



TEST REPORT

No. I19Z62134-EMC01

for

Shenzhen Tinno Mobile Technology Corp.

Feature Phone

Model Name: U102AA

FCC ID: XD6U102AA

with

Hardware Version: V1.0

Software Version: U102AAV01.61.11

Issued Date: 2020-03-09

Note:

The test results in this test report relate only to the devices specified in this report. This report shall not be reproduced except in full without the written approval of CTTL.

The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government.

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REPORT HISTORY

Report Number	Revision	Description	Issue Date
I19Z62134-EMC01	Rev.0	1 st edition	2020-03-09

CONTENTS

1. TEST LABORATORY	4
1.1. INTRODUCTION & ACCREDITATION	4
1.2. TESTING LOCATION	4
1.3. TESTING ENVIRONMENT	4
1.4. PROJECT DATA	4
1.5. SIGNATURE.....	4
2. CLIENT INFORMATION	5
2.1. APPLICANT INFORMATION.....	5
2.2. MANUFACTURER INFORMATION.....	5
3. EQUIPMENT UNDER TEST (EUT) AND ANCILLARY EQUIPMENT (AE)	6
3.1. ABOUT EUT.....	6
3.2. INTERNAL IDENTIFICATION OF EUT USED DURING THE TEST	6
3.3. INTERNAL IDENTIFICATION OF AE USED DURING THE TEST.....	6
3.4. EUT SET-UPS	7
4. REFERENCE DOCUMENTS.....	8
4.1. REFERENCE DOCUMENTS FOR TESTING.....	8
5. LABORATORY ENVIRONMENT.....	9
6. SUMMARY OF TEST RESULTS.....	10
7. TEST EQUIPMENTS UTILIZED.....	11
ANNEX A: MEASUREMENT RESULTS	12
ANNEX B: PERSONS INVOLVED IN THIS TESTING	25

1. Test Laboratory

1.1. Introduction & Accreditation

Telecommunication Technology Labs, CAICT is an ISO/IEC 17025:2005 accredited test laboratory under NATIONAL VOLUNTARY LABORATORY ACCREDITATION PROGRAM (NVLAP) with lab code 600118-0, and is also an FCC accredited test laboratory (CN5017), and ISED accredited test laboratory (CN0066). The detail accreditation scope can be found on NVLAP website.

1.2. Testing Location

Location 1: CTTL(huayuan North Road)

Address: No. 52, Huayuan North Road, Haidian District, Beijing,
P. R. China 100191

1.3. Testing Environment

Normal Temperature: 15-35°C
Relative Humidity: 20-75%

1.4. Project data

Testing Start Date: 2020-02-27
Testing End Date: 2020-03-05

1.5. Signature



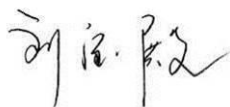
An Hui

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2. Client Information

2.1. Applicant Information

Company Name: Shenzhen Tinno Mobile Technology Corp.
Address /Post: 4/F, H-3 Building,OCT Eastern Industrial Park. NO.1 XiangShan
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City: Shenzhen
Postal Code: /
Country: China
Telephone: 0755-86095550
Fax: /

2.2. Manufacturer Information

Company Name: Shenzhen Tinno Mobile Technology Corp.
Address /Post: 4/F, H-3 Building,OCT Eastern Industrial Park. NO.1 XiangShan East
Road, Nan Shan District,Shenzhen, P.R.China
City: Shenzhen
Postal Code: /
Country: China
Telephone: 0755-86095550
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3. Equipment Under Test (EUT) and Ancillary Equipment (AE)

3.1. About EUT

Description	Feature Phone
Model Name	U102AA
FCC ID	XD6U102AA

Note: Components list, please refer to documents of the manufacturer; it is also included in the original test record of CTTL, Telecommunication Technology Labs, CAICT.

3.2. Internal Identification of EUT used during the test

EUT ID*	SN or IMEI	HW Version	SW Version
EUT1	869101040013183	V1.0	U102AAV01.61.11

*EUT ID: is used to identify the test sample in the lab internally.

3.3. Internal Identification of AE used during the test

AE ID*	Description	SN	Remarks
AE1	battery	/	LP484354R
AE2	Travel charger	/	BMT
AE3	Travel charger	/	Gangqi
AE4	USB Cable	/	T365-004(P103-BL4130-000 、 P103-BMX131-000)
AE5	USB Cable	/	336189(P103-BFT131-000 、 P103-ASH130-000)
AE6	Heast	/	/

AE1

Model	LP484354R
Manufacturer	/
Capacitance	1450 mAh
Nominal voltage	3.8V

AE2

Model	TN-050100U6
Manufacturer	Shenzhen BMT Electronics CO.,Ltd.
Length of cable	/

AE3

Model	TN-050100U6
Manufacturer	Dongguan City Gangqi Electronics CO.,Ltd.
Length of cable	/

AE4

Model	T365-004
Part No.	P103-BL4130-000、 P103-BMX131-000
Manufacturer	Shenzhen Yihuaxing Electronics CO.,Ltd.

