



FCC 15B TEST REPORT

No. I21Z61482-EMC01

for

TCL Communication Ltd.

5G NR/LTE/WCDMA/GSM Mobile Phone

Model Name: T781S,T781SPP

FCC ID: 2ACCJN056

with

Hardware Version: 03

Software Version: 3D4Y

Issued Date: 2021-10-15

Note:

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Test Laboratory:

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REPORT HISTORY

Report Number	Revision	Description	Issue Date
I21Z61482-EMC01	Rev.0	1 st edition	2021-09-27
I21Z61482-EMC01	Rev.1	2 nd edition.Updata General Description.	2021-10-15



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1. Test Laboratory

1.1. Testing Location

Location 1: CTTL(Huayuan North Road)

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

1.2. Testing Environment

Normal Temperature: 15-35°C

Relative Humidity: 20-75%

1.3. Project data

Testing Start Date: 2021-08-23

Testing End Date: 2021-09-26

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.
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Park, Shatin, NT, Hong Kong
City: Hong Kong
Postal Code: /
Country: China
Telephone: 0086-755-36611722
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2.2. Manufacturer Information

Company Name: TCL Communication Ltd.
Address /Post: 5/F, Building 22E, 22 Science Park East Avenue, Hong Kong Science
Park, Shatin, NT, Hong Kong
City: Hong Kong
Postal Code: /
Country: China
Telephone: 0086-755-36611722
Fax: 0086-755-36612000-81722

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

3.1. About EUT

Description	5G NR/LTE/WCDMA/GSM Mobile Phone
Model Name	T781S,T781SPP
FCC ID	2ACCJN056

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	016048000215740	03	3D4Y

*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	Note
AE1	Adapter	/	/
AE2	USB Cable	/	/
AE3	Battery	/	/
AE4	Headset	/	/

AE1

Model	QC13US
Manufacturer	BYD
Length	/

AE2

Model	CDA0000183C1
Manufacturer	JUWEI
Length	/

AE3

Model	TLp043F1
Manufacturer	BYD
Capacitance	4360mAh
Nominal voltage	3.85V

AE4

Model	Headset
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	EUT1 + AE3 + AE1 + AE2	Charger + Back Camera + RX worse case
Set.2	EUT1 + AE3 + AE1 + AE2 + AE4	Charger + FM
Set.3	EUT1 + AE3 + AE4	USB + Front Camera

Note1:

The device contains receivers which tune and operate between 30MHz-960MHz in the following bands: GSM 850MHz,WCDMA Band5, LTE Bands 5/12/13, 5G NR n5. The measurement results showed here are worst cases of different bands.

3.5. General Description

Equipment Under Test (EUT) is a model of 5G NR/LTE/WCDMA/GSM Mobile Phone with integrated antenna.

It supports

Description	5G NR/ LTE/WCDMA/GSM Mobile Phone
Model name	T781S,T781SPP
5G NR Frequency Band	EN-DC_13A_n2A, EN-DC_13A_n66A, EN-DC_2A_n5A, EN-DC_66A_n2A, EN-DC_66A_n5A, EN-DC_13A-66A_n2A, EN-DC_13A-66A_n66A, EN-DC_2A-13A_n2A, EN-DC_2A-13A_n66A, EN-DC_2A-66A_n5A, EN-DC_13A_n77A, EN-DC_2A_n77A, EN-DC_5A_n77A, EN-DC_66A_n77A, EN-DC_2A-2A_n77A, EN-DC_66A-66A_n77A, EN-DC_66A-66A_n5A, DC_13A_n260A, DC_13A_n261A, DC_2A_n260A, DC_2A_n261A, DC_48A_n260A, DC_48A_n261A, DC_5A_n260A, DC_5A_n261A, DC_66A_n260A, DC_66A_n261A, DC_13A-66A_n260A, DC_13A-66A_n261A, DC_2A-13A_n260A, DC_2A-13A_n261A, DC_2A-5A_n260A, DC_2A-5A_n261A, DC_2A-66A_n260A, DC_2A-66A_n261A, DC_5A-66A_n260A, DC_5A-66A_n261A, DC_66A-66A_n260A, DC_66A-66A_n261A
LTE DL 2CA Frequency Band	CA_13A-4A, CA_13A-66A, CA_13A-2A, CA_2A[4X4]-2A[4X4], CA_2A[4X4]-4A,2A-4A[4X4], CA_2A[4X4]-66A, CA_2A-66A[4X4], CA_2A-5A, CA_4A-5A, CA_5A-66A, CA_4A[4X4]-4A[4X4], CA_5B, CA_5A_5A, CA_66A[4X4]-66A[4X4], CA_66B[4X4], CA_66C[4X4], CA_2A[4X4]-48A,2A-48A[4X4], CA_4A[4X4]-48A,4A-48A[4X4], CA_13A-48A[4X4], CA_48A-66A[4X4], CA_48A[4X4]-66A, CA_48C[4X4], CA_2A[4X4]-46A, CA_4A[4X4]-46A, CA_13A-46A, CA_5A-46A, CA_46A-66A[4X4]
LTE DL 3CA Frequency Band	CA_2A-2A-4A, CA_2A-2A-5A, CA_2A-2A-13A, CA_2A-2A-66A, CA_2A-4A-4A, CA_2A-4A-5A, CA_2A-4A-13A, CA_2A-5A-66A, CA_2A-5B, CA_2A-13A-66A, CA_2A-66A-66A, CA_2A-66B, CA_2A-66C, CA_4A-4A-5A, CA_4A-4A-13A, CA_4A-5B, CA_5A-5A-66A, CA_5A-66A-66A, CA_5A-66B, CA_5A-66C, CA_5B-66A,

