



FCC 15B TEST REPORT

No. I22Z60151-EMC01

for

Honor Device Co., Ltd.

Smart Phone

Model Name: LGE-NX9

FCC ID: 2AYGCLGE-NX9

with

Hardware Version: HN1LGEHM

Software Version: 6.0.0.108(C900E103R1P3)

Issued Date: 2022-04-20

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
I22Z60151-EMC01	Rev.0	1 st edition	2022-04-15
I22Z60151-EMC01	Rev.1	2 nd edition	2022-04-20

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	43

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℃

Relative Humidity: 20-75%

1.3. Project data

Testing Start Date: 2022-03-01

Testing End Date: 2022-03-25

1.4. Signature



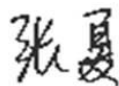
An Hui

(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: Honor Device Co., Ltd.
Address /Post: Shum Yip Sky Park, No. 8089, Hongli West Road, Shenzhen, China
Contact: /
Email: /
Telephone: /

2.2. Manufacturer Information

Company Name: Honor Device Co., Ltd.
Address /Post: Shum Yip Sky Park, No. 8089, Hongli West Road, Shenzhen, China
Contact: /
Email: /
Telephone: /

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

3.1. About EUT

Description	Smart Phone
Model Name	LGE-NX9
FCC ID	2AYGCLGE-NX9

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	867843050023477/867843050024970	HN1LGEHM	6.0.0.108(C900E103R1P3)
EUT2	867843050056592/867843050057699	HN1LGEHM	6.0.0.108(C900E103R1P3)

*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
AE1-1	Adapter	0221945	HN-200500E01
AE1-2	Adapter	02221944	HN-200500B01
AE1-3	Adapter	02221943	HN-200500U01
AE2-1	USB Cable	04072296	L125UC008-CS-H
AE2-2	USB Cable	04072296	AU2-CRO015HF
AE2-3	USB Cable	04072296	RY0001
AE3-1	Headset	22040347	1331-3301-6001-TC-347
AE4-1	Battery	2402AAAD	HB586680EFW
AE4-2	Battery	2402AAAD	HB586680EFW
AE5-1	Wireless Charging	99059XEN	Power-W06

*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.1-1	EUT1 + AE1-2+AE2-1+AE4-1	Charger1+Rear Camera+ RX GSM850
Set.1-2	EUT1 + AE1-2+AE2-2+AE4-1	Charger1+Rear Camera+ RX GSM850
Set.1-3	EUT1 + AE1-2+AE2-3+AE4-1	Charger1+Rear Camera+ RX GSM850
Set.1-4	EUT1 + AE1-2+AE2-2+AE4-1	Charger1+MP4
Set.2-1	EUT1 + AE2-1	USB TO PC + Front Camera
Set.3-1	EUT1 + AE3-1	Headset1+mp4
Set.4-1	EUT1 + AE1-2+AE2-2+AE5-1	Wireless Charging
Set.4-2	EUT1 + AE1-2+AE2-2+EUT2	Reverse Wireless Charging
Set.5	EUT2 + AE2-1	USB TO PC + Front Camera
Set.6	EUT1 + AE1-2 + AE2-2	Black screen, turn off all functions, and turn off all communication

Note1:

All combinations were tested, and only the worst results are shown in this report.

Note2:

The device contains receivers which tune and operate between 30MHz-960MHz in the following bands: GSM 850MHz,WCDMA Band5, LTE Bands 5/12/13/17/26, 5G NR n5/n71. The measurement results showed here are worst cases of different bands.

3.5. General Description

LGE-NX9 is subscriber equipment in the GSM/WCDMA/LTE/NR system. The Mobile Phone implements such functions as RF signal receiving/transmitting, NR/LTE/UMTS and GSM/GPRS/EDGE protocol processing, voice, video MMS service, GPS, AGPS, Wi-Fi etc. dual SIM/single SIM card interface. LGE-NX9 is dual/single SIM smart phone. It also provides Bluetooth module to synchronize data between a PC and the phone, or to use the built-in modem of the phone to access the Internet , or to exchange data with other Bluetooth devices.

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

Samples undergoing test were selected by the Client.

For more EUT information please refers to the manufacturer's specifications or user's manual.

It support:

GSM	850/1900
WCDMA	Bands 2/4/5
LTE	Bands 2/4/5/7/12/13/17/25/26/38/41/66
5G NR	Bands 2/5/7/38/41/66/71

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	MANUFACTU RE	CALIBRATIO N INTERVAL	CAL DUE DATE
1	LISN	ENV216	101200	Rohde & Schwarz	1 year	2022-05-30
2	Test Receiver	ESW44	103023	R&S	1 year	2022-10-28
3	Universal Radio Communication Tester	CMW500	116588	R&S	1 year	2022-12-20
4	Test Receiver	ESCI 7	100344	Rohde & Schwarz	1 year	2023-02-21
5	BiLog Antenna	VULB9163	9163-01223	Schwarzbeck	1 year	2022-03-22
6	EMI Antenna	3115	00167250	ETS-Lindgren	1 year	2022-07-01
7	Universal Radio Communication Tester	MT8821C	6262257899	Anritsu	1 year	2022-05-06
8	Universal Radio Communication Tester	MT8000A	6262261933	Anritsu	1 year	2022-05-06

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.

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

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:

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

Where

G_A : Antenna factor of receive antenna

G_{PL} : Path Loss

P_{Mea} : Measurement result on receiver.

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

UT set-up No.	Combination of EUT and AE	Remarks
Set.1-1	EUT1 + AE1-2+AE2-1+AE4-1	Charger1+Rear Camera+ RX GSM850
Set.1-2	EUT1 + AE1-2+AE2-2+AE4-1	Charger1+Rear Camera+ RX GSM850
Set.1-3	EUT1 + AE1-2+AE2-3+AE4-1	Charger1+Rear Camera+ RX GSM850
Set.1-4	EUT1 + AE1-2+AE2-2+AE4-1	Charger1+MP4
Set.2-1	EUT1 + AE2-1	USB TO PC + Front Camera
Set.3-1	EUT1 + AE3-1	Headset1+mp4
Set.4-1	EUT1 + AE1-2+AE2-2+AE5-1	Wireless Charging
Set.4-2	EUT1 + AE1-2+AE2-2+EUT2	Reverse Wireless Charging
Set.5	EUT2 + AE2-1	USB TO PC + Front Camera
Set.6	EUT1 + AE1-2 + AE2-2	Black screen, turn off all functions, and turn off all communication

Measurement results for Set.1-1:
EUT1 Charger1+Rear Camera+GSM 850 RX Mode/QP detector

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
46.005000	10.21	29.54	19.33	2000.0	120.000	402.0	H	242.0
52.213000	10.14	29.54	19.40	2000.0	120.000	95.0	V	120.0
67.345000	9.97	29.54	19.57	2000.0	120.000	283.0	V	60.0
83.835000	10.18	29.54	19.36	2000.0	120.000	225.0	V	242.0
165.315000	16.05	33.06	17.01	2000.0	120.000	175.0	V	-8.0
915.028000	20.58	35.56	14.98	2000.0	120.000	225.0	V	-30.0

EUT1 Charger1+Rear Camera+GSM 850 RX Mode/Average detector

Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver eading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17993.540	40.1	-29.1	46.7	22.5	54.0	13.9	V
17974.500	40.1	-29.1	46.7	22.5	54.0	13.9	V
17143.200	40.0	-29.9	42.4	27.5	54.0	14.0	V
17928.260	40.0	-29.4	46.7	22.7	54.0	14.0	H
17856.860	40.0	-29.3	46.0	23.4	54.0	14.0	V
17955.800	40.0	-28.9	46.7	22.3	54.0	14.0	H

EUT1 Charger1+Rear Camera+GSM 850 RX 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)
17973.480	51.7	-29.1	46.7	34.1	74.0	22.3	V
17146.600	51.6	-29.9	42.4	39.1	74.0	22.4	H
17854.820	51.6	-29.3	46.0	35.0	74.0	22.4	H
17993.540	51.4	-29.1	46.7	33.8	74.0	22.6	H
17779.680	51.3	-29.6	46.0	35.0	74.0	22.7	V
17956.140	51.3	-28.9	46.7	33.6	74.0	22.7	H

Measurement results for Set.1-2:
EUT1 Charger1+Rear Camera+GSM 850 RX Mode/QP detector

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
46.490000	10.59	29.54	18.95	2000.0	120.000	103.0	V	190.0
60.555000	14.11	29.54	15.43	2000.0	120.000	225.0	V	-1.0
84.029000	18.66	29.54	10.88	2000.0	120.000	125.0	V	300.0
167.740000	16.36	33.06	16.70	2000.0	120.000	103.0	V	191.0
761.380000	18.62	35.56	16.94	2000.0	120.000	102.0	H	300.0
974.295000	20.46	43.52	23.06	2000.0	120.000	125.0	H	240.0

EUT1 Charger1+Rear Camera+GSM 850 RX Mode/Average detector

Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver eading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17944.580	39.9	-28.9	46.7	22.2	54.0	14.1	V
17935.060	39.9	-29.4	46.7	22.6	54.0	14.1	H
17939.480	39.9	-29.4	46.7	22.6	54.0	14.1	H
17856.860	39.8	-29.3	46.0	23.2	54.0	14.2	H
17996.260	39.8	-29.1	46.7	22.2	54.0	14.2	H
17944.920	39.8	-28.9	46.7	22.1	54.0	14.2	H

EUT1 Charger1+Rear Camera+GSM 850 RX 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)
17952.100	51.5	-28.9	46.7	33.8	74.0	22.5	V
17926.600	51.4	-29.4	46.7	34.1	74.0	22.6	V
17686.900	51.3	-30.0	45.2	36.0	74.0	22.7	V
17741.600	51.3	-29.6	46.0	35.0	74.0	22.7	V
17960.200	51.2	-29.1	46.7	33.6	74.0	22.8	V
17953.100	51.2	-28.9	46.7	33.5	74.0	22.8	V

Measurement results for Set.1-3:
EUT1 Charger1+Rear Camera+GSM 850 RX Mode/QP detector

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
55.220000	10.56	29.54	18.98	2000.0	120.000	95.0	V	280.0
58.324000	9.56	29.54	19.98	2000.0	120.000	275.0	V	242.0
80.537000	10.60	29.54	18.94	2000.0	120.000	125.0	V	241.0
164.248000	16.11	33.06	16.95	2000.0	120.000	95.0	V	-10.0
169.195000	15.01	33.06	18.05	2000.0	120.000	103.0	V	-9.0
894.852000	20.35	35.56	15.21	2000.0	120.000	125.0	H	120.0

EUT1 Charger1+Rear Camera+GSM 850 RX Mode/Average detector

Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver eading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17796.340	40.2	-29.9	46.0	24.1	54.0	13.8	H
17989.460	40.1	-29.1	46.7	22.5	54.0	13.9	H
17845.980	40.0	-29.3	46.0	23.4	54.0	14.0	V
17923.500	39.9	-29.4	46.7	22.6	54.0	14.1	H
17954.100	39.9	-28.9	46.7	22.2	54.0	14.1	H
17923.160	39.8	-29.4	46.7	22.5	54.0	14.2	V

EUT1 Charger1+Rear Camera+GSM 850 RX 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)
17477.760	51.5	-30.1	44.4	37.2	74.0	22.5	H
17818.780	51.5	-29.6	46.0	35.2	74.0	22.5	V
17609.340	51.4	-29.5	45.2	35.7	74.0	22.6	V
17833.740	51.3	-29.7	46.0	35.0	74.0	22.7	H
17786.820	51.2	-29.9	46.0	35.1	74.0	22.8	H
16954.840	51.2	-30.2	41.5	39.9	74.0	22.8	H

