

FCC Test Report FCC ID: ZSW-30-112

Certificate #4298.01

Product:Mobile PhoneTrade Mark:BmobileModel Number:BL50 PROFamily Model:N/AReport No.:S21061002302006

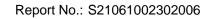
Prepared for

b mobile HK Limited

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

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







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.
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.
Product description	
Product name:	Mobile Phone
Model and/or type reference :	BL50 PRO
Family Model:	
Standards	FCC Part15B ANSI C63.4:2014
<u></u>	

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::	Jun 10. 2021 ~Jun 25, 2021
Date of Issue:	Jun 28, 2021
Test Result:	Pass

:

2

Testing Engineer

Nen lin

(Allen Liu)

Technical Manager

(Jason Chen)

Authorized Signatory :

(Alex Li)

Report No.: S21061002302006





Table of Contents	Page
1. TEST SUMMARY	4
1.1 TEST FACILITY	5
1.2 MEASUREMENT UNCERTAINTY	5
2 . GENERAL INFORMATION	6
2.1 GENERAL DESCRIPTION OF EUT	6
2.2 DESCRIPTION OF TEST SETUP	8
2.3 DESCRIPTION TEST PERIPHERAL AND EUT PERIPHERAL	9
2.4 MEASUREMENT INSTRUMENTS LIST	10
3 . EMC EMISSION TEST	11
3.1 CONDUCTED EMISSION MEASUREMENT	11
3.1.1 POWER LINE CONDUCTED EMISSION	11
3.1.2 TEST PROCEDURE 3.1.3 TEST SETUP	12 12
3.1.4 EUT OPERATING CONDITIONS	12
3.1.5 TEST RESULTS	13
3.2 RADIATED EMISSION MEASUREMENT	15
3.2.1 LIMITS OF RADIATED EMISSION MEASUREMENT	15
3.2.2 TEST PROCEDURE	15
3.2.3 TEST SETUP	16
3.2.4 TEST RESULTS 3.2.5 TEST RESULTS(1000~18000MHz)	17 19
3.2.3 + CO + (COC) + (1000 - 10000) + (2)	19





1. TEST SUMMARY

Test procedures according to the technical standards:

EMC Emission						
Standard	Test Item	Limit	Judgment	Remark		
FCC Part15B	Conducted Emission	Class B	PASS			
ANSI C63.4: 2014	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

NTEK北测

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-RegistrationThe Certificate Registration Number is 9270A.
CAB identifier:CN0074FCC- AccreditedTest Firm Registration Number: 463705.
Designation Number: CN1184

1.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement $y \pm U$, 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	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	

NTEKJL测



2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

Equipment	Mobile Phone		
Trade Mark	Bmobile		
Model Name	BL50 PRO		
Family Model	N/A		
Model Difference	N/A		
	The EUT is a Mobile Phone.		
Product Description	Connecting I/O port: Micro USB, Earphone		
	Operation Frequency: 2.4GHz		
	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.		
Power Source	DC 3.7V/2000mAh from battery or DC 5V from Adapter.		
Adapter	Input: AC 100-240V~50-60Hz 0.2A Output: DC 5.0V1A		
HW Version Bmobile_BL50_PRO_HW_V1.0			
SW Version	Bmobile_BL50_PRO_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	

