



FCC 15B TEST REPORT

No. I22Z60016-EMC01

for

TCL Communication Ltd.

GSM/UMTS/LTE Mobile phone

Model Name: 4188S

FCC ID: 2ACCJH162

with

Hardware Version: 04

Software Version: RDS5

Issued Date: 2022-02-26

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.

Test Laboratory:

CTTL, Telecommunication Technology Labs, CAICT

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

Tel:+86(0)10-62304633-2512, Fax:+86(0)10-62304633-2504

Email: ctl_terminals@caict.ac.cn, website: www.caict.ac.cn



REPORT HISTORY

Report Number	Revision	Description	Issue Date
I22Z60016-EMC01	Rev.0	1 st edition	2022-02-26

CONTENTS

1. TEST LABORATORY	4
1.1. TESTING LOCATION	4
1.2. TESTING ENVIRONMENT	4
1.3. PROJECT DATA	4
1.4. 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
3.5. GENERAL DESCRIPTION	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	24

1. Test Laboratory

1.1. Testing Location

CTTL(huayuan North Road)

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

1.2. Testing Environment

Normal Temperature: 15-35°C

Relative Humidity: 20-75%

1.3. Project data

Testing Start Date: 2022-02-07

Testing End Date: 2022-02-22

1.4. Signature



An Hui

(Prepared this test report)



Zhang Ying

(Reviewed this test report)



Zhang Xia

Deputy Director of the laboratory

(Approved this test report)



2. Client Information

2.1. Applicant Information

Company Name	TCL Communication Ltd. 5/F, Building 22E, 22 Science Park East Avenue, Hong Kong Science Park, Shatin, NT, Hong Kong
Address	
Contact	Peter yang
Email	peter.yang@tcl.com
Tel.	86 755 3664 5759
Fax	86 755 3661 2000-81722

2.2. Manufacturer Information

Company Name	TCL Communication Ltd. 5/F, Building 22E, 22 Science Park East Avenue, Hong Kong Science Park, Shatin, NT, Hong Kong
Address	
Contact	Peter yang
Email	peter.yang@tcl.com
Tel.	86 755 3664 5759
Fax	86 755 3661 2000-81722
Company Name	TCL Communication Ltd.

3. Equipment Under Test (EUT) and Ancillary Equipment (AE)

3.1. About EUT

Description	GSM/UMTS/LTE Mobile phone
Model Name	4188S
FCC ID	2ACCJH162

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

3.2. Internal Identification of EUT used during the test

EUT ID*	SN or IMEI	HW Version	SW Version
EUT1	356806500015730	04	RDS5

*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	Note
AE1-1	Adapter	/
AE2-1	USB Cable	/
AE3-1	Battery	/

AE1-1

Model	UC13US
Manufacturer	BYD
Length	/
SN	CBA0059AGTC1

AE2-1

Model	CDA0000190C2
Manufacturer	SHENGHUA
Length	/

AE3-1

Model	TLi028D7
Manufacturer	VEKEN
Capacitance	3000mAh
Nominal voltage	/
SN	CAB2880029C7

*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	EUT1+AE1-1+AE2-1+ AE3-1	Charger+ Real Camera+ + GSM850 idle
Set.2	EUT1+AE1-1+AE2-1+ AE3-1	Charger+MP4
Set.4	EUT1+AE2-1+ AE3-1	USB SD TO PC+ Front Camera

Note: The device contains receivers which tune and operate between 30MHz-960MHz in the following bands: GSM 850MHz,WCDMA Band5, LTE Bands 5/12/13. The measurement results showed here are worst cases of different bands.

3.5. General Description

Equipment Under Test (EUT) is a model of GSM/UMTS/LTE Mobile phone with integrated antenna.

It supports

GSM Frequency Band	GSM 900/GSM 1800/GSM 1900/GSM 850
UMTS Frequency Band	FDD Band I/ II / IV / V / VIII
LTE Frequency Band	LTE FDD Bands 2/3/4/5/7/12/13/66.

It has MP3, Camera, USB memory, Bluetooth 5.0, Wi-Fi (802.11b/g/n, 802.11n supports 20MHz and 40MHz bandwidth,) , GNSS functions.

Manual and specifications of the EUT were provided to fulfil the test.

Samples undergoing test were selected by the client.

EUT feature information is supplied by the applicant or manufacturer, which is the basis of testing.

