TEST REPORT

No. I19Z60553-EMC01

for

Huawei Technologies Co., Ltd

Tablet

Model Name: AGS2-L09

FCC ID: QISAGS2-L09A

with

Hardware Version: A6t6e-2

Software Version: AGS2-L09 8.0.0.18(C432)

Issued Date: 2019-05-25

TESTING
NVLAP LAB CODE 600118-0

Note:

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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

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REPORT HISTORY

Report Number	Revision	Description	Issue Date
I19Z60553-EMC01	Rev.0	1st edition	2019-04-24
I19Z60553-EMC01	Rev.1	Add information for MP4 and camera modes for test set. 3,4 and 5	2019-05-25

CONTENTS

1. Test Laboratory

1.1. Testing Location

CTTL(huayuan North Road)

Address: No. 52, Huayuan North Road, Haidian District, Beijing, P. R. China100191

CTTL(yizhuang)

Address: No.18, Kangding Street, Beijing Economic-Technology Development Area, Beijing, P. R. China 100176

1.2. Testing Environment

Normal Temperature: 15-35℃

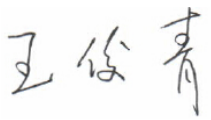
Relative Humidity: 20-75%

1.3. Project data

Testing Start Date: 2019-04-09

Testing End Date: 2019-04-23

1.4. Signature

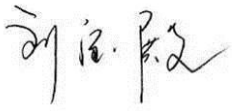


Wang Junqing

(Prepared this test report)

Zhang Ying

(Reviewed this test report)



Liu Baodian

Deputy Director of the laboratory

(Approved this test report)

2. Client Information

2.1. Applicant Information

Company Name:	Huawei Technologies Co., Ltd
Address:	Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District, Shenzhen, Guangdong, 518129, China
City:	Shenzhen
Postal Code:	518129
Country:	China
Contact	Han Maomao
Telephone:	075515814033573
Fax:	\

2.2. Manufacturer Information

Company Name:	Huawei Technologies Co., Ltd
Address:	Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District, Shenzhen, Guangdong, 518129, China
City:	Shenzhen
Postal Code:	518129
Country:	China
Contact	Han Maomao
Telephone:	075515814033573
Fax:	\

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

3.1. About EUT

Description	Tablet
Model Name	AGS2-L09
FCC ID	QISAGS2-L09A
Extreme vol. Limits	3.6VDC to 4.8VDC (nominal: 3.8VDC)

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

3.2. Internal Identification of EUT used during the test

EUT ID*	SN or IMEI	HW Version	SW Version
EUT1	869564035732499	A6t6e-2	AGS2-L09 8.0.0.18(C432)

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

3.3. Internal Identification of AE used during the test

AE ID*	Description	SN	Remarks
AE1	Battery	/	/
AE2	Charger	/	/
AE3	Charger	/	/
AE4	Charger	/	/
AE5	USB Cable	/	/
AE6	USB Cable	/	/
AE7	USB Cable	/	/
AE8	USB Cable	/	/
AE9	Headset	/	/

AE1

Model	HB2899C0ECW-C
Manufacturer	HuaweiTechnologies Co., Ltd.
Capacitance	/
Nominal voltage	/

AE2

Model	HW-050100U01
Manufacturer	huizou BYD Electronic Co.,Ltd.
Length of cable	/

AE3

Model	HW-050100U01
Manufacturer	dong guan phitek electronics co.,ltd.
Length of cable	/

AE4

Model	HW-050100U01
Manufacturer	SHENZHEN HUNTKEY ELECTRIC CO LTD
Length of cable	/

AE5

Model	WA0007
Manufacturer	Broad
Length of cable	95cm

AE6

Model	203-0786-0
Manufacturer	MING JI
Length of cable	95cm

AE7

Model	L99U2013-CS-H
Manufacturer	Luxshare
Length of cable	95cm

AE8

Model	130-26654
Manufacturer	HONGLIN
Length of cable	95cm

AE9

Model	/
Manufacturer	/
Length of cable	125cm

*AE ID: is used to identify the test sample in the lab internally.
Note: The USB cables are shielded.