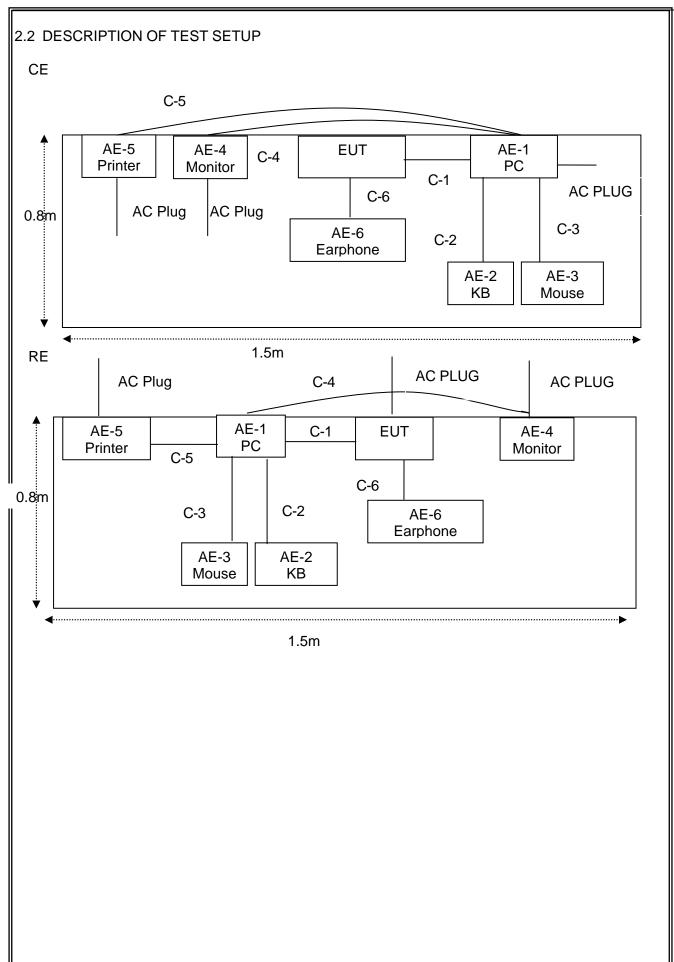
For Conducted Test				
Final Test Mode	Description			
Mode 1	USB Data Transmission			
Mode 2	TF card Playing			
Mode 3	REC			
Mode 4	FM			
Mode 5	GPS			

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.











2.3 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	DELL	MS111-P	N/A	Peripherals
AE-4	Monitor	DELL	IN2020MB	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	1.0m	
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 ^r Length ^a column.
- (3) "YES" means "shielded" "with core"; "NO" means "unshielded" "without core".