	CA_13A-66A-66A, CA_13A-66B, CA_13A-66C, CA_66A-66C, CA_66A-66A-66A, CA_2A-46A-46A, CA_2A-46C, CA_4A-46A-46A, CA_4A-46C, CA_5A-46C, CA_13A-46C, CA_46A-46A-66A, CA_46C-66A, CA_2A-5A-46A, CA_2A-13A-46A, CA_2A-46A-66A, CA_5A-46A-66A, CA_5B-46A, CA_13A-46A-66A, CA_2A-48A-48A, CA_2A-48C, CA_4A-48C, CA_13A-48A-48A, CA_13A-48A-66A, CA_13A-48C, CA_48A-48A-66A, CA_48A-66A-66A, CA_48A-66B, CA_48A-66C, CA_48C-66A, CA_48D
LTE DL 4CA Frequency Band	CA_2A-2A-66B, CA_2A-2A-66C, CA_2A-4A-5B, CA_2A-5A-66B, CA_2A-5A-66C, CA_2A-5B-66A, CA_2A-13A-66B, CA_2A-13A-66C, CA_4A-4A-5B, CA_5A-5A-66B, CA_5A-5A-66C, CA_5B-66A-66A, CA_5B-66B, CA_5B-66C, CA_2A-46A-46C, CA_2A-2A-46C, CA_5B-46C, CA_2A-46D, CA_4A-46A-46C, CA_4A-46D, CA_5A-46D, CA_13A-46D, CA_46A-46C-66A, CA_46D-66A, CA_2A-5A-46C, CA_2A-13A-46C, CA_2A-46C-66A, CA_5A-46C-66A, CA_13A-46C-66A, CA_2A-13A-48C, CA_2A-48A-48C, CA_4A-48D, CA_2A-48D, CA_13A-48C-66A, CA_13A-48A-66B, CA_13A-48A-66C, CA_13A-48A-48C, CA_13A-48D, CA_48A-48A-66B, CA_48A-48A-66C, CA_48A-48C-66A, CA_48C-66A-66A, CA_48D-66A, CA_48E, CA_48C-66B, CA_48C-66C
LTE UL CA Frequency Band	CA_5B, CA_66B, CA_48C
LTE Frequency Band	LTE FDD2/FDD3/FDD4/FDD5/FDD7/FDD12/FDD13/FDD20/FDD28/28a/TDD46 /TDD48/FDD66
UMTS Frequency Band	FDD Band I(W2100)/FDD Band II(W1900)/FDD Band V(W850)/FDD Band VIII(W900)
GSM Frequency Band	GSM 900/GSM 1800/GSM 1900/GSM 850
GPRS Multislot Class	12
EGPRS Multislot Class	12
Extreme Temperature	-10~55°C
Normal Voltage	3.8V
Extreme Low Voltage	3.6V
Extreme High Voltage	4.4V

