FCC 15B TEST REPORT

No. I21Z70580-EMC01

for

SAMSUNG Electronics Co., Ltd.

Multi-band GSM/WCDMA/LTE/5GNR Phone with Bluetooth,WLAN

Model Name: SM-A226BR/DSN, SM-A226BR/N

FCC ID: ZCASMA226BRN1

with

Hardware Version: REV1.1

Software Version: A226BR.001

Issued Date: 2021-12-17

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: cttl_terminals@caict.ac.cn, website: www.caict.ac.cn

REPORT HISTORY

Report Number	Revision	Description	Issue Date
I21Z70580-EMC01	Rev.0	1st edition	2021-12-17

CONTENTS

1. Test Laboratory

1.1. Introduction & Accreditation

Telecommunication Technology Labs, CAICT is an ISO/IEC 17025:2017 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 (ISED#: 24849). 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℃

Relative Humidity: 20-75%

1.4. Project data

Testing Start Date: 2021-05-17

Testing End Date: 2021-12-15

1.5. Signature

Li Yan

(Prepared this test report)

Zhang Ying

(Reviewed this test report)

Zhang Xia

(Approved this test report)

2. Client Information

2.1. Applicant Information

Company Name:	Samsung Electronics Co., Ltd.
Address	19 Chapin Rd.,Building D Pine Brook, NJ 07058
Contact:	Jenni Chun
Email:	j1.chun@samsung.com
Tel:	+1-201-937-4203

2.2. Manufacturer Information

Company Name:	Samsung Electronics Co., Ltd.
Address	Samsung R5, Maetan dong 129, Samsung ro Youngtong gu, Suwon city 443 742, Korea
Contact:	조성훈 (Sunghoon Cho)
Email:	ggobi.cho@samsung.com
Tel:	+82-10-2722-4159
Fax:	/

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

3.1. About EUT

Description	Multi-band GSM/WCDMA/LTE/5GNR Phone with Bluetooth,WLAN
Model Name	SM-A226BR/DSN, SM-A226BR/N
FCC ID	ZCASMA226BRN1

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	217021801a	/	A226BR.001
EUT2	217058001a	REV1.1	A226BR.001

*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	Charger1	/	/
AE2	Charger2	/	/
AE3	Charger3	/	/
AE4	USB cable1	/	/
AE5	USB cable1	/	/
AE6	USB cable1	/	/
AE7	USB cable1	/	/
AE8	Headset1	/	/
AE9	Headset2	/	/
AE10	battery	/	/

AE1

Model	EP-TA200
Manufacturer	RFTECH
Length of cable	/

AE2

Model	EP-TA200
Manufacturer	Dongwon
Length of cable	/

AE3

Model	EP-TA200
Manufacturer	SOLUM
Length of cable	/

AE4

Model	EP-DR140AWE

Manufacturer	RFTECH Co., Ltd.
Length of cable	/

AE5

Model	EP-DR140AWE
Manufacturer	Ningbo Broad Telecommunication Co., Ltd
Length of cable	/

AE6

Model	EP-DR140AWE
Manufacturer	DONGGUAN KSD CO.,LTD
Length of cable	/

AE7

Model	EP-DR140AWE
Manufacturer	CRESYN HANOI Co.,Ltd
Length of cable	/

AE8

Model	EHS61ASFWE
Manufacturer	WATA ELECTRONICS CO., LTD
Length of cable	/

AE9

Model	EHS61ASFWE
Manufacturer	Dongguan Yongbao Electronics Co. , Ltd.
Length of cable	/

AE10

Model	SCUD-WT-W1
Manufacturer	SCUD(Fujian)Electronic Co.,Ltd.
Capacitance	4900mAh
Nominal voltage	3.85V

*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 + AE4+ AE8 + AE10	Charger1+ R Camera+ Headset1+Idle
Set.2	EUT1 + AE1 + AE5 + AE10	Charger1+ R Camera+Idle
Set.3	EUT1 + AE2 + AE6 + AE10	Charger2+F camera+Idle
Set.4	EUT1 + AE3 + AE7 + AE10	Charger3+MP4+Idle
Set.5	EUT1 + AE1 + AE4+ AE8 + AE10	Charger1+FM+Headset1+Idle
Set.6	EUT1 + AE1 + AE4+ AE9 + AE10	Charger1+FM+Headset2+Idle
Set.7	EUT1 + AE4/AE5/AE6/AE7 + AE8 + AE10	USB SD TO PC + Headset2+Idle
Set.11	EUT2 + AE1 + AE4 + AE8+ AE10	Charger1+ Rear Camera+Headset1
Set.12	EUT2 + AE4 + AE9 + AE10	USB SD TO PC+MP4+ Headset2

Note1：

For the test results, all test configuration and test mode had been tested. But only the worst cases were shown in test report.

Note2：

The device contains receivers which tune and operate between 30MHz-960MHz in the following bands: GSM 850MHz, WCDMA Band5, LTE Band 5, LTE Band 12, LTE Band 26, 5G NR NSA B7-n5 and 5G NR NSA B66-n5. The measurement results showed here are worst cases of different bands.

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.