Measurement results for Set.2-1:
EUT1 PC TO USB +Front Camera Mode/QP detector

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
34.171000	18.42	29.54	11.12	2000.0	120.000	95.0	V	280.0
68.703000	15.62	29.54	13.92	2000.0	120.000	183.0	V	62.0
183.454000	20.53	33.06	12.53	2000.0	120.000	302.0	H	150.0
215.949000	17.65	33.06	15.41	2000.0	120.000	102.0	V	210.0
481.535000	27.04	35.56	8.52	2000.0	120.000	275.0	V	-9.0
672.916000	30.03	35.56	5.53	2000.0	120.000	175.0	V	-9.0

EUT1 PC TO USB +Front Camera Mode/Average detector

Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver eading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17943.560	40.0	-28.9	46.7	22.3	54.0	14.0	H
17958.520	39.8	-28.9	46.7	22.1	54.0	14.2	H
17861.280	39.8	-29.4	46.0	23.2	54.0	14.2	V
17940.160	39.5	-28.9	46.7	21.8	54.0	14.5	H
17941.520	39.5	-28.9	46.7	21.8	54.0	14.5	V
17969.740	39.5	-29.1	46.7	21.9	54.0	14.5	H

EUT1 PC TO USB +Front Camera 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)
17956.480	51.0	-28.9	46.7	33.3	74.0	23.0	V
17731.060	51.0	-29.7	45.2	35.4	74.0	23.0	V
17869.440	50.9	-29.4	46.0	34.3	74.0	23.1	V
17551.540	50.9	-29.5	44.4	36.0	74.0	23.1	H
17894.260	50.9	-29.5	46.0	34.5	74.0	23.1	H
17958.860	50.9	-28.9	46.7	33.2	74.0	23.1	H

Measurement results for Set.3-1:
EUT1 Headset1 +MP4 Mode/QP detector

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
44.259000	9.70	29.54	19.84	2000.0	120.000	297.0	H	-7.0
55.899000	10.04	29.54	19.50	2000.0	120.000	95.0	H	174.0
104.787000	7.70	33.06	25.36	2000.0	120.000	130.0	V	15.0
224.000000	8.74	35.56	26.82	2000.0	120.000	300.0	H	182.0
344.571000	11.83	35.56	23.73	2000.0	120.000	287.0	V	75.0
695.323000	17.07	35.56	18.49	2000.0	120.000	278.0	V	89.0

EUT1 Headset1 +MP4 Mode/Average detector

Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver eading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17941.860	40.2	-28.9	46.7	22.5	54.0	13.8	H
17135.720	39.9	-29.7	42.4	27.2	54.0	14.1	H
17989.460	39.9	-29.1	46.7	22.3	54.0	14.1	V
17949.680	39.9	-28.9	46.7	22.2	54.0	14.1	H
17981.300	39.8	-29.1	46.7	22.2	54.0	14.2	V
17971.440	39.7	-29.1	46.7	22.1	54.0	14.3	H

EUT1 Headset1 +MP4 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)
17947.300	51.8	-28.9	46.7	34.1	74.0	22.2	H
17778.660	51.2	-29.6	46.0	34.9	74.0	22.8	V
17810.280	51.2	-29.6	46.0	34.9	74.0	22.8	V
17957.160	51.2	-28.9	46.7	33.5	74.0	22.8	H
17971.440	51.1	-29.1	46.7	33.5	74.0	22.9	H
17571.940	51.1	-29.8	45.2	35.6	74.0	22.9	H

Measurement results for Set.4-1:
EUT1 Wireless Charging + Front Camera Mode/QP detector

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
36.790000	8.86	29.54	20.68	2000.0	120.000	225.0	V	300.0
56.287000	12.69	29.54	16.85	2000.0	120.000	283.0	V	300.0
85.387000	13.34	29.54	16.20	2000.0	120.000	125.0	V	300.0
165.121000	14.97	33.06	18.09	2000.0	120.000	95.0	V	10.0
191.990000	19.82	33.06	13.24	2000.0	120.000	175.0	V	151.0
210.517000	17.32	33.06	15.74	2000.0	120.000	95.0	V	152.0

EUT1 Wireless Charging + Front Camera Mode/Average detector

Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver eading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17940.500	39.8	-28.9	46.7	22.1	54.0	14.2	V
17968.720	39.7	-29.1	46.7	22.1	54.0	14.3	H
17939.140	39.7	-29.4	46.7	22.4	54.0	14.3	V
17883.380	39.7	-29.5	46.0	23.3	54.0	14.3	H
17958.180	39.7	-28.9	46.7	22.0	54.0	14.3	V
17984.360	39.6	-29.1	46.7	22.0	54.0	14.4	V

EUT1 Wireless Charging + Front Camera 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)
17766.420	52.2	-29.6	46.0	35.9	74.0	21.8	V
17912.960	51.2	-29.3	46.0	34.6	74.0	22.8	V
17999.660	51.2	-29.1	46.7	33.6	74.0	22.8	V
17950.020	51.2	-28.9	46.7	33.5	74.0	22.8	H
17841.560	51.2	-29.3	46.0	34.6	74.0	22.8	H
17552.560	51.1	-29.5	44.4	36.2	74.0	22.9	H

Measurement results for Set.4-2:
EUT1 Reverse Wireless Charging + Front Camera Mode/QP detector

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
56.093000	16.63	29.54	12.91	2000.0	120.000	285.0	V	115.0
83.544000	16.47	29.54	13.07	2000.0	120.000	110.0	V	4.0
125.642000	18.61	33.06	14.45	2000.0	120.000	186.0	V	34.0
144.751000	16.88	33.06	16.18	2000.0	120.000	108.0	V	82.0
160.659000	23.84	33.06	9.22	2000.0	120.000	110.0	V	60.0
195.870000	16.73	33.06	16.33	2000.0	120.000	110.0	V	12.0

EUT1 Reverse Wireless Charging + Front Camera Mode/Average detector

Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver eading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17970.080	43.9	-29.1	46.7	26.3	10.1	54.0	H
17979.600	43.8	-29.1	46.7	26.2	10.2	54.0	H
17947.640	43.8	-28.9	46.7	26.1	10.2	54.0	H
17956.140	43.8	-28.9	46.7	26.1	10.2	54.0	V
17991.840	43.8	-29.1	46.7	26.2	10.2	54.0	V
17976.540	43.8	-29.1	46.7	26.2	10.2	54.0	V

EUT1 Reverse Wireless Charging + Front Camera 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)
17912.960	55.5	-29.3	46.0	38.9	74	18.5	H
17985.040	55.5	-29.1	46.7	37.9	74	18.5	H
17918.060	55.4	-29.3	46.7	38.1	74	18.6	V
17878.960	55.2	-29.4	46.0	38.6	74	18.8	H
17362.160	55.2	-30.0	43.4	41.8	74	18.8	V
17986.740	55.1	-29.1	46.7	37.5	74	18.9	H

Measurement results for Set.5:
EUT2 USB Mode/QP detector

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
215.949000	21.95	33.06	11.11	2000.0	120.000	95.0	V	170.0
403.159000	24.93	35.56	10.63	2000.0	120.000	95.0	V	100.0
482.893000	25.11	35.56	10.45	2000.0	120.000	275.0	V	-7.0
552.054000	23.41	35.56	12.15	2000.0	120.000	175.0	H	80.0
595.316000	29.53	35.56	6.03	2000.0	120.000	225.0	V	-10.0
673.886000	30.09	35.56	5.47	2000.0	120.000	175.0	V	-28.0

EUT2 USB Mode/Average detector

Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver eading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17377.120	39.6	-30.0	43.4	26.2	54.0	14.4	V
17861.280	39.5	-29.4	46.0	22.9	54.0	14.5	H
17993.880	39.5	-29.1	46.7	21.9	54.0	14.5	H
17800.080	39.5	-29.6	46.0	23.2	54.0	14.5	H
17969.060	39.4	-29.1	46.7	21.8	54.0	14.6	H
17976.200	39.4	-29.1	46.7	21.8	54.0	14.6	H

EUT2 USB Mode 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)
17150.000	51.1	-29.9	42.4	38.6	74.0	22.9	V
17927.920	51.0	-29.4	46.7	33.7	74.0	23.0	V
17879.980	51.0	-29.4	46.0	34.4	74.0	23.0	V
17051.740	51.0	-30.0	42.4	38.7	74.0	23.0	V
17832.380	50.9	-29.7	46.0	34.6	74.0	23.1	V
17860.260	50.9	-29.4	46.0	34.3	74.0	23.1	H

Measurement results for Set.6:
EUT1 Charger1 + Black screen + Turn off all functions + Turn off all communication
Mode/QP detector

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
38.148000	11.02	29.54	18.52	2000.0	120.000	125.0	V	240.0
54.735000	14.40	29.54	15.14	2000.0	120.000	95.0	V	210.0
83.447000	17.99	29.54	11.55	2000.0	120.000	125.0	V	242.0
158.428000	15.54	33.06	17.52	2000.0	120.000	103.0	V	-11.0
212.263000	11.43	33.06	21.63	2000.0	120.000	95.0	V	120.0
342.922000	11.80	35.56	23.76	2000.0	120.000	175.0	H	300.0

EUT1 Charger1 + Black screen + Turn off all functions + Turn off all communication
Mode/Average detector

Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver eading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17863.320	40.9	-29.4	46.0	24.3	54.0	13.1	V
17959.540	40.7	-28.9	46.7	23.0	54.0	13.3	H
17987.080	40.5	-29.1	46.7	22.9	54.0	13.5	V
17943.560	40.5	-28.9	46.7	22.8	54.0	13.5	V
17955.460	40.5	-28.9	46.7	22.8	54.0	13.5	H
17980.280	40.5	-29.1	46.7	22.9	54.0	13.5	V

EUT1 Charger1 + Black screen + Turn off all functions + Turn off all communication
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)
17455.320	53.0	-29.9	44.4	38.5	74.0	21.0	V
17867.740	52.5	-29.4	46.0	35.9	74.0	21.5	V
17955.460	52.2	-28.9	46.7	34.5	74.0	21.8	V
17998.980	51.9	-29.1	46.7	34.3	74.0	22.1	V
17162.240	51.8	-29.8	42.4	39.2	74.0	22.2	V
17369.640	51.8	-30.0	43.4	38.4	74.0	22.2	H