Report No.: S21061002302006

2.4 MEASUREMENT INSTRUMENTS LIST

Radiation Test equipment

ation Test equip	oment				Radiation Test equipment								
Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until	Calibratio n period							
Spectrum Analyzer	Agilent	E4407B	MY4510804 0	2021.04.27	2022.04.26	1 year							
Test Receiver	R&S	ESPI	101318	2021.04.27	2022.04.26	1 year							
Bilog Antenna	TESEQ	CBL6111D	31216	2021.03.29	2022.03.28	1 year							
50Ω Coaxial Switch	Anritsu	MP59B	620026441 6	2021.04.27	2022.04.26	1 year							
Spectrum Analyzer	ADVANTEST	R3132	150900201	2021.04.27	2022.04.26	1 year							
Horn Antenna	EM	EM-AH-101 80	2011071402	2021.03.29	2022.03.28	1 year							
Horn Ant	Schwarzbeck	BBHA 9170	9170-181	2021.04.27	2022.04.26	1 year							
Amplifier	EMC	EMC05183 5SE	980246	2021.04.27	2022.04.26	1 year							
Loop Antenna	ARA	PLA-1030/B	1029	2021.04.27	2022.04.26	1 year							
Power Meter	DARE	RPR3006W	15I00041S NO84	2021.04.27	2022.04.26	1 year							
Power Sensor	R&S	URV4-Z4	0395.1619. 05	2021.04.27	2022.04.26	1 year							
Test Cable (30MHz-1GH z)	N/A	R-02	N/A	2019.06.28	2022.06.27	3 year							
High Test Cable(1G-40 GHz)	N/A	R-03	N/A	2019.06.28	2022.06.27	3 year							
High Test Cable(1G-40 GHz)	N/A	R-04	N/A	2019.06.28	2022.06.27	3 year							
Test Receiver	R&S	ESCI	101160	2021.04.27	2022.04.26	1 year							
anduction Test													
		Type No	Serial No	Last	Calibrated	Calibratio							
Equipment	rer	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		calibration	until	n period							
Test Receive	er R&S	ESCI	101160	2021.04.27	2022.04.26	1 year							
LISN	R&S	ENV216	101313	2021.04.27	2022.04.26	1 year							
LISN	SCHWAR ZBECK	NNLK 8129	8129245	2021.04.27	2022.04.26	1 year							
50Ω Coaxial Switch	I ANRITSU CORP	MP59B	620098370 4	2020.05.11	2023.05.10	3 year							
Test Cable (9KHz-30MH	z) N/A	C01	N/A	2020.05.11	2023.05.10	3 year							
	Kind of EquipmentSpectrum AnalyzerTest ReceiverBilog Antenna50Ω Coaxial SwitchSpectrum AnalyzerHorn AntennaHorn AntennaHorn AntennaPower MeterPower MeterPower MeterSensorTest Cable (30MHz-1GH z)High Test Cable(1G-40 GHz)High Test Cable(1G-40 GHz)Test Receiverconduction Test Kind of EquipmentTest ReceiverLISN50Ω Coaxia SwitchTest Cable	Kind of EquipmentManufacturerSpectrum AnalyzerAgilentTest ReceiverR&SBilog AntennaTESEQ50Ω Coaxial SwitchAnritsuSpectrum AnalyzerADVANTESTHorn AntennaEMHorn AntEMCLoop AntennaARAPower MeterDAREPower MeterDAREN/AZ)High Test Cable(1G-40 GHz)N/AHigh Test Cable(1G-40 GHz)N/ATest ReceiverR&SAnufactu rerrerTest ReceiverR&SConduction Test EquipmentManufactu rerTest ReceiverR&SLISNSCHWAR ZBECKSon Coaxial SwitchANRITSU CORPSon Coaxial SwitchANRITSU CORP	Kind of EquipmentManufacturerType No.Spectrum AnalyzerAgilentE4407BTest ReceiverR&SESPIBilog AntennaTESEQCBL6111D50Ω Coaxial SwitchAnritsuMP59BSpectrum AnalyzerADVANTESTR3132Horn AntennaEMEM-AH-101 80Horn AntSchwarzbeckBBHA 9170AmplifierEMCEMC05183 5SELoop AntennaARAPLA-1030/BPower MeterDARERPR3006WPower MeterDARERPR3006WPower SensorR&SURV4-Z4Test Cable (30MHz-1GH GHz)N/AR-03High Test Cable(1G-40 