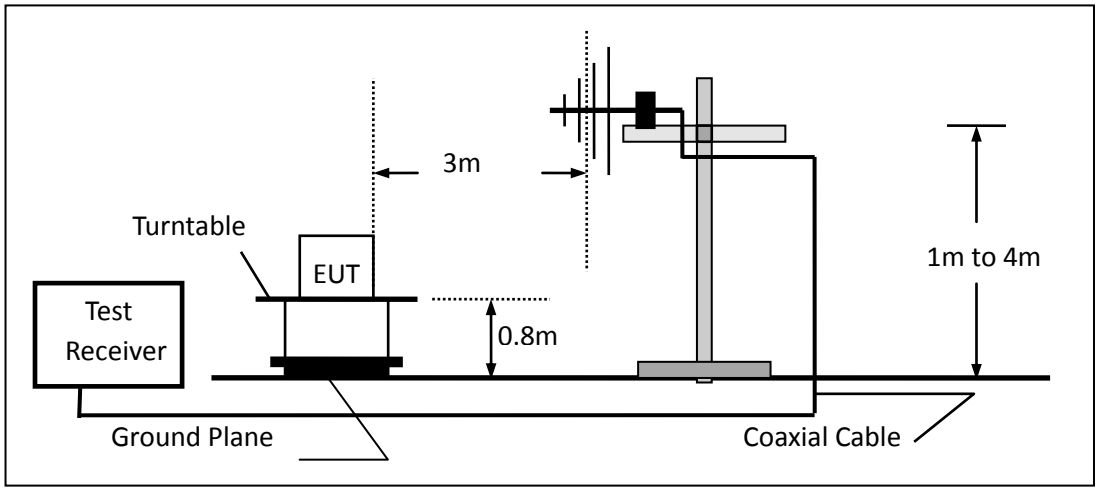
worst case is recorded in the report

During the radiated emission test, according to ANSI C63.4-2014(4.2), the Spectrum Analyzer was set with the following configurations:

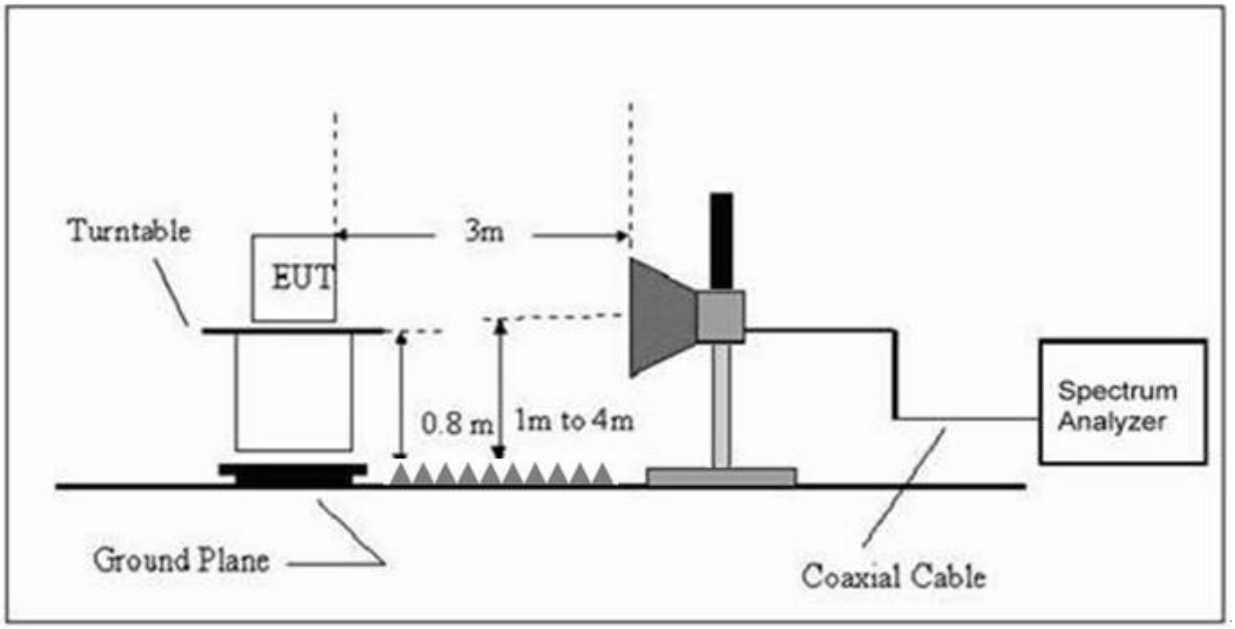
Frequency Band (MHz)	Function	Resolution bandwidth	Video Bandwidth
30 to 1000	QP	120 kHz	300 kHz
Above 1000	Peak	1 MHz	3 MHz
	Avg	1 MHz	10 Hz

