EMC TEST REPORT



Report No.: 17071048-FCC-E Supersede Report No: N/A

Applicant	BLU Products,Inc			
Product Name	Feature Phone			
Model No.	TANK 2.4 T	TORCH		
Serial No.	N/A			
Test Standard	FCC Part 1	5 Subpart B	Class B:2016, A	NSI C63.4: 2014
Test Date	October 10	to October 2	3, 2017	
Issue Date	October 24	, 2017		
Test Result	Pass	Fail		
Equipment complied with the specification				
Equipment did not comply with the specification				
mais.	He	David	Huang	
Evans He Test Engineer			I Huang cked By	

This test report may be reproduced in full only

Test result presented in this test report is applicable to the tested sample only

Issued by:

SIEMIC (SHENZHEN-CHINA) LABORATORIES

Zone A, Floor 1, Building 2 Wan Ye Long Technology Park
South Side of Zhoushi Road, Bao' an District, Shenzhen, Guangdong China 518108

Phone: +86 0755 2601 4629801 Email: China@siemic.com.cn



Test Report	17071048-FCC-E
Page	2 of 36

Laboratories Introduction

SIEMIC, headquartered in the heart of Silicon Valley, with superior facilities in US and Asia, is one of the leading independent testing and certification facilities providing customers with one-stop shop services for Compliance Testing and Global Certifications.



In addition to testing and certification, SIEMIC provides initial design reviews and compliance management throughout a project. Our extensive experience with China, Asia Pacific, North America, European, and International compliance requirements, assures the fastest, most cost effective way to attain regulatory compliance for the global markets.

Accreditations for Conformity Assessment

Country/Region	Scope
USA	EMC, RF/Wireless, SAR, Telecom
Canada	EMC, RF/Wireless, SAR, Telecom
Taiwan	EMC, RF, Telecom, SAR, Safety
Hong Kong	RF/Wireless, SAR, Telecom
Australia	EMC, RF, Telecom, SAR, Safety
Korea	EMI, EMS, RF, SAR, Telecom, Safety
Japan	EMI, RF/Wireless, SAR, Telecom
Singapore	EMC, RF, SAR, Telecom
Europe	EMC, RF, SAR, Telecom, Safety



Test Report	17071048-FCC-E
Page	3 of 36

This page has been left blank intentionally.



Test Report	17071048-FCC-E
Page	4 of 36

CONTENTS

1.	REPORT REVISION HISTORY	5
2.	CUSTOMER INFORMATION	5
3.	TEST SITE INFORMATION	5
4.	EQUIPMENT UNDER TEST (EUT) INFORMATION	6
5.	TEST SUMMARY	8
6.	MEASUREMENTS, EXAMINATION AND DERIVED RESULTS	9
6.1	AC POWER LINE CONDUCTED EMISSIONS	9
6.2	RADIATED EMISSIONS	15
INA	NEX A. TEST INSTRUMENT	20
INA	NEX B. EUT AND TEST SETUP PHOTOGRAPHS	21
INA	NEX C. TEST SETUP AND SUPPORTING EQUIPMENT	32
INA	NEX D. USER MANUAL / BLOCK DIAGRAM / SCHEMATICS / PARTLIST	35
INA	NEX E. DECLARATION OF SIMILARITY	36



Test Report	17071048-FCC-E
Page	5 of 36

1. Report Revision History

Report No.	Report Version	Description	Issue Date
17071048-FCC-E	NONE	Original	October 24, 2017

2. Customer information

Applicant Name	BLU Products,Inc
Applicant Add	10814 NW 33rd St#100 Doral,FL33172,USA
Manufacturer	BLU Products,Inc
Manufacturer Add	10814 NW 33rd St#100 Doral,FL33172,USA

3. Test site information

Lab performing tests	SIEMIC (Shenzhen-China) LABORATORIES	
	Zone A, Floor 1, Building 2 Wan Ye Long Technology Park	
Lab Address	South Side of Zhoushi Road, Bao' an District, Shenzhen, Guangdong China	
	518108	
FCC Test Site No.	535293	
IC Test Site No.	4842E-1	
Test Software of	Dadiated Emission Draways To Chamban v2 0	
Radiated Emission	Radiated Emission Program-To Shenzhen v2.0	
Test Software of	E7 FMC(venter 0244)	
Conducted Emission	EZ-EMC(ver.lcp-03A1)	



Trade Name:

Test Report	17071048-FCC-E
Page	6 of 36

4. Equipment under Test (EUT) Information

4. Equipment under	
Description of EUT:	Feature Phone
Main Model:	TANK 2.4 TORCH
Serial Model:	N/A
Antenna Gain:	GSM850: 0.5dBi PCS1900: 0.8dBi Bluetooth: 1.0dBi
Antenna Type:	GSM: PIFA antenna BT: Monopole antenna
Input Power:	Adapter: Model: US-WW-1003 Input: AC100-240V~50/50Hz,0.2mA Output: DC 5.0V, 1.0A Battery: Model: C814670300L Spec: 3.7V, 3000mAh, 11.1Wh
Equipment Category:	JBP
Type of Modulation:	GSM / GPRS: GMSK Bluetooth: GFSK, π /4DQPSK, 8DPSK
RF Operating Frequency (ies):	GSM850 TX: 824.2 ~ 848.8 MHz; RX: 869.2 ~ 893.8 MHz PCS1900 TX: 1850.2 ~ 1909.8 MHz; RX: 1930.2 ~ 1989.8 MHz Bluetooth: 2402-2480 MHz
Number of Channels:	GSM 850: 124CH PCS1900: 299CH Bluetooth: 79CH
Port:	USB Port, Earphone Port

BLU



Test Report	17071048-FCC-E
Page	7 of 36

FCC ID: YHLBLUTK24TORCH

GPRS Multi-slot class 8/10/11/12

Date EUT received: October 09, 2017

Test Date(s): October 10 to October 23, 2017



Test Report	17071048-FCC-E
Page	8 of 36

5. Test Summary

The product was tested in accordance with the following specifications.

All testing has been performed according to below product classification:

FCC Rules	Description of Test	Result
§15.107; ANSI C63.4: 2014	AC Power Line Conducted Emissions	Compliance
§15.109; ANSI C63.4: 2014	Radiated Emissions	Compliance

Measurement Uncertainty

Parameter	Uncertainty	
AC Power Line Conducted Emissions	±3.11dB	
(150kHz~30MHz)		
Radiated Emission(30MHz~1GHz)	±5.12dB	
Radiated Emission(1GHz~6GHz)	±5.34dB	



Test Report	17071048-FCC-E
Page	9 of 36

6. Measurements, Examination And Derived Results

6.1 AC Power Line Conducted Emissions

Temperature	25 °C		
Relative Humidity	55%		
Atmospheric Pressure	1012mbar		
Test date :	October 10, 2017		
Tested By:	Evans He		

Requirement(s):

Item	Requirement Applicable					
For Low-power radio-frequency devices that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies, within the band 150 kHz to 30 MHz, shall not exceed the limits in the following table, as measured using a 50 [mu] H/50 ohms line impedance stabilization network (LISN). The lower limit applies at the boundary between the frequencies ranges				\		
	Frequency ranges	-				
	(MHz)	QP	Average			
	0.15 ~ 0.5	66 – 56	56 – 46			
	0.5 ~ 5	56	46			
	5 ~ 30	60	50			
Vertical Ground Reference Plane EUT 40cm Horizontal Ground Reference Plane						
Note: 1.Support units were connected to second LISN. 2.Both of LISNs (AMN) are 80cm from EUT and at least 80cm from other units and other metal planes support units.						
the standard on top of a 1.5m x 1m x 0.8m high, non-metallic table. 2. The power supply for the EUT was fed through a 50Ω /50mH EUT LISN, or						
	1. The the 2. The	For Low-power radio-fr connected to the public voltage that is conduct frequency or frequenci not exceed the limits in [mu] H/50 ohms line im lower limit applies at th Frequency ranges (MHz) 0.15 ~ 0.5 0.5 ~ 5 5 ~ 30 Note: 1.Support 2.Both of L from othe 1. The EUT and supporting ext the standard on top of a 1.5	For Low-power radio-frequency devices that it connected to the public utility (AC) power line voltage that is conducted back onto the AC post frequency or frequencies, within the band 150 not exceed the limits in the following table, as [mu] H/50 ohms line impedance stabilization in lower limit applies at the boundary between the Frequency ranges	For Low-power radio-frequency devices that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies, within the band 150 kHz to 30 MHz, shall not exceed the limits in the following table, as measured using a 50 [mu] H/50 ohms line impedance stabilization network (LISN). The lower limit applies at the boundary between the frequencies ranges. Frequency ranges Limit (dBμV) QP Average		



Test Report	17071048-FCC-E
Page	10 of 36

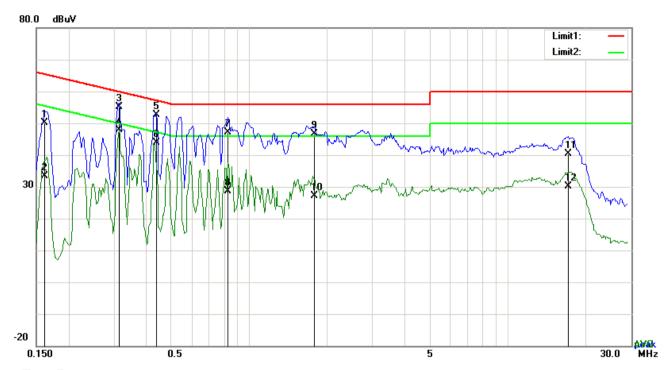
	3. The RF OUT of the EUT LISN was connected to the EMI test receiver via a low-loss				
	coaxial cable.				
	1. All other supporting equipment were powered separately from another main supply.				
	5. The EUT was switched on and allowed to warm up to its normal operating condition.				
	6. A scan was made on the NEUTRAL line (for AC mains) or Earth line (for DC power)				
	over the required frequency range using an EMI test receiver.				
	7. High peaks, relative to the limit line, The EMI test receiver was then tuned to the				
	selected frequencies and the necessary measurements made with a receiver bandwidt				
	setting of 10 kHz.				
	3. Step 7 was then repeated for the LIVE line (for AC mains) or DC line (for DC power).				
Remark					
Result	Pass Fail				

