FCC Test Report FCC ID: ZSW-30-127

Product: Mobile Phone

Trade Mark: Bmobile

Model Number: BL52 PRO

Family Model: N/A

Report No.: \$23032100402001

Prepared for

b mobile HK Limited

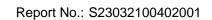
Flat 18; 14/F Block 1; Golden Industrial Building;16-26 Kwai Tak Street; Kwai Chung; New Territories; Hong Kong, China

Prepared by

Shenzhen NTEK Testing Technology Co., Ltd.

1/F, Building E, Fenda Science Park, Sanwei Community, Xixiang Street Bao'an District, Shenzhen P.R. China Tel. 400-800-6106, 0755-2320 0050, 0755-2320 0090 Website:http://www.ntek.org.cn

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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.....: S230321004002 Product name.....: Mobile Phone

Model and/or type reference : BL52 PRO

Family Model..... N/A

FCC Part15B

Standards..... 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.

This report shall not be reproduced except in full, without the written approval of NTEK, this document may be altered or revised by NTEK, personnel only, and shall be noted in the revision of the document.

Date of Test

Date of Issue: 18 May. 2023

Test Result Pass

Testing Engineer

Authorized Signatory:

(Alex Li)

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Report No.: S23032100402001

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.

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Report No.: S23032100402001

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 $\mathbf{y} \pm \mathbf{U}$, where expended uncertainty \mathbf{U} is based on a standard uncertainty multiplied by a coverage factor of $\mathbf{k=2}$, 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	

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2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

Equipment	Mobile Phone			
Trade Mark	Bmobile			
Model Name	BL52 PRO			
Family Model	N/A			
Model Difference	N/A			
Product Description Adapter	Manual, the EUT is consi			
Battery	DC 3.8V/2500mAh			
Power supply	DC 3.8V from battery or DC 5V from Adapter.			
HW Version	Bmobile_BL52Pro_HW_V001			
SW Version	Bmobile_BL52Pro_TEM_M	X_V001		

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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.

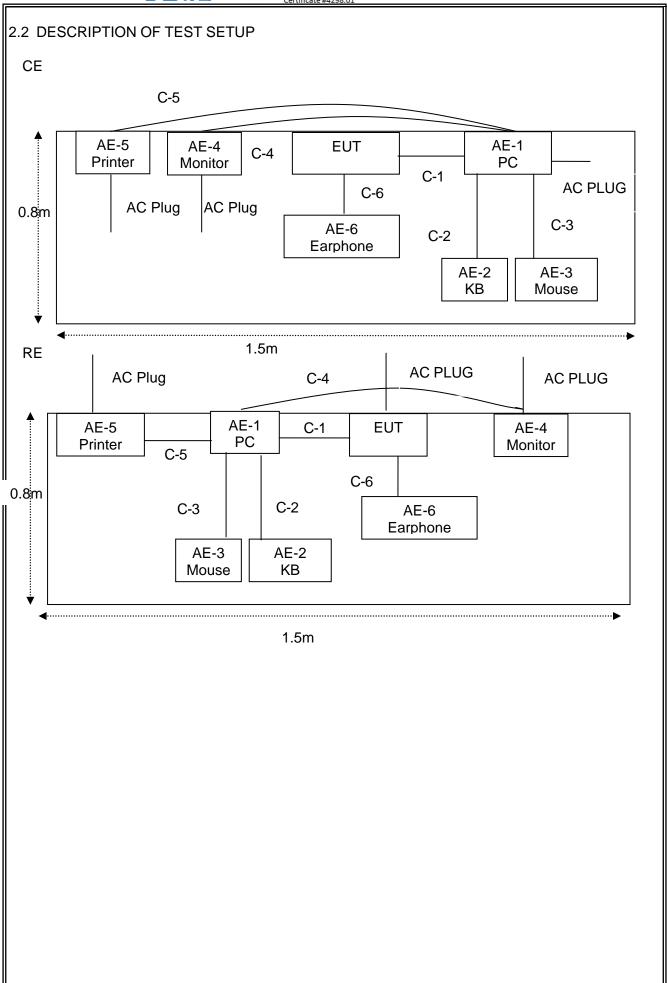
Pretest Mode	Description
Mode 1	USB Data Transmission
Mode 2	TF card Playing
Mode 3	REC
Mode 4	FM
Mode 5	GPS

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.

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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
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	ОИ	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 <code>"Length_"</code> column.
- "YES" means "shielded" "with core"; "NO" means "unshielded" "without core".