It has MP3, Camera, USB memory, FM, Bluetooth 5.1, Wi-Fi (802.11a/b/g/n/ac, 802.11n supports 20MHz and 40MHz bandwidth, 802.11ac supports 20MHz and 40MHz and 80MHz 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.	Description	TYPE	SERIES NUMBER	MANUFACTURE	CAL DUE DATE	CALIBRATION INTERVAL
1	LISN	ENV216	101200	R & S	2022-05-03	1 year
2	Test Receiver	ESCI	100344	R & S	2022-02-23	1 year
3	Universal Radio Communication Tester	CMW500	163975	R&S	2022-01-11	1 Year
4	Universal Radio Communication Tester	CMW500	116588	R&S	2021-12-07	1 Year
5	Test Receiver	ESU26	100235	R & S	2022-02-23	1 year
6	BiLog Antenna	VULB9163	9163-1223	Schwarzbeck	2022-03-22	1 year
7	Dual-Ridge Waveguide Horn Antenna	3115	6914	ETS-Lindgren	2022-02-03	1 year
8	Universal Radio Communication Tester	MT8821C	6262257899	Anritsu	2022-05-06	1 year
9	Universal Radio Communication Tester	MT8000A	6262261933	Anritsu	2022-05-06	1 year
10	FM Signal Source	SMBV100A	260613	R & S	2022-01-06	1 year

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 10 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/1MHz	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 Charger+Back Camera+GSM 850MHz idle 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)
38.633000	11.18	29.50	18.36	1000.0	120.000	125.0	V	158.0
57.451000	18.40	29.50	11.14	1000.0	120.000	194.0	V	-26.0
93.244000	13.95	33.10	19.11	1000.0	120.000	101.0	V	-9.0
123.605000	12.02	33.10	21.04	1000.0	120.000	113.0	V	300.0
188.013000	18.68	33.10	14.38	1000.0	120.000	117.0	V	300.0
228.462000	16.55	35.60	19.01	1000.0	120.000	196.0	V	30.0

EUT1 Charger+Back Camera+GSM 850MHz idle Mode/Average detector

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver eading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17984.133	46.6	-29.1	46.7	28.998	V	54.0	7.4
17985.267	46.6	-29.1	46.7	28.998	V	54.0	7.4
17928.600	46.2	-29.4	46.7	28.939	H	54.0	7.8
17971.100	46.1	-29.1	46.7	28.501	V	54.0	7.9
17980.167	46.0	-29.1	46.7	28.398	H	54.0	8.0
17949.567	45.9	-28.9	46.7	28.183	V	54.0	8.1

EUT1 Charger+Back Camera+GSM 850MHz idle 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)
17973.367	57.0	-29.1	46.7	39.401	H	74.0	17.0
17984.133	55.2	-29.1	46.7	37.598	V	74.0	18.8
17959.767	55.2	-28.9	46.7	37.483	H	74.0	18.8
17914.433	55.0	-29.3	46.7	37.665	H	74.0	19.0
17996.600	55.0	-29.1	46.7	37.398	V	74.0	19.0
17953.533	54.9	-28.9	46.7	37.183	V	74.0	19.1

Measurement results for Set.2:
EUT1 Charger+FM 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)
37.566000	11.96	29.50	17.58	1000.0	120.000	221.0	V	5.0
54.638000	11.94	29.50	17.60	1000.0	120.000	111.0	V	-8.0
120.404000	9.41	33.10	23.65	1000.0	120.000	125.0	V	300.0
148.825000	7.63	33.10	25.43	1000.0	120.000	113.0	V	92.0
191.311000	15.08	33.10	17.98	1000.0	120.000	101.0	V	-27.0
235.834000	17.74	35.60	17.82	1000.0	120.000	101.0	V	30.0

EUT1 Charger+FM Mode/Average detector

Frequency (MHz)	Result (dB μ V/m)	G _{PL} (dB)	G _A (dB/m)	P _{Mea} (dB μ V)	Polarity	Limit (dB μ V/m)	Margin (dB)
17977.333	47.0	-29.1	46.7	29.401	H	54.0	7.0
17991.500	47.0	-29.1	46.7	29.398	H	54.0	7.0
17979.600	46.9	-29.1	46.7	29.301	H	54.0	7.1
17986.967	46.8	-29.1	46.7	29.198	V	54.0	7.2
17996.600	46.7	-29.1	46.7	29.098	V	54.0	7.3
17969.967	46.6	-29.1	46.7	29.001	V	54.0	7.4

EUT1 Charger+FM Mode/Peak detector

Frequency (MHz)	Result (dB μ V/m)	G _{PL} (dB)	G _A (dB/m)	P _{Mea} (dB μ V)	Polarity	Limit (dB μ V/m)	Margin (dB)
17983.000	55.5	-29.1	46.7	37.898	V	74.0	18.5
17956.367	55.3	-28.9	46.7	37.583	V	74.0	18.7
17999.433	55.2	-29.1	46.7	37.598	H	74.0	18.8
17947.300	55.2	-28.9	46.7	37.483	V	74.0	18.8
17966.000	55.1	-29.1	46.7	37.501	V	74.0	18.9
17995.467	55.1	-29.1	46.7	37.498	H	74.0	18.9