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	2019
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×17meters×10meters) 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, 10 m distance
Site voltage standing-wave ratio (S_{VSWR})	Between 0 and 6 dB, from 1GHz to 6GHz
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
	BR	Re-use test data from basic model report.

Items	Test Name	Clause in FCC rules	Section in this report	Verdict	Test Location
1	Radiated Emission	15.109(a)	A.1	P	CTTL(huayuan North Road)
2	Conducted Emission	15.107(a)	A.2	P	CTTL(huayuan North Road)

7. Test Equipments Utilized

No.	Equipment	Model	Serial Number	Manufacturer	Calibration Period	Calibration Due date
1	LISN	ENV216	101200	Rohde & Schwarz	1 year	2022-05-30
2	Test Receiver	ESCI	100766	Rohde & Schwarz	1 year	2022-03-07
3	Test Receiver	ESW44	103023	Rohde & Schwarz	1 year	2022-10-28
4	EMI Antenna	3117	00058889	ETS-Lindgren	1 year	2022-11-09
5	EMI Antenna	9163	9163-1223	Schwarzbeck	1 year	2022-03-22
6	Universal Radio Communication Tester	CMW500	116588	Rohde & Schwarz	1 year	2022-12-20
7	PC	M4000e-17	M706GWXD	Lenovo	N/A	N/A
8	Printer	P1606dn	VNC3L52122	HP	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 (charging mode) 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 3/10 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 charging mode. During the test MS is connected to a charger in the case of charging mode.

The EUT was tested while operating in licensed band Rx mode. All licensed band receivers that tune in the range of 30MHz-960MHz, as listed in Section 3.4, are investigated. Only the worst case emissions are reported.

All equipment is placed on the test table top and arranged in a typical configuration in accordance with ANSI C63.4-2014 and manipulated to obtain worst case emissions.

A.1.3 Measurement Limit

Frequency range (MHz)	Field strength limit ($\mu\text{V}/\text{m}$)		
	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.

$$\text{Limit}(10\text{m}) = \text{Limit}(3\text{m}) + 20[\log(3/10)]$$

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:

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

Where

G_A : Antenna factor of receive antenna

G_{PL} : Path Loss

P_{Mea} : Measurement result on receiver.

Measurement uncertainty (worst case): 30MHz-1GHz: 5.16dB, 1GHz-18GHz: 5.44dB, $k=2$.

Note: The measurement results showed here are worst cases of the combinations of different Battery, cables and Headset.

Note: The measurement results showed here are worst cases.

Measurement results for Set.1:
EUT1 Charger1+Back Camera+GSM 850MHz idle Mode/QP detector

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
30.776000	25.31	29.54	4.23	2000.0	120.000	175.0	V	240.0
33.783000	23.38	29.54	6.16	2000.0	120.000	275.0	V	120.0
34.656000	17.89	29.54	11.65	2000.0	120.000	325.0	V	120.0
55.608000	19.33	29.54	10.21	2000.0	120.000	103.0	V	300.0
59.488000	17.36	29.54	12.18	2000.0	120.000	95.0	V	-9.0
215.076000	15.58	33.06	17.48	2000.0	120.000	125.0	V	-28.0

EUT1 Charger1+Back Camera+GSM 850MHz idle Mode/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)
17998.980	44.4	-29.1	46.7	26.798	54.0	9.6	H
17983.680	44.4	-29.1	46.7	26.798	54.0	9.6	V
17968.380	44.2	-29.1	46.7	26.601	54.0	9.8	H
17945.940	44.2	-28.9	46.7	26.483	54.0	9.8	H
17961.580	44.1	-29.1	46.7	26.501	54.0	9.9	H
17940.500	44.1	-28.9	46.7	26.383	54.0	9.9	V

EUT1 Charger1+Back Camera+GSM 850MHz idle Mode/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)
17172.100	56.0	-29.8	42.4	43.417	74.0	18.0	V
17977.220	55.7	-29.1	46.7	38.101	74.0	18.3	H
17932.340	55.7	-29.4	46.7	38.439	74.0	18.3	V
17975.860	55.6	-29.1	46.7	38.001	74.0	18.4	H
17970.420	55.6	-29.1	46.7	38.001	74.0	18.4	V
17905.480	55.5	-29.3	46.0	38.872	74.0	18.5	V

