FCC Test Report

APPLICANT : CT Asia (HK) Ltd.

EQUIPMENT: Smartphone

BRAND NAME : BLU

MODEL NAME : VIVO AIR LTE

FCC ID : YHLBLUVVAIRLTE

STANDARD : FCC 47 CFR FCC Part 15 Subpart B

CLASSIFICATION: Certification

The product was received on Jun. 18, 2015 and testing was completed on Jun. 30, 2015. We, SPORTON INTERNATIONAL (SHENZHEN) INC., would like to declare that the tested sample has been evaluated in accordance with the test procedures given in ANSI C63.4-2009 and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL (SHENZHEN) INC., the test report shall not be reproduced except in full.

Reviewed by: Louis Wu / Manager

Lunis Win

Approved by: Jones Tsai / Manager

SPORTON INTERNATIONAL (SHENZHEN) INC.

1F & 2F, Building A, Morning Business Center, No. 4003 ShiGu Rd., Xili Town, Nanshan District, Shenzhen, Guangdong, P. R. China

SPORTON INTERNATIONAL (SHENZHEN) INC.

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Testing Laboratory 2353

Report No. : FC561808

Report Version : Rev. 01

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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FC561808	Rev. 01	Initial issue of report	Jul. 31, 2015

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SUMMARY OF TEST RESULT

Report Section	FCC Rule	IC Rule	Description	Limit	Result	Remark	
3.1	15.107	ICES003	AC Conducted Emission	< 15.107 limits	PASS	Under limit 9.41 dB at	
		Section 6.1		< ICES003 6.1 limits		0.540 MHz	
						Under limit	
3.2	15 100	15.109 ICES003	Radiated Emission	< 15.109 limits	PASS	2.31 dB at	
0.2	10.100	Section 6.2	radiated Emission	< ICES003 6.2 limits	17.00	177.150 MHz	
						for Quasi-Peak	

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1. General Description

1.1. Applicant

CT Asia (HK) Ltd.

Unit1309-11, 13th Floor 9 Wing Hong Street Cheung Sha Wan Kowloon, Hong Kong

1.2. Manufacturer

Shenzhen Tinno Mobile Technology Corp.

4/F, H-3 Building, OCT Eastern industrial Park, No.1 XiangShan East Road.,Nan Shan District, Shenzhen, P.R. China

1.3. Product Feature of Equipment Under Test

	Product Feature
Equipment	Smartphone
Brand Name	BLU
Model Name	VIVO AIR LTE
FCC ID	YHLBLUVVAIRLTE
EUT supports Radios application	GSM/GPRS/EGPRS/WCDMA/HSPA/DC-HSDPA/ HSPA+(Downlink Only)/LTE WLAN 2.4GHz 802.11b/g/n HT20/HT40 Bluetooth v3.0 + EDR/Bluetooth v4.0 LE
IMEI Code	Conduction: 353924025869250 Radiation: 353924025869797
HW Version	V1.0
SW Version	BLU_V0010UU_V02_GENERIC
EUT Stage	Pre-Production

Remark:

The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

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1.4. Product Specification subjective to this standard