3.4. EUT set-ups

EUT set-up No.	Combination of EUT and AE	Remarks
Set.3	EUT1+ AE2+ AE5/AE6/AE7/AE8+AE9	Charger+Headset(Camera recording mode)
Set.4	EUT1+ AE3+ AE5/AE6/AE7/AE8+AE9	Charger+Headset(MP4 mode)
Set.5	EUT1+ AE4+ AE5/AE6/AE7/AE8+AE9	Charger+Headset(Camera recording mode)
Set.6	EUT1+ AE5/AE6/AE7/AE8	USB mode

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	2016
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

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

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

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

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

6. SUMMARY OF TEST RESULTS

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

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

7. Test Equipments Utilized

NO.	Description	TYPE	SERIES NUMBER	MANUFACTURE	CAL DUE DATE	CALIBRATION INTERVAL
1	Test Receiver	ESCI7	100948	R&S	2019-06-27	1 Year
2	Universal Radio Communication Tester	CMW500	143008	R&S	2019-11-26	1 year
3	LISN	ENV216	101200	R&S	2020-03-14	1 year
4	EMI Antenna	VULB 9163	9163-483	Schwarzbeck	2019-08-21	1 year
5	EMI Antenna	3115	00167250	ETS-Lindgren	2019-05-17	1 year
6	PC	OPTIPLEX 380	2X1YV2X	DELL	N/A	N/A
7	Printer	P1606dn	VNC3L52122	HP	N/A	N/A
8	Keyboard	L100	CN0RH659658907ATOI40	DELL	N/A	N/A
9	Mouse	M-UAE119	LZ935220ZRC	Lenovo	N/A	N/A

ANNEX A: MEASUREMENT RESULTS

A.1 Radiated Emission

Reference

FCC: CFR Part 15.109(a).

A.1.1 Method of measurement

The field strength of radiated emissions from the unintentional radiator (USB mode of EUT and charging mode of EUT) 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 EUT is operating in the USB mode and charging mode. During the test EUT is connected to a PC via a USB cable in the case of USB mode and is connected to a charger in the case of charging mode. And during the test, MP4, Camera recording are turned on for each mode.
The model of the PC is DELL OPTIPLEX 380, and the serial number of the PC is 2X1YV2X. The software is used to let the PC keep on copying data to EUT, reading and erasing the data after copy action was finished.
Note：I/O information：Printer – USB, Mouse – PS/2, Keyboard – USB.

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.

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): U = 5.44 dB, k=2.

Measurement results for Set.3 (Camera recording mode):

Charging Mode/Average detector

Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Antenna Pol. (H/V)
17095.000	39.2	-25.5	41.3	23.3	V
17105.500	39.1	-25.5	41.3	23.3	H
17968.500	39.1	-25.1	40.8	23.4	V
17107.000	39.1	-25.5	41.3	23.2	V
17978.000	39.1	-25.2	40.8	23.5	H
17963.000	39.0	-25.0	40.8	23.3	V

Charging Mode/Peak detector

Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Antenna Pol. (H/V)
17114.500	52.2	-25.5	41.3	36.4	V
17876.500	51.5	-23.9	40.9	34.5	V
17961.000	51.3	-25.0	40.8	35.5	V
17983.000	51.3	-25.3	40.8	35.8	V
17505.000	51.1	-25.4	41.2	35.3	V
17878.500	51.1	-23.9	40.9	34.2	V

Measurement results for Set.4 (MP4 mode):

Charging Mode/Average detector

Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Antenna Pol. (H/V)
17119.000	39.2	-25.5	41.3	23.4	V
17974.500	39.1	-25.2	40.8	23.5	H
17972.500	39.1	-25.2	40.8	23.5	H
17099.000	39.1	-25.5	41.3	23.3	V
17090.500	39.1	-25.5	41.3	23.3	H
17092.000	39.1	-25.5	41.3	23.2	V

Charging Mode/Peak detector

Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Antenna Pol. (H/V)
17986.000	51.5	-25.4	40.8	36.0	H
17111.500	51.4	-25.5	41.3	35.5	V
17990.000	51.4	-25.3	40.8	35.8	V
17100.500	51.3	-25.5	41.3	35.4	V
17560.000	51.2	-25.6	41.2	35.6	H
17963.000	51.1	-25.0	40.8	35.3	V

Measurement results for Set.5(Camera recording mode):

Charging Mode/Average detector

Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Antenna Pol. (H/V)
17102.500	39.2	-25.5	41.3	23.3	H
17087.500	39.2	-25.5	41.3	23.3	H
17120.000	39.2	-25.5	41.3	23.3	V
17104.000	39.2	-25.5	41.3	23.3	V
17088.500	39.1	-25.5	41.3	23.3	H
17106.500	39.1	-25.5	41.3	23.3	V