EUT1 Charger1+Rear Camera+GSM 850 RX Mode,Set.1-1

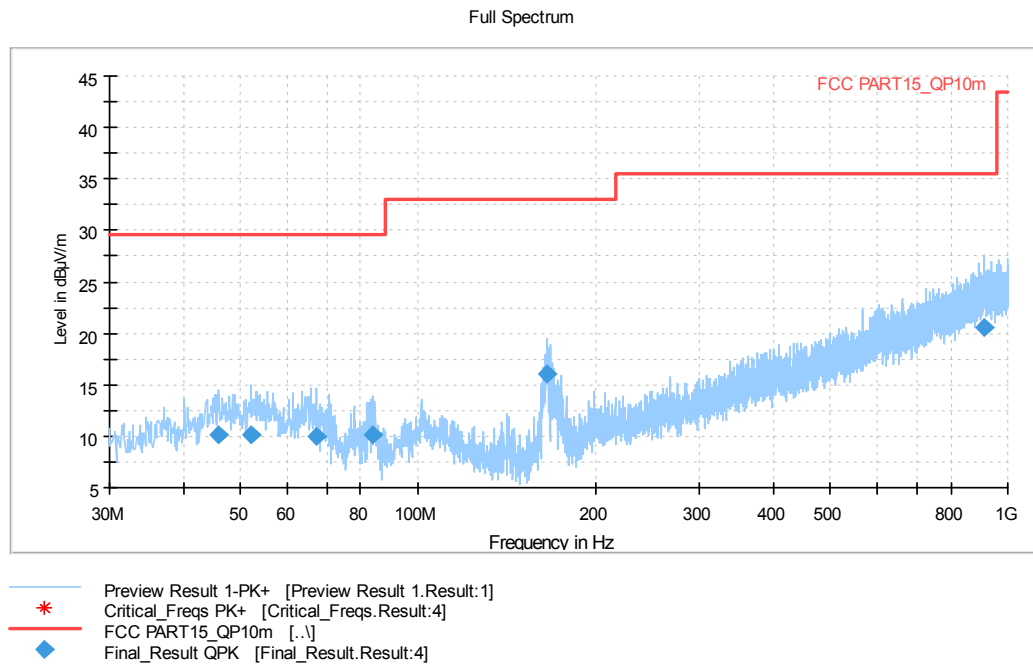


Figure A.1 Radiated Emission from 30MHz to 1GHz

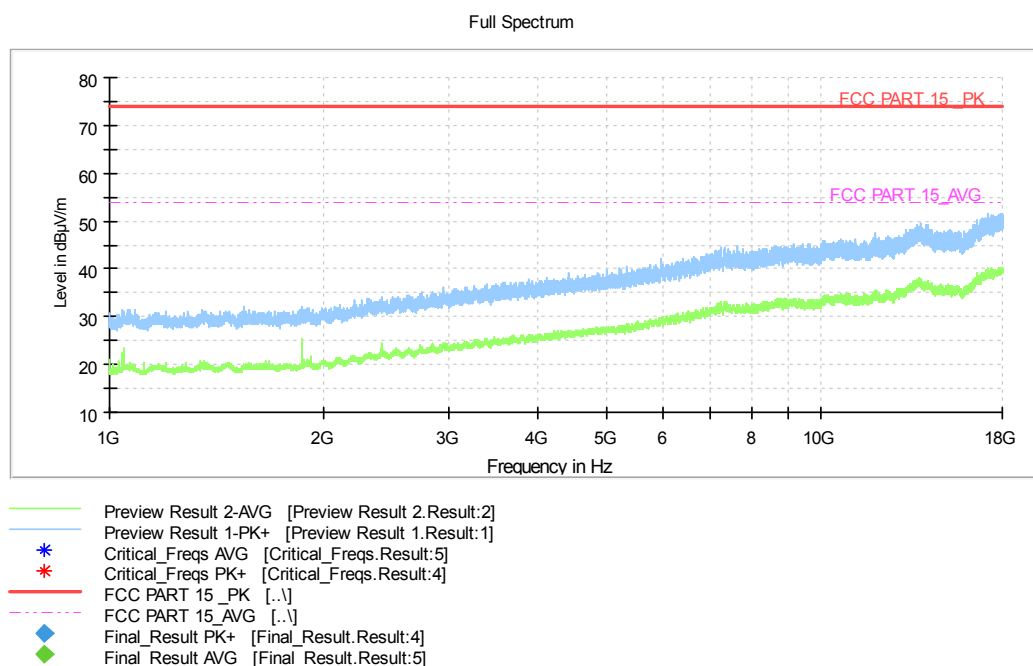


Figure A.2 Radiated Emission from 1GHz to 18GHz

EUT1 Charger1+Rear Camera+GSM 850 RX Mode,Set.1-2

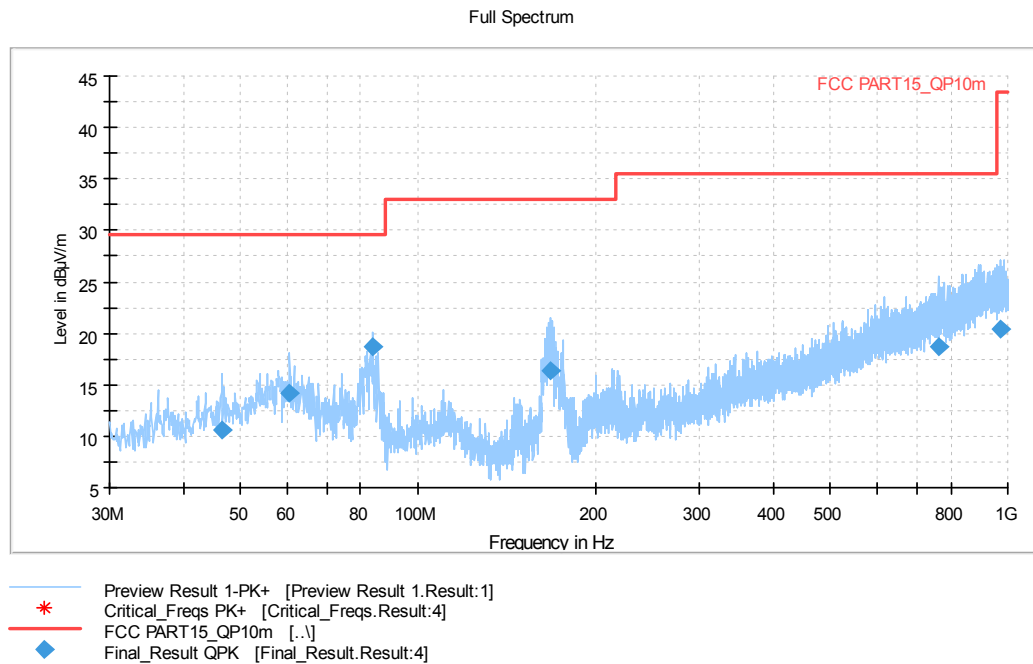


Figure A.3 Radiated Emission from 30MHz to 1GHz

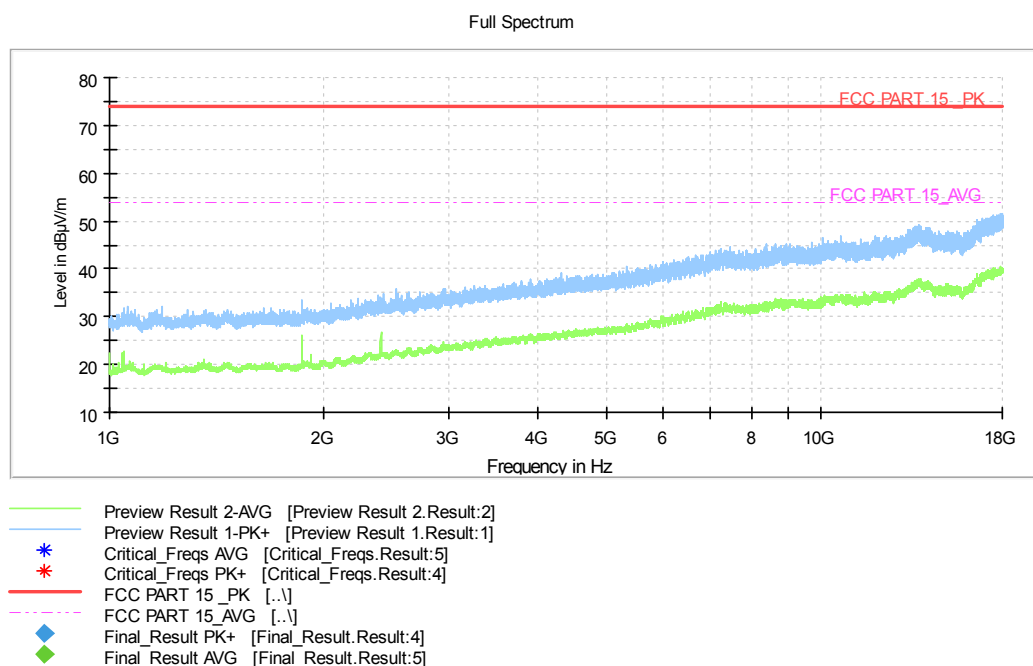


Figure A.4 Radiated Emission from 1GHz to 18GHz

EUT1 Charger1+Rear Camera+GSM 850 RX Mode,Set.1-3

Full Spectrum

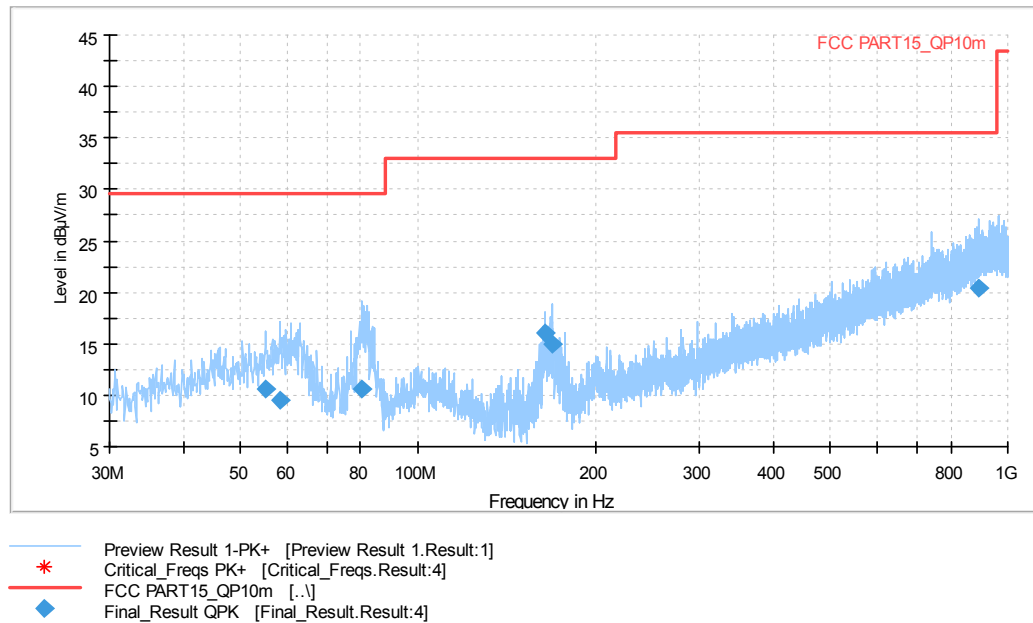


Figure A.5 Radiated Emission from 30MHz to 1GHz

Full Spectrum

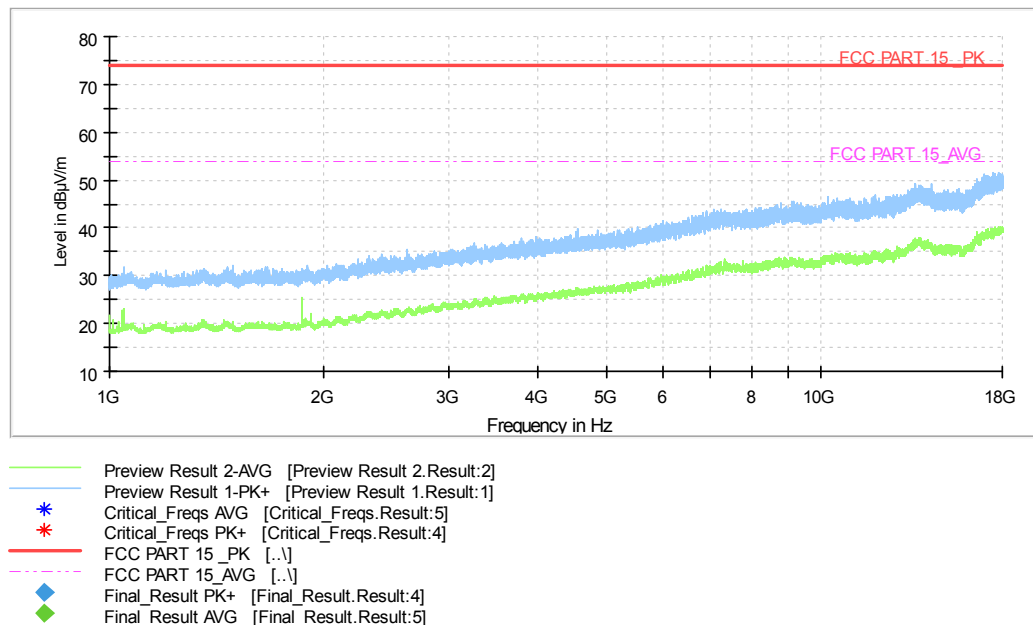


Figure A.6 Radiated Emission from 1GHz to 18GHz

EUT1 PC TO USB +Front Camera Mode,Set.2-1

Full Spectrum

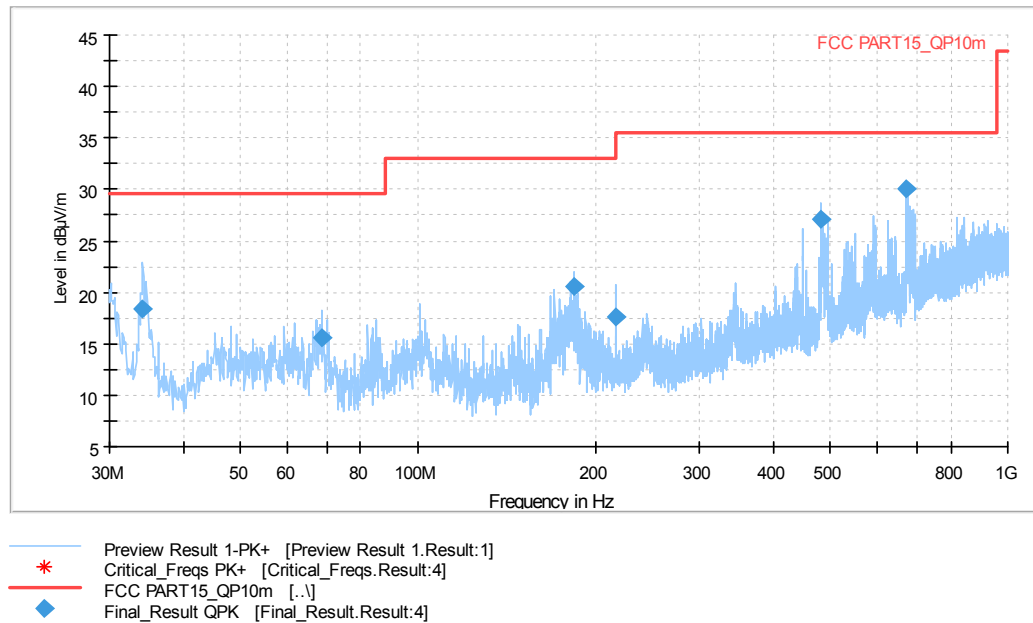


Figure A.7 Radiated Emission from 30MHz to 1GHz

Full Spectrum

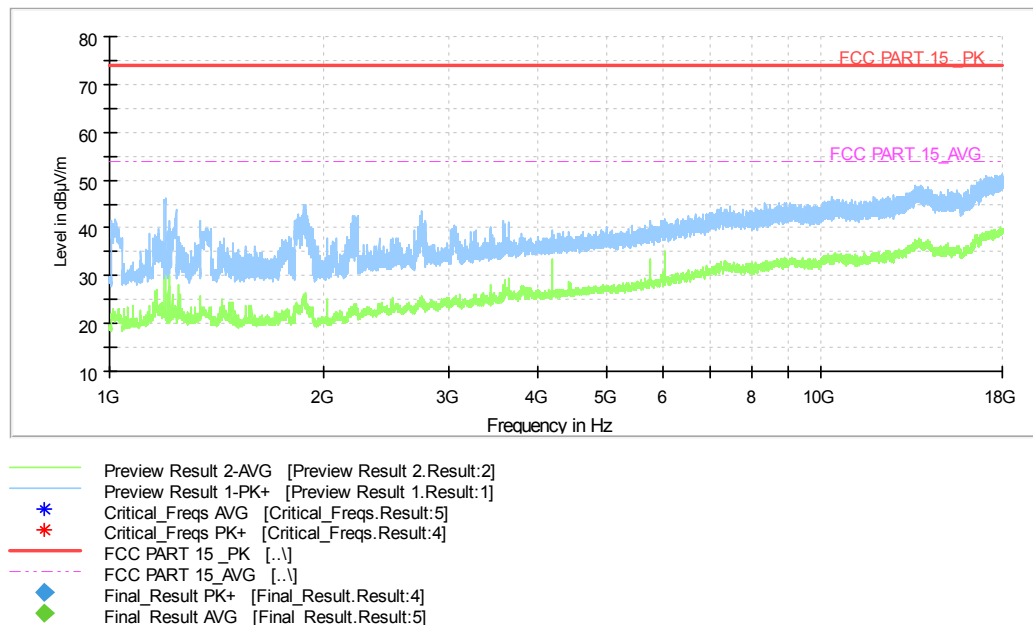


Figure A.8 Radiated Emission from 1GHz to 18GHz

EUT1 Headset1 +MP4 Mode,Set.3-1

Full Spectrum

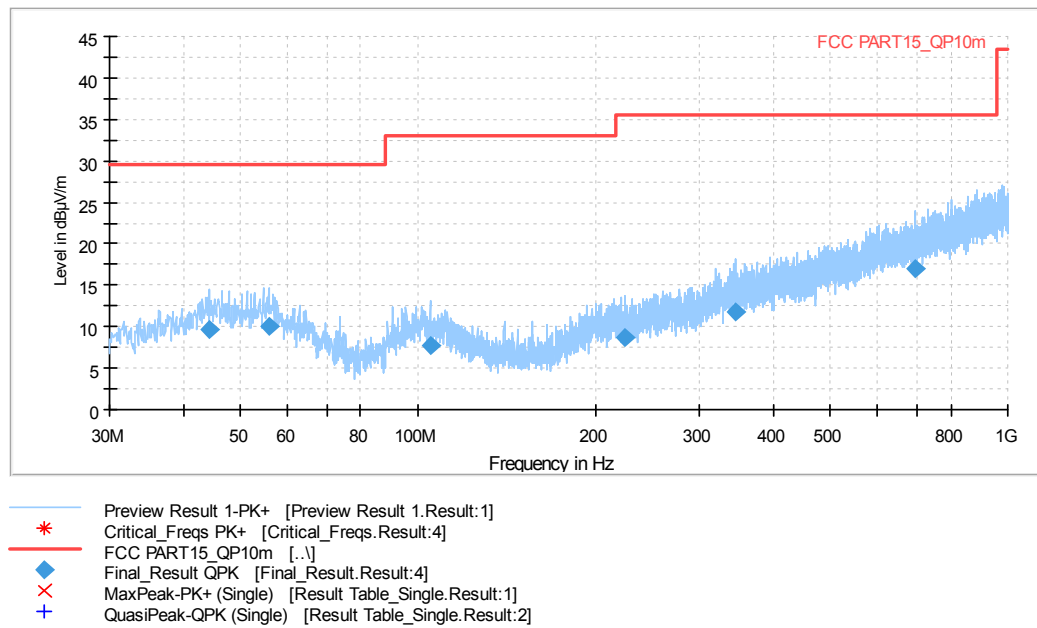


Figure A.9 Radiated Emission from 30MHz to 1GHz