Product Specif	Product Specification subjective to this standard						
	GSM850: 824.2 MHz ~ 848.8 MHz						
	GSM1900: 1850.2 MHz ~ 1909.8MHz						
	WCDMA Band V: 826.4 MHz ~ 846.6 MHz						
	WCDMA Band IV: 1712.4 MHz ~ 1752.6 MHz						
Tx Frequency	WCDMA Band II: 1852.4 MHz ~ 1907.6 MHz						
1 x 1 roquency	LTE Band 2 : 1850.7 MHz ~ 1909.3 MHz						
	LTE Band 4: 1710.7 MHz ~ 1754.3 MHz						
	LTE Band 7: 2502.5 MHz ~ 2567.5 MHz						
	802.11b/g/n: 2412 MHz ~ 2462 MHz						
	Bluetooth: 2402 MHz ~ 2480 MHz						
	GSM850: 869.2 MHz ~ 893.8 MHz						
	GSM1900: 1930.2 MHz ~ 1989.8 MHz						
	WCDMA Band V: 871.4 MHz ~ 891.6 MHz						
	WCDMA Band IV : 2112.4 MHz ~ 2152.6 MHz						
	WCDMA Band II: 1932.4 MHz ~ 1987.6 MHz						
Rx Frequency	LTE Band 2 : 1930.7 MHz ~ 1989.3 MHz						
	LTE Band 4 : 2110.7 MHz ~ 2154.3 MHz						
	LTE Band 7 : 2622.5 MHz ~ 2687.5 MHz						
	802.11b/g/n: 2412 MHz ~ 2462 MHz						
	Bluetooth: 2402 MHz ~ 2480 MHz						
	GPS: 1.57542 GHz						
	WWAN : PIFA Antenna						
Antenna Type	WLAN: PIFA Antenna						
Antenna Type	Bluetooth : PIFA Antenna						
	GPS : PIFA Antenna						
	GSM: GMSK						
	GPRS: GMSK						
	EDGE(MCS 0-4): GMSK / (MCS 5-9): 8PSK						
	WCDMA: QPSK (Uplink)						
	HSDPA / DC-HSDAP: QPSK (Uplink)						
	HSUPA: QPSK (Uplink)						
	DC-HSDAP: 64QAM						
Type of Modulation	HSPA+: 16QAM (Downlink Only)						
Type of modulation	LTE: QPSK / 16QAM						
	802.11b: DSSS (DBPSK / DQPSK / CCK)						
	802.11g/n: OFDM (BPSK / QPSK / 16QAM / 64QAM)						
	Bluetooth LE : GFSK						
	Bluetooth (1Mbps) : GFSK						
	Bluetooth (2Mbps) : π /4-DQPSK						
	Bluetooth (3Mbps) : 8-DPSK						
	GPS: BPSK						

1.5. Modification of EUT

No modifications are made to the EUT during all test items.

SPORTON INTERNATIONAL (SHENZHEN) INC.

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1.6. Test Location

Test Site	SPORTON INTERNATIONAL (SHENZHEN) INC.					
	1F & 2F, Building A, Morning Business Center, No. 4003 ShiGu Rd., Xili					
	Town, Nanshan District, Shenzhen, Guangdong, P. R. China					
Test Site Location	TEL: +86-755-8637-9589					
	FAX: +86-755-8637-9595					
Toot Site No	Sporton Site No.					
Test Site No.	CO01-SZ					

Test Site	SPORTON INTERNATIONAL (SHEN	SPORTON INTERNATIONAL (SHENZHEN) INC.						
	No. 3 Building, the third floor of south, Shahe River west, Fengzeyuan							
Test Site Location	warehouse, Nanshan District, Shenzhen, Guangdong, P. R. China							
	TEL: +86-755- 3320-2398							
Took Oito No	Sporton Site No.	FCC/IC Registration No.						
Test Site No.	03CH01-SZ 831040/4086F							

1.7. Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- FCC 47 CFR FCC Part 15 Subpart B
- ANSI C63.4-2009
- IC ICES-003 Issue 5
- IC RSS-Gen Issue 4

Remark: All test items were verified and recorded according to the standards and without any deviation during the test.

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2. Test Configuration of Equipment Under Test

2.1. Test Mode

The EUT has been associated with peripherals pursuant to ANSI C63.4-2009 and configuration operated in a manner tended to maximize its emission characteristics in a typical application.

Frequency range investigated: conduction (150 kHz to 30 MHz), radiation (30MHz to the 5th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower).

The following tables are showing the test modes as the worst cases and recorded in this report.

		Test Condition				
Item	EUT Configuration	EMI	EMI	EMI		
		AC	RE<1G	RE≥1G		
1.	Charging Mode (EUT with adapter)	\boxtimes	\boxtimes	Note 1		
2.	Data application transferred mode (EUT with notebook)	\boxtimes	\boxtimes	\boxtimes		

Abbreviations:

EMI AC: AC conducted emissions

• EMI RE ≥ 1G: EUT radiated emissions ≥ 1GHz

EMI RE < 1G: EUT radiated emissions < 1GHz

Note 1: Testing for this mode is not required or not the worst case.