Length of cable	/
AE5	
Model	336189
Part No.	P103-BFT131-000、P103-ASH130-000
Manufacturer	SUNTOPS ELECTRONICS CO.,LTD
Length of cable	/
AE6	
Model	Heast
Manufacturer	/
Length of cable	/

*AE ID: is used to identify the test sample in the lab internally.

3.4. EUT set-ups

EUT set-up No.	Combination of EUT and AE	Remarks
Set.1	EUT + AE1 + AE2 + AE4/AE5 + AE6	Charger + FM + UMTS B2 IDLE
Set.1	EUT + AE1 + AE3 + AE4/AE5 + AE6	Charger + FM + LTE B4 IDLE
Set.1	EUT + AE4/AE5	USB + Carmera + LTE B5 IDLE

4. Reference Documents

4.1. Reference Documents for testing

The following documents listed in this section are referred for testing.

Reference	Title	Version
FCC Part 15, Subpart B	Radio frequency devices - Unintentional Radiators	2018
ANSI C63.4	American National Standard for Methods of Measurement of Radio- Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz	2014

Note: The test methods have no deviation with standards.

5. LABORATORY ENVIRONMENT

Semi-anechoic chamber SAC-1 (23 meters×17 meters×10 meters) did not exceed following limits along the EMC testing:

Temperature	Min. = 15 °C, Max. = 35 °C
Relative humidity	Min. = 15 %, Max. = 75 %
Shielding effectiveness	0.014MHz - 1MHz, >60dB; 1MHz - 1000MHz, >90dB.
Electrical insulation	> 2 MΩ
Ground system resistance	< 4Ω
Normalised site attenuation (NSA)	< ± 4 dB, 3m/10m distance, from 30 to 1000 MHz
Site voltage standing-wave ratio (S_{VSWR})	Between 0 and 6 dB, from 1GHz to 18GHz
Uniformity of field strength	Between 0 and 6 dB, from 80 to 3000 MHz

Semi-anechoic chamber SAC-2 (10 meters×6.7meters×6.1meters) did not exceed following limits along the EMC testing:

Temperature	Min. = 15 °C, Max. = 35 °C
Relative humidity	Min. = 15 %, Max. = 75 %
Shielding effectiveness	0.014MHz - 1MHz, >60dB; 1MHz - 1000MHz, >90dB.
Electrical insulation	> 2 MΩ
Ground system resistance	< 4 Ω
Normalised site attenuation (NSA)	< ± 4 dB, 3m distance, from 30 to 1000 MHz
Site voltage standing-wave ratio (S_{VSWR})	Between 0 and 6 dB, from 1GHz to 18GHz
Uniformity of field strength	Between 0 and 6 dB, from 80 to 3000 MHz

Shielded room did not exceed following limits along the EMC testing:

Temperature	Min. = 15 °C, Max. = 35 °C
Relative humidity	Min. = 20 %, Max. = 75 %
Shielding effectiveness	0.014MHz-1MHz, >60dB; 1MHz—1000MHz, >90dB.
Electrical insulation	> 2 MΩ
Ground system resistance	< 4 Ω

6. SUMMARY OF TEST RESULTS

Abbreviations used in this clause:		
Verdict Column	P	Pass
	NA	Not applicable
	F	Fail

Items	Test Name	Clause in FCC rules	Section in this report	Verdict	Test Location
1	Radiated Emission	15.109(a)	A.1	BR	Location1 & Location 2
2	Conducted Emission	15.107(a)	A.2	BR	Location 1

7. Test Equipments Utilized

NO.	Description	TYPE	SERIES NUMBER	MANUFACTURE	CAL DUE DATE	CALIBRATI ON INTERVAL
1	Test Receiver	ESCI 3	100766	Rohde & Schwarz	2020-03-20	1 year
2	LISN	ENV216	101200	Rohde & Schwarz	2020-04-27	1 year
3	EMI Antenna	VULB 9163	9163-1222	Schwarzbeck	2020-03-14	1 year
4	EMI Antenna	3115	00167250	ETS-Lindgren	2020-05-14	1 year
5	Test Receiver	ESCI7	100948	Rohde & Schwarz	2020-07-11	1 year
6	PC	OPTIPLEX 380	2X1YV2X	DELL	N/A	N/A
7	Printer	P1606dn	VNC3L52122	HP	N/A	N/A
8	Keyboard	L100	CN0RH659658 907ATOI40	DELL	N/A	N/A
9	Mouse	M-UAE119	LZ935220ZRC	Lenovo	N/A	N/A

ANNEX A: MEASUREMENT RESULTS

A.1 Radiated Emission

Reference

FCC: CFR Part 15.109(a).

A.1.1 Method of measurement

The field strength of radiated emissions from the unintentional radiator (USB mode of MS and charging mode of MS) at distances of 3 meters(for 30MHz-1GHz) and 3 meters (for above 1GHz) is tested. Tested in accordance with the procedures of ANSI C63.4 – 2014, section 8.3.