Measurement results for Set.3:
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)
35.723000	23.96	29.50	5.58	1000.0	120.000	345.0	V	256.0
98.967000	19.27	33.10	13.79	1000.0	120.000	197.0	V	15.0
111.965000	17.65	33.10	15.41	1000.0	120.000	114.0	V	151.0
216.046000	22.39	35.60	13.17	1000.0	120.000	117.0	V	120.0
262.024000	10.78	35.60	24.78	1000.0	120.000	318.0	V	268.0
495.115000	24.66	35.60	10.90	1000.0	120.000	297.0	V	-19.0

EUT1 USB + SD + Front Camera Mode/Average detector

Frequency (MHz)	Result (dB μ V/m)	G _{PL} (dB)	G _A (dB/m)	P _{Mea} (dB μ V)	Polarity	Limit (dB μ V/m)	Margin (dB)
17983.000	55.5	-29.1	46.7	37.898	V	74.0	18.5
17956.367	55.3	-28.9	46.7	37.583	V	74.0	18.7
17999.433	55.2	-29.1	46.7	37.598	H	74.0	18.8
17947.300	55.2	-28.9	46.7	37.483	V	74.0	18.8
17966.000	55.1	-29.1	46.7	37.501	V	74.0	18.9
17995.467	55.1	-29.1	46.7	37.498	H	74.0	18.9

EUT1 USB + SD + Front Camera Mode/Peak detector

Frequency (MHz)	Result (dB μ V/m)	G _{PL} (dB)	G _A (dB/m)	P _{Mea} (dB μ V)	Polarity	Limit (dB μ V/m)	Margin (dB)
17965.433	56.1	-29.1	46.7	38.501	H	74.0	17.9
17949.000	55.2	-28.9	46.7	37.483	V	74.0	18.8
17914.433	55.2	-29.3	46.7	37.865	H	74.0	18.8
17972.800	55.1	-29.1	46.7	37.501	V	74.0	18.9
17971.100	54.9	-29.1	46.7	37.301	V	74.0	19.1
17868.533	54.8	-29.4	46.0	38.239	V	74.0	19.2