GHz)N/AR-03GHz)N/AR-04Test ReceiverR&SESCIKind of EquipmentManufactu rerType No.Test ReceiverR&SESCILISNR&SESCILISNSCHWAR ZBECKNNLK 8129S0Ω Coaxial SwitchANRITSU CORPMP59BTest Cable SwitchN/AC01	Kind of EquipmentManufacturerType No.Serial No.Spectrum AnalyzerAgilentE4407BMY4510804 0Test ReceiverR&SESPI101318Bilog AntennaTESEQCBL6111D31216 50Ω Coaxial SwitchAnritsuMP59B 620026441 6Spectrum AnalyzerADVANTESTR3132150900201Horn AntennaEM $EM-AH-101$ 802011071402Horn AntSchwarzbeckBBHA 91709170-181AmplifierEMC $EMC05183$ SSE980246Loop AntennaARAPLA-1030/B1029Power MeterDARERPR3006W $15100041S$ NO84Power SensorR&SURV4-Z40395.1619. 05Test Cable (30MHz-1GH Z)N/AR-02N/AHigh Test Cable(1G-40 GHz)N/AR-03N/AHigh Test Cable(1G-40 GHz)N/AR-04N/ATest ReceiverR&SESCI101160High Test Cable(1G-40 GHz)Manufactu rerType No.Serial No.Mind of EquipmentManufactu R&SESCI101160High Test Cable(1G-40 GHz)R&SESCI101160Its ReceiverR&SESCI101160Its ReceiverR&SESCI101160LISNR&SESCI101160LISNR&SESCI101313LISNSCHWAR ZBECKMP59B620098370 4500 Coaxial Switch	Kind of Equipment Manufacturer Type No. Serial No. Last calibration Spectrum Analyzer Agilent E4407B MY4510804 0 2021.04.27 Test Receiver R&S ESPI 101318 2021.04.27 Bilog Antenna TESEQ CBL6111D 31216 2021.04.27 Bilog Antenna TESEQ CBL6111D 31216 2021.04.27 Switch Anritsu MP59B 620026441 2021.04.27 Spectrum Analyzer ADVANTEST R3132 150900201 2021.04.27 Horn Antenna EM EM-AH-101 2011071402 2021.04.27 Horn Ant Schwarzbeck BBHA 9170 9170-181 2021.04.27 Amplifier EMC 5SE 980246 2021.04.27 Loop Antenna ARA PLA-1030/B 1029 2021.04.27 Power Meter DARE RPR3006W 15100041S NO84 2021.04.27 G30ML2-1GH N/A R-02 N/A 2019.06.28 GH2) N/A R-03 <td>Kind of Equipment Manufacturer Agilent Type No. Serial No. Last calibration Calibrated until Spectrum Analyzer Agilent E4407B MY4510804 0 2021.04.27 2022.04.26 Test Receiver R&S ESPI 101318 2021.04.27 2022.04.26 Bilog Antenna TESEQ CBL6111D 31216 2021.04.27 2022.04.26 Switch Anritsu MP59B 620026441 6 2021.04.27 2022.04.26 Spectrum Analyzer ADVANTEST R3132 150900201 2021.04.27 2022.04.26 Horn Ant Analyzer ADVANTEST R3132 150900201 2021.04.27 2022.04.26 Horn Ant EM EMC 80 2021.04.27 2022.04.26 Amplifier EMC EMC05183 980246 2021.04.27 2022.04.26 Power Meter DARE RPR3006W 15100041S NO84 2021.04.27 2022.04.26 Power Meter DARE RPR306W 1500041S NO84 2021.04.27 2022.04.26 Test Cable (30MHz-1</td>	Kind of Equipment Manufacturer Agilent Type No. Serial No. Last calibration Calibrated until Spectrum Analyzer Agilent E4407B MY4510804 0 2021.04.27 2022.04.26 Test Receiver R&S ESPI 101318 2021.04.27 2022.04.26 Bilog Antenna TESEQ CBL6111D 31216 2021.04.27 2022.04.26 Switch Anritsu MP59B 620026441 6 2021.04.27 2022.04.26 Spectrum Analyzer ADVANTEST R3132 150900201 2021.04.27 2022.04.26 Horn Ant Analyzer ADVANTEST R3132 150900201 2021.04.27 2022.04.26 Horn Ant EM EMC 80 2021.04.27 2022.04.26 Amplifier EMC EMC05183 980246 2021.04.27 2022.04.26 Power Meter DARE RPR3006W 15100041S NO84 2021.04.27 2022.04.26 Power Meter DARE RPR306W 1500041S NO84 2021.04.27 2022.04.26 Test Cable (30MHz-1							