The EUT was placed on a non-conductive table. The measurement antenna was placed at a distance of 3 meters from the EUT. During the tests, the antenna height and the EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. This maximization process was repeated with the EUT positioned in each of its three orthogonal orientations.

A.1.2 EUT Operating Mode

The MS is operating in the USB mode, charging mode and License RX band mode.

During the charging mode the camera is keeping on taking photos.

During the USB mode the FM application is started up. The model of the PC is Lenovo M4000e-17, and the serial number of the PC is M706RMW2. The software is used to let the PC keep on copying data to MS, reading and erasing the data after copy action was finished.

Note: I/O information: Printer – USB, Mouse – PS/2, Keyboard – USB.

License RX band mode: Test mode: GSM850, WCDMA BAND 5, LTE BAND 5, LTE BAND 12.

A.1.3 Measurement Limit

Frequency range (MHz)	Field strength limit ($\mu\text{V/m}$)		
	Quasi-peak	Average	Peak
30-88	100		
88-216	150		
216-960	200		
960-1000	500		
>1000		500	5000

Note: the above limit is for 3 meters test distance. 10 meters' limit is got by converting.

A.1.4 Test Condition

Frequency range (MHz)	RBW/VBW	Sweep Time (s)	Detector
30-1000	120kHz (IF Bandwidth)	5	Peak/Quasi-peak
Above 1000	1MHz/3MHz	15	Peak, Average

A.1.5 Measurement Results

A "reference path loss" is established and the A_{Rpl} is the attenuation of "reference path loss". It includes the antenna factor of receive antenna and the path loss.

The measurement results are obtained as described below:

$$\text{Result} = P_{\text{Mea}} + A_{\text{Rpl}} = P_{\text{Mea}} + G_A + G_{\text{PL}}$$

Where

G_A : Antenna factor of receive antenna

G_{PL} : Path Loss

P_{Mea} : Measurement result on receiver.

Measurement uncertainty (worst case): 30MHz-1GHz: 5.40dB, 1GHz-18GHz: 4.32dB, $k=2$.

Measurement results for Set.1:

Charging Mode + FM + UMTS B2 IDLE/Average detector

Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17953.533	33.5	-25.5	43.4	15.602	54.0	20.5	H
17977.333	33.5	-25.5	43.4	15.602	54.0	20.5	H
17969.400	33.4	-25.5	43.4	15.502	54.0	20.6	V
17878.733	33.4	-25.7	43.4	15.742	54.0	20.6	H
17967.133	33.3	-25.5	43.4	15.402	54.0	20.7	H
17968.833	33.3	-25.5	43.4	15.402	54.0	20.7	H

Charging Mode + FM + UMTS B2 IDLE /Peak detector

Frequency (MHz)	Measurement Result (dBμ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμ V)	Limit (dBμ V/m)	Margin (dB)	Antenna Pol. (H/V)
17975.067	44.9	-25.5	43.4	27.002	74.0	29.1	H
17980.733	44.4	-25.5	43.4	26.502	74.0	29.6	H
17982.433	44.3	-25.5	43.4	26.402	74.0	29.7	V
17996.600	44.3	-25.5	43.4	26.402	74.0	29.7	H
17976.767	44.2	-25.5	43.4	26.302	74.0	29.8	H
17740.467	44.1	-25.7	43.4	26.442	74.0	29.9	H

Measurement results for Set.2:
Charging Mode + FM+ LTE B4 IDLE/Average detector

Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17993.200	33.7	-25.5	43.4	15.802	54.0	20.3	H
17994.333	33.6	-25.5	43.4	15.702	54.0	20.4	H
17973.933	33.5	-25.5	43.4	15.602	54.0	20.5	V
17955.233	33.5	-25.5	43.4	15.602	54.0	20.5	H
17979.033	33.4	-25.5	43.4	15.502	54.0	20.6	H
17990.367	33.4	-25.5	43.4	15.502	54.0	20.6	H

Charging Mode+ FM /Peak detector

Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17987.533	44.9	-25.5	43.4	27.002	74.0	29.1	H
17964.867	44.8	-25.5	43.4	26.902	74.0	29.2	H
17997.733	44.7	-25.5	43.4	26.802	74.0	29.3	V
17939.367	44.5	-25.5	43.4	26.602	74.0	29.5	H
17785.800	44.5	-25.7	43.4	26.842	74.0	29.5	H
17868.533	44.5	-25.7	43.4	26.842	74.0	29.5	H

Measurement results for Set.3:
USB Mode + CAMERA + LTE B5 IDLE/Average detector

Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17991.500	33.3	-25.5	43.4	15.402	54.0	20.7	H
17990.367	33.2	-25.5	43.4	15.302	54.0	20.8	H
17989.233	33.0	-25.5	43.4	15.102	54.0	21.0	V
17984.133	32.9	-25.5	43.4	15.002	54.0	21.1	H
17958.067	32.8	-25.5	43.4	14.902	54.0	21.2	H
17996.600	32.8	-25.5	43.4	14.902	54.0	21.2	H