6.1. Summary of Measurement Results

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	BR	**CTTL(huayuan North Road)**

6.2. Statements

The Equipment under Test (EUT) is a variant model of SM-A226BR/DSN, SM-A226BR/N (FCC ID: ZCASMA226BRN), according to the declaration provided by the manufacturer and FCC KDB publication 484596 D01, Radiated Emission are tested.
For detail differences between two models please refer the Declaration of Changes document.
The initial model report number is I21Z70218-EMC01 (FCC ID: ZCASMA226BRN).

7. Test Equipments Utilized

NO.	Description	TYPE	SERIES NUMBER	MANUFACTURE	CAL DUE DATE	CALIBRATION INTERVAL
1	LISN	ESH3-Z5	825562/028	Rohde & Schwarz	2021-10-15	1 Year
2	Test Receiver	ESCI 3	100344	Rohde & Schwarz	2022-02-23	1 Year
3	Universal Radio Communication Tester	CMW500	116588	R&S	2021-12-07	1 Year
4	Test Receiver	ESU26	100235	Rohde & Schwarz	2022-02-23	1 Year
5	BiLog Antenna	VULB9163	9163-483	Schwarzbeck	2021-08-27	1 Year
6	Dual-Ridge Waveguide Horn Antenna	3115	6914	ETS-Lindgren	2022-02-03	1 Year
7	Signal Generator	SMBV100A	260613	Rohde & Schwarz	2022-01-06	1 Year

Note：Note: the Equipment above is inherited from initial report and all are before CAL. DUE DATE when used.

NO.	Description	TYPE	SERIES NUMBER	MANUFACTURE	CAL DUE DATE	CALIBRATION INTERVAL
1	Test Receiver	ESU 26	103015	R&S	2022-09-03	1 year
2	Test Receiver	ESW 67	103290	R&S	2022-01-22	1 year
3	BiLog Antenna	VULB9163	9163-01223	Schwarzbeck	2022-03-22	1 year
4	EMI Antenna	3115	6914	R&S	2022-02-23	1 year
5	Printer	P1606dn	VNC3L52122	HP	N/A	N/A
6	Keyboard	KU-1601	2048361	Lenovo	N/A	N/A
7	Mouse	EMS-537A	8021S3MC	Lenovo	N/A	N/A
8	PC	M4000e-17	M706RMW2	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 (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 (μV/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.

Limit(10m)=Limit(3m)+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:

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

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

Set.11:

Charger1+ Rear Camera Mode/QP detector

Frequency (MHz)	QuasiPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)
34.753000	10.32	29.54	19.22	276.0	V	210.0
48.527000	11.05	29.54	18.49	295.0	V	210.0
64.532000	9.54	29.54	20.00	183.0	V	210.0
71.419000	9.24	29.54	20.30	107.0	V	-11.0
94.990000	12.44	33.06	20.62	125.0	V	279.0
215.658000	18.55	33.06	14.51	176.0	V	120.0

Charger1 + Rear Camera Mode/Average detector

Frequency (MHz)	Result (dBμV/m)	G_{PL} (dB)	G_A (dB/m)	P_{Mea} (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol.
17589.167	47.2	-29.7	45.2	31.649	54.0	6.8	V
17887.800	46.5	-29.5	46.0	30.080	54.0	7.5	H
17942.767	45.9	-28.9	46.7	28.183	54.0	8.1	V
17944.467	45.7	-28.9	46.7	27.983	54.0	8.3	H
17883.833	45.7	-29.5	46.0	29.280	54.0	8.3	V
17954.100	45.6	-28.9	46.7	27.883	54.0	8.4	H

Charger1 + Rear Camera Mode/Peak detector

Frequency (MHz)	Result (dBμV/m)	G_{PL} (dB)	G_A (dB/m)	P_{Mea} (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol.
17844.733	55.1	-29.3	46.0	38.482	74.0	18.9	V
17983.567	54.9	-29.1	46.7	37.298	74.0	19.1	V
17897.433	54.8	-29.5	46.0	38.380	74.0	19.2	H
17935.967	54.8	-29.4	46.7	37.539	74.0	19.2	V
17887.800	54.7	-29.5	46.0	38.280	74.0	19.3	H
17985.267	54.5	-29.1	46.7	36.898	74.0	19.5	V

Set.12:

USB (SD TO PC) +Headset2+MP4 Mode/QP detector

Frequency (MHz)	QuasiPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)
40.282000	18.83	29.54	10.71	295.0	V	60.0
58.809000	16.55	29.54	12.99	282.0	V	80.0
89.073000	21.34	33.06	11.72	125.0	V	60.0
112.062000	19.81	33.06	13.25	100.0	V	61.0
132.432000	14.74	33.06	18.32	125.0	V	61.0
672.237000	25.07	35.56	10.49	183.0	V	280.0