Charging Mode/Peak detector

Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Antenna Pol. (H/V)
17918.000	52.0	-24.4	40.9	35.6	H
17061.000	51.8	-25.5	41.4	36.0	V
17825.000	51.4	-23.2	40.9	33.7	V
17070.500	51.4	-25.5	41.3	35.6	V
17989.000	51.4	-25.3	40.8	35.9	V
17910.500	51.4	-24.3	40.9	34.9	H

Measurement results for Set.6:

USB Mode/Average detector

Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Antenna Pol. (H/V)
17117.000	39.3	-25.5	41.3	23.5	H
17103.500	39.3	-25.5	41.3	23.5	V
17109.500	39.3	-25.5	41.3	23.5	V
17124.000	39.3	-25.5	41.3	23.5	V
17112.000	39.2	-25.5	41.3	23.4	V
17092.000	39.2	-25.5	41.3	23.4	V

USB Mode/ Peak detector

Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Antenna Pol. (H/V)
3598.000	56.41	-34.1	33.5	57.0	H
3599.500	56.20	-34.1	33.5	56.8	H
3597.000	56.05	-34.1	33.5	56.7	H
3589.500	55.72	-34.2	33.5	56.4	H
3588.000	54.63	-34.2	33.5	55.3	H
3589.000	54.63	-34.2	33.5	55.3	H

Note: The measurement results of Set.3, Set.4, Set.5 and Set.6 showed here are worst cases of the combinations of different batteries and USB cables.

Charging Mode, Set.3 (Camera recording mode):

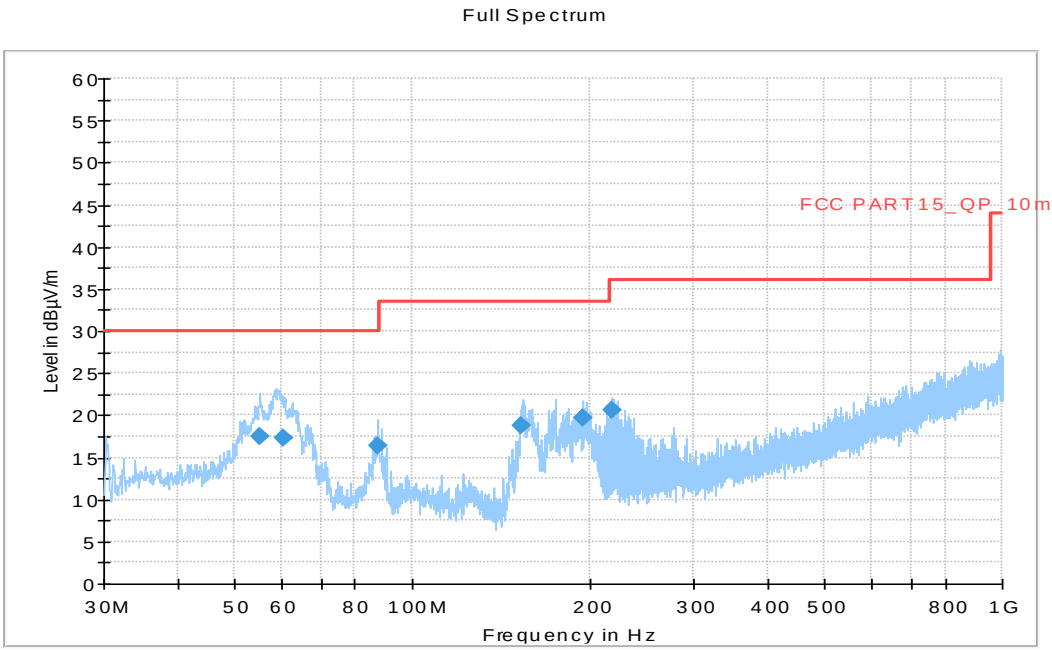


Fig A.1 Radiated Emission from 30MHz to 1GHz

Final_Result

Frequency (MHz)	QuasiPeak (dB礦/m)	Limit (dB礦/m)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
55.063000	17.54	30.00	12.46	1000.0	120.000	188.0	V	202.0
60.472000	17.35	30.00	12.65	1000.0	120.000	192.0	V	120.0
87.484000	16.42	30.00	13.58	1000.0	120.000	121.0	V	69.0
153.398000	18.71	33.50	14.81	1000.0	120.000	107.0	V	62.0
195.020000	19.74	33.50	13.78	1000.0	120.000	125.0	V	15.0
217.949000	20.58	36.00	15.44	1000.0	120.000	125.0	V	102.0