Remark: For signal above 1GHz, the worst case was test item 2.

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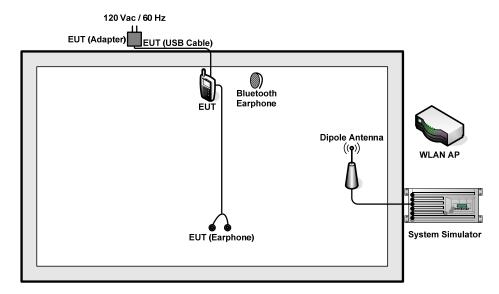
Test Items	EUT Configure Mode	Function Type
		Mode 1: GSM850 Idle + Bluetooth Idle + WLAN Idle + USB Cable (Charging from Adapter) + Earphone + Camera <fig.1></fig.1>
AC Conducted Emission	1/2	Mode 2: WCDMA Band II Idle + Bluetooth Idle + WLAN Idle + USB Cable (Charging from Adapter) + Earphone + MPEG4 <fig.1></fig.1>
		Mode 3: LTE Band 7 Idle + Bluetooth Idle + WLAN Idle + Earphone + USB Cable (Data Link with Notebook) + GPS Rx <fig.2></fig.2>
	d 1GHz 1/2	Mode 1: GSM850 Idle + Bluetooth Idle + WLAN Idle + USB Cable (Charging from Adapter) + Earphone + Camera <fig.1></fig.1>
Radiated Emissions < 1GHz		Mode 2: WCDMA Band II Idle + Bluetooth Idle + WLAN Idle + USB Cable (Charging from Adapter) + Earphone + MPEG4 <fig.1></fig.1>
		Mode 3: LTE Band 7 Idle + Bluetooth Idle + WLAN Idle + Earphone + USB Cable (Data Link with Notebook) + GPS Rx <fig.2></fig.2>
Radiated Emissions ≥ 1GHz	2	Mode 1: LTE Band 7 Idle + Bluetooth Idle + WLAN Idle + Earphone + USB Cable (Data Link with Notebook) + GPS Rx <fig.2></fig.2>

Remark:

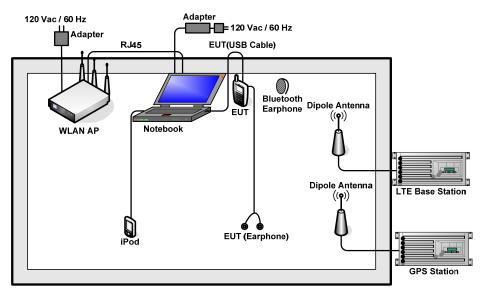
- 1. The worst case of AC is mode 1; and the USB Link mode of AC is mode 3; the test data of these modes were reported.
- 2. The worst case of RE < 1G is mode 3; only the test data of this mode was reported.
- 3. Link with Notebook means data application transferred mode between EUT and Notebook.

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2.2. Connection Diagram of Test System



<Fig.1>



<Fig.2>

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2.3. Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	System Simulator	R&S	CMU 200	N/A	N/A	Unshielded, 1.8 m
2.	LTE Base Station	Anritsu	MT8820C	N/A	N/A	Unshielded, 1.8 m
3.	GPS Station	ADIVIC	MP9000	N/A	N/A	Unshielded, 1.8 m
4.	WLAN AP	D-link	DIR-628	KA2DIR628A2	N/A	Unshielded, 1.8 m
5.	WLAN AP	D-link	DIR-615	N/A	N/A	Unshielded,1.8m
6.	WLAN AP	ASUSTek	RT-AC66U	MSQ- RTAC66U	N/A	Unshielded,2.7m with Core
7.	Notebook	Lenovo	E540	FCC DoC	N/A	AC I/P: Unshielded, 1.2m DC O/P: Shielded, 1.8 m
8.	Bluetooth Earphone	Nokia	BH-108	PYAHS-107W	N/A	N/A
9.	iPod nano 8GB	Apple	MC690ZP/A	FCC DoC	Shielded, 1.2 m	N/A
10.	iPod	Apple	MC525ZP/A	FCC DoC	Shielded, 1.0 m	N/A

2.4. EUT Operation Test Setup

The EUT was in GSM or WCDMA or LTE idle mode during the testing. The EUT was synchronized to the BCCH, and is in continuous receiving mode by setting system simulator's paging reorganization.