USB (SD TO PC) +Headset2+MP4 Mode/Average detector

Frequency (MHz)	Result (dBμV/m)	G_{PL} (dB)	G_A (dB/m)	P_{Mea} (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol.
17931.433	46.3	-29.4	46.7	29.039	54.0	7.7	H
17957.500	46.1	-28.9	46.7	28.383	54.0	7.9	V
17989.233	46.1	-29.1	46.7	28.498	54.0	7.9	H
17968.267	45.9	-29.1	46.7	28.301	54.0	8.1	H
17943.900	45.9	-28.9	46.7	28.183	54.0	8.1	H
17921.800	45.9	-29.4	46.7	28.639	54.0	8.1	H

USB (SD TO PC) +Headset2+MP4 Mode/Peak detector

Frequency (MHz)	Result (dBμV/m)	G_{PL} (dB)	G_A (dB/m)	P_{Mea} (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol.
17614.7	55.8	-29.5	45.2	40.072	74.0	18.2	H
17966.0	55.8	-29.1	46.7	38.201	74.0	18.2	V
17580.1	55.5	-29.7	45.2	39.949	74.0	18.5	V
17178.3	55.4	-29.8	42.4	42.817	74.0	18.6	H
17964.9	54.9	-29.1	46.7	37.301	74.0	19.1	V
17831.1	54.5	-29.7	46.0	38.224	74.0	19.5	H

Reference results for Set.3:

EUT1 Charger2 +Front Camera + GSM 850MHz idle Mode/QP detector

Frequency (MHz)	QuasiPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)
52.213000	18.92	29.50	10.62	102.0	V	300.0
54.832000	20.41	29.50	9.13	345.0	V	256.0
65.696000	12.76	29.50	16.78	235.0	V	-17.0
71.419000	10.96	29.50	18.58	125.0	V	300.0
182.872000	12.42	33.10	20.64	125.0	V	-7.0
218.956000	16.55	35.60	19.01	125.0	V	61.0

EUT1 Charger2 +Front Camera + GSM 850MHz idle Mode/Average detector

Frequency (MHz)	Result (dBμV/m)	G_{PL} (dB)	G_A (dB/m)	P_{Mea} (dBμV)	Polarity	Limit (dBμV/m)	Margin (dB)
17998.867	47.1	-29.1	46.7	29.498	V	54	6.90
17990.367	47.0	-29.1	46.7	29.398	V	54	7.00
17974.500	47.0	-29.1	46.7	29.401	V	54	7.00
17989.800	46.6	-29.1	46.7	28.998	H	54	7.40
17953.533	46.5	-28.9	46.7	28.783	V	54	7.50
17971.100	46.4	-29.1	46.7	28.801	H	54	7.60

EUT1 Charger2 +Front Camera + GSM 850MHz idle Mode/Peak detector

Frequency (MHz)	Result (dBμV/m)	G_{PL} (dB)	G_A (dB/m)	P_{Mea} (dBμV)	Polarity	Limit (dBμV/m)	Margin (dB)
17974.500	56.9	-29.1	46.7	39.301	V	74	17.10
17985.267	56.1	-29.1	46.7	38.498	H	74	17.90
17965.433	56.0	-29.1	46.7	38.401	V	74	18.00
17949.000	55.6	-28.9	46.7	37.883	H	74	18.40
17832.833	55.6	-29.7	46.0	39.324	H	74	18.40
17976.200	55.4	-29.1	46.7	37.801	H	74	18.60

Reference results for Set.7:

EUT1 USB(SD TO PC)+Headset2 Mode/QP detector

Frequency (MHz)	QuasiPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)
30.485000	23.59	29.50	5.95	187.0	V	275.0
31.067000	26.49	29.50	3.05	102.0	V	273.0
55.608000	19.88	29.50	9.66	311.0	V	69.0
71.031000	17.42	29.50	12.12	195.0	V	-28.0
98.870000	19.99	33.10	13.07	100.0	V	190.0
495.503000	26.64	35.60	8.92	297.0	V	1.0

EUT1 USB(SD TO PC)+Headset2 Mode/Average detector

Frequency (MHz)	Result (dBμV/m)	G_{PL} (dB)	G_A (dB/m)	P_{Mea} (dBμV)	Polarity	Limit (dBμV/m)	Margin (dB)
17984.133	47.7	-29.1	46.7	30.098	V	54	6.30
17997.733	47.1	-29.1	46.7	29.498	V	54	6.90
17909.900	47.0	-29.3	46.0	30.372	H	54	7.00
17981.867	47.0	-29.1	46.7	29.398	V	54	7.00
17976.767	46.9	-29.1	46.7	29.301	V	54	7.10
17966.000	46.8	-29.1	46.7	29.201	V	54	7.20

EUT1 USB(SD TO PC)+Headset2 Mode/Peak detector

Frequency (MHz)	Result (dBμV/m)	G_{PL} (dB)	G_A (dB/m)	P_{Mea} (dBμV)	Polarity	Limit (dBμV/m)	Margin (dB)
17979.600	56.6	-29.1	46.7	39.001	V	74	17.40
17997.733	55.8	-29.1	46.7	38.198	H	74	18.20
17959.767	55.5	-28.9	46.7	37.783	H	74	18.50
17963.733	55.4	-29.1	46.7	37.801	H	74	18.60
17984.133	55.3	-29.1	46.7	37.698	V	74	18.70
17977.333	55.2	-29.1	46.7	37.601	V	74	18.80