Test Data	Yes	□ _{N/A}
Test Plot	Yes (See below)	□ _{N/A}



Test Report	17071048-FCC-E
Page	11 of 36

Test Mode : USB Mode



Test Data

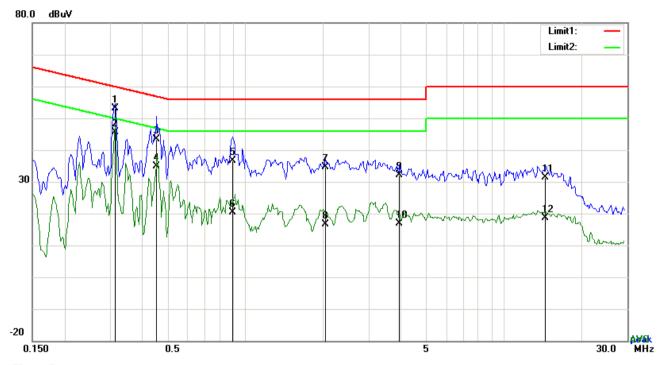
Phase Line Plot at 120Vac, 60Hz

No.	P/L	Frequency	Reading	Detector	Corrected	Result	Limit	Margin
		(MHz)	(dBuV)		(dB)	(dBuV)	(dBuV)	(dB)
1	L1	0.1617	40.16	QP	10.03	50.19	65.38	-15.19
2	L1	0.1617	23.45	AVG	10.03	33.48	55.38	-21.90
3	L1	0.3138	45.18	QP	10.03	55.21	59.87	-4.66
4	L1	0.3138	37.75	AVG	10.03	47.78	49.87	-2.09
5	L1	0.4386	42.64	QP	10.03	52.67	57.09	-4.42
6	L1	0.4386	33.80	AVG	10.03	43.83	47.09	-3.26
7	L1	0.8286	37.16	QP	10.03	47.19	56.00	-8.81
8	L1	0.8286	18.66	AVG	10.03	28.69	46.00	-17.31
9	L1	1.7880	36.52	QP	10.04	46.56	56.00	-9.44
10	L1	1.7880	17.21	AVG	10.04	27.25	46.00	-18.75
11	L1	17.1258	30.04	QP	10.26	40.30	60.00	-19.70
12	L1	17.1258	19.83	AVG	10.26	30.09	50.00	-19.91



Test Report	17071048-FCC-E
Page	12 of 36

Test Mode:



Test Data

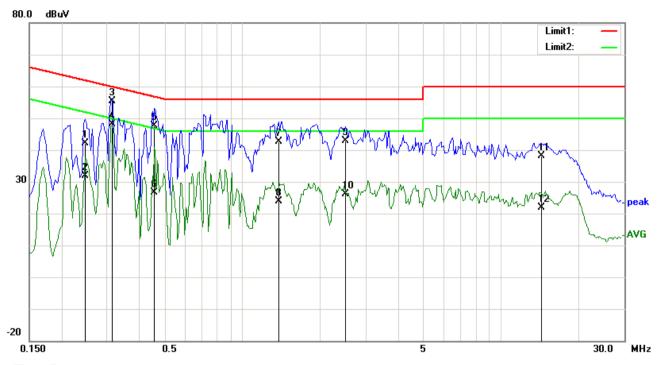
Phase Neutral Plot at 120Vac, 60Hz

No.	P/L	Frequency	Reading	Detector	Corrected	Result	Limit	Margin
		(MHz)	(dBuV)		(dB}	(dBuV)	(dBuV)	(dB)
1	N	0.3138	43.17	QP	10.02	53.19	59.87	-6.68
2	Ν	0.3138	35.66	AVG	10.02	45.68	49.87	-4.19
3	Ν	0.4542	33.46	QP	10.02	43.48	56.80	-13.32
4	N	0.4542	24.79	AVG	10.02	34.81	46.80	-11.99
5	Ν	0.8949	26.62	QP	10.03	36.65	56.00	-19.35
6	Ν	0.8949	10.33	AVG	10.03	20.36	46.00	-25.64
7	Ν	2.0376	24.57	QP	10.04	34.61	56.00	-21.39
8	Ν	2.0376	6.66	AVG	10.04	16.70	46.00	-29.30
9	N	3.9594	21.95	QP	10.06	32.01	56.00	-23.99
10	N	3.9594	6.75	AVG	10.06	16.81	46.00	-29.19
11	N	14.4894	21.18	QP	10.19	31.37	60.00	-28.63
12	N	14.4894	8.52	AVG	10.19	18.71	50.00	-31.29