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

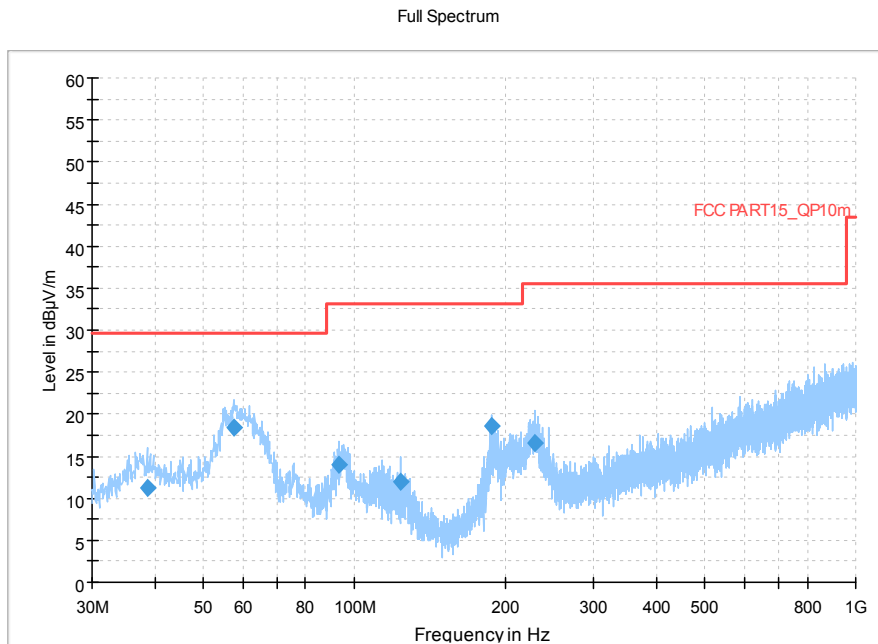


Figure A.1 Radiated Emission from 30MHz to 1GHz

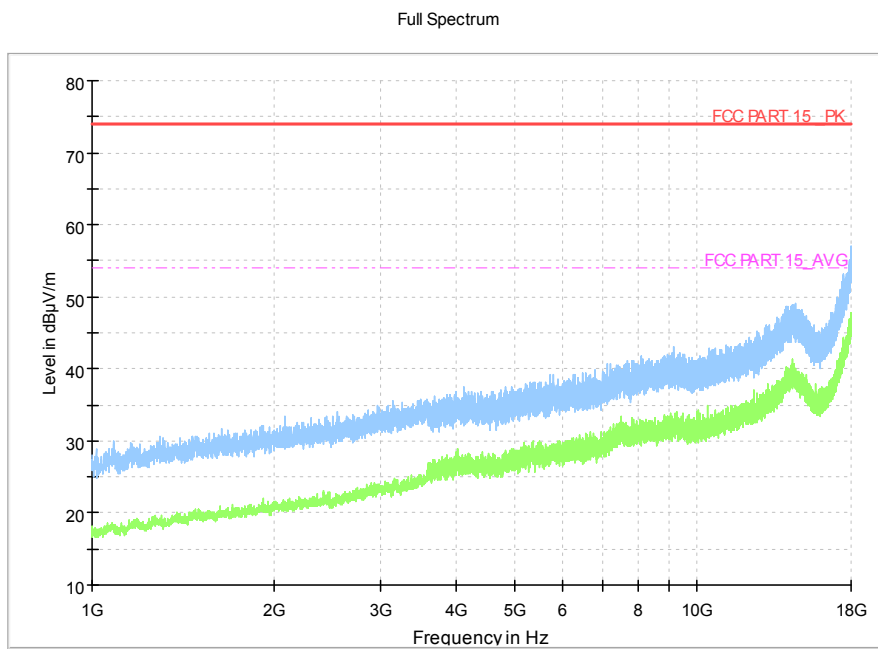


Figure A.2 Radiated Emission from 1GHz to 3GHz

EUT1 Charger+FM Mode, Set.2

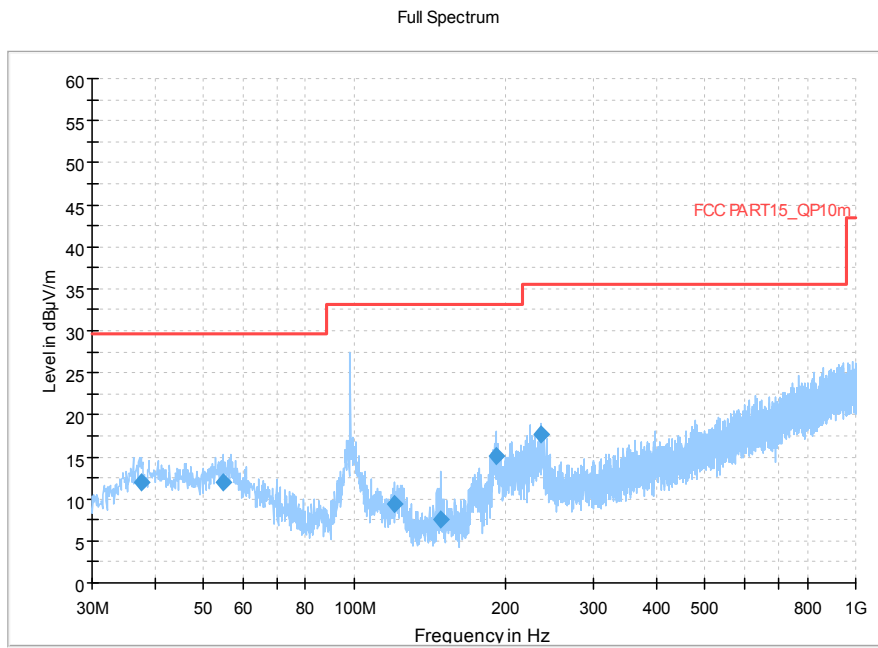


Figure A.3 Radiated Emission from 30MHz to 1GHz

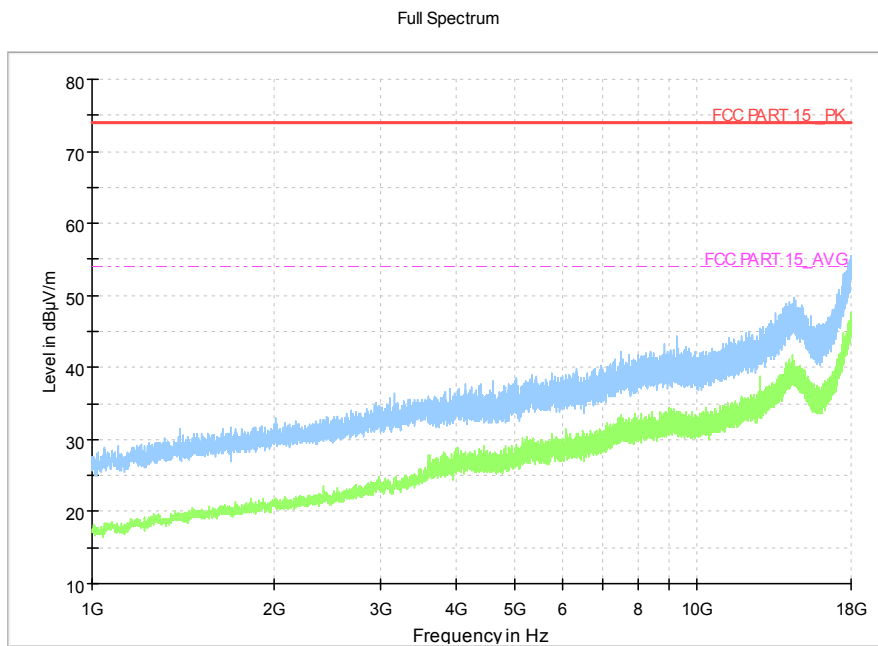