Full Spectrum

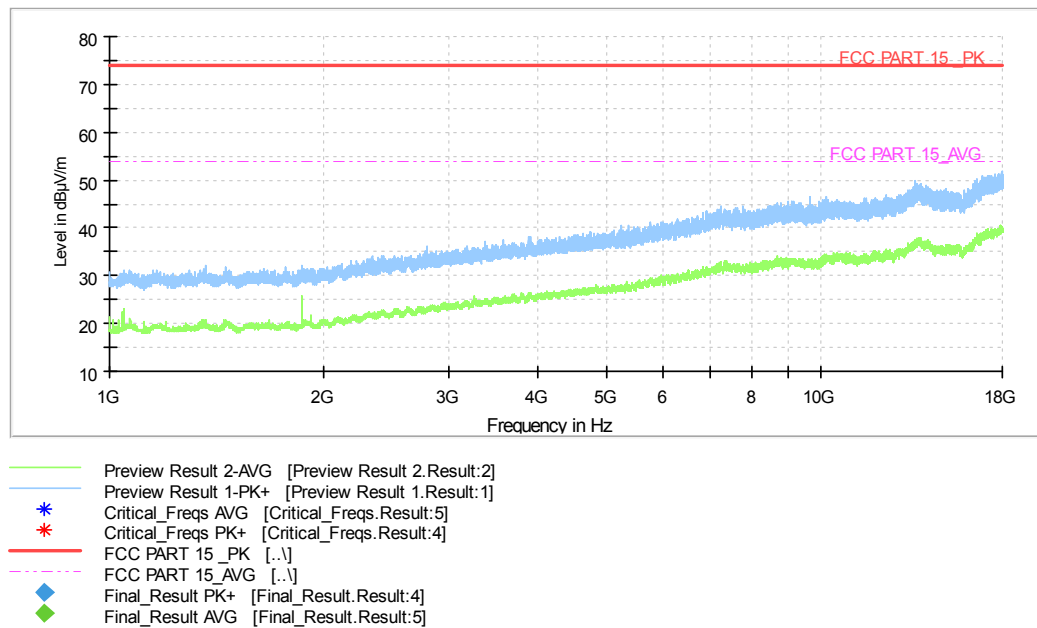


Figure A.10 Radiated Emission from 1GHz to 18GHz

EUT1 Wireless Charging + Front Camera Mode,Set.4-1

Full Spectrum

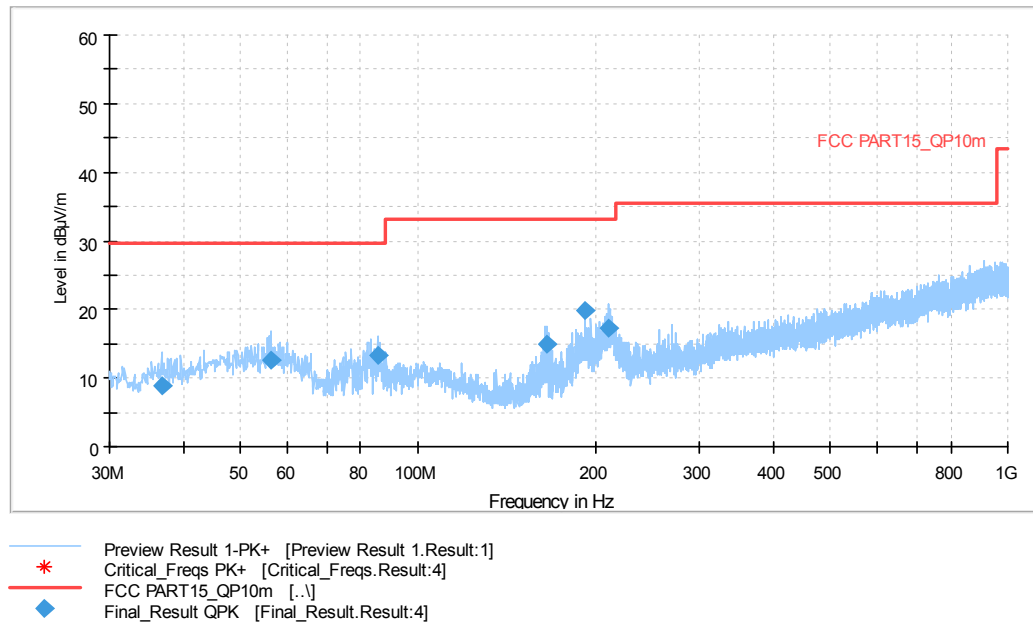


Figure A.15 Radiated Emission from 30MHz to 1GHz

Full Spectrum

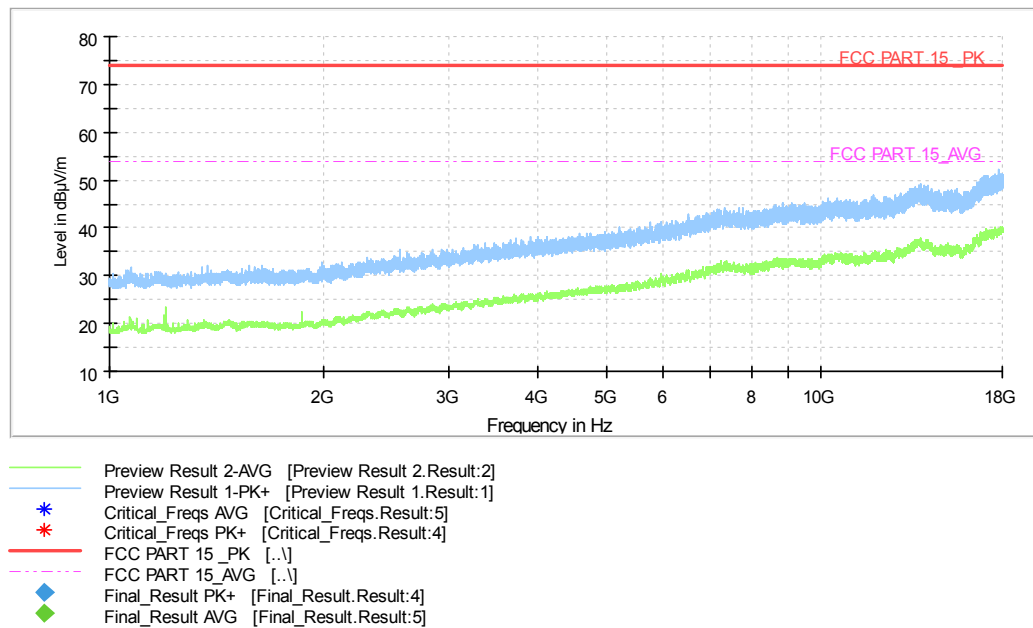


Figure A.16 Radiated Emission from 1GHz to 18GHz

EUT1 Reverse Wireless Charging + Front Camera Mode,Set.4-2

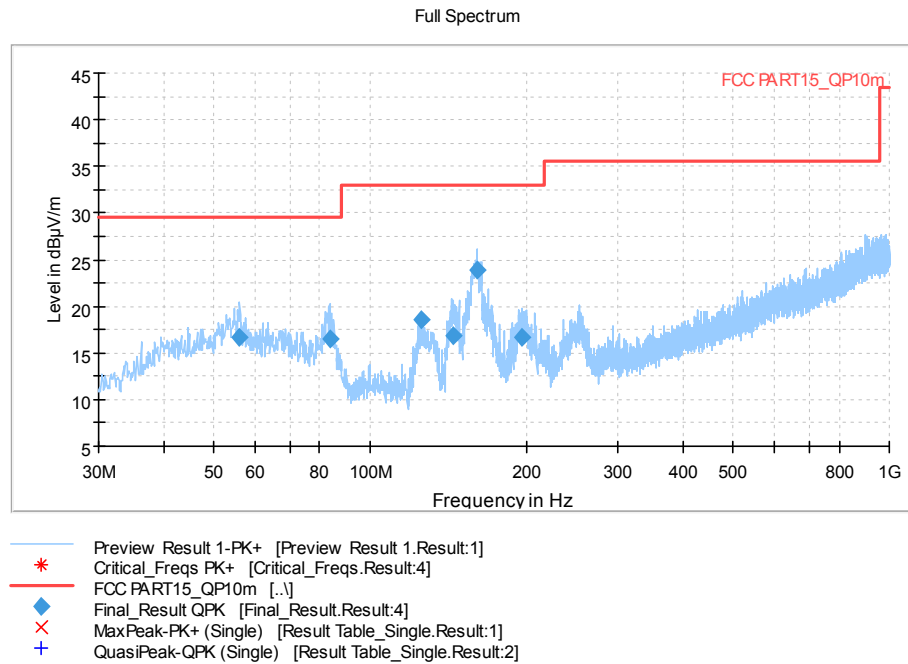


Figure A.15 Radiated Emission from 30MHz to 1GHz

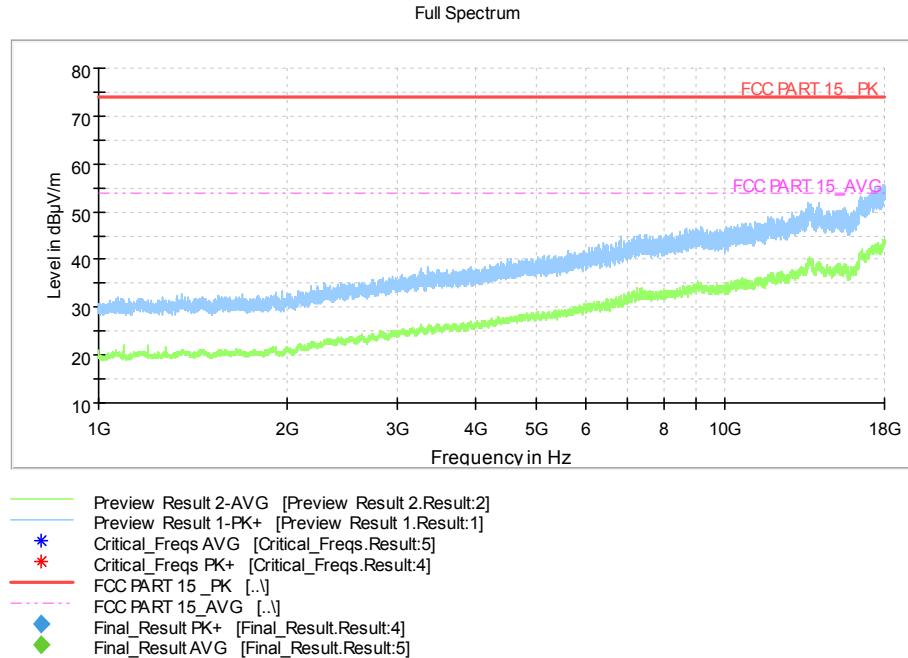


Figure A.16 Radiated Emission from 1GHz to 18GHz

EUT2 USB Mode, Set.5

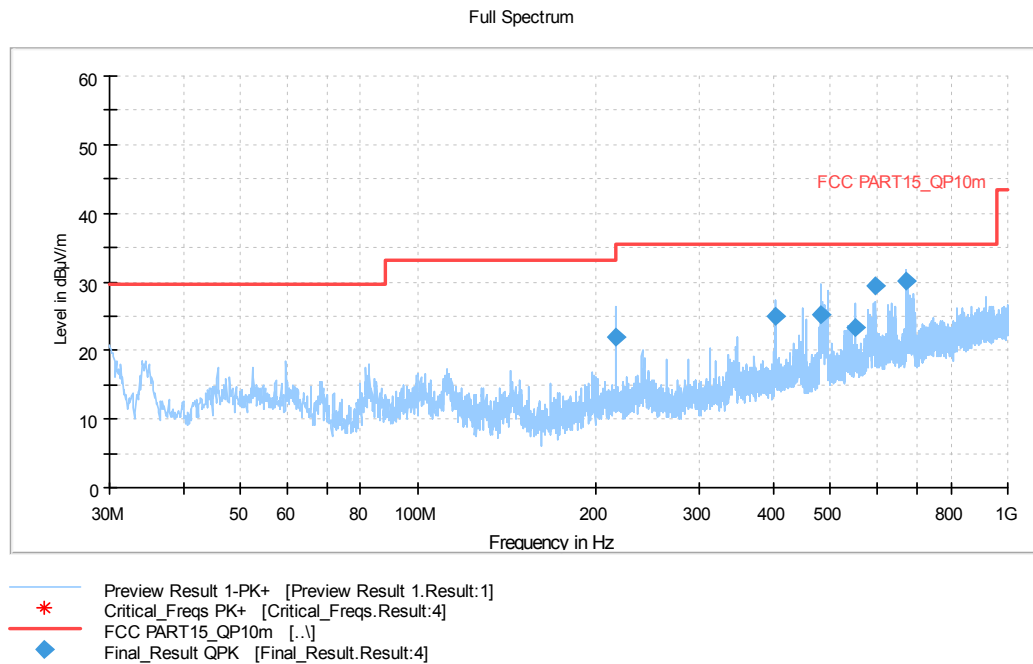


Figure A.17 Radiated Emission from 30MHz to 1GHz

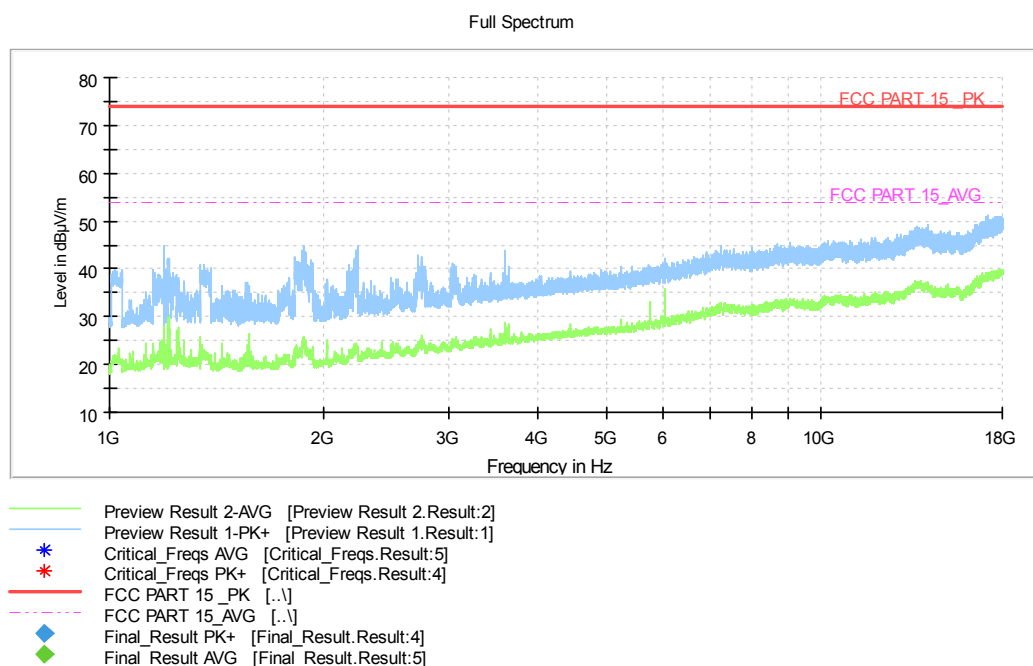


Figure A.18 Radiated Emission from 1GHz to 18GHz

**EUT1 Charger1 + Black screen + Turn off all functions + Turn off all communication Mode,
Set.6**

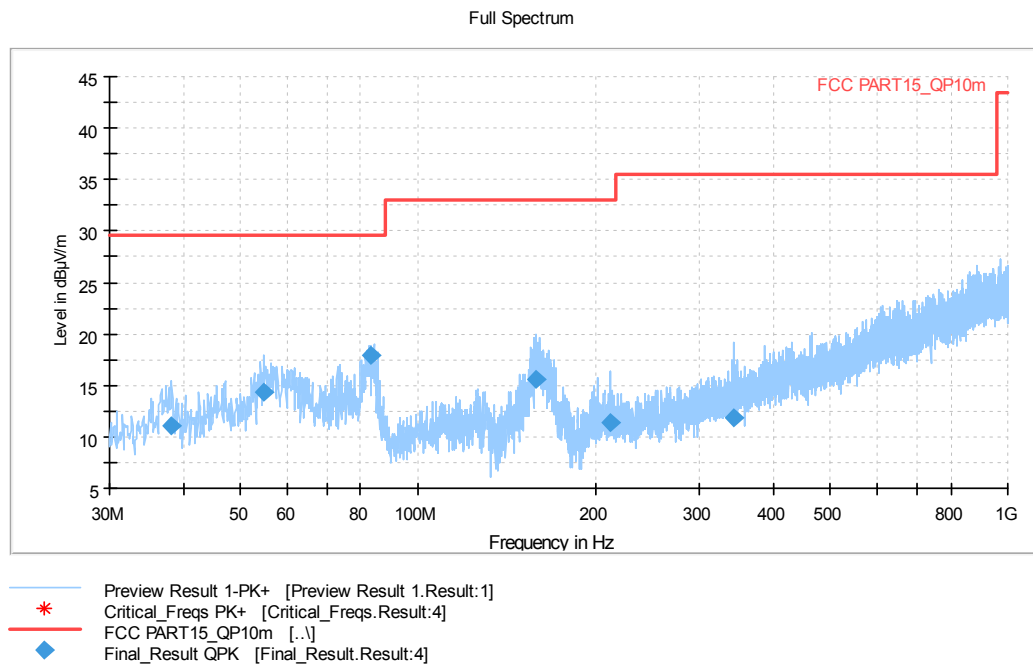


Figure A.19 Radiated Emission from 30MHz to 1GHz

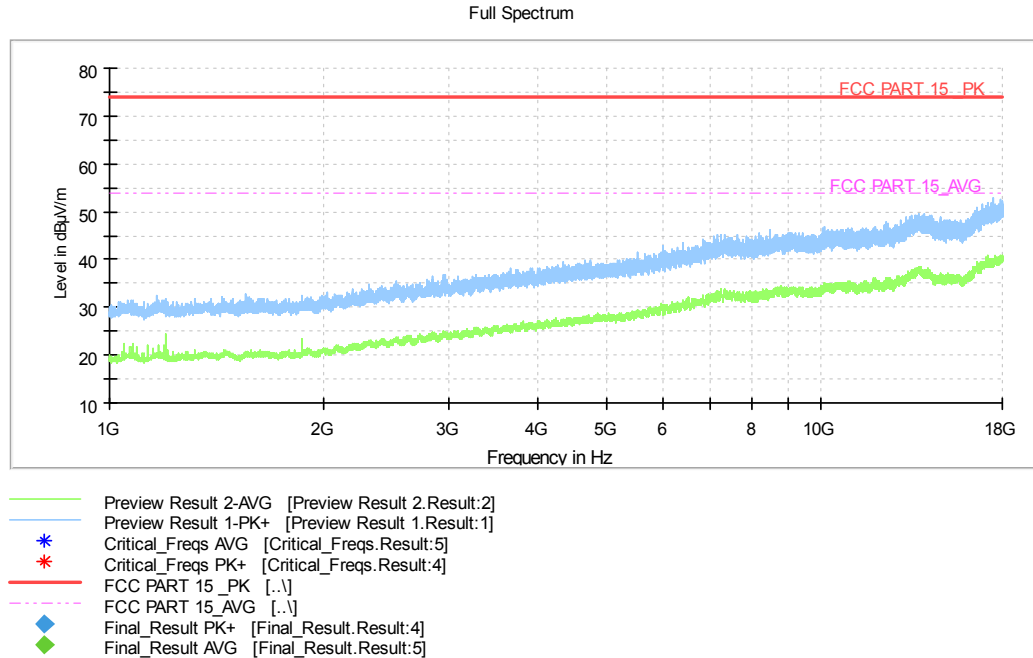


Figure A.20 Radiated Emission from 1GHz to 18GHz