Test Report	17071048-FCC-E
Page	13 of 36

Test Mode : USB Mode



Test Data

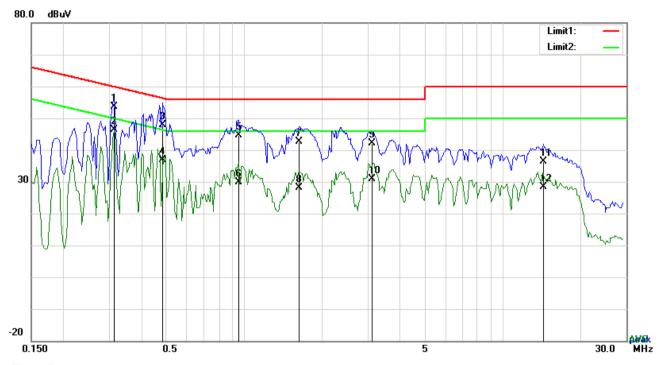
Phase Line Plot at 240Vac, 60Hz

No.	P/L	Frequency	Reading	Detector	Corrected	Result	Limit	Margin
		(MHz)	(dBuV)		(dB)	(dBuV)	(dBuV)	(dB)
1	L1	0.2475	32.01	QP	10.03	42.04	61.84	-19.80
2	L1	0.2475	21.82	AVG	10.03	31.85	51.84	-19.99
3	L1	0.3138	45.26	QP	10.03	55.29	59.87	-4.58
4	L1	0.3138	38.15	AVG	10.03	48.18	49.87	-1.69
5	L1	0.4581	37.61	QP	10.03	47.64	56.73	-9.09
6	L1	0.4581	16.54	AVG	10.03	26.57	46.73	-20.16
7	L1	1.3863	32.65	QP	10.03	42.68	56.00	-13.32
8	L1	1.3863	13.97	AVG	10.03	24.00	46.00	-22.00
9	L1	2.5056	32.76	QP	10.05	42.81	56.00	-13.19
10	L1	2.5056	16.13	AVG	10.05	26.18	46.00	-19.82
11	L1	14.3802	27.92	QP	10.22	38.14	60.00	-21.86
12	L1	14.3802	11.65	AVG	10.22	21.87	50.00	-28.13



Test Report	17071048-FCC-E
Page	14 of 36

Test Mode:	USB Mode	



Test Data

Phase Neutral Plot at 240Vac, 60Hz

	,							
No.	P/L	Frequency	Reading	Detector	Corrected	Result	Limit	Margin
		(MHz)	(dBuV)		(dB)	(dBuV)	(dBuV)	(dB)
1	Ν	0.3138	43.63	QP	10.03	53.66	59.87	-6.21
2	Ν	0.3138	36.36	AVG	10.03	46.39	49.87	-3.48
3	Ζ	0.4815	37.86	QP	10.03	47.89	56.31	-8.42
4	N	0.4815	26.76	AVG	10.03	36.79	46.31	-9.52
5	Ν	0.9495	34.60	QP	10.03	44.63	56.00	-11.37
6	N	0.9495	19.87	AVG	10.03	29.90	46.00	-16.10
7	Ν	1.6281	32.62	QP	10.04	42.66	56.00	-13.34
8	Ν	1.6281	18.00	AVG	10.04	28.04	46.00	-17.96
9	Ζ	3.1092	32.13	QP	10.06	42.19	56.00	-13.81
10	N	3.1092	20.84	AVG	10.06	30.90	46.00	-15.10
11	N	14.3646	26.10	QP	10.22	36.32	60.00	-23.68
12	Ν	14.3646	18.22	AVG	10.22	28.44	50.00	-21.56



Test Report	17071048-FCC-E
Page	15 of 36

6.2 Radiated Emissions

Temperature	23 °C
Relative Humidity	54%
Atmospheric Pressure	1014mbar
Test date :	October 11, 2017
Tested By :	Evans He

Requirement(s):

Spec	Item	tem Requirement Applicable				
47CFR§15. 109(d)	a)	Except higher limit as specified elsewhere in other section, the emissions from the low-power radio-frequency devices shall not exceed the field strength levels specified in the following table and the level of any unwanted emissions shall not exceed the level of the fundamental emission. The tighter limit applies at the band edges Frequency range (MHz) Field Strength (µV/m) 30 – 88 100 88 – 216 150				
		216 - 960	200			
		Above 960	500			
Test Setup		Ant. Tower Support Units Turn Table Ground Plane Test Receiver				
Procedure	 The EUT was switched on and allowed to warm up to its normal operating condition. The test was carried out at the selected frequency points obtained from the EUT characterization. Maximization of the emissions, was carried out by rotating the EUT, changing the antenna polarization, and adjusting the antenna height in the following manner: Vertical or horizontal polarization (whichever gave the higher emission level 					