At the same time, the EUT was attached to the Bluetooth earphone or WLAN AP, and the following programs installed in the EUT were programmed during the test.

- 1. Data application is transferred between Notebook and EUT via USB cable.
- 2. Turn on GPS function to make the EUT receive continuous signals from GPS station.
- 3. Execute "Video Player" to play MPEG4 files.
- 4. Turn on camera to capture images

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3. Test Result

3.1. Test of AC Conducted Emission Measurement

3.1.1 Limits of AC Conducted Emission

For equipment 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.

Frequency of emission	Conducted limit (dBuV)				
(MHz)	Quasi-peak	Average			
0.15-0.5	66 to 56*	56 to 46*			
0.5-5	56	46			
5-30	60	50			

^{*}Decreases with the logarithm of the frequency.

3.1.2 Measuring Instruments

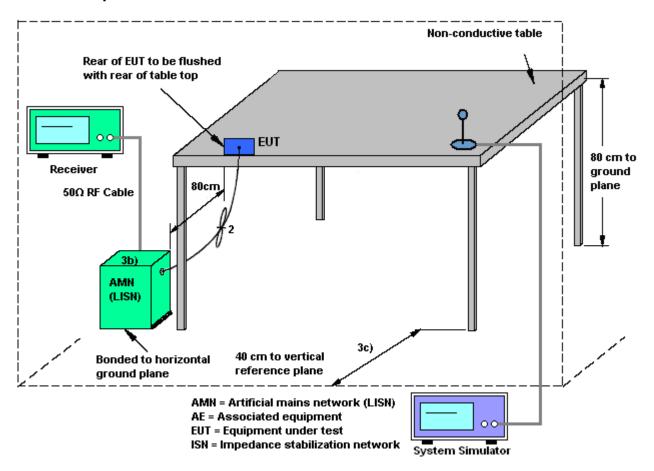
The measuring equipment is listed in the section 4 of this test report.

3.1.3 Test Procedure

- The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least
 80 centimeters from any other grounded conducting surface.
- 2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
- 3. All the support units are connecting to the other LISN.
- 4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
- 5. The FCC states that a 50 ohm, 50 microhenry LISN should be used.
- 6. Both sides of AC line were checked for maximum conducted interference.
- 7. The frequency range from 150 kHz to 30 MHz was searched.
- 8. Set the test-receiver system to Peak Detect Function and specified bandwidth (IF Bandwidth = 9kHz) with Maximum Hold Mode. Then measurement is also conducted by Average Detector and Quasi-Peak Detector Function respectively.

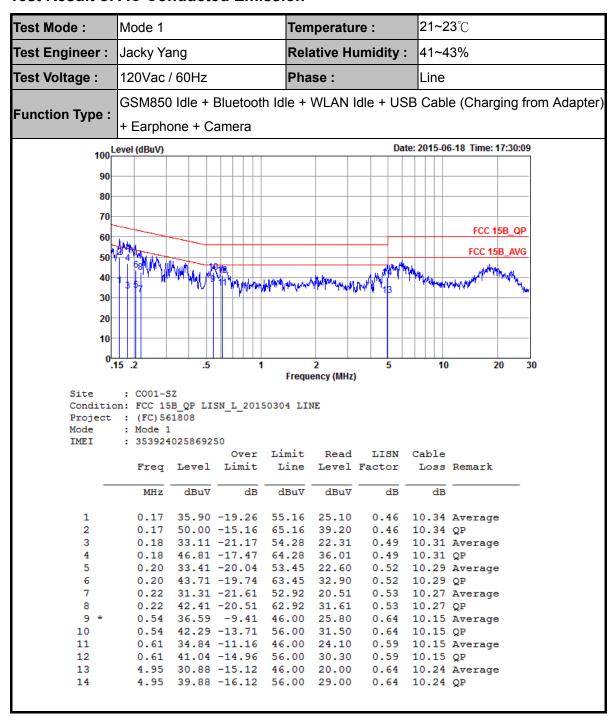
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3.1.4 Test Setup