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

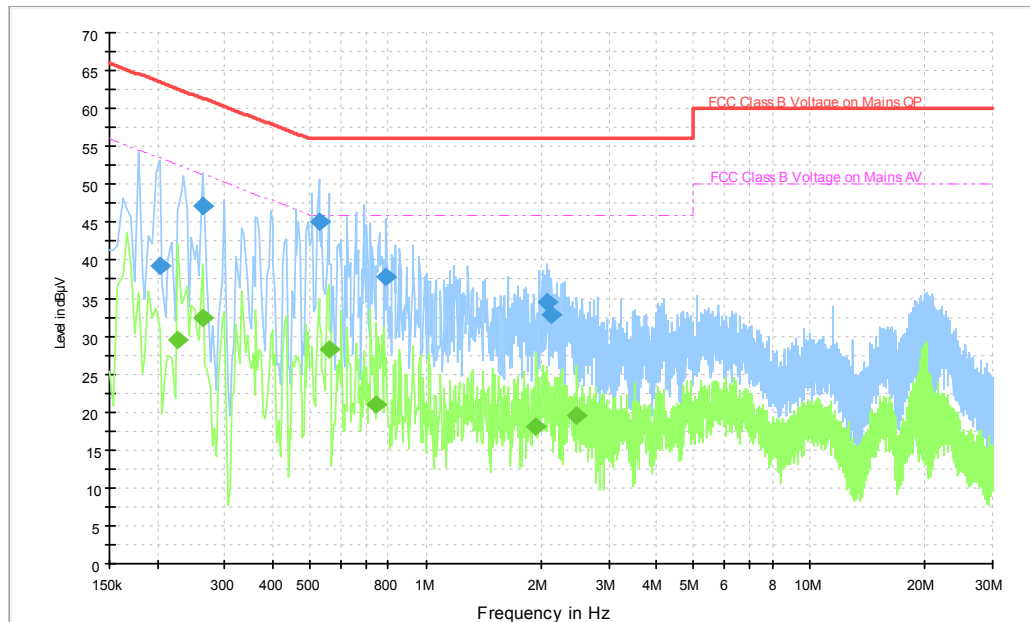
A.2.5 Measurement Results

Measurement uncertainty: $U=3.08\text{dB}$, $k=2$.

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.

UT set-up No.	Combination of EUT and AE	Remarks
Set.1-1	EUT1 + AE1-2+AE2-1+AE4-1	Charger1+Rear Camera+ RX GSM850
Set.1-2	EUT1 + AE1-2+AE2-2+AE4-1	Charger1+Rear Camera+ RX GSM850
Set.1-3	EUT1 + AE1-2+AE2-3+AE4-1	Charger1+Rear Camera+ RX GSM850
Set.1-4	EUT1 + AE1-2+AE2-2+AE4-1	Charger1+MP4
Set.2-1	EUT1 + AE2-1	USB TO PC + Front Camera
Set.3-1	EUT1 + AE3-1	Headset1+mp4
Set.4-1	EUT1 + AE1-2+AE2-2+AE5-1	Wireless Charging
Set.4-2	EUT1 + AE1-2+AE2-2+EUT2	Reverse Wireless Charging
Set.5	EUT2 + AE2-1	USB TO PC + Front Camera
Set.6	EUT1 + AE1-2 + AE2-2	Black screen, turn off all functions, and turn off all communication

EUT1 Charger1+Rear Camera+GSM 850 RX Mode,Set.1-1(EUT1, AE1-2, AE2-1, AE4-1)

Figure A.21 Conducted Emission
Final Result 1

Frequency (MHz)	QuasiPeak (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.202000	39.2	5000.0	9.000	On	N	19.8	24.4	63.5
0.262000	47.2	5000.0	9.000	On	N	19.8	14.2	61.4