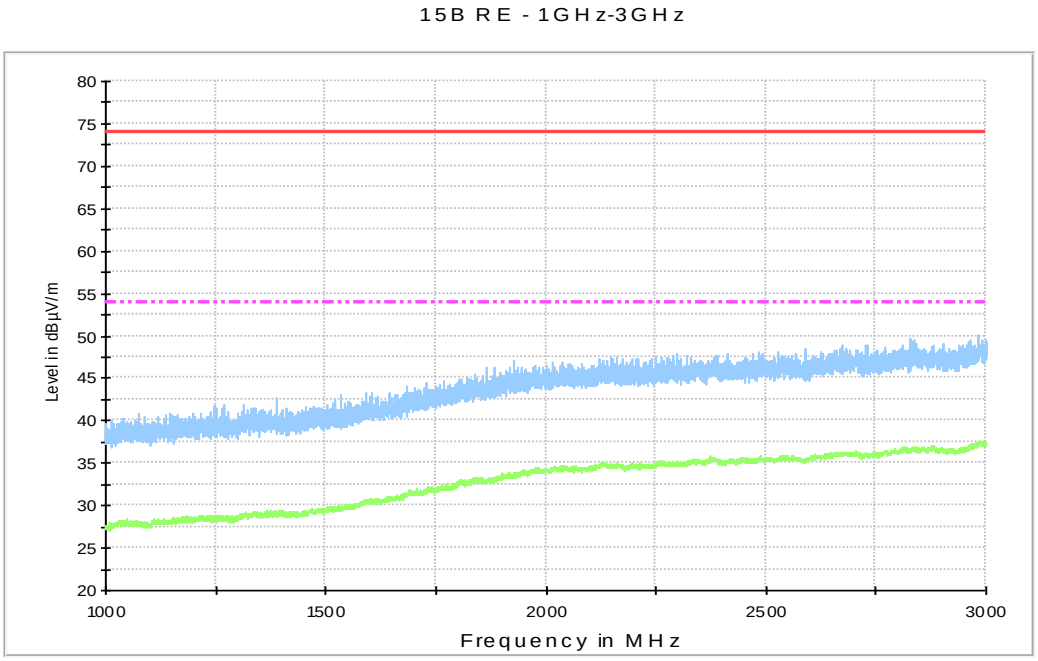


Fig A.2 Radiated Emission from 1GHz to 3GHz

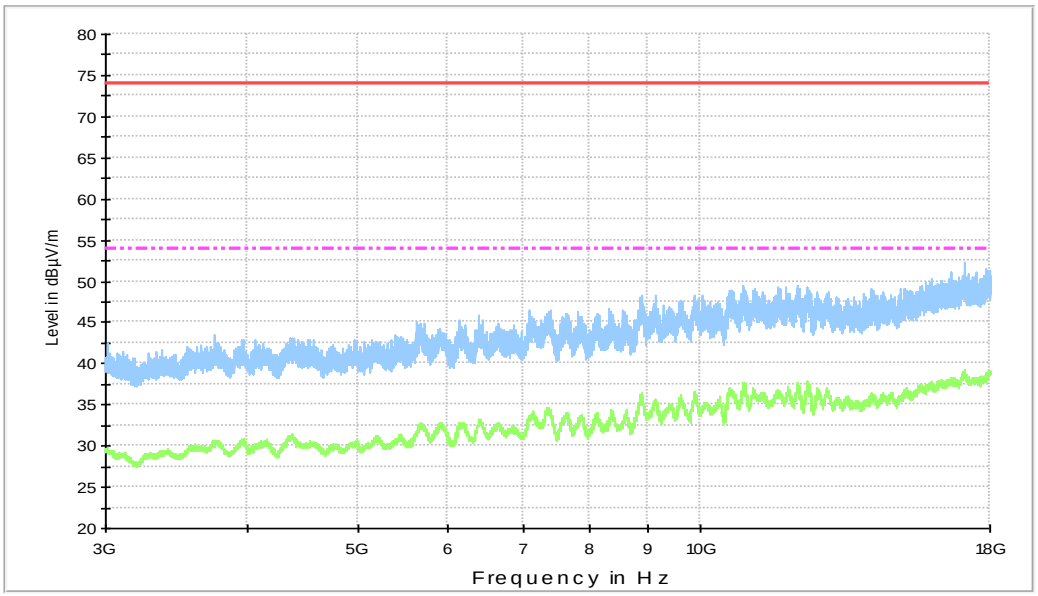


Fig A.3 Radiated Emission from 3GHz to 18GHz

Charging Mode, Set.4 (MP4 mode):