Test Report	17071048-FCC-E
Page	16 of 36

		over a full rotation of the EUT) was chosen.
1	b.	The EUT was then rotated to the direction that gave the maximum
		emission.
	C.	Finally, the antenna height was adjusted to the height that gave the maximum
		emission.
	3. The res	solution bandwidth and video bandwidth of test receiver/spectrum analyzer is
	120 kH	z for Quasiy Peak detection at frequency below 1GHz.
	4. The res	olution bandwidth of test receiver/spectrum analyzer is 1MHz and video
	bandwi	dth is 3MHz with Peak detection for Peak measurement at frequency above
	1GHz.	
	The re	esolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video
	bandw	vidth with Peak detection for Average Measurement as below at frequency
	above	1GHz.
	■ 1 kF	Hz (Duty cycle < 98%) □ 10 Hz (Duty cycle > 98%)
	5. Steps 2	2 and 3 were repeated for the next frequency point, until all selected frequency
	points v	were measured.
Remark		
Result	Pass	Fail
Test Data	Yes	N/A
Test Plot	Yes (See belo	w) N/A

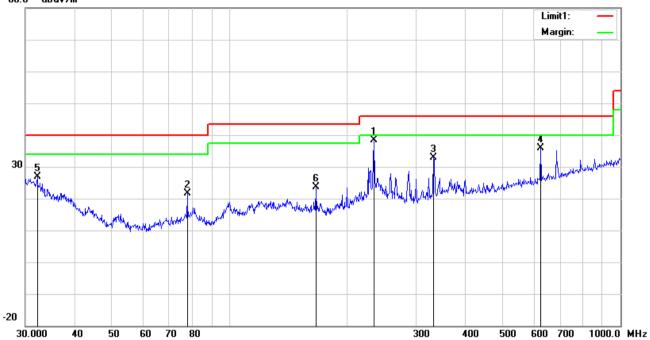


Test Report	17071048-FCC-E
Page	17 of 36

Test Mode : USB Mode

Below 1GHz





Test Data

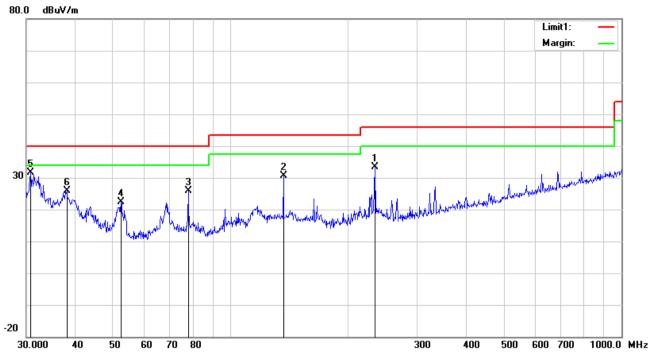
Horizontal Polarity Plot @3m

No.	P/L	Frequency	Reading	Detector	Ant_F	PA_G	Cab_L	Result	Limit	Margin	Height	Degree
		(MHz)	(dBuV/m)		(dB/m)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	(cm)	()
1	Τ	234.1684	47.49	peak	11.62	22.32	1.65	38.44	46.00	-7.56	100	342
2	Н	77.8654	35.43	peak	7.64	22.41	1.01	21.67	40.00	-18.33	100	202
3	Н	332.5187	38.97	peak	14.28	22.20	1.95	33.00	46.00	-13.00	100	73
4	Н	625.0780	35.49	peak	19.38	21.52	2.56	35.91	46.00	-10.09	100	19
5	Н	32.1795	28.66	peak	19.72	22.27	0.68	26.79	40.00	-13.21	200	160
6	Н	166.0680	32.47	peak	12.11	22.26	1.37	23.69	43.50	-19.81	100	4



Test Report	17071048-FCC-E
Page	18 of 36

Below 1GHz



Test Data

Vertical Polarity Plot @3m

No.	P/L	Frequency	Reading	Detector	Ant_F	PA_G	Cab_L	Result	Limit	Margin	Height	Degree
		(MHz)	(dBuV/m)		(dB/m)	(dB)	(dB)	(dBuV/m)	(dBuV/ m)	(dB)	(cm)	()
1	>	234.1684	42.35	peak	11.62	22.32	1.65	33.30	46.00	-12.70	100	54
2	٧	136.4598	39.03	peak	12.83	22.40	1.25	30.71	43.50	-12.79	100	147
3	٧	77.8654	39.66	peak	7.64	22.41	1.01	25.90	40.00	-14.10	100	126
4	٧	52.3913	35.85	peak	8.14	22.39	0.79	22.39	40.00	-17.61	100	356
5	V	30.7455	32.36	peak	20.83	22.28	0.64	31.55	40.00	-8.45	100	53
6	٧	38.0783	32.09	peak	15.30	22.27	0.78	25.90	40.00	-14.10	100	314