Charger1+ Rear Camera, Set.11

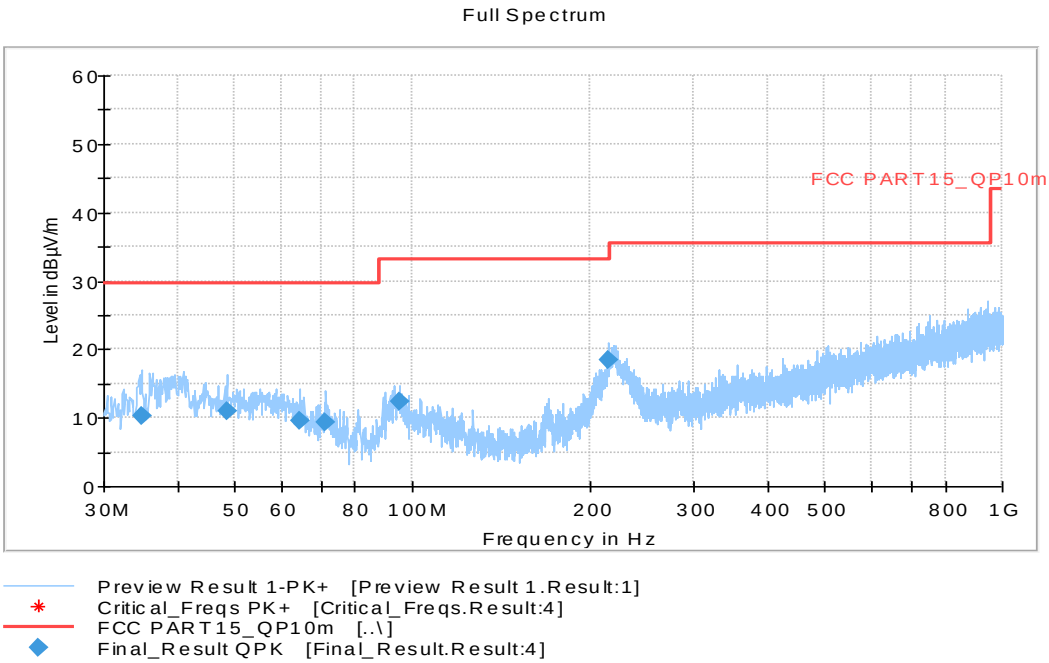

Figure A.1 Radiated Emission from 30MHz to 1GHz

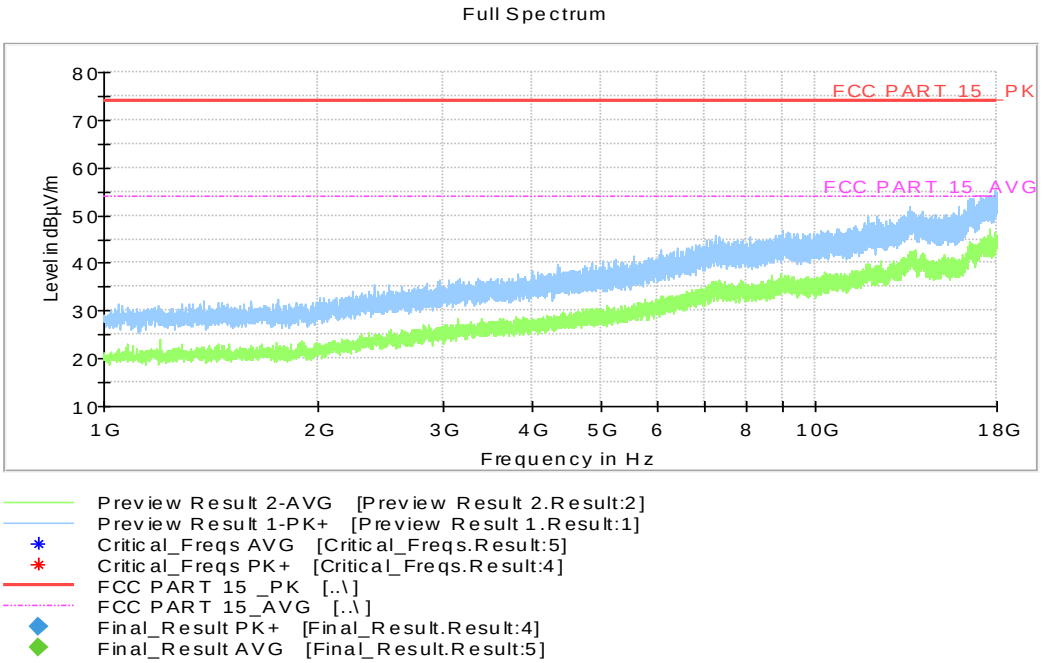

Figure A.2 Radiated Emission from 1GHz to 18GHz

USB (SD TO PC) + MP4, Set.12

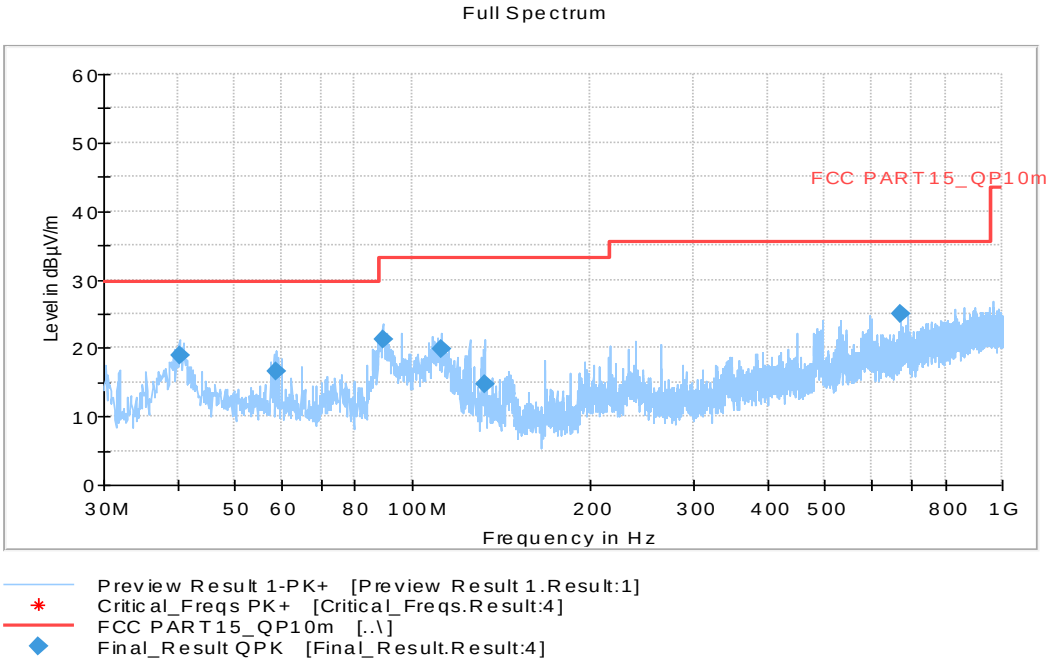