0.526000	45.1	5000.0	9.000	On	N	20.0	10.9	56.0
0.790000	37.9	5000.0	9.000	On	N	19.8	18.1	56.0
2.070000	34.5	5000.0	9.000	On	N	19.7	21.5	56.0
2.130000	32.7	5000.0	9.000	On	N	19.8	23.3	56.0

Final Result 2

Frequency (MHz)	CAverage (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.226000	29.6	5000.0	9.000	On	L1	20.0	23.0	52.6
0.262000	32.3	5000.0	9.000	On	N	19.8	19.0	51.4
0.558000	28.3	5000.0	9.000	On	L1	19.9	17.7	46.0
0.746000	20.9	5000.0	9.000	On	L1	19.7	25.1	46.0
1.942000	18.1	5000.0	9.000	On	L1	19.4	27.9	46.0
2.482000	19.5	5000.0	9.000	On	N	19.7	26.5	46.0

EUT1 Charger1+Rear Camera+GSM 850 RX Mode,Set.1-2(EUT1, AE1-2, AE2-2, AE4-1)

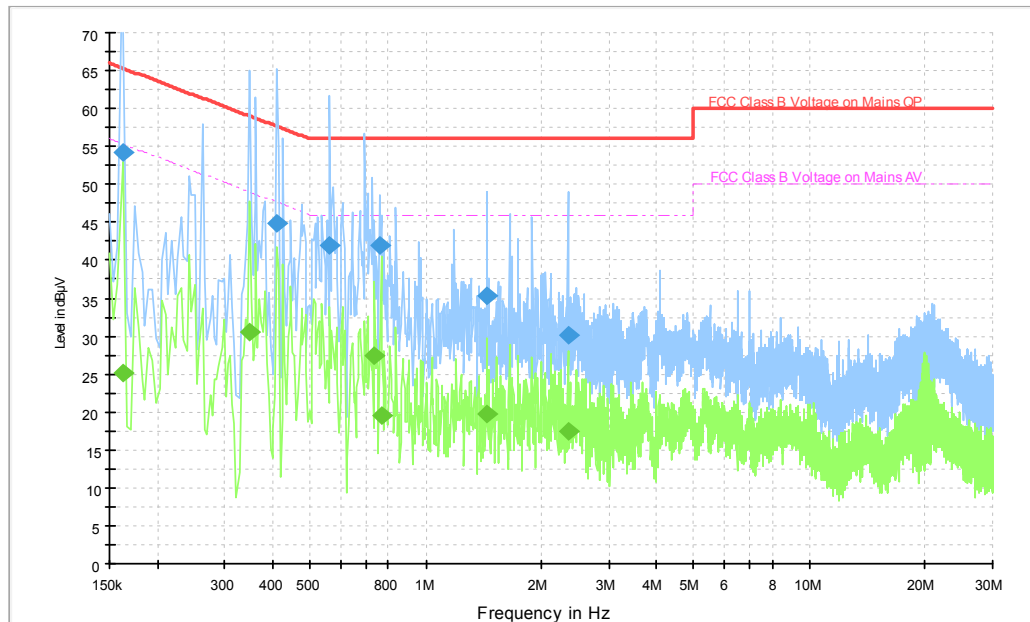


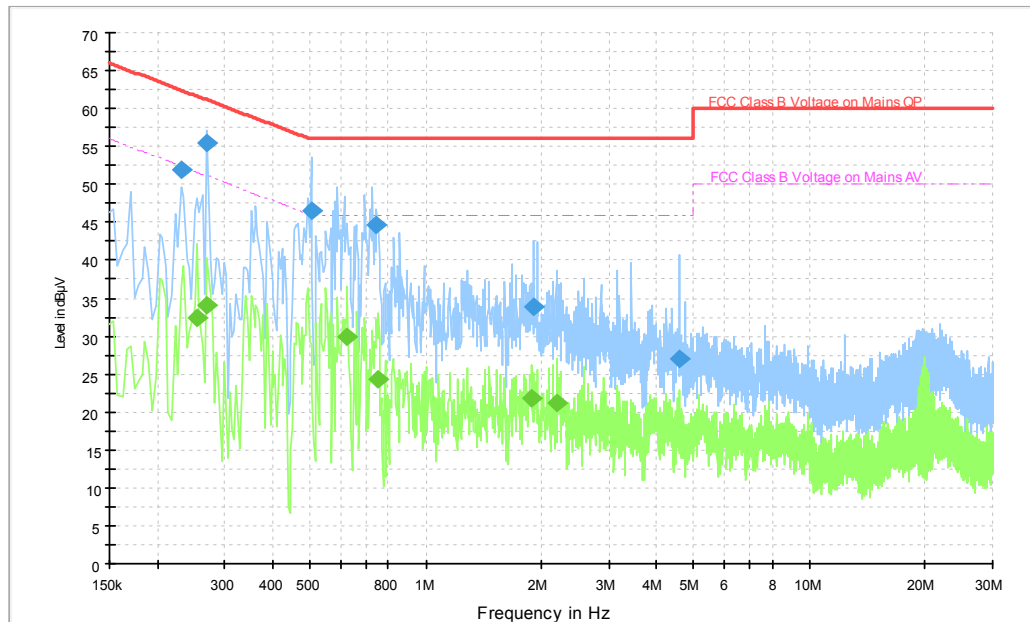
Figure A.22 Conducted Emission

Final Result 1

Frequency (MHz)	QuasiPeak (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.162000	54.2	5000.0	9.000	On	N	19.6	11.2	65.4
0.410000	44.9	5000.0	9.000	On	N	19.9	12.7	57.6
0.562000	41.9	5000.0	9.000	On	N	19.9	14.1	56.0
0.758000	41.9	5000.0	9.000	On	N	19.8	14.1	56.0
1.442000	35.3	5000.0	9.000	On	N	19.8	20.7	56.0
2.346000	30.0	5000.0	9.000	On	N	19.8	26.0	56.0