3.2.3 TEST SETUP

For Radiated Emission 30~1000MHz



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



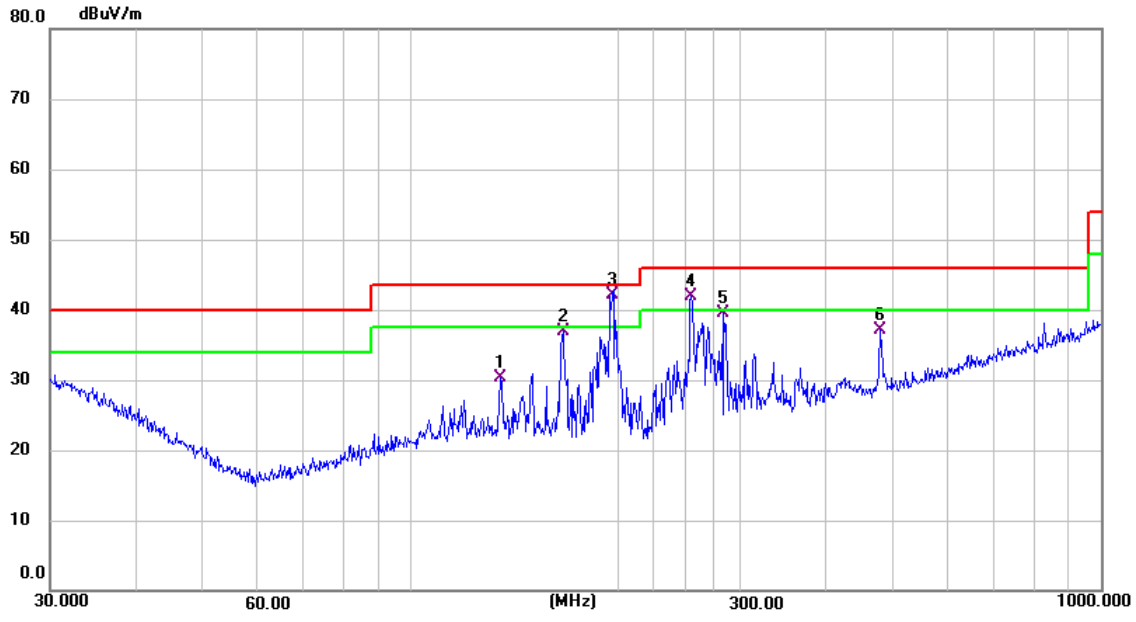
3.2.4 TEST RESULTS

TEST RESULTS (30~1000 MHz)

EUT:	Mobile Phone	Model Name:	BL55
Temperature:	24.5 ℃	Relative Humidity:	55%
Pressure:	1010 hPa	Test Date :	2023-11-27
Test Mode :	Mode 1(2G+32G)	Polarization :	Horizontal
Test Power :	DC 5V from PC AC 120V/60Hz		

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
H	135.0319	11.60	18.66	30.26	43.50	-13.24	QP
H	166.0680	19.36	17.57	36.93	43.50	-6.57	QP
H	196.0698	25.80	16.21	42.01	43.50	-1.49	QP
H	254.7284	22.89	19.04	41.93	46.00	-4.07	QP
H	283.9791	19.54	19.88	39.42	46.00	-6.58	QP
H	478.8456	12.61	24.50	37.11	46.00	-8.89	QP

Remark:
Factor = Antenna Factor + Cable Loss - Amplifier.