Figure A.4 Radiated Emission from 1GHz to 3GHz

EUT1 USB + SD + Front Camera Mode, Set.3

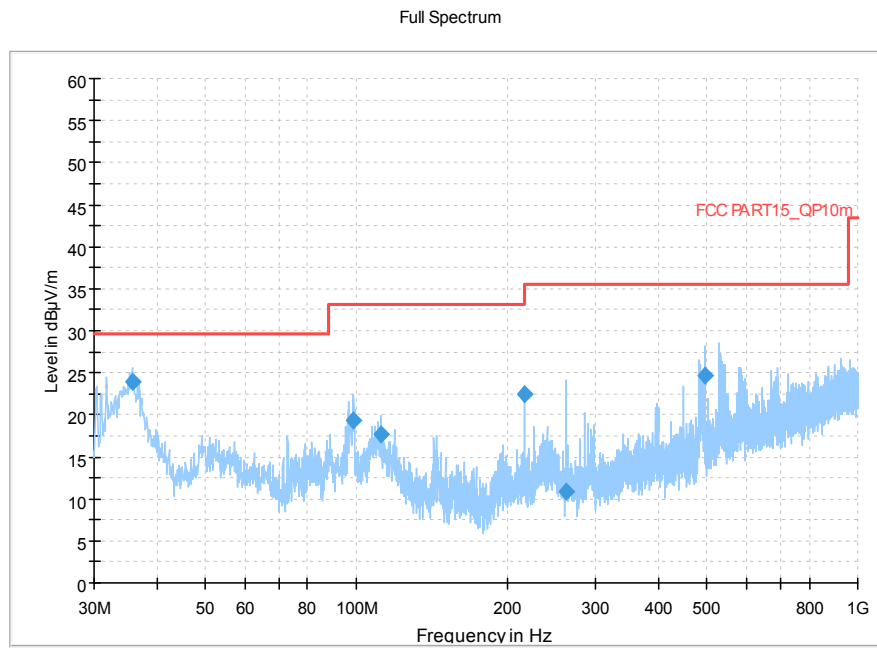


Figure A.5 Radiated Emission from 30MHz to 1GHz

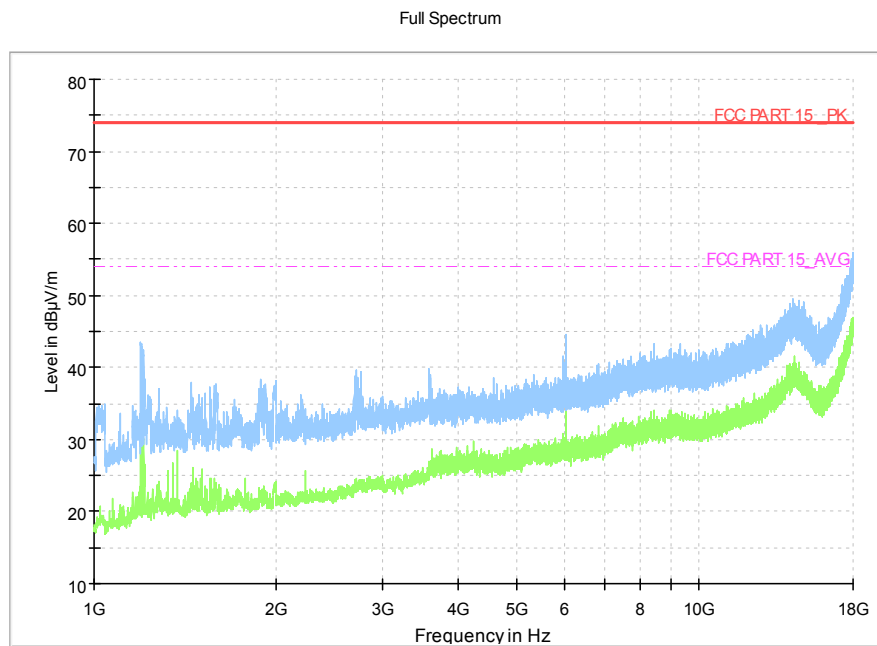


Figure A.6 Radiated Emission from 1GHz to 3GHz

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

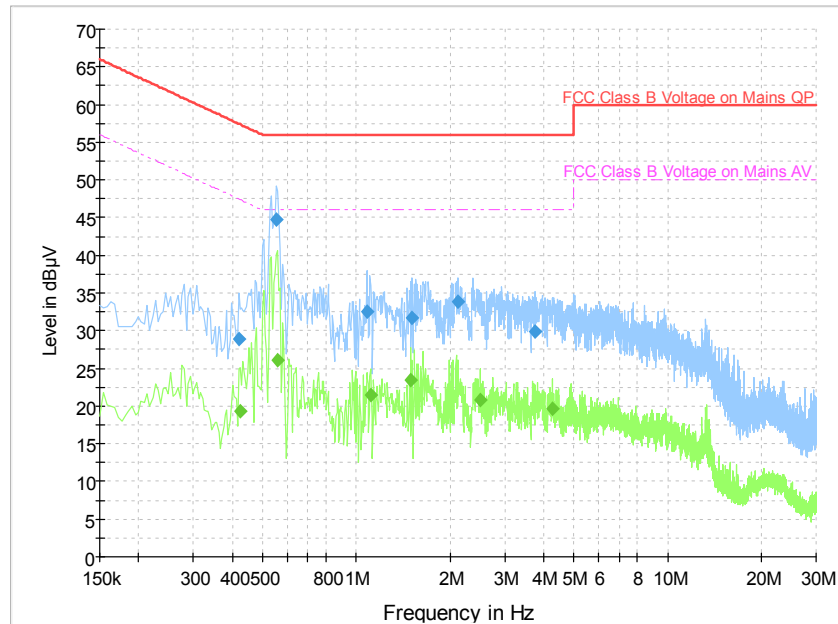