USB Mode + CAMERA/Peak detector

Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
1194.367	46.0	-39.9	23.3	62.601	74.0	28.0	H
1194.933	45.1	-39.9	23.3	61.701	74.0	28.9	H
1199.467	44.0	-40.0	23.3	60.696	74.0	30.0	V
17968.833	44.0	-25.5	43.4	26.102	74.0	30.0	H
17986.967	43.9	-25.5	43.4	26.002	74.0	30.1	H
17942.200	43.9	-25.5	43.4	26.002	74.0	30.1	H

Charging Mode + FM + UMTS B2 IDLE, Set.1

Full Spectrum

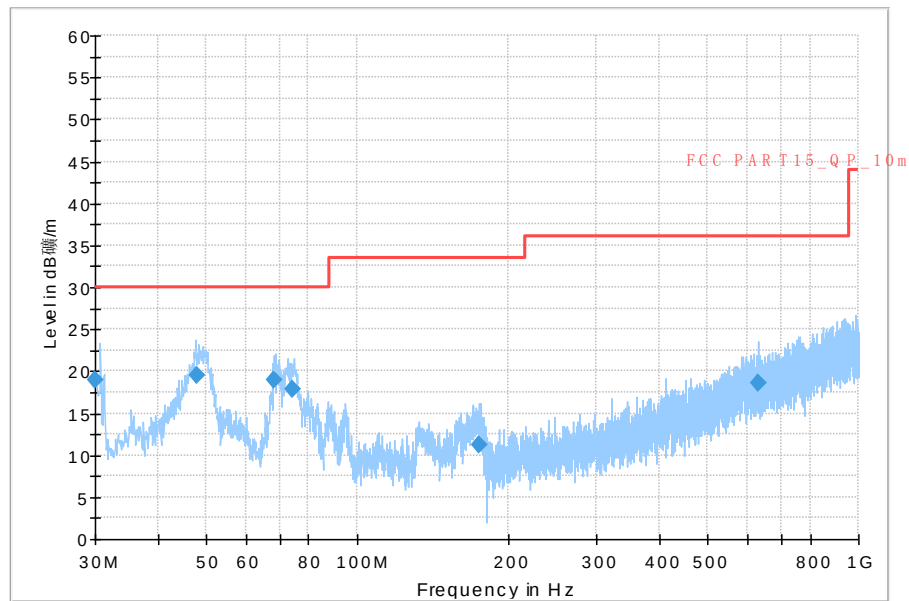


Figure A.1 Radiated Emission from 30MHz to 1GHz

Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
30.079000	18.99	30.00	11.01	1000.0	120.000	103.0	V	-19.0
47.917000	19.60	30.00	10.40	1000.0	120.000	125.0	V	-2.0
68.306000	18.91	30.00	11.09	1000.0	120.000	125.0	V	0.0
74.214000	17.84	30.00	12.16	1000.0	120.000	125.0	V	-30.0
175.288000	11.24	33.50	22.28	1000.0	120.000	120.0	V	-4.0
629.760000	18.54	36.00	17.48	1000.0	120.000	125.0	V	120.0

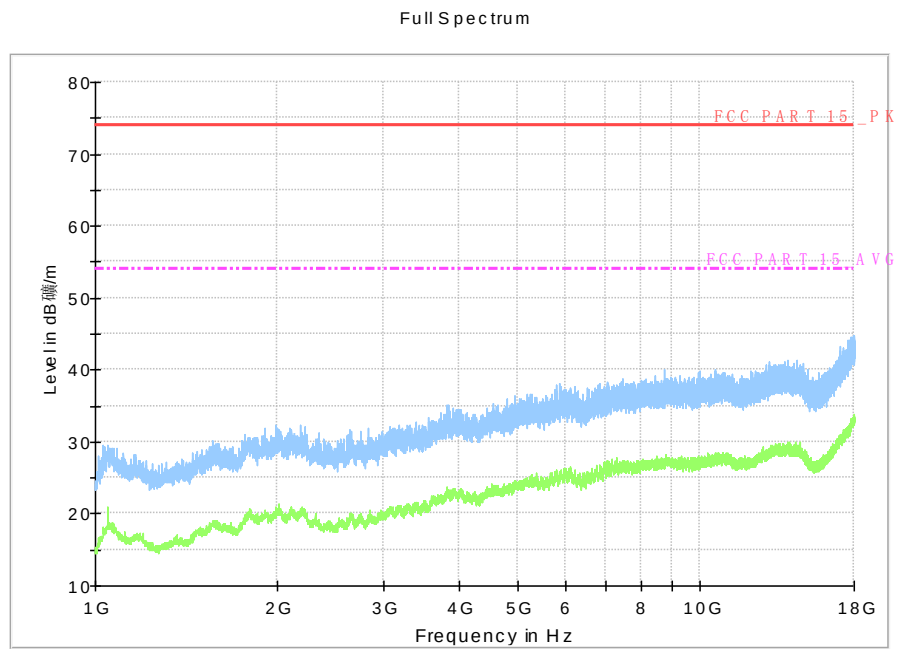


Figure A.2 Radiated Emission from 1GHz to 18GHz

Note: The measurement results showed here are worst cases of the combinations of different condition.