Test Report	17071048-FCC-E
Page	19 of 36

Above 1GHz

Frequency	Read_level	A-!ath	Height	Polarity	Level	Factors	Limit	Margin	Detector
(MHz)	(dBµV/m)	Azimuth	(cm)	(H/V)	(dBµV/m)	(dB)	(dBµV/m)	(dB)	(PK/AV)
1406.5	65.29	95	100	V	-18.97	46.32	74	-27.68	PK
1795.2	61.61	132	100	V	-16.44	45.17	74	-28.83	PK
2264.3	63.6	175	100	V	-14.35	49.25	74	-24.75	PK
1624.8	60.91	204	100	Н	-17.64	43.27	74	-30.73	PK
1765.2	61.07	61	100	Н	-16.76	44.31	74	-29.69	PK
2461.8	53.98	108	100	Н	-13.7	40.28	74	-33.72	PK

Note1: The highest frequency of the EUT is 2480 MHz, so the testing has been conformed to 5*2480MHz=12,400MHz.

Note 2: The frequency that above 3GHz is mainly from the environment noise.

Note3: The AV measurement performed, more than 20dB below limit so AV test data was not presented.



Test Report	17071048-FCC-E
Page	20 of 36

Annex A. TEST INSTRUMENT

Instrument	Model	Serial#	Cal Date	Cal Due	In use
AC Line Conducted Emis	ssions		,		
EMI test receiver	ESCS30	8471241027	09/15/2017	09/14/2018	₹
Line Impedance Stabilization Network	LI-125A	191106	09/23/2017	09/22/2018	(
Line Impedance Stabilization Network	LI-125A	191107	09/23/2017	09/22/2018	V
ISN	ISN T800	34373	09/23/2017	09/22/2018	
Transient Limiter	LIT-153	531118	08/30/2017	08/29/2018	~
Radiated Emissions					
EMI test receiver	E SL6	100262	09/15/2017	09/14/2018	~
OPT 010 AMPLIFIER (0.1-1300MHz)	8447E	2727A02430	08/30/2017	08/29/2018	V
Microwave Preamplifier (1 ~ 26.5GHz)	8449B	3008A02402	03/23/2017	03/22/2018	V
Bilog Antenna (30MHz~6GHz)	JB6	A110712	09/19/2017	09/18/2018	V
Double Ridge Horn Antenna	AH-118	71259	09/22/2017	09/21/2018	<u>S</u>