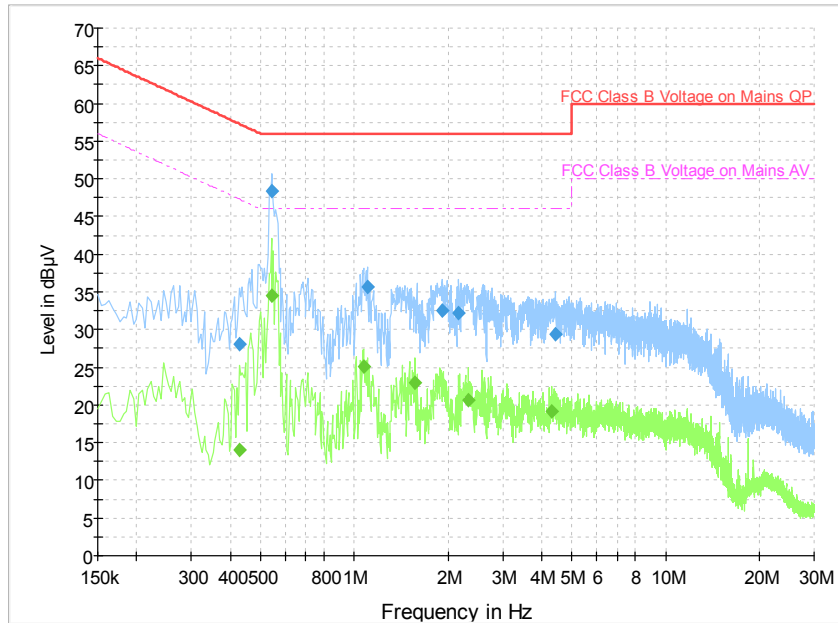
Figure A.7 Conducted Emission

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.420000	29.0	1000.0	9.000	On	L1	19.9	28.5	57.4
0.555000	44.7	1000.0	9.000	On	L1	19.9	11.3	56.0
1.081500	32.5	1000.0	9.000	On	L1	19.5	23.5	56.0
1.509000	31.7	1000.0	9.000	On	L1	19.5	24.3	56.0
2.125500	33.9	1000.0	9.000	On	L1	19.5	22.2	56.0
3.750000	29.9	1000.0	9.000	On	L1	19.5	26.1	56.0