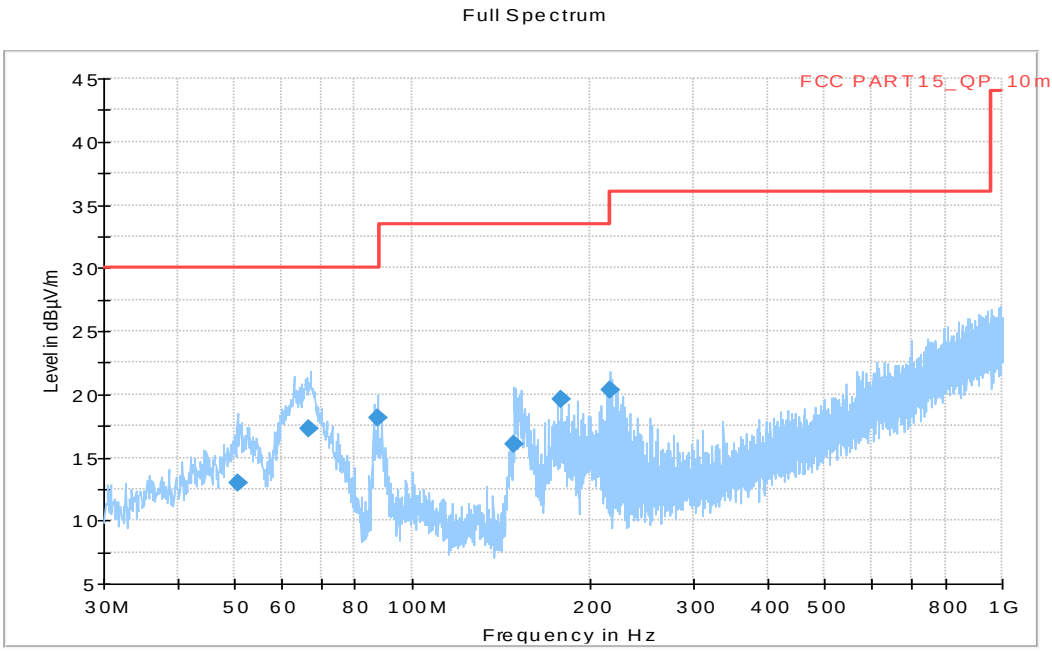


Fig A.4 Radiated Emission from 30MHz to 1GHz

Final_Result

Frequency (MHz)	QuasiPeak (dB礦/m)	Limit (dB礦/m)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
50.804000	12.96	30.00	17.04	1000.0	120.000	125.0	V	82.0
66.865000	17.23	30.00	12.77	1000.0	120.000	220.0	V	-24.0
87.484000	18.14	30.00	11.86	1000.0	120.000	125.0	V	183.0
149.199000	16.02	33.50	17.50	1000.0	120.000	116.0	V	62.0
179.343000	19.66	33.50	13.86	1000.0	120.000	108.0	V	30.0
216.628000	20.29	36.00	15.73	1000.0	120.000	100.0	V	75.0