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3.1.5 Test Result of AC Conducted Emission



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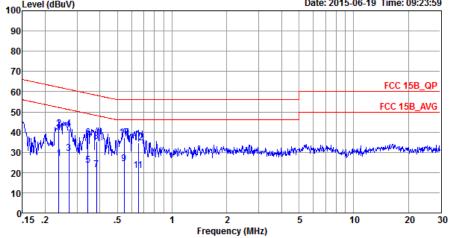
Test Mode :	Mode 1			Ten	nperatu	re:	21~2	23 °C		
Test Engineer :	Jacky Yang				Relative Humidity :			41~43%		
Test Voltage :	120Vac /	60Hz		Pha	ise :		Neut	ral		
Franctica Tracci	GSM850	GSM850 Idle + Bluetooth Idle + WLAN Idle + USB Cable (Charging from Adapter)								
Function Type :	+ Earpho	+ Earphone + Camera								
100 L	100 Level (dBuV) Date: 2015-06-18 Time: 17:34:								34:24	
90-										
80-										
70								FCC 15E	OD	
60										
50	Auu .	-						FCC 15B_	AVG	
40	TIMEN AND T	100	1.40			#W/19	M.	MACV	2	
30-	1 1 1 h with		Mary Mary	al balalisade	MAJONA JAM	14/1/1 '	TTTYPOOLYN	posterior .	111	
		1, 1	10 10 10	- hi i][]					
20										
10										
0	15 .2	.5	1		2	5	10	20	30	
	13 .2	.5			ency (MHz)	3		20	30	
Site	: CO01-S	Z								
	n: FCC 15		SN_N_201	50304 NE	UTRAL					
Project Mode	: (FC)56 : Mode 1									
IMEI	: 353924	0258692								
	Erox	Townl	Over Limit	Limit Line	Read	LISN	Cable	Remark		
	Freq	телет	птштс	птие	Level	ractor	TOSS	Remark		
	MHz	dBu∇	dB	dBu₹	dBu∇	dB	dB		_	
1	0.17	30.61	-24.60	55.21	19.80	0.47	10.34	Average		
2	0.17		-19.30	65.21	35.10	0.47	10.34			
3	0.38			48.34	15.80	0.56		Average		
4 5 *	0.38 0.55		-21.10 -17.76	58.34 46.00	26.50 17.50	0.56 0.59	10.18	QP Average		
6	0.55			56.00			10.15	_		
7	2.30		-25.12	46.00	10.10	0.58		Average		
8	2.30		-25.82				10.20			
9	4.87		-17.91					Average		
10	4.87		-18.51				10.24			
11	23.14		-22.86			0.76		Average		
12	23.14	40.54	-19.46	60.00	29.20	0.76	10.58	QP		

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Test Mode :	Mode 3	Temperature :	21~23 ℃			
Test Engineer :	Jacky Yang	Relative Humidity :	41~43%			
Test Voltage :	120Vac / 60Hz	Phase :	Line			
Function Type :	LTE Band 7 Idle + Bluetooth Idle + WLAN Idle + Earphone + USB Cable (Data Link					
Function Type :	with Notebook) + GPS Rx					
100 ^L	evel (dBuV)	Date:	2015-06-19 Time: 09:23:59			
100						
90						