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Report No.: S23032100402001

2.4 MEASUREMENT INSTRUMENTS LIST

Radiation Test equipment

ation rest equip	oment					
Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until	Calibration period
Spectrum Analyzer	Agilent	E4407B	MY45108040	2023.03.27	2024.03.26	1 year
Test Receiver	R&S	ESPI	101318	2023.03.27	2024.03.26	1 year
Bilog Antenna	TESEQ	CBL6111D	31216	2023.03.27	2024.03.26	1 year
50Ω Coaxial Switch	Anritsu	MP59B	6200264416	2020.05.11 2023.05.06	2023.05.10 2026.05.05	3 year
Spectrum Analyzer	ADVANTEST	R3132	150900201	2023.03.27	2024.03.26	1 year
Horn Antenna	EM	EM-AH-1018 0	2011071402	2023.03.27	2024.03.26	1 year
Horn Ant	Schwarzbeck	BBHA 9170	9170-181	2022.11.08	2023.11.07	1 year
Amplifier	EMC	EMC051835 SE	980246	2022.06.17	2023.06.16	1 year
Loop Antenna	ARA	PLA-1030/B	1029	2023.03.27	2024.03.26	1 year
Power Meter	DARE	RPR3006W	15I00041SN O84	2022.06.16	2023.06.15	1 year
Power Sensor	R&S	URV4-Z4	0395.1619.0 5	2022.06.16	2023.06.15	1 year
Test Cable (30MHz-1GHz)	N/A	R-02	N/A	2022.06.17	2025.06.16	3 year
High Test Cable(1G-40G Hz)	N/A	R-03	N/A	2022.06.17	2025.06.16	3 year
High Test Cable(1G-40G Hz)	N/A	R-04	N/A	2022.06.17	2025.06.16	3 year
Test Receiver	R&S	ESCI	101160	2023.03.27	2024.03.26	1 year
	Kind of Equipment Spectrum Analyzer Test Receiver Bilog Antenna 50Ω Coaxial Switch Spectrum Analyzer Horn Antenna Horn Ant Amplifier Loop Antenna Power Meter Power Sensor Test Cable (30MHz-1GHz) High Test Cable (1G-40G Hz) High Test Cable (1G-40G Hz) Cable (1G-40G Hz)	Equipment Spectrum Analyzer Test Receiver R&S Bilog Antenna TESEQ 50Ω Coaxial Switch Spectrum Analyzer Horn Antenna EM Horn Ant Schwarzbeck Amplifier EMC Loop Antenna ARA Power Meter DARE Power Sensor R&S Test Cable (30MHz-1GHz) High Test Cable(1G-40G Hz) High Test Cable(1G-40G Hz) N/A Agilent Agalent ARS TESEQ Anritsu ADVANTEST ADVANTEST ADVANTEST ADVANTEST ADVANTEST ANA ANA ANA PNA BMC ARA PNA ARA N/A N/A Aligh Test Cable(1G-40G Hz) N/A N/A N/A N/A N/A N/A N/A N/	Kind of EquipmentManufacturerType No.Spectrum AnalyzerAgilentE4407BTest ReceiverR&SESPIBilog AntennaTESEQCBL6111D50Ω Coaxial SwitchAnritsuMP59BSpectrum AnalyzerADVANTESTR3132Horn AntennaEMEM-AH-1018 0Horn AntSchwarzbeckBBHA 9170AmplifierEMCEMC051835 SELoop AntennaARAPLA-1030/BPower MeterDARERPR3006WPower SensorR&SURV4-Z4Test Cable (30MHz-1GHz)N/AR-02High Test Cable(1G-40G Hz)N/AR-03High Test Cable(1G-40G Hz)N/AR-04	Kind of Equipment Manufacturer Type No. Serial No. Spectrum Analyzer Agilent E4407B MY45108040 Test Receiver R&S ESPI 101318 Bilog Antenna TESEQ CBL6111D 31216 50Ω Coaxial Switch Anritsu MP59B 6200264416 Spectrum Analyzer ADVANTEST R3132 150900201 