Final Result 2

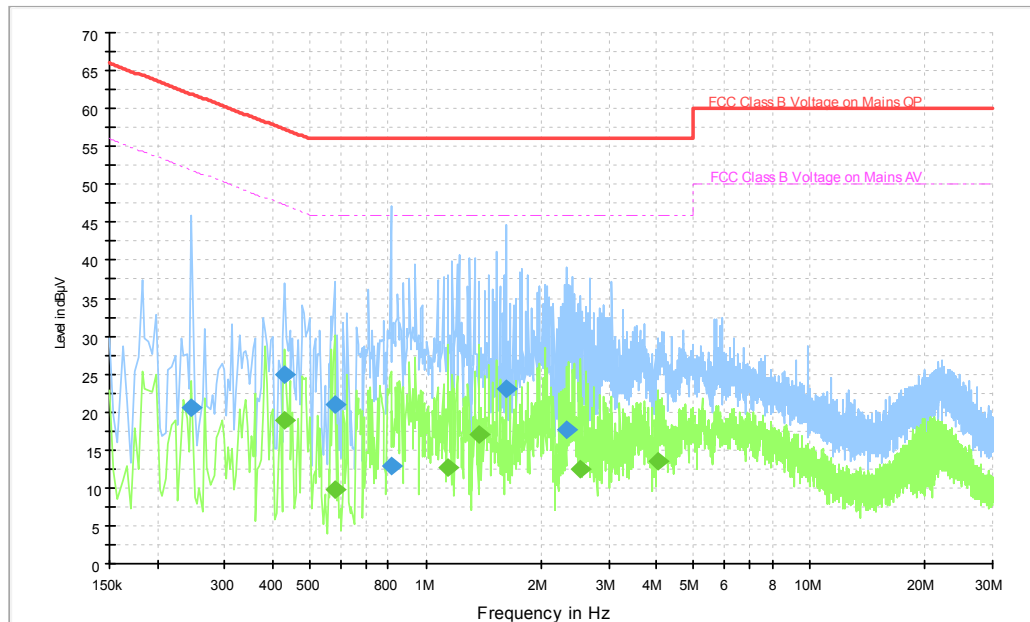
Frequency (MHz)	CAverage (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.162000	25.2	5000.0	9.000	On	N	19.6	30.2	55.4
0.346000	30.6	5000.0	9.000	On	N	19.9	18.4	49.1
0.734000	27.5	5000.0	9.000	On	N	19.8	18.5	46.0
0.766000	19.6	5000.0	9.000	On	L1	19.7	26.4	46.0
1.442000	19.7	5000.0	9.000	On	N	19.8	26.3	46.0
2.346000	17.5	5000.0	9.000	On	N	19.8	28.5	46.0

EUT1 Charger1+Rear Camera+GSM 850 RX Mode,Set.1-3(EUT1, AE1-2, AE2-3, AE4-1)

Figure A.23 Conducted Emission
Final Result 1

Frequency (MHz)	QuasiPeak (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.230000	51.9	5000.0	9.000	On	N	19.8	10.6	62.4
0.270000	55.4	5000.0	9.000	On	L1	20.0	5.7	61.1
0.502000	46.5	5000.0	9.000	On	L1	19.9	9.5	56.0
0.746000	44.6	5000.0	9.000	On	L1	19.7	11.4	56.0
1.906000	33.9	5000.0	9.000	On	L1	19.4	22.1	56.0
4.594000	26.9	5000.0	9.000	On	L1	19.6	29.1	56.0

Final Result 2

Frequency (MHz)	CAverage (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.254000	32.4	5000.0	9.000	On	L1	20.0	19.3	51.6
0.270000	34.0	5000.0	9.000	On	L1	20.0	17.1	51.1
0.626000	30.0	5000.0	9.000	On	L1	19.7	16.0	46.0
0.754000	24.2	5000.0	9.000	On	N	19.8	21.8	46.0
1.886000	21.8	5000.0	9.000	On	N	19.7	24.2	46.0
2.190000	21.2	5000.0	9.000	On	N	19.7	24.8	46.0

EUT1 Charger1+MP4 Mode/QP detector,Set.1-4(EUT1, AE1-2, AE2-2, AE4-1):

Figure A.24 Conducted Emission
Final Result 1

Frequency (MHz)	QuasiPeak (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.246000	20.5	5000.0	9.000	On	N	19.8	41.4	61.9
0.430000	24.9	5000.0	9.000	On	N	19.9	32.3	57.3
0.578000	21.0	5000.0	9.000	On	N	19.9	35.0	56.0
0.810000	12.8	5000.0	9.000	On	N	19.8	43.2	56.0
1.622000	23.0	5000.0	9.000	On	N	19.8	33.0	56.0
2.334000	17.6	5000.0	9.000	On	N	19.8	38.4	56.0

Final Result 2

Frequency (MHz)	CAverage (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.430000	18.8	5000.0	9.000	On	N	19.9	28.4	47.3
0.578000	9.9	5000.0	9.000	On	N	19.9	36.1	46.0
1.142000	12.7	5000.0	9.000	On	N	19.8	33.3	46.0
1.374000	17.0	5000.0	9.000	On	N	19.8	29.0	46.0
2.538000	12.4	5000.0	9.000	On	N	19.7	33.6	46.0
4.018000	13.5	5000.0	9.000	On	N	19.7	32.5	46.0

EUT1 PC TO USB +Front Camera Mode,Set.2-1(EUT1, AE2-2, AE4-1)

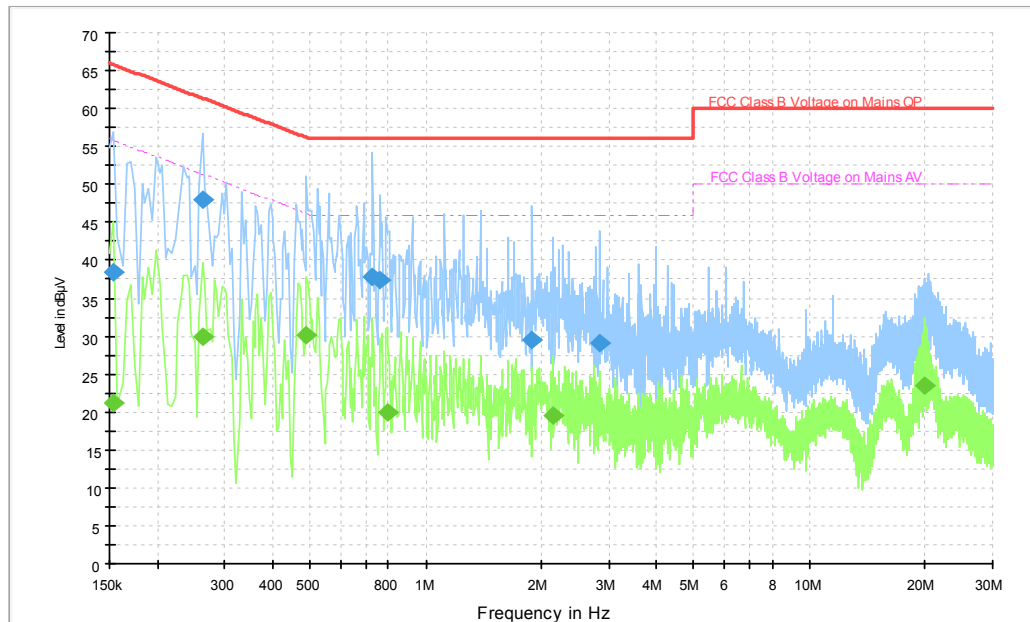


Figure A.25 Conducted Emission

Final Result 1

Frequency (MHz)	QuasiPeak (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.154000	38.4	5000.0	9.000	On	N	19.8	27.4	65.8
0.262000	48.0	5000.0	9.000	On	L1	20.0	13.3	61.4
0.726000	37.7	5000.0	9.000	On	L1	19.7	18.3	56.0
0.762000	37.4	5000.0	9.000	On	N	19.8	18.6	56.0
1.898000	29.4	5000.0	9.000	On	L1	19.4	26.6	56.0
2.838000	29.1	5000.0	9.000	On	L1	19.5	26.9	56.0

Final Result 2

Frequency (MHz)	CAverage (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.154000	21.2	5000.0	9.000	On	N	19.8	34.6	55.8
0.262000	30.0	5000.0	9.000	On	L1	20.0	21.4	51.4
0.490000	30.2	5000.0	9.000	On	L1	19.9	16.0	46.2
0.794000	19.9	5000.0	9.000	On	N	19.8	26.1	46.0
2.138000	19.5	5000.0	9.000	On	L1	19.5	26.5	46.0
19.966000	23.4	5000.0	9.000	On	N	19.9	26.6	50.0

EUT1 Wireless Charging + Front Camera Mode,Set.4-1

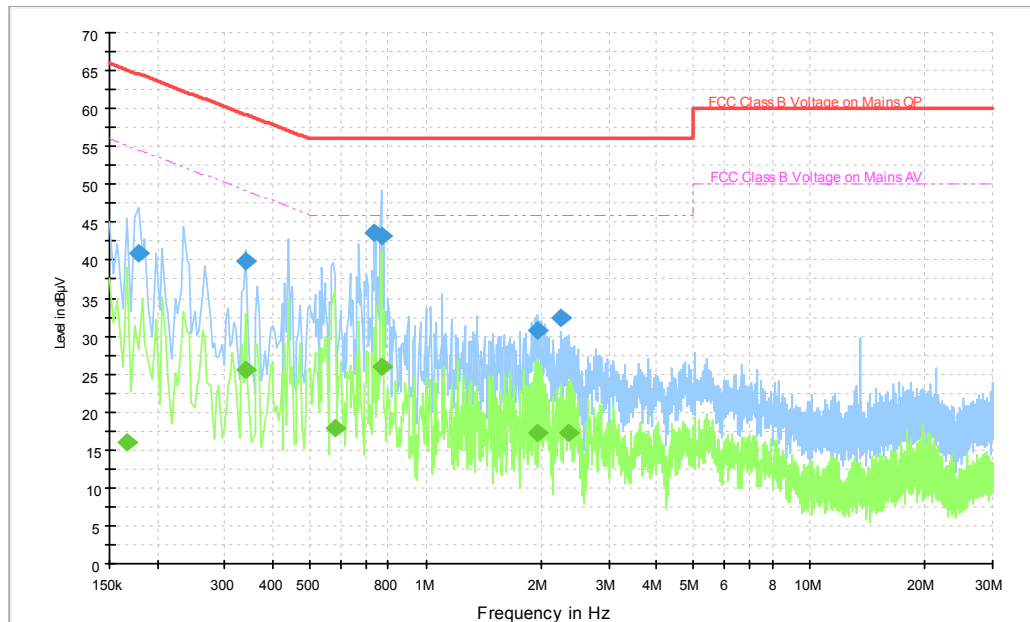


Figure A.26 Conducted Emission

Final Result 1

Frequency (MHz)	QuasiPeak (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.178000	40.9	5000.0	9.000	On	N	19.7	23.7	64.6
0.338000	39.8	5000.0	9.000	On	N	19.9	19.4	59.3
0.734000	43.7	5000.0	9.000	On	N	19.8	12.3	56.0
0.766000	43.1	5000.0	9.000	On	N	19.8	12.9	56.0
1.954000	30.8	5000.0	9.000	On	N	19.7	25.2	56.0
2.250000	32.4	5000.0	9.000	On	N	19.7	23.6	56.0