Measurement results for Set.2:
EUT1 Charger1+MP4 Mode/QP detector

Frequency (MHz)	QuasiPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
30.970000	20.97	29.54	8.57	2000.0	120.000	225.0	V	120.0
31.843000	18.93	29.54	10.61	2000.0	120.000	175.0	V	151.0
49.982000	15.09	29.54	14.45	2000.0	120.000	103.0	V	300.0
57.839000	18.16	29.54	11.38	2000.0	120.000	283.0	V	62.0
59.682000	17.56	29.54	11.98	2000.0	120.000	275.0	V	64.0
257.950000	16.38	35.56	19.18	2000.0	120.000	103.0	V	152.0

EUT1 Charger1+MP4 Mode/Average detector

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17966.340	44.3	-29.1	46.7	26.701	54.0	9.7	V
17963.960	44.1	-29.1	46.7	26.501	54.0	9.9	V
17934.380	44.1	-29.4	46.7	26.839	54.0	9.9	V
17945.940	44.0	-28.9	46.7	26.283	54.0	10.0	H
17951.720	44.0	-28.9	46.7	26.283	54.0	10.0	H
17976.540	44.0	-29.1	46.7	26.401	54.0	10.0	V

EUT1 Charger1+MP4 Mode/Peak detector

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17868.8	55.7	-29.4	46.0	39.139	74.0	18.3	V
17599.8	55.4	-29.7	45.2	39.849	74.0	18.6	H
17931.3	55.3	-29.4	46.7	38.039	74.0	18.7	V
17959.9	55.3	-28.9	46.7	37.583	74.0	18.7	V
17974.8	55.2	-29.1	46.7	37.601	74.0	18.8	V
17885.4	55.1	-29.5	46.0	38.680	74.0	18.9	H

Measurement results for Set.4:
EUT1 USB + SD + Front Camera Mode/QP detector

Frequency (MHz)	QuasiPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
38.730000	21.60	29.54	7.94	2000.0	120.000	202.0	V	150.0
43.968000	22.05	29.54	7.49	2000.0	120.000	95.0	V	210.0
96.251000	17.20	33.06	15.86	2000.0	120.000	125.0	V	-10.0
148.534000	19.33	33.06	13.73	2000.0	120.000	95.0	V	-28.0
197.810000	20.68	33.06	12.38	2000.0	120.000	95.0	V	13.0
594.734000	26.84	35.56	8.72	2000.0	120.000	225.0	V	-10.0

EUT1 USB + SD + Front Camera Mode/Average detector

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17977.900	45.2	-29.1	46.7	27.601	54.0	8.8	V
17979.600	44.9	-29.1	46.7	27.301	54.0	9.1	V
17925.540	44.9	-29.4	46.7	27.639	54.0	9.1	H
17156.800	44.8	-29.9	42.4	32.314	54.0	9.2	V
17151.700	44.7	-29.9	42.4	32.214	54.0	9.3	V
17627.700	44.6	-29.4	45.2	28.752	54.0	9.4	H

EUT1 USB + SD + Front Camera Mode/Peak detector

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17153.060	57.1	-29.9	42.4	44.614	74.0	16.9	H
17900.380	56.8	-29.3	46.0	40.172	74.0	17.2	H
17967.020	56.5	-29.1	46.7	38.901	74.0	17.5	V
17617.500	56.4	-29.5	45.2	40.672	74.0	17.6	V
17930.980	56.4	-29.4	46.7	39.139	74.0	17.6	H
17889.500	56.3	-29.5	46.0	39.880	74.0	17.7	V