 /
 (9KHz-30MHz)
 IV/A
 COS
 IV/A
 2020.03.11
 2023.03.10
 3 yet

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

N/A

N/A

2020.05.11

2020.05.11

2023.05.10

2023.05.10

C02

C03

6

7

Test Cable

(9KHz-30MHz) Test Cable N/A

N/A

3 year

3 year





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

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



3.1.2 TEST PROCEDURE

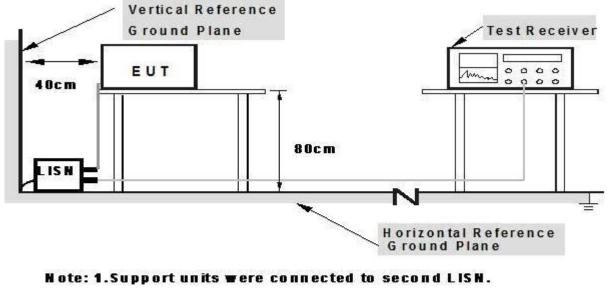
a. The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.

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Certificate #4298.01

- 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



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.



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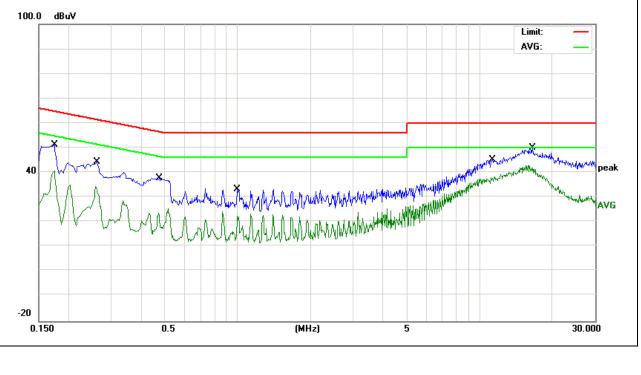
3.1.5 TEST RESULTS

EUT:	Mobile Pho	one		del Name. :	BL50 PRO		
Temperature:	24.5 ℃		Re	lative Humidity:	52%	52%	
Pressure:	1010hPa		Tes	st Date:	2021-06-22		
Test Mode: Mode 1			Pha	ase :	L		
Test Voltage: DC 5V from PC AC 120V/60Hz			//60Hz				
Frequency	Reading Level	Correct Factor	Measure-me	ent Limits	Margin	Damanla	
(MHz)	(dBµV)	(dB)	(dBµV)	(dBµV)	(dB)	Remark	
0.1740	41.61	9.55	51.16	64.76	-13.60	QP	
0.1740	31.19	9.55	40.74	54.76	-14.02	AVG	
0.2620	34.76	9.54	44.30	61.36	-17.06	QP	
0.2620	28.78	9.54	38.32	51.36	-13.04	AVG	
0.4740	28.29	9.55	37.84	56.44	-18.60	QP	
0.4740	15.97	9.55	25.52	46.44	-20.92	AVG	
0.9980	23.58	9.56	33.14	56.00	-22.86	QP	
0.9980	13.80	9.56	23.36	46.00	-22.64	AVG	
11.2979	35.59	9.72	45.31	60.00	-14.69	QP	
11.2979	25.64	9.72	35.36	50.00	-14.64	AVG	
16.5340	40.24	9.83	50.07	60.00	-9.93	QP	
16.5340	33.08	9.83	42.91	50.00	-7.09	AVG	

Remark:

1. All readings are Quasi-Peak and Average values.

2. Factor = Insertion Loss + Cable Loss.



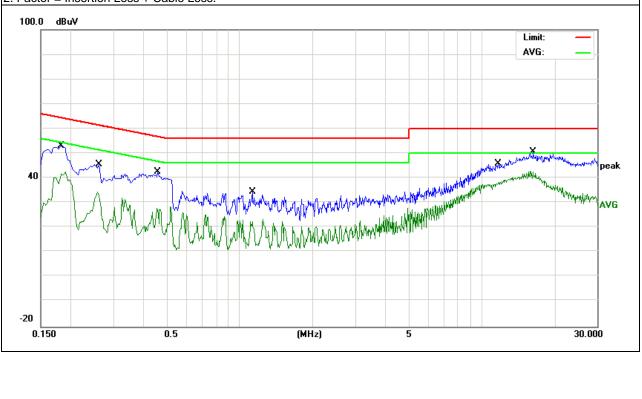


EUT:	Mobile Pho	one	Mo	del Name. :	BL50 PRO	
Temperature	: 24.5 ℃		Rel	ative Humidity:	52%	
Pressure:	1010hPa		Tes	t Date:	2021-06-22	
Test Mode: Mode 1			Pha	ase :	Ν	
Test Voltage: DC 5V from PC AC 120V/60Hz						
Frequency Reading Level Correct Factor Measure-n			Measure-me	ent Limits	Margin	David
(MHz)	(dBµV)	(dB)	(dBµV)	(dBµV)	(dB)	Remark
0.1819	43.51	9.54	53.05	64.39	-11.34	QP
0.1819	33.01	9.54	42.55	54.39	-11.84	AVG
0.2620	36.15	9.53	45.68	61.36	-15.68	QP
0.2620	25.80	9.53	35.33	51.36	-16.03	AVG
0.4580	33.02	9.54	42.56	56.73	-14.17	QP
0.4580	18.94	9.54	28.48	46.73	-18.25	AVG
1.1260	24.87	9.55	34.42	56.00	-21.58	QP
1.1260	15.10	9.55	24.65	46.00	-21.35	AVG
11.7339	36.24	9.71	45.95	60.00	-14.05	QP
11.7339	25.98	9.71	35.69	50.00	-14.31	AVG
16.3900	40.72	9.80	50.52	60.00	-9.48	QP
16.3900	32.98	9.80	42.78	50.00	-7.22	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