15B RE - 1GHz-3GHz

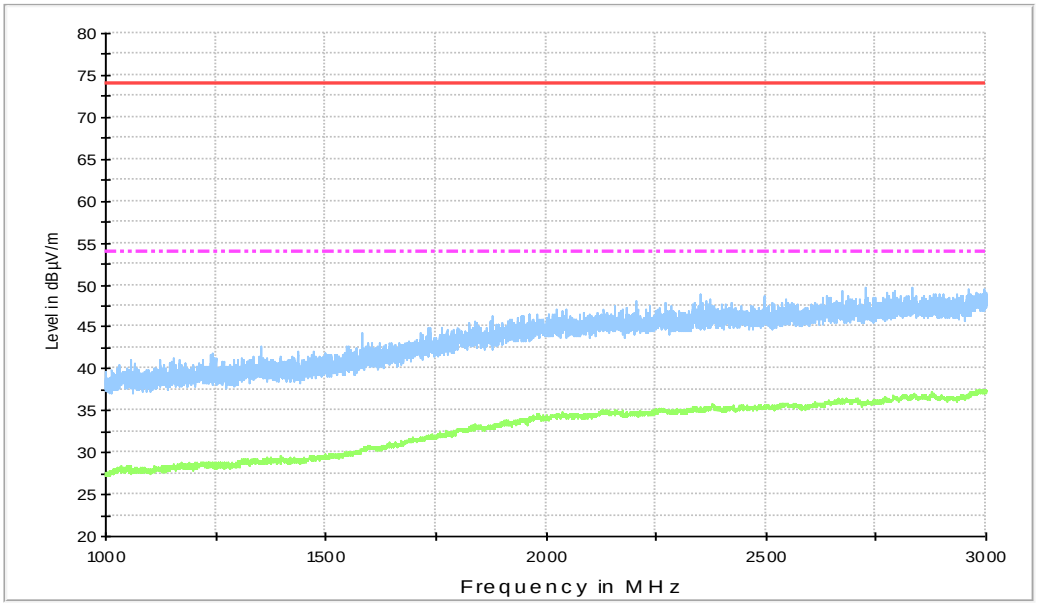


Fig A.5 Radiated Emission from 1GHz to 3GHz

15b RE - 3GHz-18GHz

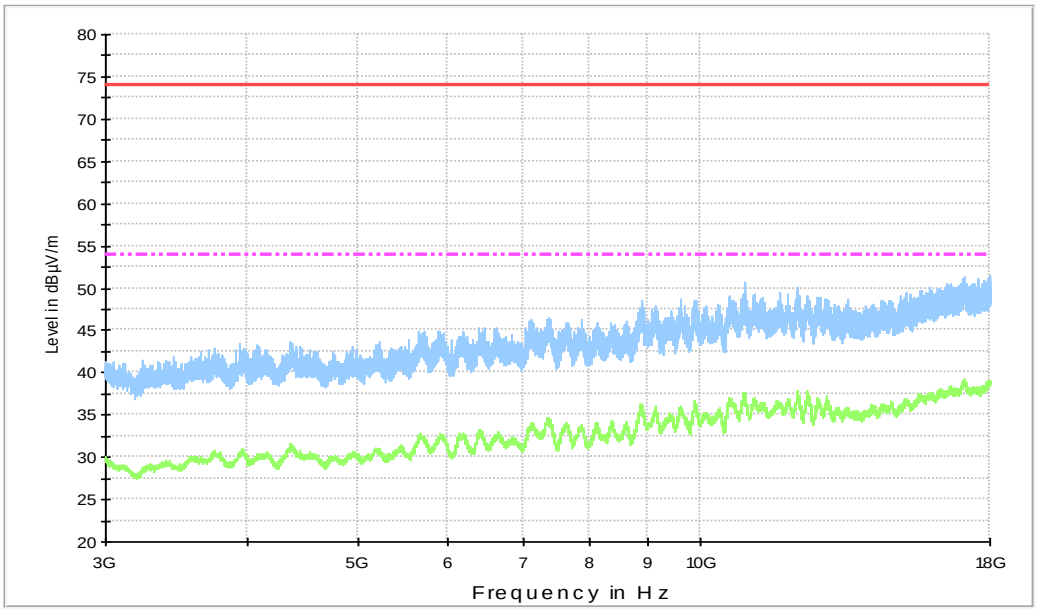


Fig A.6 Radiated Emission from 3GHz to 18GHz

Charging Mode, Set.5 (Camera recording mode):