Figure A.3 Radiated Emission from 30MHz to 1GHz

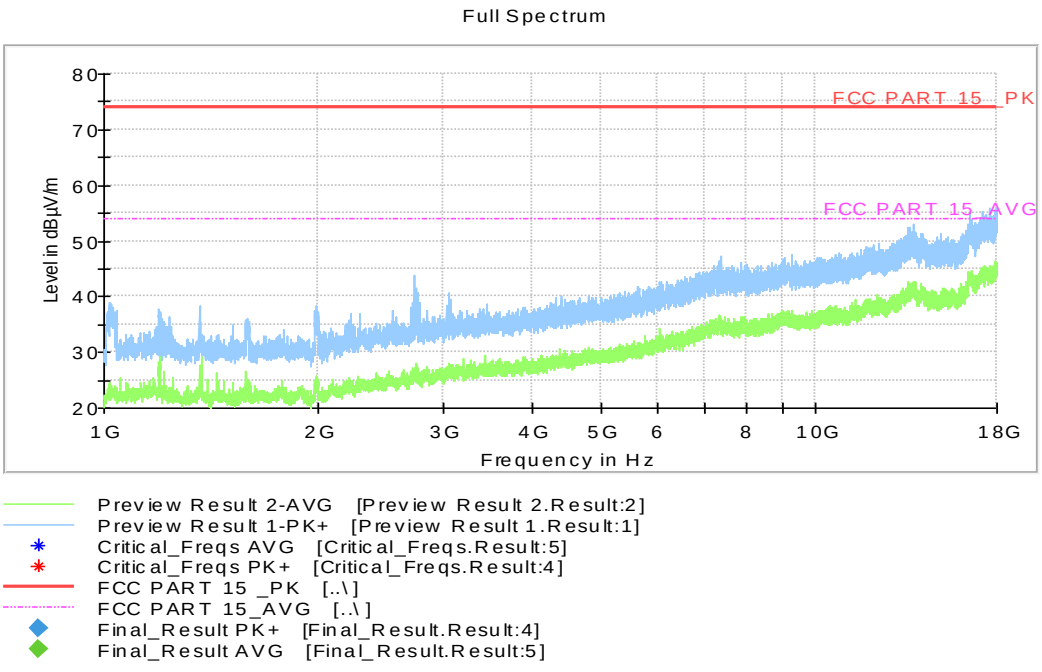

Figure A.4 Radiated Emission from 1GHz to 18GHz

EUT1 Charger2 +Front Camera + GSM 850MHz idle Mode, Set.3

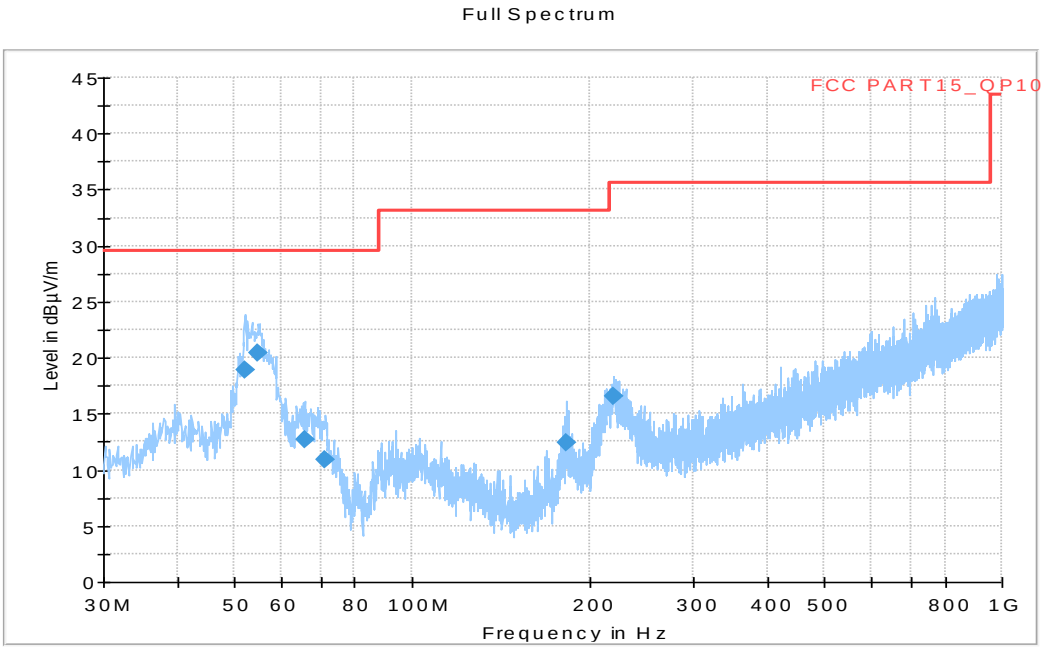

Figure A.5 Radiated Emission from 30MHz to 1GHz