	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



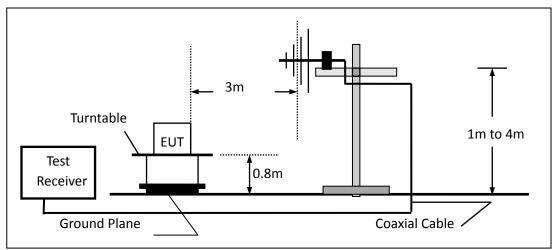


During the radiated emission test, according to ANSI C63.4-2014(4.2), the Spectrum Analyzer was set with the following configurations:

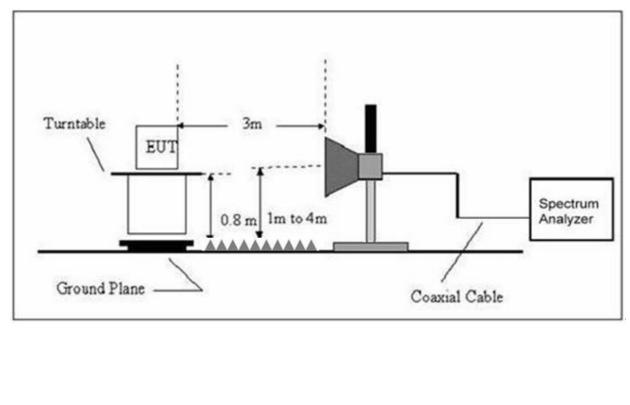
Frequency Band (MHz)	Function	Resolution bandwidth	Video Bandwidth
30 to 1000	QP	120 kHz	300 kHz
	Peak	1 MHz	3 MHz
Above 1000	Avg	1 MHz	10 Hz

3.2.3 TEST SETUP

For Radiated Emission 30~1000MHz



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





3.2.4 TEST RESULTS

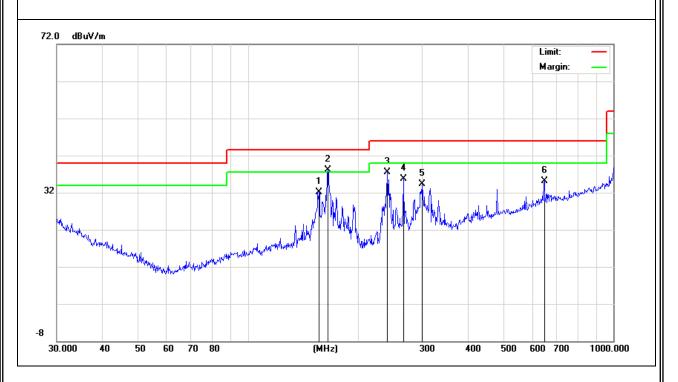
TEST RESULTS	(30~1000 MHz)

EUT:	Mobile Phone	Model Name:	BL50 PRO
Temperature:	24.5 °C	Relative Humidity:	55%
Pressure:	1010 hPa	Test Date :	2021-06-22
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)	T CONTRACT OF
Н	156.4577	19.94	12.21	32.15	43.50	-11.35	QP
Н	165.4866	26.63	11.52	38.15	43.50	-5.35	QP
Н	240.8303	24.76	12.68	37.44	46.00	-8.56	QP
Н	266.6089	20.63	15.05	35.68	46.00	-10.32	QP
Н	300.3672	18.93	15.33	34.26	46.00	-11.74	QP
Н	647.3855	11.89	23.22	35.11	46.00	-10.89	QP

Remark:

Factor = Antenna Factor + Cable Loss - Amplifier.