Charging Mode + FM+ LTE B4 IDLE, Set.2

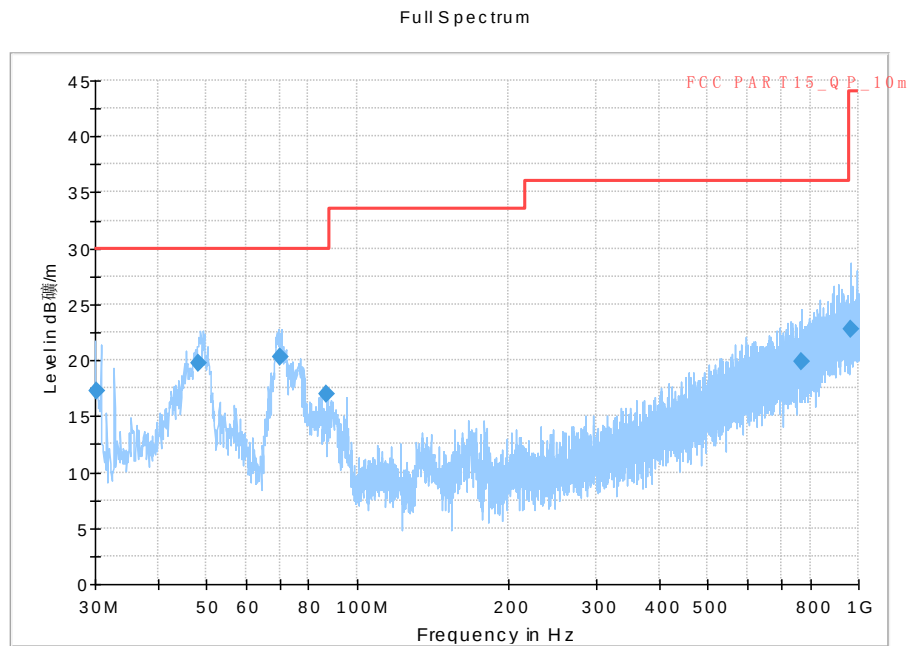


Figure A.4 Radiated Emission from 30MHz to 1GHz

Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
30.176000	17.25	30.00	12.75	1000.0	120.000	100.0	V	66.0
48.241000	19.74	30.00	10.26	1000.0	120.000	100.0	V	5.0
70.140000	20.23	30.00	9.77	1000.0	120.000	125.0	V	-10.0
86.588000	16.99	30.00	13.01	1000.0	120.000	125.0	V	-19.0
767.865000	19.94	36.00	16.08	1000.0	120.000	114.0	V	114.0
966.304000	22.72	44.00	21.26	1000.0	120.000	125.0	V	90.0

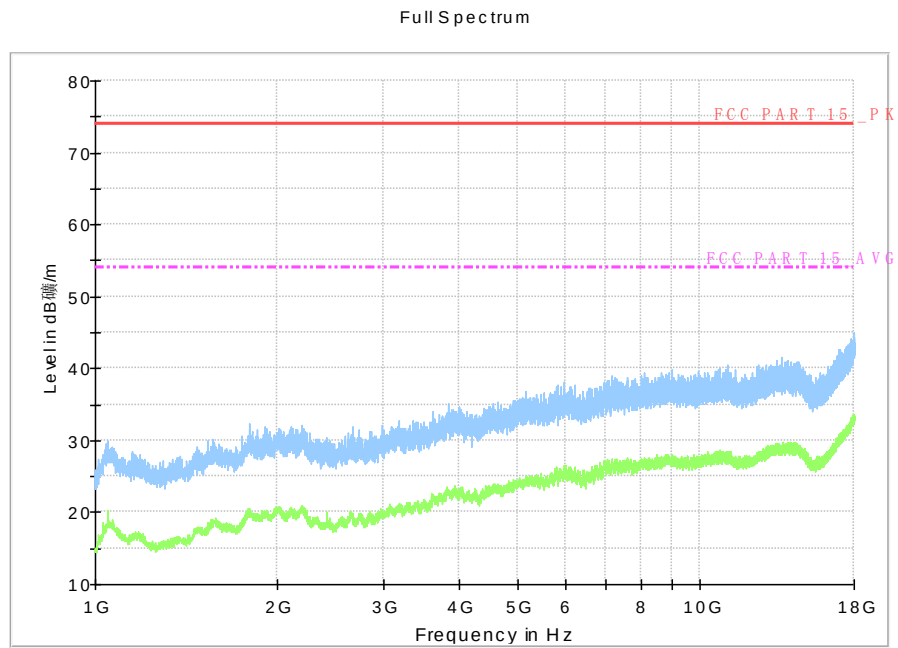


Figure A.5 Radiated Emission from 1GHz to 18GHz

Note: The measurement results showed here are worst cases of the combinations of different condition.