: CO01-SZ

Condition: FCC 15B_QP LISN_L_20150304 LINE

Project : (FC) 561808 Mode : Mode 3 : 353924025869250 IMEI

	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBu₹	dB	dBuV	dBu₹	dB	dB	
1	0.24	27.10	-25.07	52.17	16.31	0.54	10.25	Average
2	0.24	41.70	-20.47	62.17	30.91	0.54	10.25	QP
3	0.27	29.68	-21.44	51.12	18.90	0.56	10.22	Average
4	0.27	41.78	-19.34	61.12	31.00	0.56	10.22	QP
5	0.34	23.44	-25.65	49.09	12.69	0.56	10.19	Average
6	0.34	37.44	-21.65	59.09	26.69	0.56	10.19	QP
7	0.38	21.32	-26.89	48.21	10.59	0.55	10.18	Average
8	0.38	35.52	-22.69	58.21	24.79	0.55	10.18	QP
9	0.54	24.29	-21.71	46.00	13.50	0.64	10.15	Average
10 *	0.54	37.19	-18.81	56.00	26.40	0.64	10.15	QP
11	0.65	21.13	-24.87	46.00	10.41	0.57	10.15	Average
12	0.65	34.62	-21.38	56.00	23.90	0.57	10.15	OP

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21~23℃ Test Mode: Mode 3 Temperature: Test Engineer: Jacky Yang Relative Humidity: 41~43% Test Voltage: 120Vac / 60Hz Phase: Neutral LTE Band 7 Idle + Bluetooth Idle + WLAN Idle + Earphone + USB Cable (Data Link Function Type: with Notebook) + GPS Rx 100 Level (dBuV) Date: 2015-06-19 Time: 09:26:37 90 80 70 FCC 15B_QP 60 FCC 15B_AVG 50 30 20 10 .15 .2 .5 5 20 2 10 30 Frequency (MHz) : CO01-SZ Condition: FCC 15B QP LISN N 20150304 NEUTRAL Project : (FC) 561808 Mode : Mode 3 IMEI : 353924025869250 Over Limit Read LISN Cable Freq Level Limit Line Level Factor Loss Remark dBuV MHz dBuV dB dBuV dB dB 0.24 27.90 -24.18 52.08 17.10 0.55 10.25 Average 62.08 31.80 51.03 18.60 2 42.60 -19.48 0.24 31.80 0.55 10.25 QP 29.39 -21.64 0.27 0.57 10.22 Average

42.59 -18.44 61.03 31.80

23.26 -25.79 49.05 12.50 37.26 -21.79 59.05 26.50

46.00 12.50

0.40 23.62 -24.28 47.90 12.90

0.40 38.12 -19.78 57.90 27.40

0.57 37.74 -18.26 56.00 27.00

0.65 21.41 -24.59 46.00 10.70

0.65 36.71 -19.29 56.00 26.00

23.24 -22.76

0.27

0.35

0.35

0.57

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0.57 10.22 QP

0.55 10.17 QP

0.59 10.15 QP

0.56 10.15 QP

0.57

0.59

0.57 10.19 Average

0.55 10.17 Average

0.56 10.15 Average

10.19 QP

10.15 Average

3.2. Test of Radiated Emission Measurement

3.2.1. Limit of Radiated Emission

The emissions from an unintentional radiator shall not exceed the field strength levels specified in the following table:

Frequency	Field Strength	Measurement Distance		
(MHz)	(microvolts/meter)	(meters)		
30 – 88	100	3		
88 – 216	150	3		
216 - 960	200	3		
Above 960	500	3		

3.2.2. Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.2.3. Test Procedures

- 1. The EUT was placed on a turntable with 0.8 meter above ground.
- The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
- 3. The table was rotated 360 degrees to determine the position of the highest radiation.
- 4. The antenna is a Bi-Log antenna and its height is adjusted between one to four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
- 5. For each suspected emission, the EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
- 6. Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode (RBW=120kHz/VBW=300kHz for frequency below 1GHz; RBW=1MHz VBW=3MHz (Peak), RBW=1MHz/VBW=10Hz (Average) for frequency above 1GHz).
- 7. If the emission level of the EUT in peak mode was 3 dB lower than the limit specified, peak values of EUT will be reported. Otherwise, the emission will be repeated by using the quasi-peak method and reported.
- 8. Emission level (dB μ V/m) = 20 log Emission level (μ V/m)
- 9. Corrected Reading: Antenna Factor + Cable Loss + Read Level Preamp Factor = Level