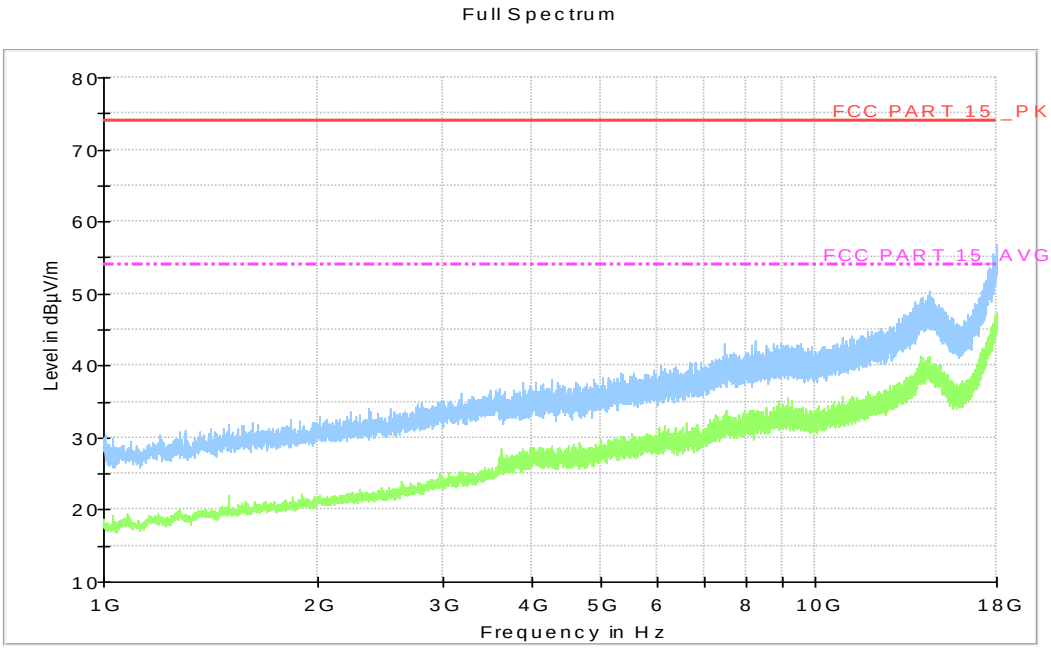

Figure A.6 Radiated Emission from 1GHz to 18GHz

EUT1 USB(SD TO PC)+Headset2 Mode, Set.7

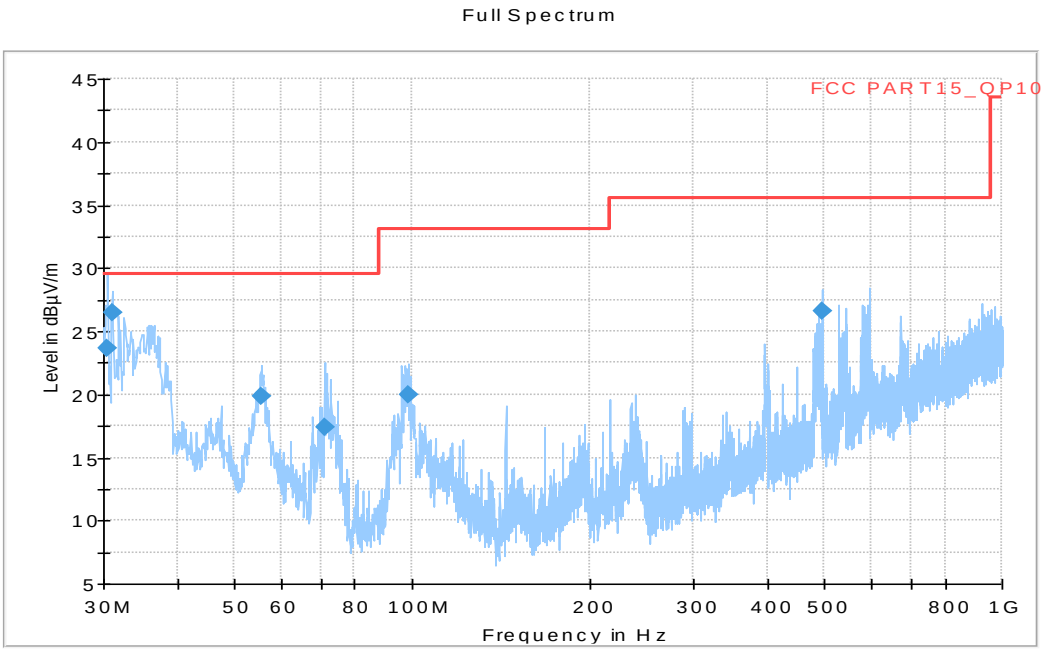

Figure A.7 Radiated Emission from 30MHz to 1GHz

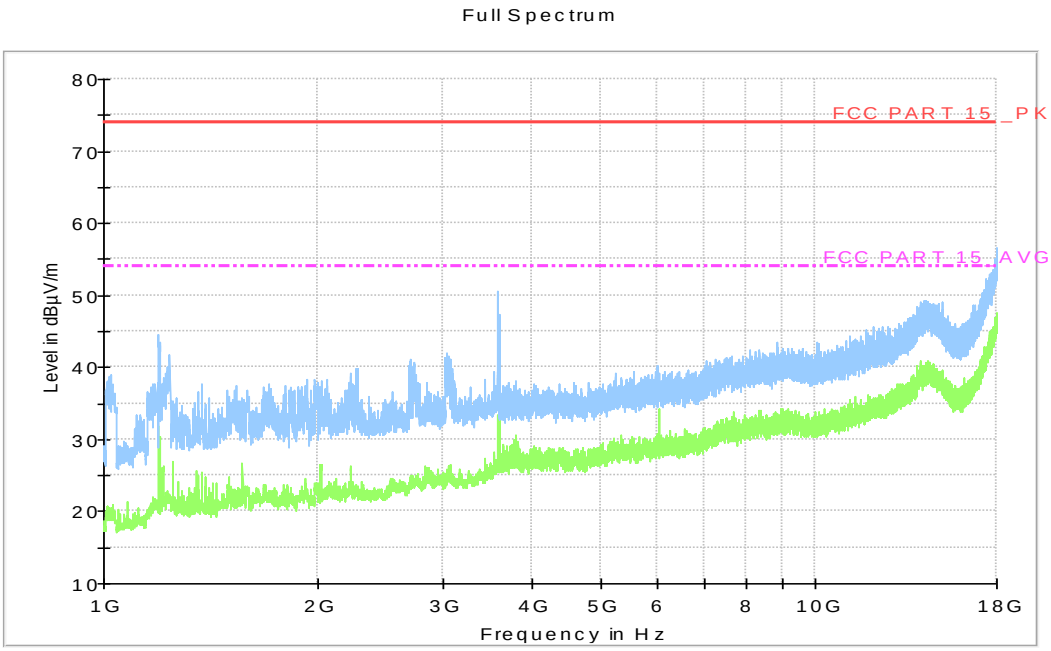

Figure A.8 Radiated Emission from 1GHz to 18GHz

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 charging mode. During the test MS is connected to a charger in the case of charging mode.

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*=3.08dB, *k*=2.

Note:The measurement results showed here are worst cases.