USB Mode + CAMERA + LTE B5 IDLE, Set.3

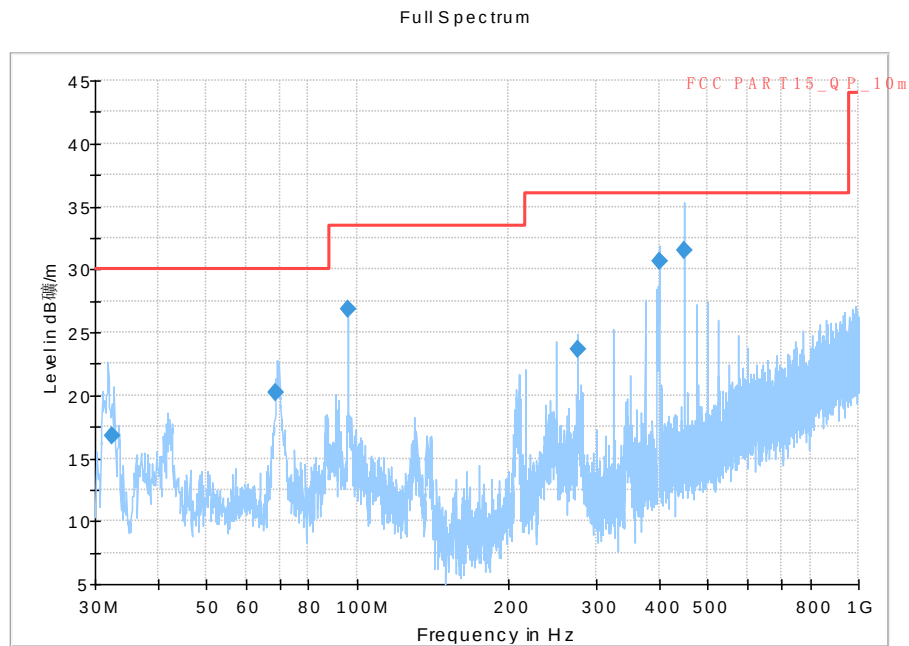


Figure A.7 Radiated Emission from 30MHz to 1GHz

Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
32.383000	16.82	30.00	13.18	1000.0	120.000	121.0	V	30.0
68.731000	20.17	30.00	9.83	1000.0	120.000	101.0	V	17.0
96.020000	26.85	33.50	6.67	1000.0	120.000	113.0	V	30.0
275.022000	23.71	36.00	12.31	1000.0	120.000	114.0	V	106.0
400.018000	30.67	36.00	5.35	1000.0	120.000	116.0	V	94.0
450.010000	31.46	36.00	4.54	1000.0	120.000	102.0	V	78.0

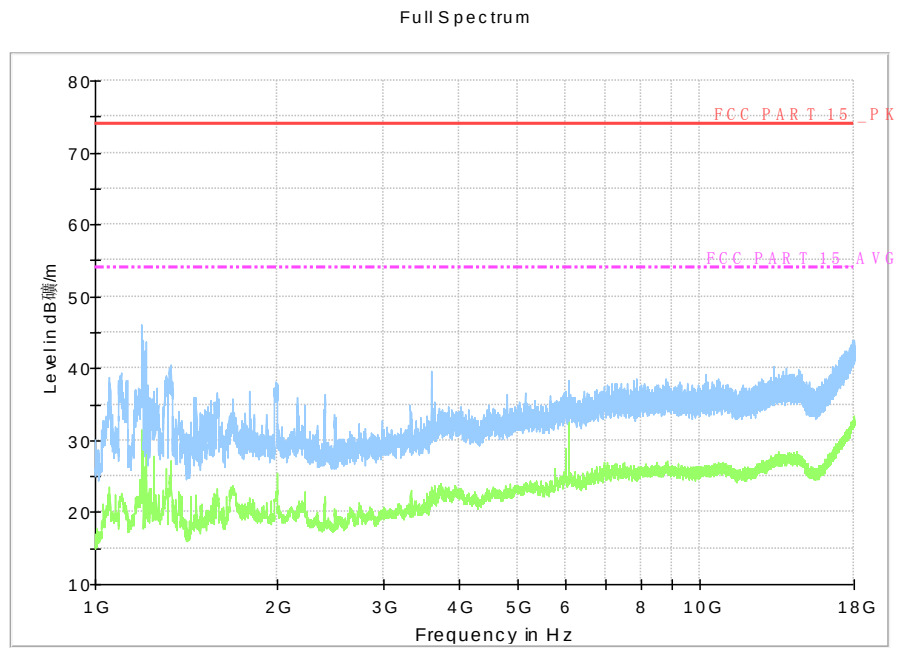


Figure A.8 Radiated Emission from 1GHz to 18GHz

A.2 Conducted Emission

Reference

FCC: CFR Part 15.107(a).

A.2.1 Method of measurement

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. Tested in accordance with the procedures of ANSI C63.4 – 2014, section 7.3.