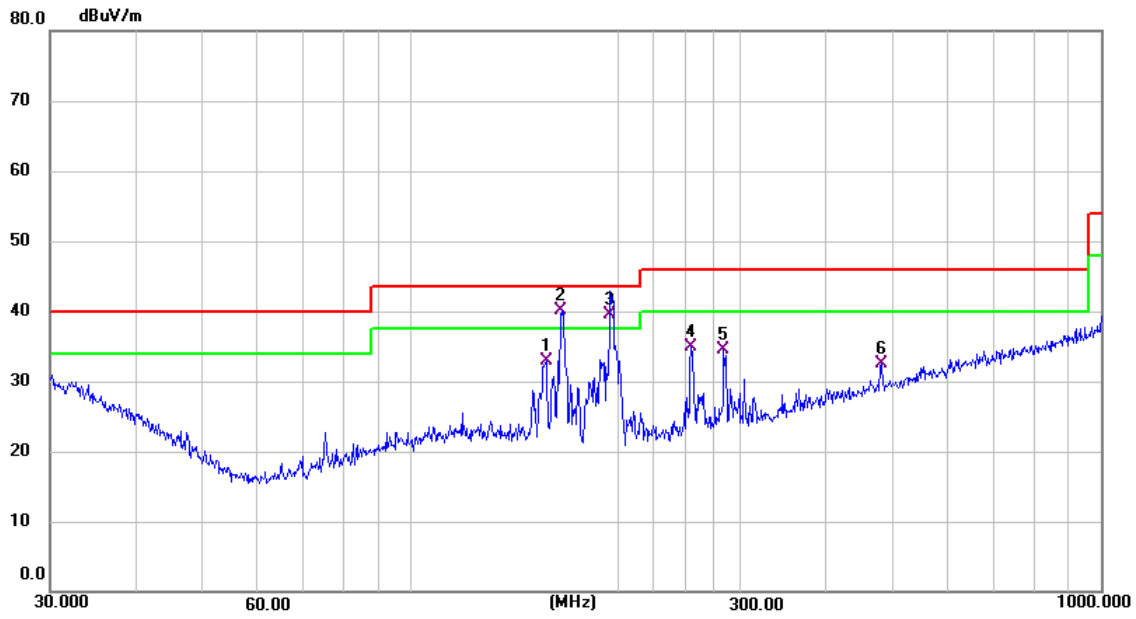


EUT:	Mobile Phone	Model Name :	BL55
Temperature:	24.5 ℃	Relative Humidity:	55%
Pressure:	1010 hPa	Test Date :	2023-11-27
Test Mode :	Mode 1(2G+32G)	Polarization :	Vertical
Test Power :	DC 5V from PC AC 120V/60Hz		

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
V	157.0074	14.81	18.09	32.90	43.50	-10.60	QP
V	165.4866	22.45	17.60	40.05	43.50	-3.45	QP
V	194.2334	23.31	16.23	39.54	43.50	-3.96	QP
V	254.7284	15.92	19.04	34.96	46.00	-11.04	QP
V	283.9791	14.56	19.88	34.44	46.00	-11.56	QP
V	480.5276	7.87	24.54	32.41	46.00	-13.59	QP

Remark:

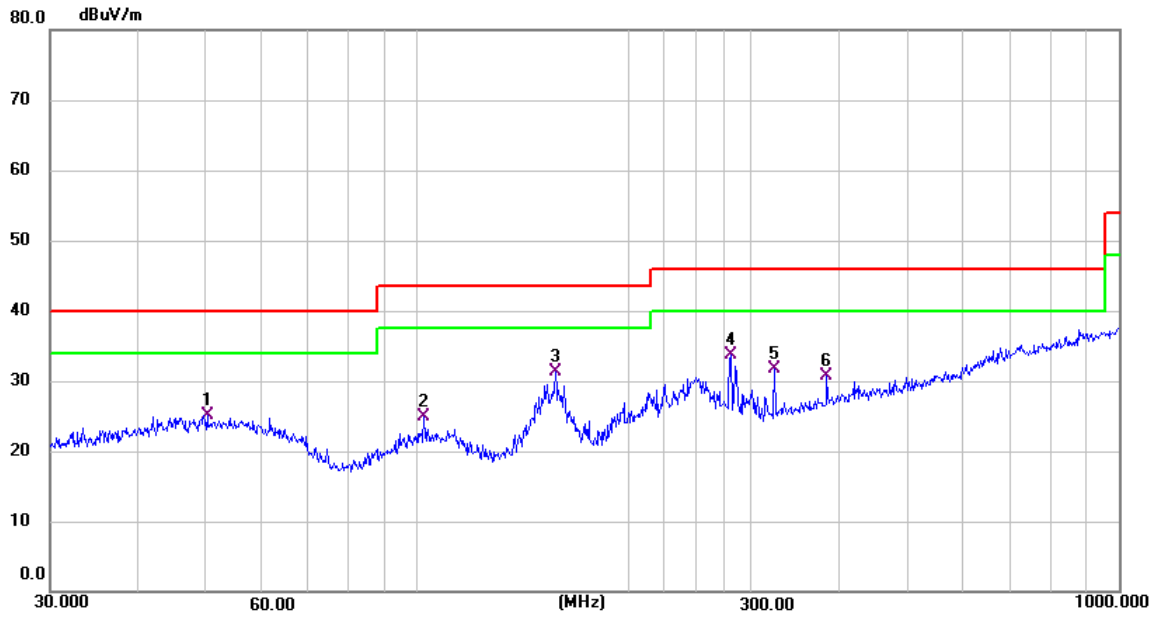
Factor = Antenna Factor + Cable Loss - Amplifier.