Horn Antenna EM EM-AH-1018 0 2011071402 Horn Ant Schwarzbeck BBHA 9170 9170-181 Amplifier EMC EMC051835 SE 980246 Loop Antenna ARA PLA-1030/B 1029 Power Meter DARE RPR3006W 15100041SN O84 Power Sensor R&S URV4-Z4 0395.1619.0 5 Test Cable (30MHz-1GHz) N/A R-02 N/A High Test Cable (1G-40G Hz) N/A R-03 N/A High Test Cable (1G-40G Hz) N/A R-04 N/A	Kind of Equipment Manufacturer Equipment Type No. Serial No. Last calibration Spectrum Analyzer Agilent E4407B MY45108040 2023.03.27 Test Receiver R&S ESPI 101318 2023.03.27 Bilog Antenna TESEQ CBL6111D 31216 2023.03.27 50Ω Coaxial Switch Anritsu MP59B 6200264416 2020.05.11 2023.05.06 Spectrum Analyzer ADVANTEST R3132 150900201 2023.03.27 Horn Antenna EM EM-AH-1018 0 2011071402 2023.03.27 Horn Ant Schwarzbeck BBHA 9170 9170-181 2022.11.08 Amplifier EMC EMC051835 SE 980246 2022.06.17 Loop Antenna ARA PLA-1030/B 1029 2023.03.27 Power Meter DARE RPR3006W 15100041SN O84 2022.06.16 Power Sensor R&S URV4-Z4 0395.1619.0 O55.1619.0 O55 2022.06.16 Test Cable (30MHz-1GHz) N/A R-02 N/A 2022.06.17 </td <td>Kind of Equipment Equipment Spectrum AnalyzerManufacturer EquipmentType No.Serial No.Last calibration calibrationCalibrated untilSpectrum AnalyzerAgilentE4407BMY451080402023.03.272024.03.26Test ReceiverR&SESPI1013182023.03.272024.03.26Bilog AntennaTESEQCBL6111D312162023.03.272024.03.2650Ω Coaxial SwitchAnritsuMP59B62002644162020.05.11 2023.05.062023.05.10 2023.05.062023.05.06Spectrum AnalyzerADVANTESTR31321509002012023.03.272024.03.26Horn AntennaEMEM-AH-1018 020110714022023.03.272024.03.26Horn AntSchwarzbeckBBHA 91709170-1812022.11.082023.11.07AmplifierEMCEMC051835 SE9802462022.06.172023.06.16Loop AntennaARAPLA-1030/B10292023.03.272024.03.26Power MeterDARERPR3006W15100041SN 0842022.06.162023.06.15Power SensorR&SURV4-Z40395.1619.0 52022.06.162023.06.15Test Cable (30MHz-1GHz)N/AR-02N/A2022.06.172025.06.16High Test Cable(1G-40G Hz)N/AR-03N/A2022.06.172025.06.16High Test Cable(1G-40G Hz)N/AR-04N/A2022.06.172025.06.16</br></br></br></br></td>	Kind of Equipment Equipment Spectrum AnalyzerManufacturer EquipmentType No.Serial No.Last calibration calibrationCalibrated untilSpectrum AnalyzerAgilentE4407BMY451080402023.03.272024.03.26Test ReceiverR&SESPI1013182023.03.272024.03.26Bilog AntennaTESEQCBL6111D312162023.03.272024.03.2650Ω Coaxial SwitchAnritsuMP59B62002644162020.05.11 2023.05.062023.05.10 2023.05.062023.05.06Spectrum AnalyzerADVANTESTR31321509002012023.03.272024.03.26Horn AntennaEMEM-AH-1018 020110714022023.03.272024.03.26Horn AntSchwarzbeckBBHA 91709170-1812022.11.082023.11.07AmplifierEMCEMC051835 SE9802462022.06.172023.06.16Loop AntennaARAPLA-1030/B10292023.03.272024.03.26Power MeterDARERPR3006W15100041SN