EUT1 Charger2 +Front Camera , Set.3

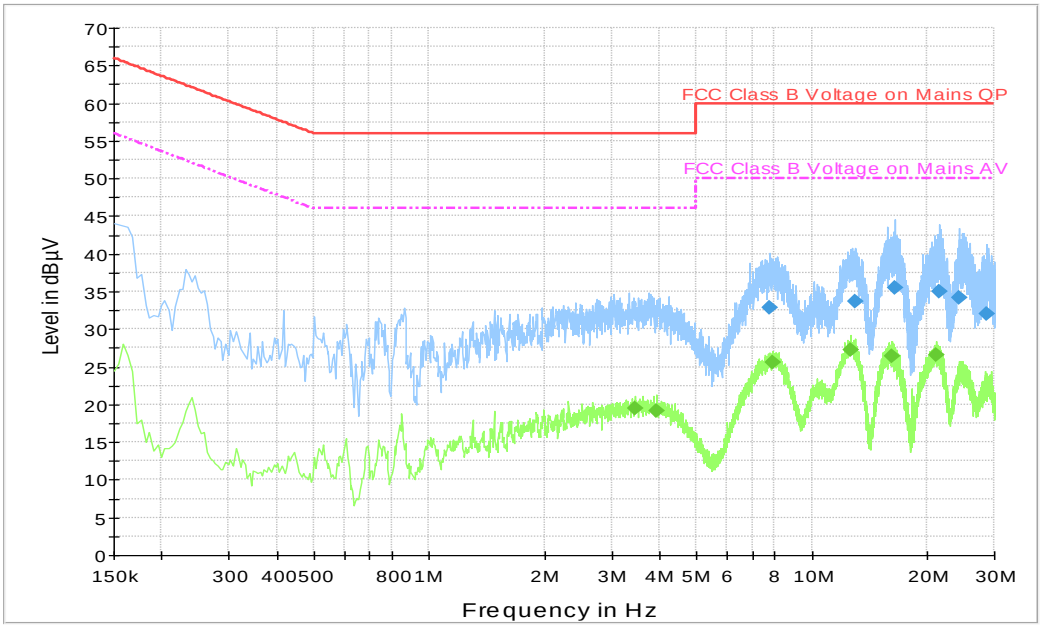

Figure A.9 Conducted Emission

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
7.773000	32.9	N	10.4	27.1	60.0
13.029000	33.6	N	11.1	26.4	60.0
16.444500	35.5	L1	11.6	24.5	60.0
21.484500	34.9	N	12.0	25.1	60.0
24.337500	34.1	L1	12.3	25.9	60.0
28.720500	32.0	L1	12.6	28.0	60.0

Final Result 2

Frequency (MHz)	Average (dBµV)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
3.462000	19.5	N	10.1	26.5	46.0
3.939000	19.2	L1	10.1	26.8	46.0
7.926000	25.5	L1	10.5	24.5	50.0
12.606000	27.3	N	11.0	22.7	50.0
16.147500	26.4	L1	11.6	23.6	50.0
21.169500	26.5	N	12.0	23.5	50.0

EUT1 USB(SD TO PC)+Headset2 Mode, Set.7

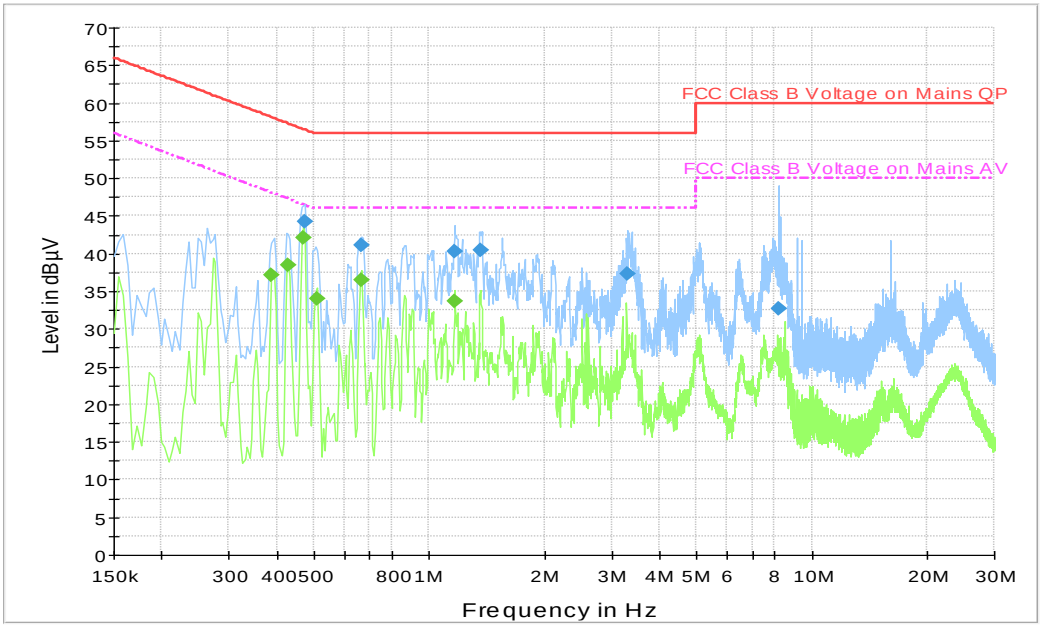

Figure A.10 Conducted Emission

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.474000	44.2	N	10.0	12.3	56.4
0.667500	41.2	L1	9.9	14.8	56.0
1.167000	40.3	L1	10.0	15.7	56.0
1.365000	40.5	L1	10.0	15.5	56.0
3.309000	37.3	N	10.1	18.7	56.0
8.223000	32.8	L1	10.5	27.2	60.0

Final Result 2

Frequency (MHz)	Average (dBµV)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.388500	37.1	N	10.0	11.0	48.1
0.429000	38.5	N	10.0	8.8	47.3
0.469500	42.0	N	10.0	4.5	46.5
0.510000	34.0	N	10.0	12.0	46.0
0.663000	36.4	N	9.9	9.6	46.0
1.167000	33.7	L1	10.0	12.3	46.0

ANNEX B: Persons involved in this testing

Test Item	Tester
Conducted Continuous Emission	Yang Mengke
Radiated Continuous Emission	Zhang Tianli, Ding Zai

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