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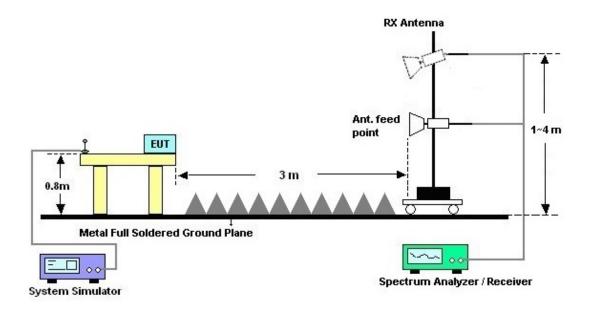
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3.2.4. Test Setup of Radiated Emission

For radiated emissions from 30MHz to 1GHz

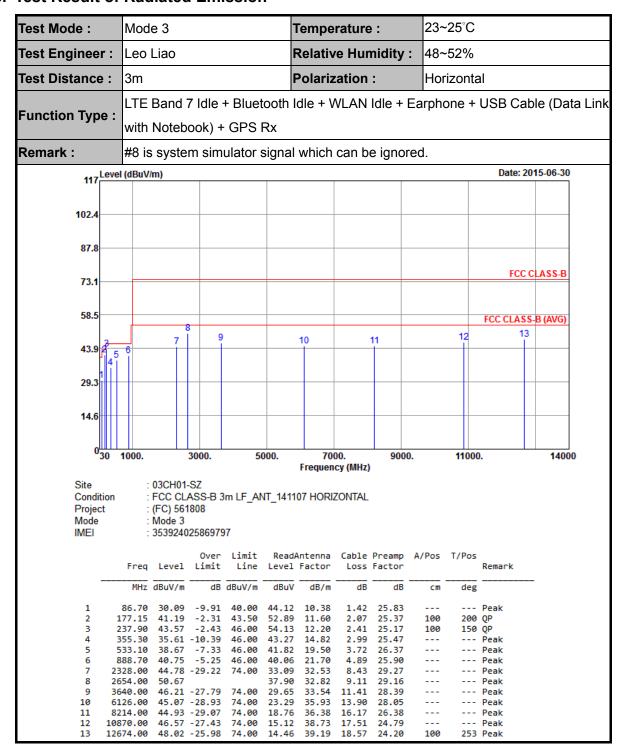


For radiated emissions above 1GHz



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3.2.5. Test Result of Radiated Emission



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Leo Liao

Test Engineer :

Report No.: FC561808 23~25°C Test Mode: Mode 3 Temperature:

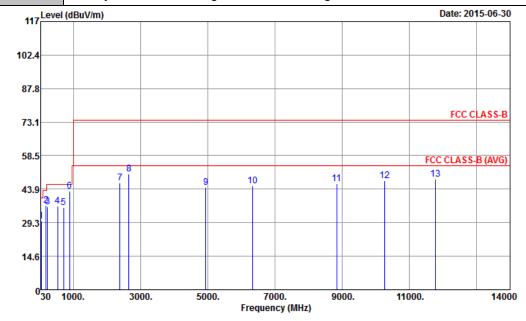
Test Distance: 3m Polarization: Vertical

LTE Band 7 Idle + Bluetooth Idle + WLAN Idle + Earphone + USB Cable (Data Link **Function Type:** with Notebook) + GPS Rx

Relative Humidity:

48~52%

Remark: #8 is system simulator signal which can be ignored.