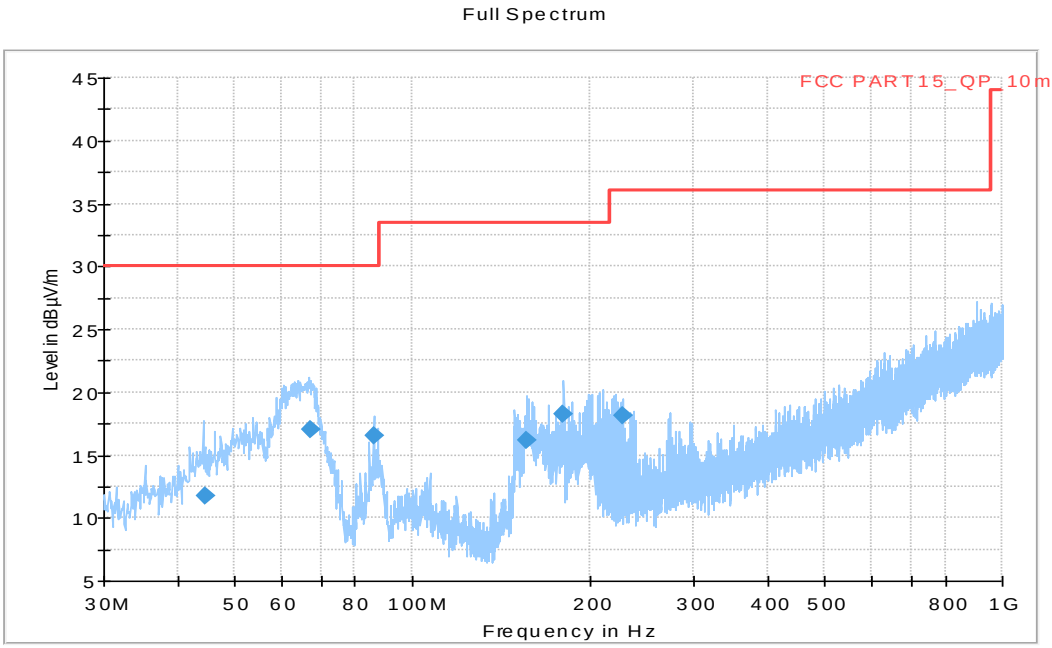


Fig A.7 Radiated Emission from 30MHz to 1GHz

Final_Result

Frequency (MHz)	QuasiPeak (dB礦/m)	Limit (dB礦/m)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
44.762000	11.79	30.00	18.21	1000.0	120.000	125.0	V	206.0
67.146000	17.07	30.00	12.93	1000.0	120.000	213.0	V	-10.0
86.029000	16.56	30.00	13.44	1000.0	120.000	116.0	V	67.0
156.345000	16.14	33.50	17.38	1000.0	120.000	108.0	V	60.0
180.701000	18.20	33.50	15.32	1000.0	120.000	125.0	V	30.0
228.074000	18.09	36.00	17.93	1000.0	120.000	100.0	V	64.0