EUT1 Charger1+Back Camera+GSM 850MHz idle Mode, Set.1

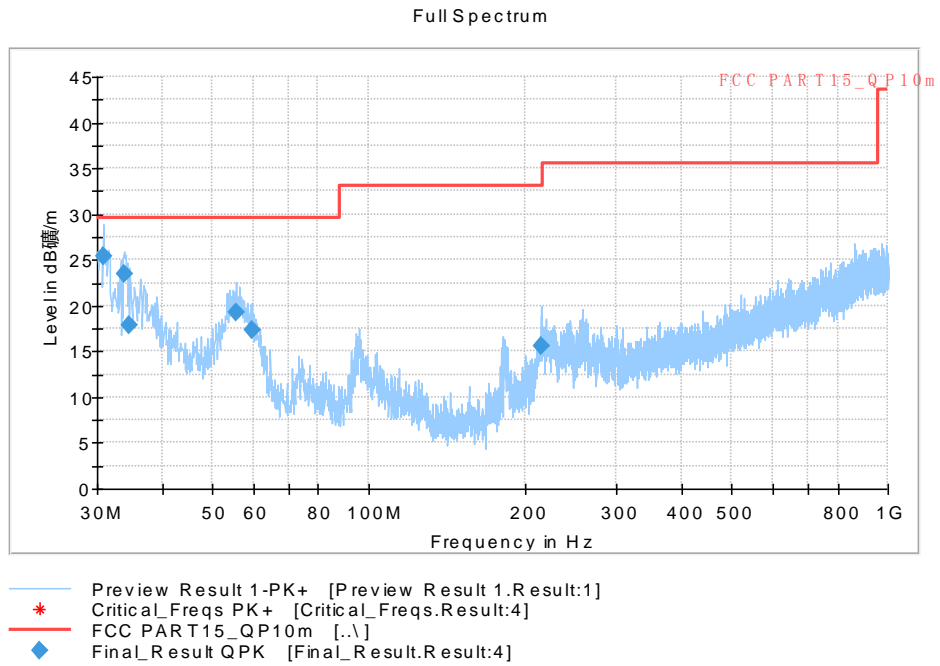


Figure A.1 Radiated Emission from 30MHz to 1GHz

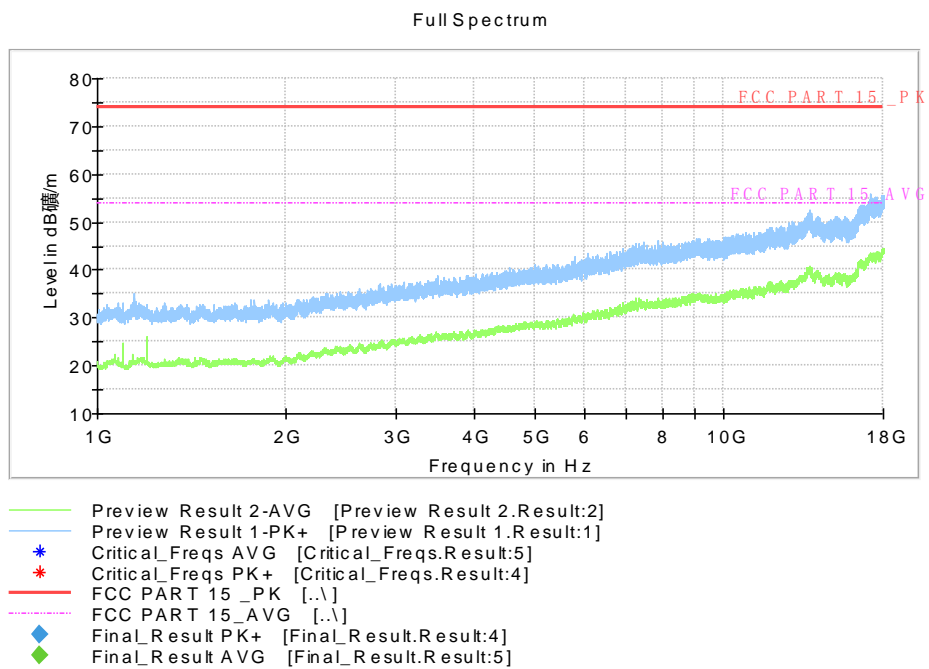


Figure A.2 Radiated Emission from 1GHz to 18GHz

EUT1 Charger1+MP4 Mode, Set.2

Full Spectrum

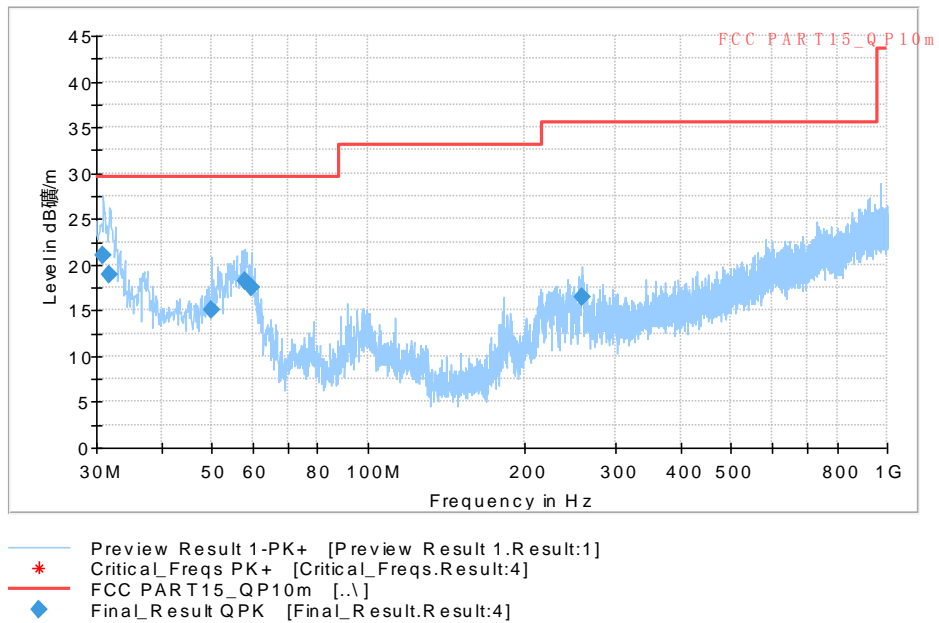


Figure A.3 Radiated Emission from 30MHz to 1GHz