Final Result 2

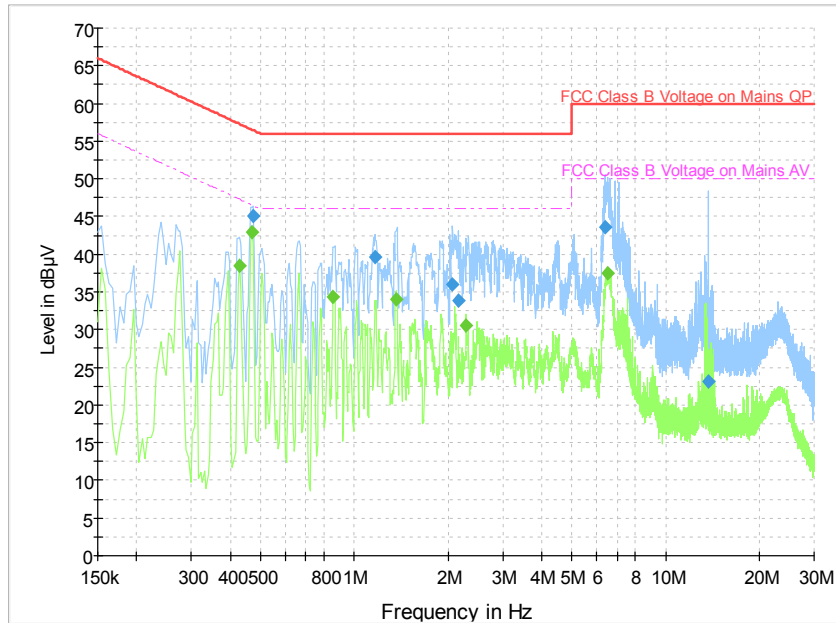
Frequency (MHz)	CAverage (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.424500	19.4	1000.0	9.000	On	L1	19.9	28.0	47.4
0.559500	26.0	1000.0	9.000	On	L1	19.9	20.0	46.0
1.113000	21.5	1000.0	9.000	On	L1	19.5	24.5	46.0
1.495500	23.4	1000.0	9.000	On	L1	19.5	22.6	46.0
2.503500	20.9	1000.0	9.000	On	L1	19.5	25.1	46.0
4.254000	19.6	1000.0	9.000	On	L1	19.6	26.4	46.0

EUT1 Charger+FM 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)
0.429000	28.0	1000.0	9.000	On	L1	19.9	29.3	57.3
0.546000	48.5	1000.0	9.000	On	L1	19.9	7.5	56.0
1.099500	35.6	1000.0	9.000	On	L1	19.5	20.4	56.0
1.914000	32.6	1000.0	9.000	On	L1	19.4	23.4	56.0
2.166000	32.2	1000.0	9.000	On	L1	19.5	23.8	56.0
4.429500	29.4	1000.0	9.000	On	L1	19.6	26.6	56.0

Final Result 2

Frequency (MHz)	CAverage (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.429000	14.0	1000.0	9.000	On	L1	19.9	33.3	47.3
0.541500	34.6	1000.0	9.000	On	L1	19.9	11.4	46.0
1.072500	25.1	1000.0	9.000	On	L1	19.6	20.9	46.0
1.572000	22.9	1000.0	9.000	On	N	19.7	23.1	46.0
2.323500	20.7	1000.0	9.000	On	L1	19.5	25.3	46.0
4.303500	19.1	1000.0	9.000	On	L1	19.6	26.9	46.0

EUT1 USB + SD + Front Camera Mode, Set.3

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)
0.474000	45.0	1000.0	9.000	On	N	20.0	11.5	56.4
1.167000	39.6	1000.0	9.000	On	N	19.8	16.4	56.0
2.071500	35.9	1000.0	9.000	On	L1	19.5	20.1	56.0
2.161500	33.9	1000.0	9.000	On	L1	19.5	22.1	56.0
6.391500	43.6	1000.0	9.000	On	L1	19.5	16.4	60.0
13.717500	23.2	1000.0	9.000	On	N	19.8	36.8	60.0

Final Result 2

Frequency (MHz)	CAverage (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.429000	38.4	1000.0	9.000	On	L1	19.9	8.8	47.3
0.469500	42.9	1000.0	9.000	On	L1	19.9	3.7	46.5
0.856500	34.4	1000.0	9.000	On	N	19.8	11.6	46.0
1.360500	34.1	1000.0	9.000	On	N	19.8	11.9	46.0
2.287500	30.5	1000.0	9.000	On	N	19.8	15.5	46.0
6.522000	37.5	1000.0	9.000	On	L1	19.5	12.5	50.0



ANNEX B: Persons involved in this testing

Test Item	Tester
Conducted Continuous Emission	Yan Hanchen
Radiated Continuous Emission	Zhang Tianli

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