A.2.2 EUT Operating Mode

The MS is operating in the USB mode and charging mode. During the test MS is connected to a PC via a USB cable in the case of USB mode and is connected to a charger in the case of charging mode. During the charging mode the camera is keeping on taking photos. During the USB mode the FM application is started up. The model of the PC is Lenovo M4000e-17, and the serial number of the PC is M706RMW2. The software is used to let the PC keep on copying data to MS, reading and erasing the data after copy action was finished.

Note: I/O information: Printer – USB, Mouse – PS/2, Keyboard – USB.

A.2.3 Measurement Limit

Frequency of emission (MHz)	Conducted limit (dBμV)	
	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		

A.2.4 Test Condition in charging mode

Voltage (V)	Frequency (Hz)
120	60

RBW/IF bandwidth	Sweep Time(s)
9kHz	1

A.2.5 Measurement Results

Measurement uncertainty: $U = 3.10 \text{ dB}$, $k=2$.

Charging Mode + FM, Set.1

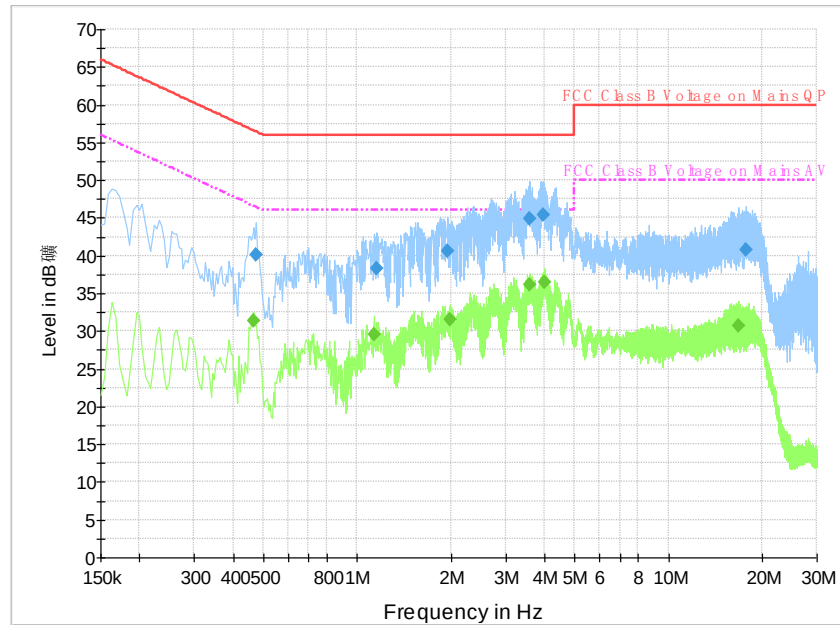


Figure A.43 Conducted Emission

Final Result 1

Frequency (MHz)	QuasiPeak (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.474000	40.1	1000.0	9.000	On	L1	19.8	16.4	56.4
1.158000	38.4	1000.0	9.000	On	L1	19.8	17.6	56.0
1.954500	40.7	1000.0	9.000	On	L1	19.8	15.3	56.0
3.574500	44.9	1000.0	9.000	On	L1	19.8	11.1	56.0
3.979500	45.4	1000.0	9.000	On	L1	19.8	10.6	56.0
17.763000	40.8	1000.0	9.000	On	L1	20.0	19.2	60.0

Final Result 2

Frequency (MHz)	Average (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.465000	31.4	1000.0	9.000	On	L1	19.8	15.2	46.6
1.131000	29.5	1000.0	9.000	On	L1	19.8	16.5	46.0
1.981500	31.5	1000.0	9.000	On	L1	19.8	14.5	46.0
3.592500	36.1	1000.0	9.000	On	L1	19.8	9.9	46.0
4.015500	36.4	1000.0	9.000	On	L1	19.8	9.6	46.0
16.818000	30.7	1000.0	9.000	On	L1	19.9	19.3	50.0