Full Spectrum

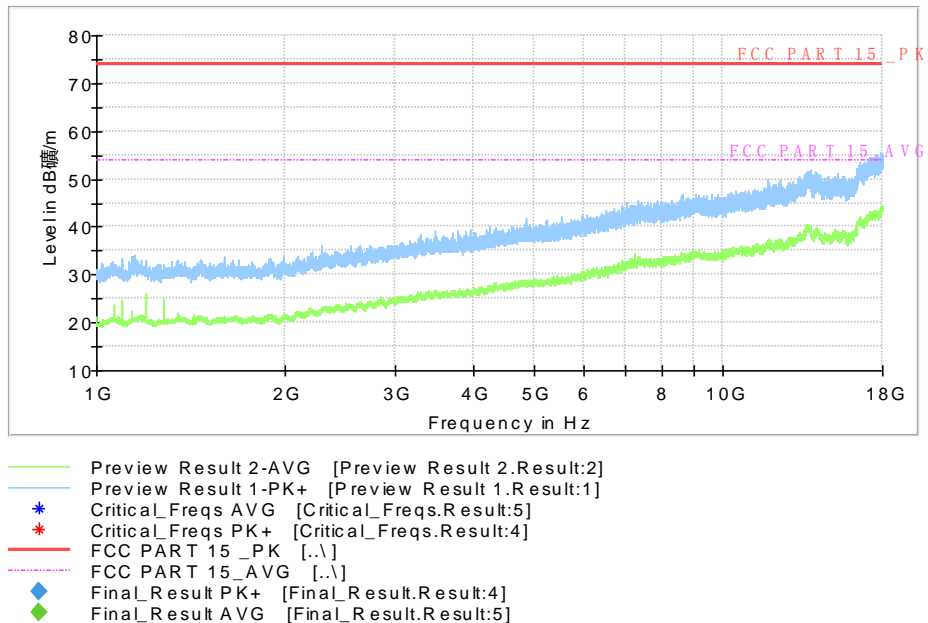


Figure A.4 Radiated Emission from 1GHz to 18GHz

EUT1 USB + SD + Front Camera Mode, Set.4

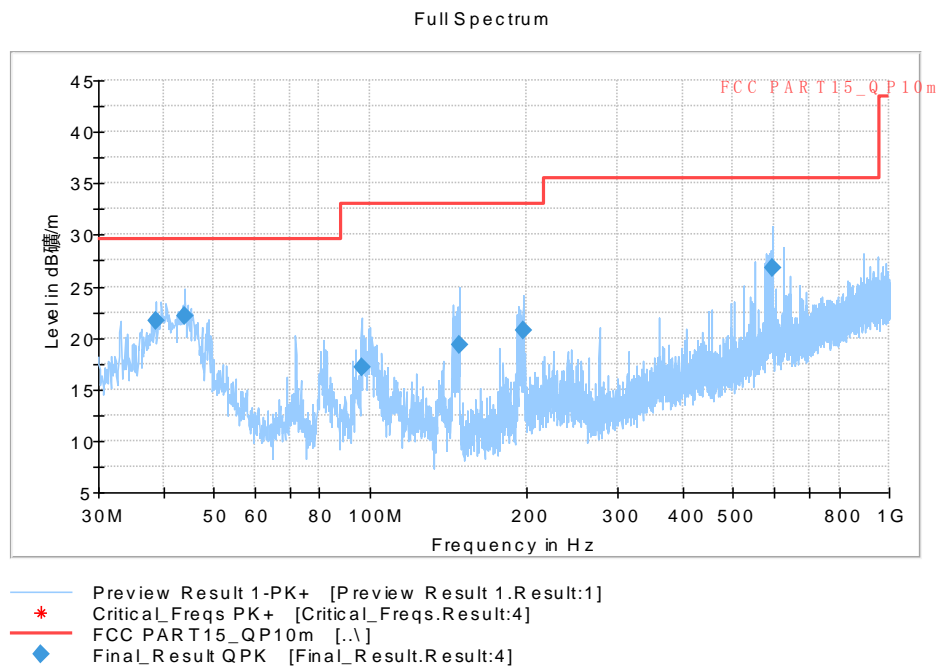


Figure A.5 Radiated Emission from 30MHz to 1GHz

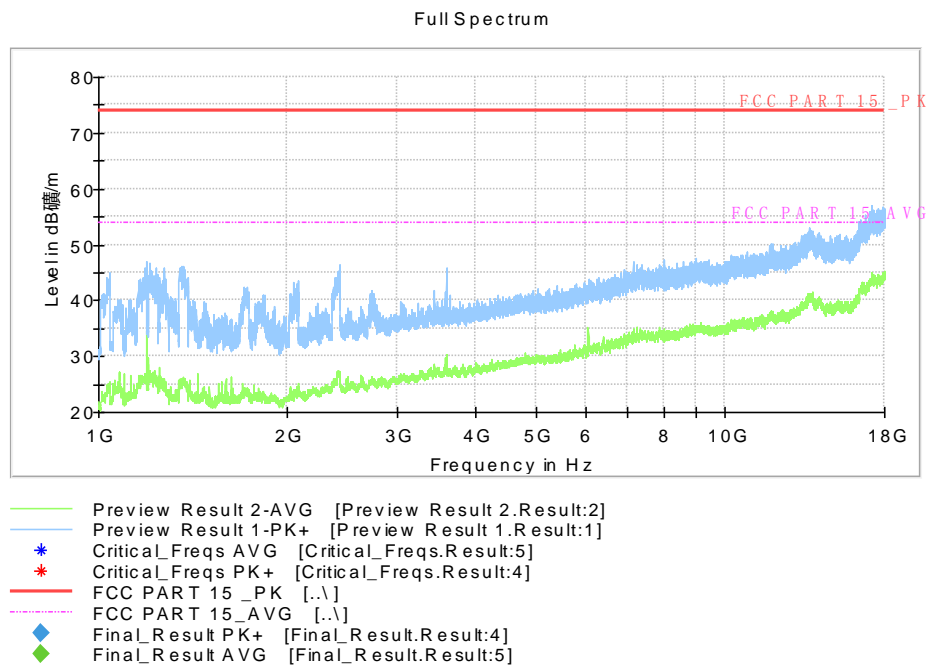


Figure A.6 Radiated Emission from 1GHz to 18GHz

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 charging mode and usb mode.

A.2.3 Measurement Limit

Frequency of emission (MHz)	Conducted limit (dB μ V)	
	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: $U=3.08\text{dB}$, $k=2$.

Note: The measurement results showed here are worst cases of the combinations of different Battery, cables and Headset.

Note: The measurement results showed here are worst cases.