Test Report	17071048-FCC-E
Page	21 of 36

Annex B. EUT And Test Setup Photographs

Annex B.i. Photograph: EUT External Photo









Test Report	17071048-FCC-E
Page	22 of 36

EUT - Front View



EUT - Rear View





Test Report	17071048-FCC-E
Page	23 of 36

EUT - Top View



EUT - Bottom View





Test Report	17071048-FCC-E
Page	24 of 36

EUT - Left View



EUT - Right View





Test Report	17071048-FCC-E
Page	25 of 36

Annex B.ii. Photograph: EUT Internal Photo





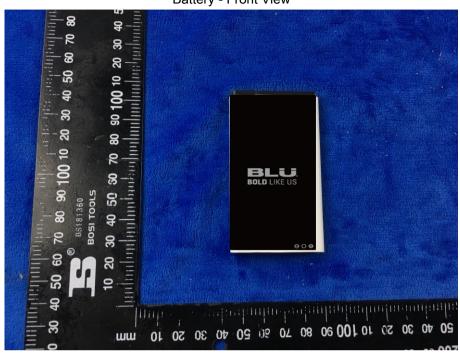
Cover Off - Top View 2



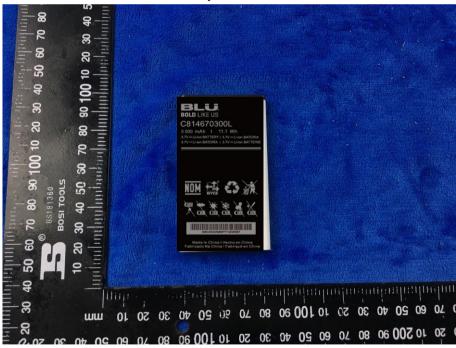


Test Report	17071048-FCC-E
Page	26 of 36

Battery - Front View



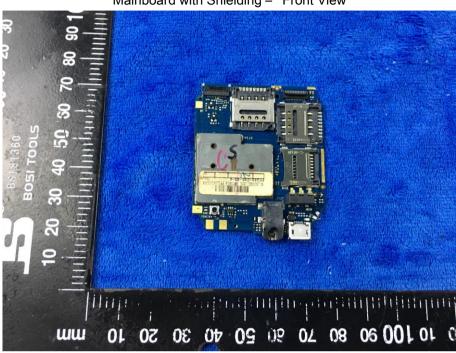
Battery - Rear View



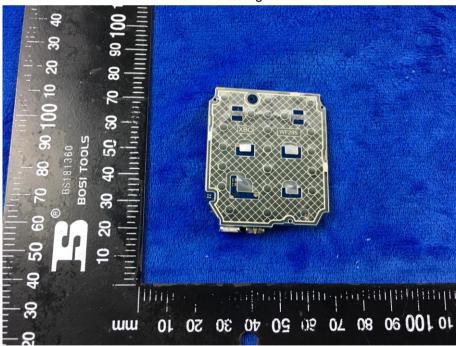


Test Report	17071048-FCC-E
Page	27 of 36

Mainboard with Shielding - Front View



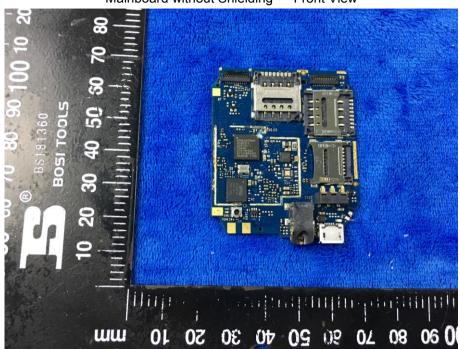
Mainboard with Shielding - Rear View



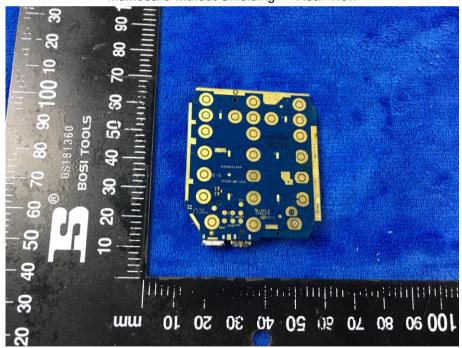


Test Report	17071048-FCC-E
Page	28 of 36

Mainboard without Shielding - Front View



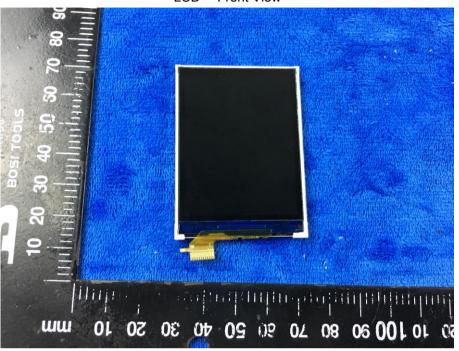
Mainboard without Shielding - Rear View



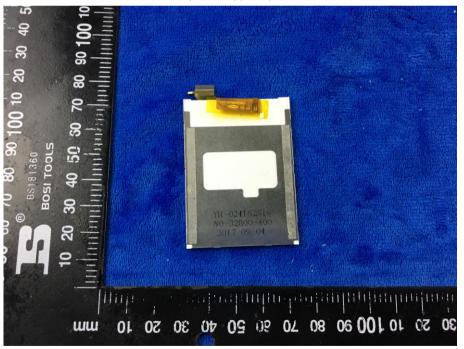


Test Report	17071048-FCC-E
Page	29 of 36

LCD - Front View



LCD - Rear View



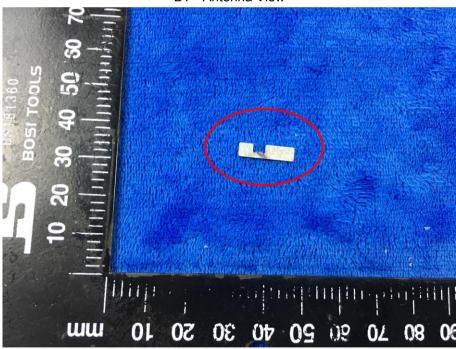


Test Report	17071048-FCC-E
Page	30 of 36

GSM/PCS/UMTS-FDD - Antenna View



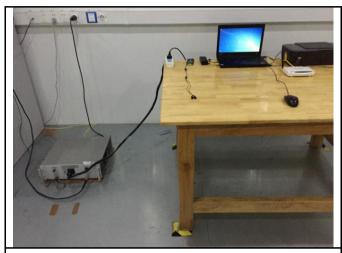
BT - Antenna View





Test Report	17071048-FCC-E
Page	31 of 36

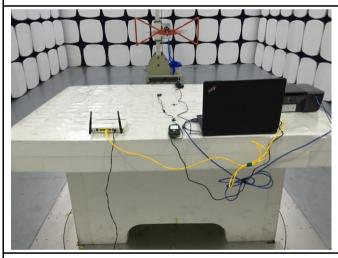
Annex B.iii. Photograph: Test Setup Photo



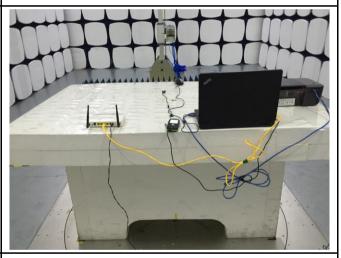
Conducted Emissions Test Setup - Front View