: 03CH01-SZ Site

Condition : FCC CLASS-B 3m LF_ANT_141107 VERTICAL

Project : (FC) 561808 Mode : Mode 3 IMEI : 353924025869797

			Over	Limit	Read	Antenna	Cable	Preamp	A/Pos	T/Pos	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor			Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	45.66	29.86	-10.14	40.00	42.82	11.99	1.03	25.98			Peak
2	186.87	36.96	-6.54	43.50	48.62	11.53	2.13	25.32			Peak
3	237.09	36.14	-9.86	46.00	46.72	12.18	2.41	25.17			Peak
4	533.10	36.43	-9.57	46.00	39.58	19.50	3.72	26.37			Peak
5	710.90	35.97	-10.03	46.00	37.50	20.53	4.29	26.35			Peak
6	888.70	42.97	-3.03	46.00	42.28	21.70	4.89	25.90	100	360	Peak
7	2394.00	46.61	-27.39	74.00	34.79	32.60	8.60	29.38			Peak
8	2654.00	50.37			37.60	32.82	9.11	29.16			Peak
9	4942.00	44.67	-29.33	74.00	25.34	34.47	13.04	28.18			Peak
10	6328.00	45.44	-28.56	74.00	23.07	36.12	14.21	27.96			Peak
11	8840.00	46.19	-27.81	74.00	19.05	36.60	16.52	25.98			Peak
12	10274.00	47.53	-26.47	74.00	16.82	38.33	17.50	25.12			Peak
13	11772.00	48.19	-25.81	74.00	14.47	39.37	18.84	24.49	100	200	Peak

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4. List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
EMI Test Receiver&SA	Agilent Technologies	N9038A	MY52260185	20Hz~26.5GHz	May 26, 2015	Jun. 30, 2015	May 25, 2016	Radiation (03CH01-SZ)
Spectrum Analyzer	R&S	FSV40	101041	10kHz~40GHz; Max 30dBm	Sep. 25, 2014	Jun. 30, 2015	Sep. 24, 2015	Radiation (03CH01-SZ)
Bilog Antenna	TeseQ	CBL6112D	23188	30MHz~2GHz	Nov. 07, 2014	Jun. 30, 2015	Nov. 06, 2015	Radiation (03CH01-SZ)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00119436	1GHz~18GHz	Oct. 15, 2014	Jun. 30, 2015	Oct. 14, 2015	Radiation (03CH01-SZ)
Amplifier	ADVANTEST	BB525C	E9007003	9kHz~3000MHz / 30 dB	Jan. 28, 2015	Jun. 30, 2015	Jan. 27, 2016	Radiation (03CH01-SZ)
Amplifier	Yiai	AV3860B	04030	2GHz~26.5GHz	May 05, 2015	Jun. 30, 2015	May 04, 2016	Radiation (03CH01-SZ)
AC Power Source	Chroma	61601	61601000198 5	N/A	NCR	Jun. 30, 2015	NCR	Radiation (03CH01-SZ)
Turn Table	EM	EM1000	N/A	0~360 degree	NCR	Jun. 30, 2015	NCR	Radiation (03CH01-SZ)
Antenna Mast	EM	EM1000	N/A	1 m~4 m	NCR	Jun. 30, 2015	NCR	Radiation (03CH01-SZ)
EMI Receiver	R&S	ESCI7	100724	9kHz~3GHz	Jan. 28, 2015	Jun. 18, 2015~ Jun. 19, 2015	Jan. 27, 2016	Conduction (CO01-SZ)
AC LISN	EMCO	3816/2SH	103892	9kHz~30MHz	Feb. 02, 2015	Jun. 18, 2015~ Jun. 19, 2015	Feb. 01, 2016	Conduction (CO01-SZ)
AC LISN (for auxiliary equipment)	MessTec	AN3016	16850	9kHz~30MHz	Feb. 02, 2015	Jun. 18, 2015~ Jun. 19, 2015	Feb. 01, 2016	Conduction (CO01-SZ)
AC Power Source	Chroma	61602	61602000089 1	100Vac~250Vac	Sep. 29, 2014	Jun. 18, 2015~ Jun. 19, 2015	Sep. 28, 2015	Conduction (CO01-SZ)
Pulse Limiter	COM-POWER	LIT-153 Transient Limiter	53139	150kHz~30MHz	Oct. 24, 2014	Jun. 18, 2015~ Jun. 19, 2015	Oct. 23, 2015	Conduction (CO01-SZ)

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5. Uncertainty of Evaluation

<u>Uncertainty of Conducted Emission Measurement (150 kHz ~ 30 MHz)</u>

Measuring Uncertainty for a Level of	2.3 dB
Confidence of 95% (U = 2Uc(y))	2.3 UB

<u>Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)</u>

Measuring Uncertainty for a Level of	0.0 ID
Confidence of 95% (U = 2Uc(y))	3.9 dB

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