AC Conduction Test equipment

		cot 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	SCHWARZBE CK	NNLK 8129	8129245	2023.03.27	2024.03.26	1 year
4	50Ω Coaxial Switch	ANRITSU CORP	MP59B	6200983704	2020.05.11 2023.05.06	2023.05.10 2026.05.05	3 year
5	Test Cable (9KHz-30MH z)	N/A	C01	N/A	2020.05.11 2023.05.06	2023.05.10 2026.05.05	3 year
6	Test Cable (9KHz-30MH z)	N/A	C02	N/A	2020.05.11 2023.05.06	2023.05.10 2026.05.05	3 year
7	Test Cable (9KHz-30MH z)	N/A	C03	N/A	2020.05.11 2023.05.06	2023.05.10 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.

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3. EMC EMISSION TEST

3.1 CONDUCTED EMISSION MEASUREMENT

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

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

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			

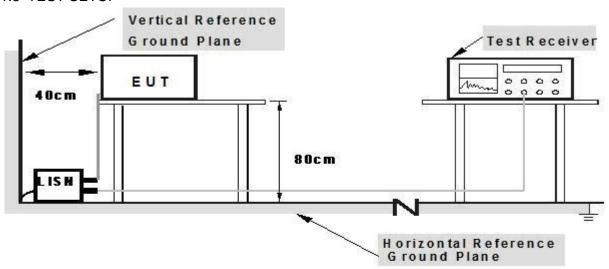
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3.1.2 TEST PROCEDURE

- 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 LISM.

2.Both of LISMs (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.

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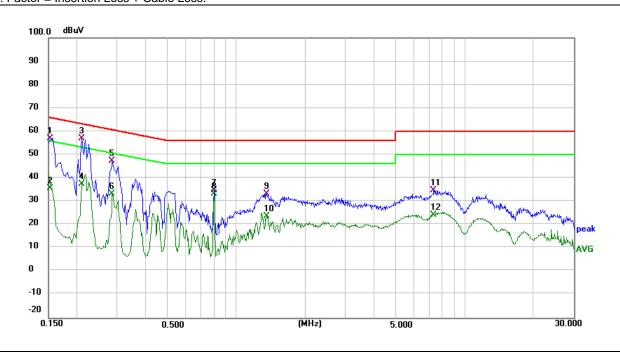
3.1.5 TEST RESULTS

EUT:	Mobile Phone	Model Name.:	BL52 PRO
Temperature:	24.5 ℃	Relative Humidity:	52%
Pressure:	1010hPa	Test Date:	2023-05-15
Test Mode:	Mode 1	Phase :	L
Test Voltage:	DC 5V from PC AC 120V/60Hz		

Frequency	Reading Level	Correct Factor	Measure-ment	Limits	Margin	Domork
(MHz)	(dBµV)	(dB)	(dBµV)	(dBµV)	(dB)	Remark
0.1539	47.00	9.90	56.90	65.79	-8.89	QP
0.1539	25.86	9.90	35.76	55.79	-20.03	AVG
0.2100	46.80	10.04	56.84	63.21	-6.37	QP
0.2100	27.52	10.04	37.56	53.21	-15.65	AVG
0.2860	37.24	10.22	47.46	60.64	-13.18	QP
0.2860	23.11	10.22	33.33	50.64	-17.31	AVG
0.7980	23.39	11.28	34.67	56.00	-21.33	QP
0.7980	21.95	11.28	33.23	46.00	-12.77	AVG
1.3580	20.74	12.39	33.13	56.00	-22.87	QP
1.3580	11.18	12.39	23.57	46.00	-22.43	AVG
7.3180	24.96	9.85	34.81	60.00	-25.19	QP
7.3180	14.42	9.85	24.27	50.00	-25.73	AVG

Remark:

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



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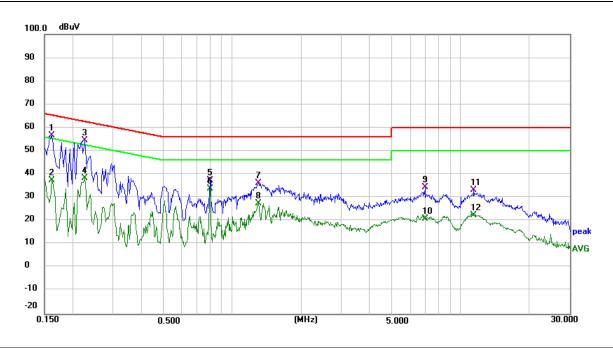


EUT:	Mobile Phone	Model Name. :	BL52 PRO
Temperature:	24.5 ℃	Relative Humidity:	52%
Pressure:	1010hPa	Test Date:	2023-05-15
Test Mode:	Mode 1	Phase :	N
Test Voltage:	DC 5V from PC AC 120V/60Hz		