Final Result 2

Frequency (MHz)	CAverage (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.166000	15.9	5000.0	9.000	On	L1	20.0	39.2	55.2
0.338000	25.6	5000.0	9.000	On	N	19.9	23.7	49.3
0.578000	17.9	5000.0	9.000	On	L1	19.8	28.1	46.0
0.766000	25.9	5000.0	9.000	On	N	19.8	20.1	46.0
1.954000	17.3	5000.0	9.000	On	N	19.7	28.7	46.0
2.370000	17.2	5000.0	9.000	On	N	19.8	28.8	46.0

EUT1 Reverse Wireless Charging + Front Camera Mode,Set.4-2

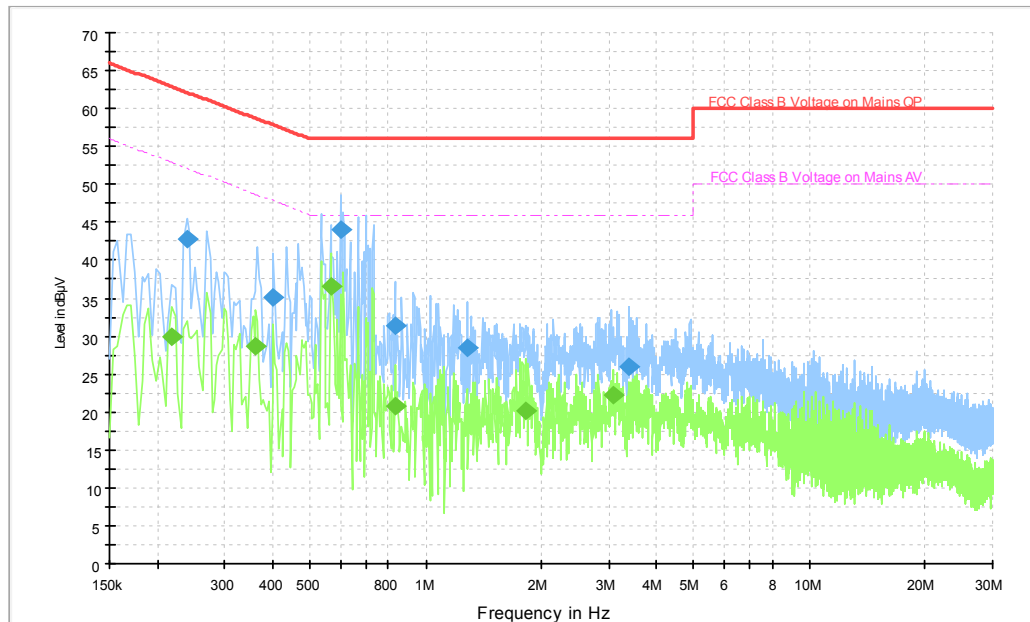


Figure A.26 Conducted Emission

Final Result 1

Frequency (MHz)	QuasiPeak (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.238000	42.8	5000.0	9.000	On	N	19.8	19.3	62.2
0.402000	35.1	5000.0	9.000	On	L1	19.9	22.7	57.8
0.598000	44.1	5000.0	9.000	On	N	19.9	11.9	56.0
0.830000	31.4	5000.0	9.000	On	N	19.8	24.6	56.0
1.282000	28.6	5000.0	9.000	On	L1	19.5	27.4	56.0
3.378000	26.1	5000.0	9.000	On	N	19.7	29.9	56.0

Final Result 2

Frequency (MHz)	CAverage (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.218000	29.9	5000.0	9.000	On	N	19.8	23.0	52.9
0.362000	28.7	5000.0	9.000	On	N	19.9	20.0	48.7
0.566000	36.6	5000.0	9.000	On	N	19.9	9.4	46.0
0.834000	20.8	5000.0	9.000	On	N	19.8	25.2	46.0
1.826000	20.1	5000.0	9.000	On	N	19.8	25.9	46.0
3.086000	22.1	5000.0	9.000	On	N	19.7	23.9	46.0

EUT2 USB Mode,Set.5

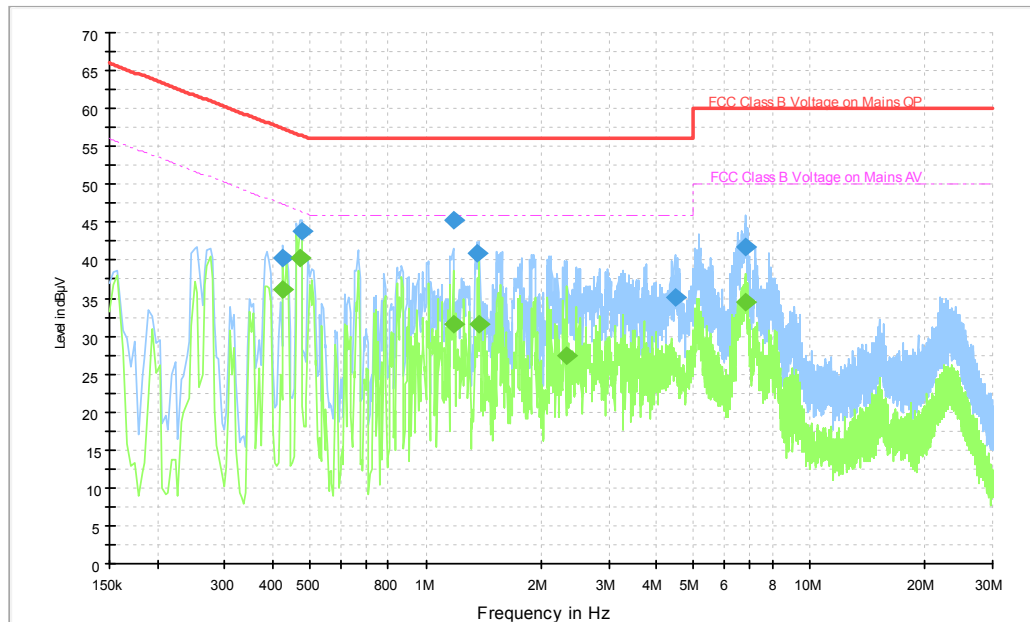


Figure A.27 Conducted Emission

Final Result 1

Frequency (MHz)	QuasiPeak (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.426000	40.3	5000.0	9.000	On	L1	19.9	17.0	57.3
0.474000	43.9	5000.0	9.000	On	L1	19.9	12.5	56.4
1.178000	45.2	5000.0	9.000	On	N	19.8	10.8	56.0
1.362000	41.0	5000.0	9.000	On	L1	19.5	15.0	56.0
4.454000	35.2	5000.0	9.000	On	N	19.7	20.8	56.0
6.814000	41.7	5000.0	9.000	On	L1	19.5	18.3	60.0

Final Result 2

Frequency (MHz)	CAverage (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.426000	36.2	5000.0	9.000	On	N	19.9	11.1	47.3
0.470000	40.3	5000.0	9.000	On	N	20.0	6.2	46.5
1.178000	31.6	5000.0	9.000	On	N	19.8	14.4	46.0
1.378000	31.6	5000.0	9.000	On	N	19.8	14.4	46.0
2.322000	27.4	5000.0	9.000	On	N	19.8	18.6	46.0
6.818000	34.4	5000.0	9.000	On	N	19.7	15.6	50.0

**EUT1 Charger1 + Black screen + Turn off all functions + Turn off all communication Mode,
Set.6**

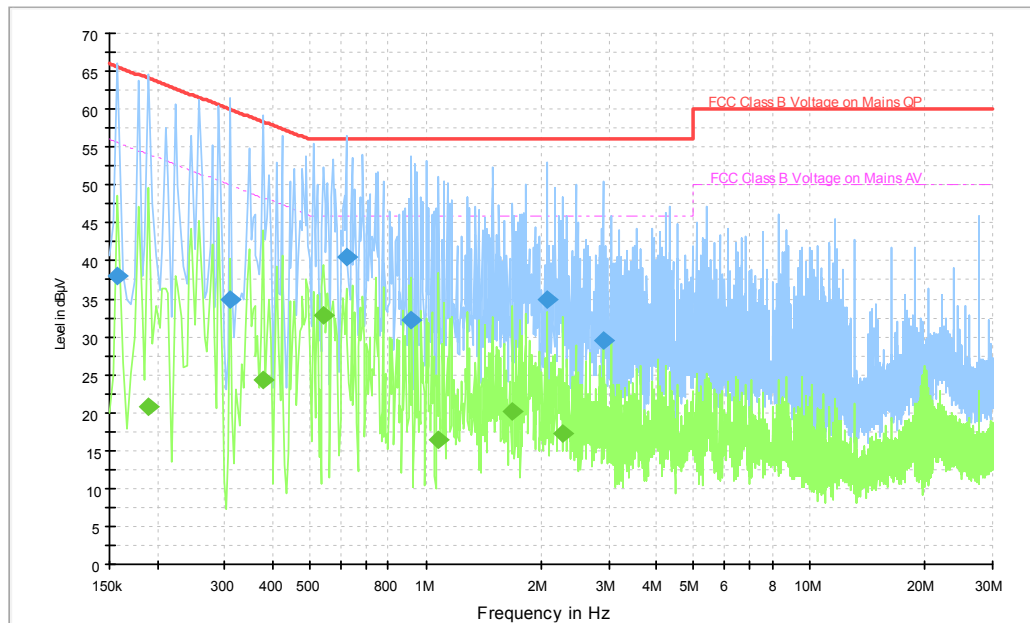


Figure A.28 Conducted Emission

Final Result 1

Frequency (MHz)	QuasiPeak (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.158000	38.0	5000.0	9.000	On	L1	20.0	27.5	65.6
0.310000	34.8	5000.0	9.000	On	N	19.9	25.1	60.0
0.622000	40.6	5000.0	9.000	On	L1	19.7	15.4	56.0
0.918000	32.3	5000.0	9.000	On	L1	19.6	23.7	56.0
2.078000	34.9	5000.0	9.000	On	L1	19.5	21.1	56.0
2.894000	29.5	5000.0	9.000	On	L1	19.5	26.5	56.0

Final Result 2

Frequency (MHz)	CAverage (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.190000	20.8	5000.0	9.000	On	L1	20.0	33.2	54.0
0.378000	24.2	5000.0	9.000	On	N	19.9	24.1	48.3
0.542000	32.8	5000.0	9.000	On	N	19.9	13.2	46.0
1.082000	16.3	5000.0	9.000	On	L1	19.5	29.7	46.0
1.686000	20.1	5000.0	9.000	On	N	19.8	25.9	46.0
2.270000	17.2	5000.0	9.000	On	N	19.7	28.8	46.0

ANNEX B: Persons involved in this testing

Test Item	Tester
Conducted Continuous Emission	Yan Hanchen
Radiated Continuous Emission	Li Pengfei,Ding Zai

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