EUT:	Mobile Phone	Model Name:	BL55
Temperature:	24.5 ℃	Relative Humidity:	55%
Pressure:	1010 hPa	Test Date :	2023-11-27
Test Mode :	Mode 1(3G+32G)	Polarization :	Horizontal
Test Power :	DC 5V from PC AC 120V/60Hz		

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
H	50.2324	5.61	19.52	25.13	40.00	-14.87	QP
H	102.3597	7.11	17.81	24.92	43.50	-18.58	QP
H	157.5588	16.60	14.69	31.29	43.50	-12.21	QP
H	280.0237	13.97	19.79	33.76	46.00	-12.24	QP
H	323.3201	11.02	20.75	31.77	46.00	-14.23	QP
H	383.9318	8.37	22.36	30.73	46.00	-15.27	QP

Remark:
Factor = Antenna Factor + Cable Loss - Amplifier.

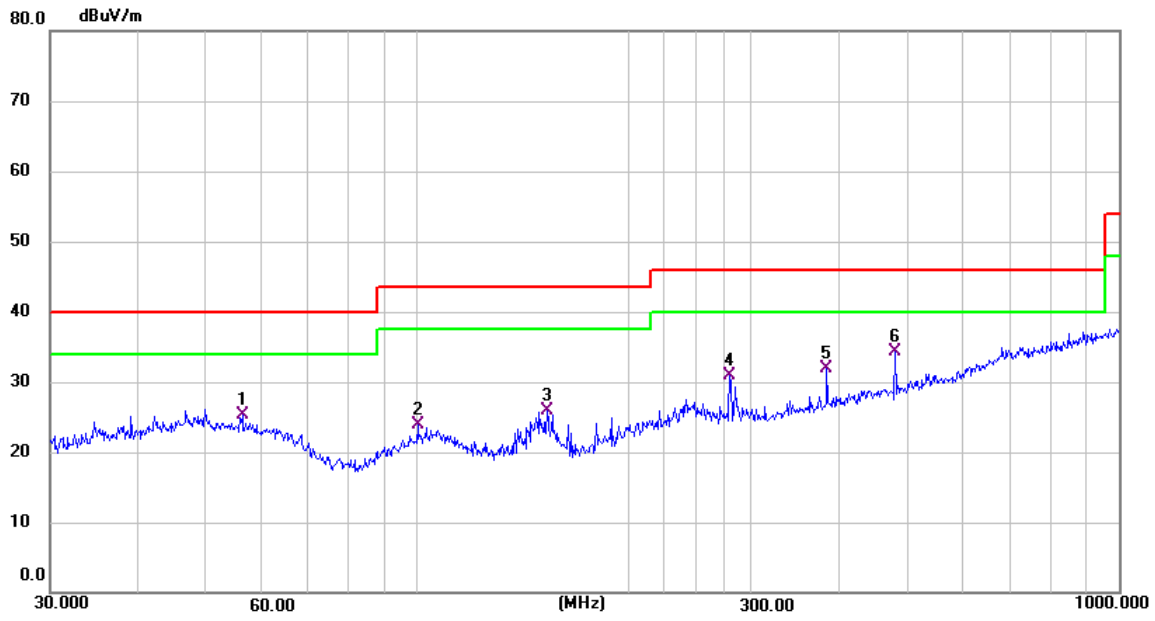


EUT:	Mobile Phone	Model Name :	BL55
Temperature:	24.5 ℃	Relative Humidity:	55%
Pressure:	1010 hPa	Test Date :	2023-11-27
Test Mode :	Mode 1(3G+32G)	Polarization :	Vertical
Test Power :	DC 5V from PC AC 120V/60Hz		

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
V	56.3948	6.15	19.19	25.34	40.00	-14.66	QP
V	100.2285	6.17	17.66	23.83	43.50	-19.67	QP
V	153.2003	11.38	14.48	25.86	43.50	-17.64	QP
V	279.0436	11.07	19.77	30.84	46.00	-15.16	QP
V	383.9318	9.47	22.36	31.83	46.00	-14.17	QP
V	480.5276	10.37	23.95	34.32	46.00	-11.68	QP

Remark:

Factor = Antenna Factor + Cable Loss - Amplifier.