Frequency	Reading Level	Correct Factor	Measure-ment	Limits	Margin	Remark
(MHz)	(dBµV)	(dB)	(dBµV)	(dBµV)	(dB)	Remark
0.1620	46.80	9.97	56.77	65.36	-8.59	QP
0.1620	27.34	9.97	37.31	55.36	-18.05	AVG
0.2260	44.46	10.08	54.54	62.60	-8.06	QP
0.2260	28.25	10.08	38.33	52.60	-14.27	AVG
0.7980	26.05	11.28	37.33	56.00	-18.67	QP
0.7980	22.60	11.28	33.88	46.00	-12.12	AVG
1.2980	23.89	12.27	36.16	56.00	-19.84	QP
1.2980	15.30	12.27	27.57	46.00	-18.43	AVG
6.9740	24.69	9.82	34.51	60.00	-25.49	QP
6.9740	11.13	9.82	20.95	50.00	-29.05	AVG
11.3780	23.44	9.94	33.38	60.00	-26.62	QP
11.3780	12.62	9.94	22.56	50.00	-27.44	AVG

Remark:

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



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3.2 RADIATED EMISSION MEASUREMENT

3.2.1 LIMITS OF RADIATED EMISSION MEASUREMENT

	Class A (at 10m)	Class B (at 3m)	
FREQUENCY (MHz)	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

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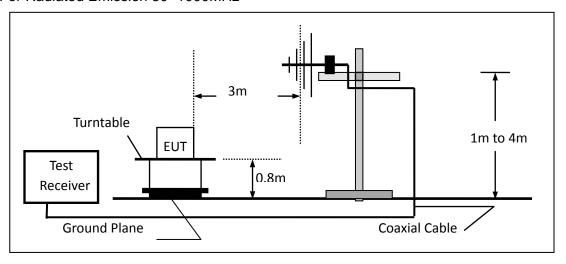


During the radiated emission test, according to ANSI C63.4-2014(4.2), the Spectrum Analyzer was set with the following configurations:

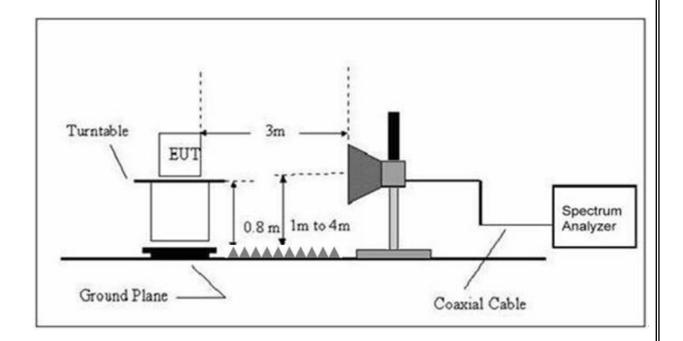
Frequency Band (MHz)	Function	Resolution bandwidth	Video Bandwidth
30 to 1000	QP	120 kHz	300 kHz
	Peak	1 MHz	3 MHz
Above 1000	Avg	1 MHz	10 Hz

3.2.3 TEST SETUP

For Radiated Emission 30~1000MHz



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



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3.2.4 TEST RESULTS

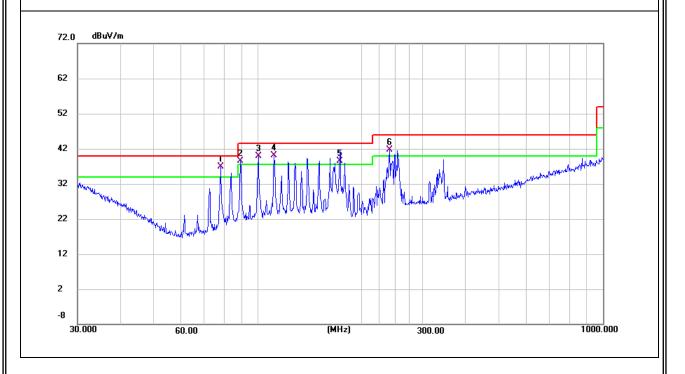
TEST RESULTS (30~1000 MHz)

	(00 1000 1111 12)		
EUT:	Mobile Phone	Model Name:	BL52 PRO
Temperature:	24.5 ℃	Relative Humidity:	55%
Pressure:	1010 hPa	Test Date :	2023-05-15
Test Mode:	Mode 1	Polarization :	Horizontal
Test Power ·	DC 5V from PC AC 120V/60Hz		

Polar	Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(H/V)	(MHz)	(dBuV)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Н	77.8653	21.87	15.00	36.87	40.00	-3.13	QP
Н	88.9639	21.99	16.61	38.60	43.50	-4.90	QP
Н	100.2286	22.27	17.70	39.97	43.50	-3.53	QP
Н	111.3468	21.66	18.39	40.05	43.50	-3.45	QP
Н	172.5988	21.15	17.35	38.50	43.50	-5.00	QP
Н	240.8304	23.52	18.11	41.63	46.00	-4.37	QP

Remark:

Factor = Antenna Factor + Cable Loss - Amplifier.