Conducted Emissions Test Setup - Side View



Radiated Emissions Test Setup Below 1GHz



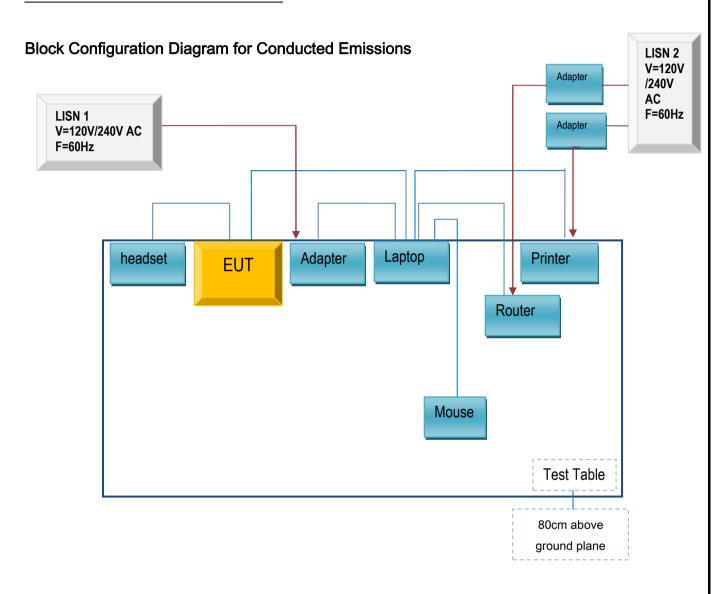
Radiated Emissions Test Setup Above 1GHz



Test Report	17071048-FCC-E
Page	32 of 36

Annex C. TEST SETUP AND SUPPORTING EQUIPMENT

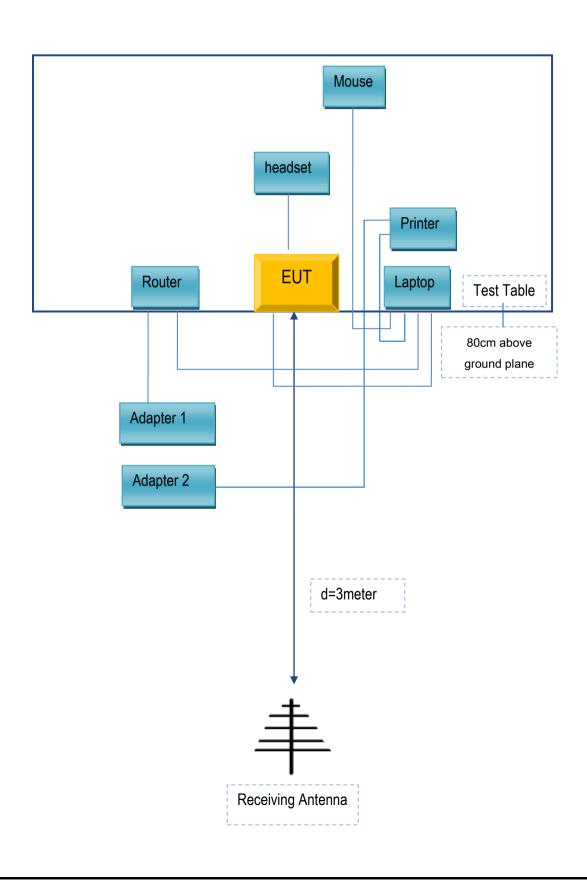
Annex C.ii. TEST SET UP BLOCK





Test Report	17071048-FCC-E
Page	33 of 36

Block Configuration Diagram for Radiated Emissions





Test Report	17071048-FCC-E
Page	34 of 36

Annex C. il. SUPPORTING EQUIPMENT DESCRIPTION

The following is a description of supporting equipment and details of cables used with the EUT.

Supporting Equipment:

Manufacturer	Equipment Description	Model	Serial No
Lenovo	Laptop	E40	LR-1EHRX
GOLDWEB	Router	R102	1202032094
Lenovo	AC Adapter	42T4416	21D9JU
HP	Printer	VCVRA-1003	CN36M19JWX
DELL	Mouse	E100	912NMTUT41481
BULL	Socket	GN-403	GN201203
SAMSUNG	headset	HS330	N/A

Supporting Cable:

Cable type	Shield Type	Ferrite Core	Length	Serial No
USB Cable	Un-shielding	No	2m	JX120051274
USB Cable	Un-shielding	No	2m	CBA3000AH0C1
RJ45 Cable	Un-shielding	No	2m	KX156327541
Router Power cable	Un-shielding	No	2m	13274630Z
Printer Power cable	Un-shielding	No	2m	127581031
Power Cable	Un-shielding	No	0.8m	GT211032



Test Report	17071048-FCC-E
Page	35 of 36

Annex D. User Manual / Block Diagram / Schematics / Partlist

Please see the attachment



Test Report	17071048-FCC-E
Page	36 of 36

Annex E. DECLARATION OF SIMILARITY

N/A