3.2.5 TEST RESULTS(1000~18000MHz)

EUT:	Mobile Phone	Model Name :	BL55
Temperature:	24.5 ℃	Relative Humidity:	55%
Pressure:	1010 hPa	Test Date :	2023-11-27
Test Mode :	Mode 1(2G+32G)		
Test Power :	DC 5V from PC AC 120V/60Hz		

All the modulation modes have been tested, and the worst result was report as below:

Polar (H/V)	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Remark
V	1056.453	65.31	-23.00	42.31	74.00	-31.69	peak
V	1056.453	43.33	-23.00	20.33	54.00	-33.67	AVG
V	1196.264	65.92	-22.67	43.25	74.00	-30.75	peak
V	1196.264	48.03	-22.67	25.36	54.00	-28.64	AVG
V	1601.804	65.72	-22.14	43.58	74.00	-30.42	peak
V	1601.804	48.83	-22.14	26.69	54.00	-27.31	AVG
V	2095.800	65.37	-19.64	45.73	74.00	-28.27	peak
V	2095.800	48.09	-19.64	28.45	54.00	-25.55	AVG
V	2359.478	65.63	-19.02	46.61	74.00	-27.39	peak
V	2359.478	48.35	-19.02	29.33	54.00	-24.67	AVG
V	3546.577	58.10	-13.04	45.06	74.00	-28.94	peak
V	3546.577	42.19	-13.04	29.15	54.00	-24.85	AVG
H	1158.828	61.92	-22.66	39.26	74.00	-34.74	peak
H	1158.828	47.91	-22.66	25.25	54.00	-28.75	AVG
H	1300.858	62.72	-22.41	40.31	74.00	-33.69	peak
H	1300.858	52.61	-22.41	30.20	54.00	-23.80	AVG
H	1944.073	63.92	-20.64	43.28	74.00	-30.72	peak
H	1944.073	48.79	-20.64	28.15	54.00	-25.85	AVG
H	2407.703	62.10	-18.83	43.27	74.00	-30.73	peak
H	2407.703	45.18	-18.83	26.35	54.00	-27.65	AVG
H	2679.464	61.72	-17.37	44.35	74.00	-29.65	peak
H	2679.464	42.70	-17.37	25.33	54.00	-28.67	AVG
H	3205.345	58.53	-14.16	44.37	74.00	-29.63	peak
H	3205.345	40.81	-14.16	26.65	54.00	-27.35	AVG

EUT:	Mobile Phone	Model Name :	BL55
Temperature:	24.5 ℃	Relative Humidity:	55%
Pressure:	1010 hPa	Test Date :	2023-11-27
Test Mode :	Mode 1(3G+32G)		
Test Power :	DC 5V from PC AC 120V/60Hz		

All the modulation modes have been tested, and the worst result was report as below:

Polar (H/V)	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Remark
V	1204.000	57.18	-23.30	33.88	74.00	-40.12	peak
V	1204.000	46.32	-23.30	23.02	54.00	-30.98	AVG
V	1595.000	59.72	-22.36	37.36	74.00	-36.64	peak
V	1595.000	50.51	-22.36	28.15	54.00	-25.85	AVG
V	2581.000	53.20	-17.83	35.37	74.00	-38.63	peak
V	2581.000	43.16	-17.83	25.33	54.00	-28.67	AVG
V	3023.000	51.90	-15.68	36.22	74.00	-37.78	peak
V	3023.000	39.13	-15.68	23.45	54.00	-30.55	AVG
V	4281.000	51.94	-14.30	37.64	74.00	-36.36	peak
V	4281.000	41.32	-14.30	27.02	54.00	-26.98	AVG
V	5335.000	53.14	-12.84	40.30	74.00	-33.70	peak
V	5335.000	42.17	-12.84	29.33	54.00	-24.67	AVG
H	1068.000	58.02	-23.81	34.21	74.00	-39.79	peak
H	1068.000	49.16	-23.81	25.35	54.00	-28.65	AVG
H	1748.000	54.46	-22.12	32.34	74.00	-41.66	peak
H	1748.000	48.14	-22.12	26.02	54.00	-27.98	AVG
H	2564.000	52.81	-17.90	34.91	74.00	-39.09	peak
H	2564.000	42.05	-17.90	24.15	54.00	-29.85	AVG
H	3227.000	51.56	-15.42	36.14	74.00	-37.86	peak
H	3227.000	38.78	-15.42	23.36	54.00	-30.64	AVG
H	4043.000	50.64	-14.71	35.93	74.00	-38.07	peak
H	4043.000	37.16	-14.71	22.45	54.00	-31.55	AVG
H	4961.000	50.30	-13.06	37.24	74.00	-36.76	peak
H	4961.000	37.21	-13.06	24.15	54.00	-29.85	AVG

Remark:
Result = Reading + Correct, Over Limit= Result - Limit
Note: Only the worst results data points are reported in the report.
Other emissions are attenuated 20dB below the limit that does not recorded in the report

END OF REPORT