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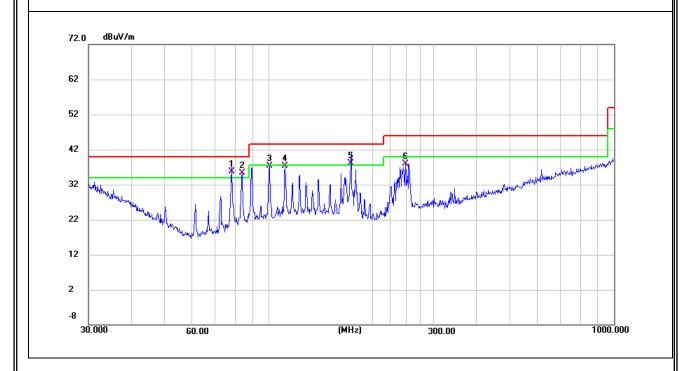


EUT:	Mobile Phone	Model Name :	BL52 PRO
Temperature:	24.5 ℃	Relative Humidity:	55%
Pressure:	1010 hPa	Test Date :	2023-05-15
Test Mode:	Mode 1	Polarization :	Vertical
Test Power:	DC 5V from PC AC 120V/60Hz		

Polar (H/V)	Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
	(MHz)	(dBuV)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	r.c.manx
V	78.1454	20.67	15.05	35.72	40.00	-4.28	QP
V	83.5220	19.49	15.86	35.35	40.00	-4.65	QP
V	100.2286	19.66	17.70	37.36	43.50	-6.14	QP
V	111.3468	18.93	18.39	37.32	43.50	-6.18	QP
V	172.9251	20.77	17.33	38.10	43.50	-5.40	QP
V	248.5519	19.15	18.82	37.97	46.00	-8.03	QP

Remark:

Factor = Antenna Factor + Cable Loss - Amplifier.



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3.2.5 TEST RESULTS(1000~18000MHz)

EUT:	Mobile Phone	Model Name :	BL52 PRO		
Temperature:	24.5 ℃	Relative Humidity:	55%		
Pressure:	1010 hPa	Test Date :	2023-05-15		
Test Mode:	Mode 1				
Test Power:	est 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	Reading	Correct	Result	Limit	Over Limit	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	rterrierr
V	1051.449	38.65	7.14	45.79	74.00	-28.21	peak
V	1051.449	23.88	7.14	31.02	54.00	-22.98	AVG
V	1446.436	37.41	7.61	45.02	74.00	-28.98	peak
V	1446.436	22.61	7.61	30.22	54.00	-23.78	AVG
V	2145.322	36.51	9.60	46.11	74.00	-27.89	peak
V	2145.322	20.96	9.60	30.56	54.00	-23.44	AVG
V	3103.070	35.98	12.66	48.64	74.00	-25.36	peak
V	3103.070	17.79	12.66	30.45	54.00	-23.55	AVG
V	4103.772	35.82	14.56	50.38	74.00	-23.62	peak
V	4103.772	17.69	14.56	32.25	54.00	-21.75	AVG
V	4865.277	35.89	16.50	52.39	74.00	-21.61	peak
V	4865.277	15.40	16.50	31.90	54.00	-22.10	AVG
Н	1064.720	38.87	7.18	46.05	74.00	-27.95	peak
Н	1064.720	24.84	7.18	32.02	54.00	-21.98	AVG
Н	1324.859	38.43	7.59	46.02	74.00	-27.98	peak
Н	1324.859	28.74	7.59	36.33	54.00	-17.67	AVG
Н	2088.431	36.34	9.43	45.77	74.00	-28.23	peak
Н	2088.431	22.72	9.43	32.15	54.00	-21.85	AVG
Н	2867.827	35.92	11.61	47.53	74.00	-26.47	peak
Н	2867.827	19.64	11.61	31.25	54.00	-22.75	AVG
Н	3924.004	35.76	14.11	49.87	74.00	-24.13	peak
Н	3924.004	16.22	14.11	30.33	54.00	-23.67	AVG
Н	4496.441	35.50	15.39	50.89	74.00	-23.11	peak
Н	4496.441	20.63	15.39	36.02	54.00	-17.98	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

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