Charging Mode + FM, Set.2

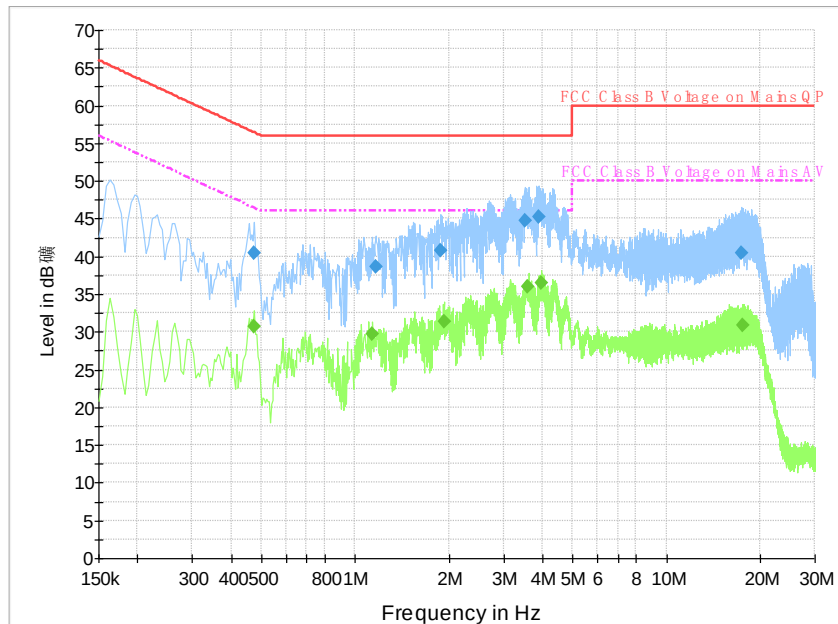


Figure A.43 Conducted Emission

Final Result 1

Frequency (MHz)	QuasiPeak (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.474000	40.4	1000.0	9.000	On	L1	19.8	16.1	56.4
1.162500	38.6	1000.0	9.000	On	L1	19.8	17.4	56.0
1.882500	40.8	1000.0	9.000	On	L1	19.8	15.2	56.0
3.502500	44.8	1000.0	9.000	On	L1	19.8	11.2	56.0
3.903000	45.2	1000.0	9.000	On	L1	19.8	10.8	56.0
17.358000	40.5	1000.0	9.000	On	L1	20.0	19.5	60.0

Final Result 2

Frequency (MHz)	Average (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.474000	30.6	1000.0	9.000	On	L1	19.8	15.8	46.4
1.140000	29.7	1000.0	9.000	On	L1	19.8	16.3	46.0
1.927500	31.4	1000.0	9.000	On	L1	19.8	14.6	46.0
3.597000	35.9	1000.0	9.000	On	L1	19.8	10.1	46.0
3.970500	36.5	1000.0	9.000	On	L1	19.8	9.5	46.0
17.614500	30.9	1000.0	9.000	On	L1	20.0	19.1	50.0

.USB Mode +CAMERA, Set.3

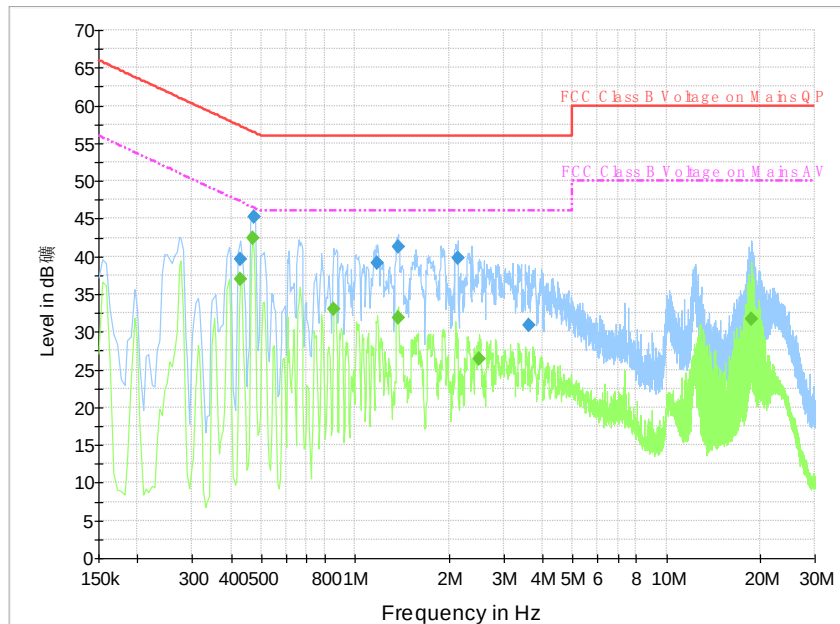


Figure A.44 Conducted Emission

Final Result 1

Frequency (MHz)	QuasiPeak (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.429000	39.7	1000.0	9.000	On	L1	19.8	17.6	57.3
0.474000	45.2	1000.0	9.000	On	L1	19.8	11.2	56.4
1.180500	39.1	1000.0	9.000	On	N	19.9	16.9	56.0
1.378500	41.2	1000.0	9.000	On	L1	19.8	14.8	56.0
2.139000	39.9	1000.0	9.000	On	N	19.8	16.1	56.0
3.615000	30.8	1000.0	9.000	On	N	19.8	25.2	56.0

Final Result 2

Frequency (MHz)	Average (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.429000	37.0	1000.0	9.000	On	L1	19.8	10.3	47.3
0.469500	42.4	1000.0	9.000	On	L1	19.8	4.1	46.5
0.856500	33.1	1000.0	9.000	On	N	19.9	12.9	46.0
1.378500	31.9	1000.0	9.000	On	L1	19.8	14.1	46.0
2.512500	26.5	1000.0	9.000	On	L1	19.8	19.5	46.0
18.789000	31.7	1000.0	9.000	On	L1	20.0	18.3	50.0

Note: The measurement results showed here are worst cases of the combinations of different headsets.

ANNEX B: Persons involved in this testing

Test Item	Tester
Radiated Emission	Yan Han Chen
Conducted Emission	Shi Suo Lan

*****END OF REPORT*****