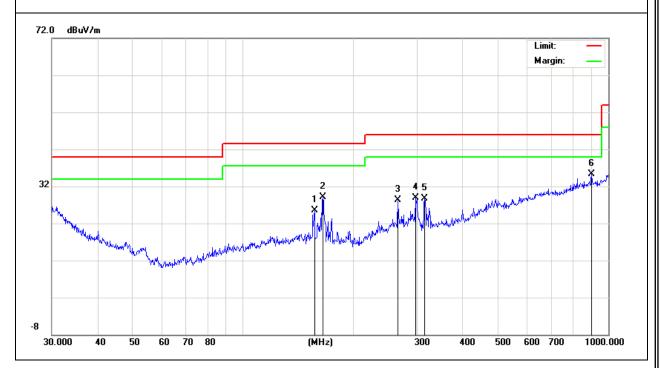
Report No.: S21061002302006

EUT:	Mobile Phone	Model Name :	BL50 PRO
Temperature:	24.5 ℃	Relative Humidity:	55%
Pressure:	1010 hPa	Test Date :	2021-06-22
Test Mode :	Mode 1	Polarization :	Vertical
Test Power :	DC 5V from PC AC 120V/60Hz		

Polar	Frequency	Meter Reading	Eactor Margin		Margin	Remark	
(H/V)	(MHz)	(dBuV)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	T Containe
V	157.0074	13.28	12.22	25.50	43.50	-18.00	QP
V	165.4866	17.59	11.52	29.11	43.50	-14.39	QP
V	265.6757	13.37	14.95	28.32	46.00	-17.68	QP
V	297.2241	13.83	15.01	28.84	46.00	-17.16	QP
V	314.3765	13.21	15.41	28.62	46.00	-17.38	QP
V	900.1474	8.97	26.41	35.38	46.00	-10.62	QP

Remark:

Factor = Antenna Factor + Cable Loss - Amplifier.





Report No.: S21061002302006

3.2.5 TEST RESULTS(1000~18000MHz)

UT:	Mobile	Mobile Phone			Model Name :		BL50 PRO	
emperatu	ıre: 24.5 ℃	24.5 ℃			Relative Humidity:		55%	
ressure:	1010 hl	1010 hPa			Test Date : 20		021-06-22	
est Mode	: Mode 1					•		
est Power : DC 5V		from PC AC 120V/60Hz						
ll the mod	ulation modes h	ave been tested	d, and the v	vorst result wa	as report a	as below:		
Polar (H/V)	Frequency	Reading	Correct	Result (dBuV/m)	Limit	Over Limit	Remark	
	(MHz)	(dBuV/m)	dB/m		(dBuV/m)) (dB)		
V	2955	63.8	-21.79	42.01	74	-31.99	peak	
V	2955	54.81	-21.79	33.02	54	-20.98	AVG	
V	4400	62.51	-15.04	47.47	74	-26.53	peak	
V	4400	50.19	-15.04	35.15	54	-18.85	AVG	
V	5930	58.63	-14.12	44.51	74	-29.49	peak	
V	5930	48.27	-14.12	34.15	54	-19.85	AVG	
V	7077.5	57.76	-11.16	46.6	74	-27.4	peak	
V	7077.5	47.52	-11.16	36.36	54	-17.64	AVG	
V	10647.5	52.41	-5.76	46.65	74	-27.35	peak	
V	10647.5	40.88	-5.76	35.12	54	-18.88	AVG	
V	12517.5	53.26	-5.03	48.23	74	-25.77	peak	
V	12517.5	39.2	-5.03	34.17	54	-19.83	AVG	
Н	1212.5	64.16	-26.99	37.17	74	-36.83	peak	
Н	1212.5	55.17	-26.99	28.18	54	-25.82	AVG	
Н	2487.5	67.06	-23.29	43.77	74	-30.23	peak	
Н	2487.5	56.31	-23.29	33.02	54	-20.98	AVG	
Н	4315	63.69	-15.45	48.24	74	-25.76	peak	
Н	4315	53.6	-15.45	38.15	54	-15.85	AVG	
Н	4782.5	62.87	-13.98	48.89	74	-25.11	peak	
Н	4782.5	52.67	-13.98	38.69	54	-15.31	AVG	
Н	6567.5	60.33	-12.23	48.1	74	-25.9	peak	
Н	6567.5	49.37	-12.23	37.14	54	-16.86	AVG	
Н	10562.5	54.28	-5.77	48.51	74	-25.49	peak	
Н	10562.5	43.79	-5.77	38.02	54	-15.98	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