EUT1 Charger1+Back Camera+GSM 850MHz idle Mode, Set.1

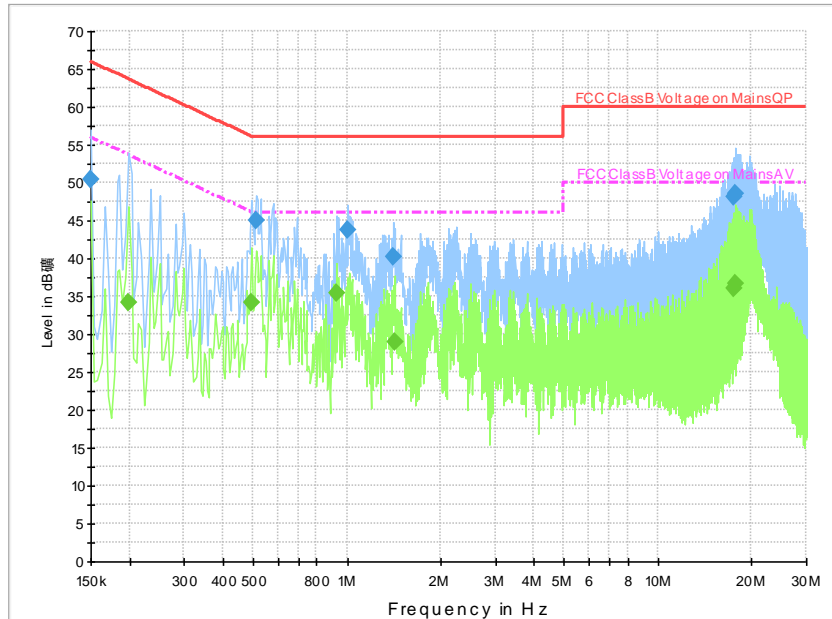


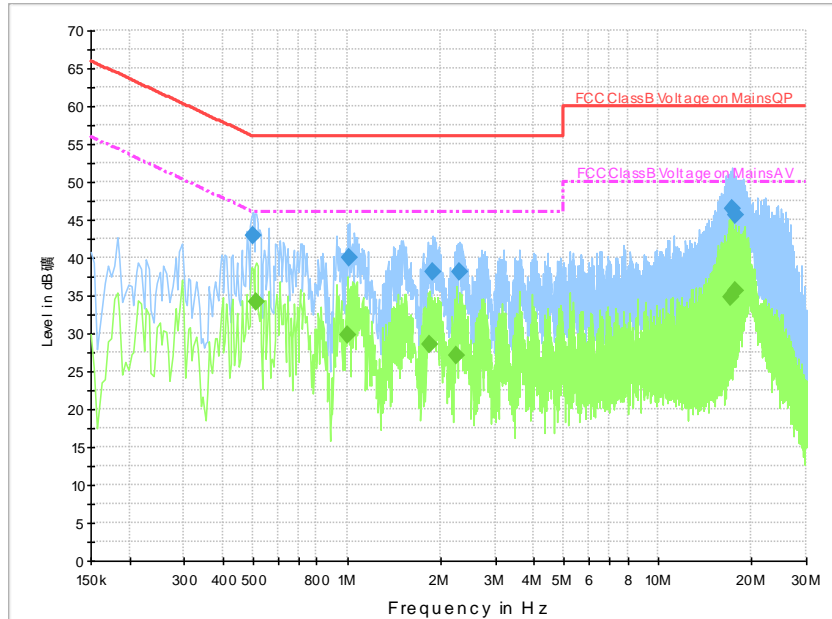
Figure A.7 Conducted Emission

Final Result 1

Frequency (MHz)	QuasiPeak (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.150000	50.4	5000.0	9.000	On	L1	20.2	15.6	66.0
0.510000	45.0	5000.0	9.000	On	L1	19.9	11.0	56.0
1.010000	43.7	5000.0	9.000	On	N	19.8	12.3	56.0
1.410000	40.1	5000.0	9.000	On	L1	19.5	15.9	56.0
17.606000	48.2	5000.0	9.000	On	L1	19.9	11.8	60.0
17.834000	48.6	5000.0	9.000	On	L1	19.9	11.4	60.0

Final Result 2

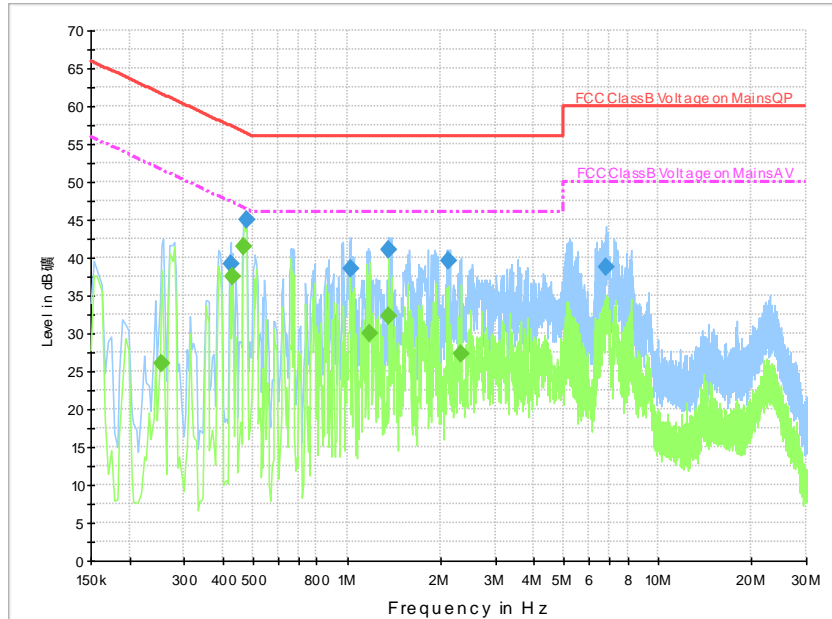
Frequency (MHz)	CAverage (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.198000	34.2	5000.0	9.000	On	L1	20.0	19.5	53.7
0.494000	34.2	5000.0	9.000	On	L1	19.9	11.9	46.1
0.926000	35.4	5000.0	9.000	On	N	19.8	10.6	46.0
1.426000	28.9	5000.0	9.000	On	L1	19.5	17.1	46.0
17.606000	36.0	5000.0	9.000	On	L1	19.9	14.0	50.0
17.834000	36.6	5000.0	9.000	On	L1	19.9	13.4	50.0

EUT1 Charger1+MP4 Mode, Set.2

Figure A.8 Conducted Emission
Final Result 1

Frequency (MHz)	QuasiPeak (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.498000	42.9	5000.0	9.000	On	N	20.0	13.2	56.0
1.018000	40.1	5000.0	9.000	On	L1	19.6	15.9	56.0
1.878000	38.0	5000.0	9.000	On	L1	19.4	18.0	56.0
2.298000	38.0	5000.0	9.000	On	L1	19.5	18.0	56.0
17.398000	46.5	5000.0	9.000	On	L1	19.9	13.5	60.0
17.846000	45.6	5000.0	9.000	On	L1	19.9	14.4	60.0

Final Result 2

Frequency (MHz)	CAverage (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.510000	34.1	5000.0	9.000	On	L1	19.9	11.9	46.0
1.006000	29.7	5000.0	9.000	On	L1	19.6	16.3	46.0
1.846000	28.6	5000.0	9.000	On	L1	19.5	17.4	46.0
2.254000	27.1	5000.0	9.000	On	L1	19.5	18.9	46.0
17.170000	34.7	5000.0	9.000	On	L1	19.9	15.3	50.0
17.846000	35.7	5000.0	9.000	On	L1	19.9	14.3	50.0

EUT1 USB + SD + Front Camera Mode, Set.4

Figure A.9 Conducted Emission
Final Result 1

Frequency (MHz)	QuasiPeak (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.422000	39.2	5000.0	9.000	On	L1	19.9	18.2	57.4
0.474000	44.9	5000.0	9.000	On	L1	19.9	11.5	56.4
1.026000	38.6	5000.0	9.000	On	L1	19.6	17.4	56.0
1.362000	41.1	5000.0	9.000	On	L1	19.5	14.9	56.0
2.126000	39.6	5000.0	9.000	On	N	19.8	16.4	56.0
6.842000	38.8	5000.0	9.000	On	N	19.7	21.2	60.0

Final Result 2

Frequency (MHz)	CAverage (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.254000	26.0	5000.0	9.000	On	N	19.8	25.6	51.6
0.430000	37.5	5000.0	9.000	On	L1	19.9	9.7	47.3
0.466000	41.4	5000.0	9.000	On	L1	19.9	5.1	46.6
1.186000	30.0	5000.0	9.000	On	N	19.8	16.0	46.0
1.362000	32.2	5000.0	9.000	On	L1	19.5	13.8	46.0
2.330000	27.3	5000.0	9.000	On	L1	19.5	18.7	46.0



ANNEX B: Persons involved in this testing

Test Item	Tester
Conducted Continuous Emission	Zhang Tianli
Radiated Continuous Emission	LI Pengfei

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