15B RE - 1GHz-3GHz

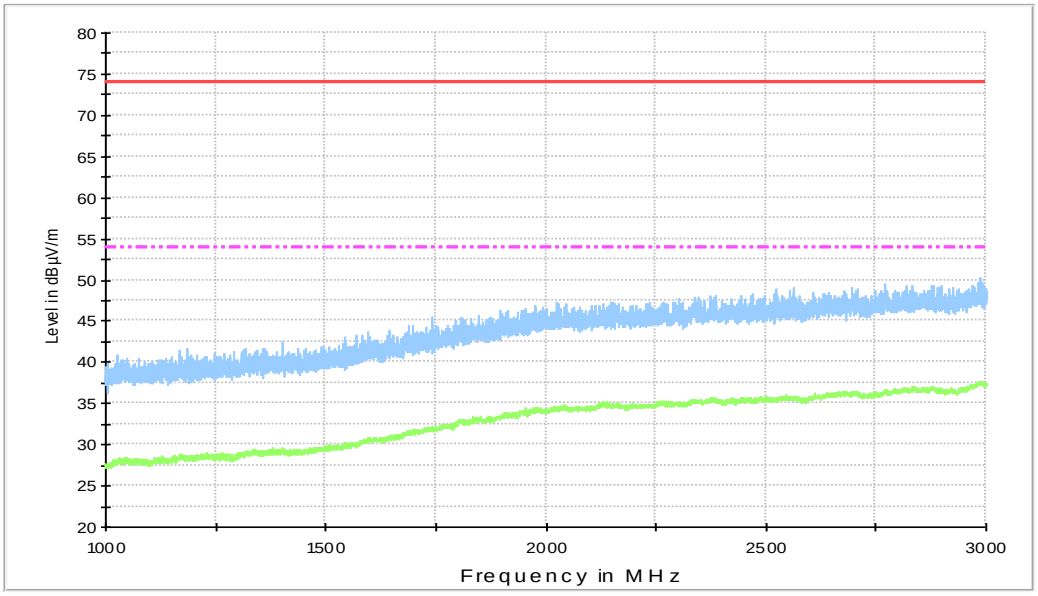


Fig A.8 Radiated Emission from 1GHz to 3GHz

15b RE - 3GHz-18GHz

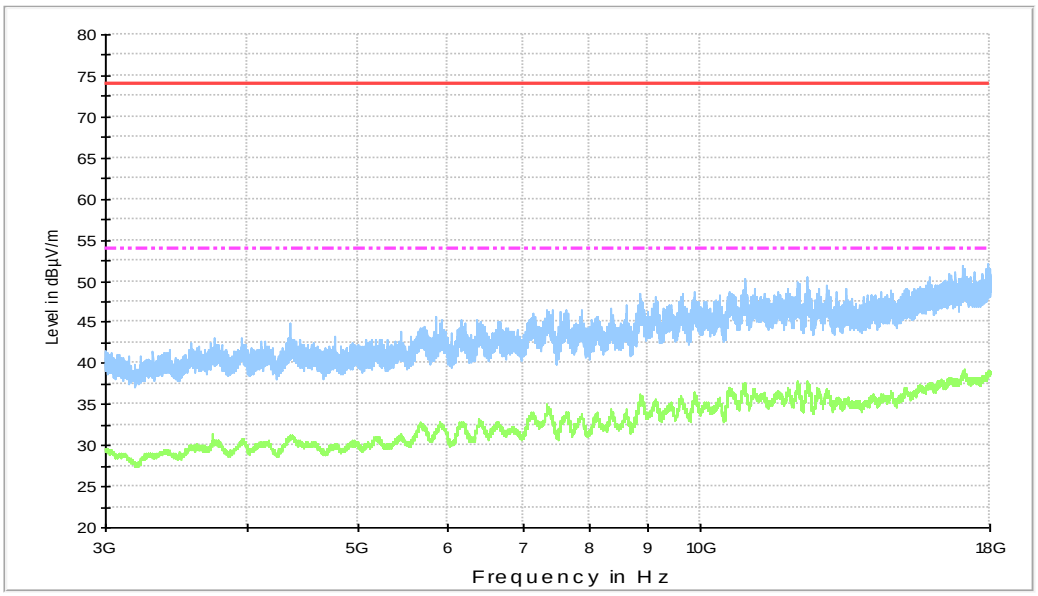


Fig A.9 Radiated Emission from 3GHz to 18GHz

USB Mode, Set.6

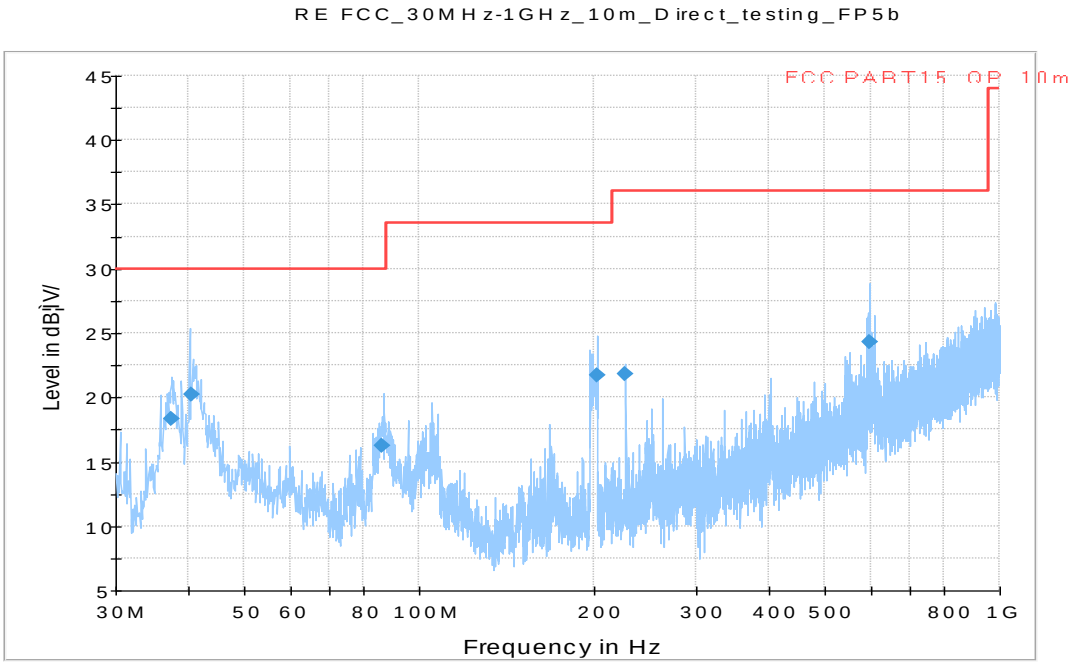


Fig A.10 Radiated Emission from 30MHz to 1GHz

Final_Result

Frequency (MHz)	QuasiPeak (dB礦/m)	Limit (dB礦/m)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
37.349000	18.3	30.0	11.7	1000.0	120.000	125.0	V	210.0
40.425000	20.2	30.0	9.8	1000.0	120.000	213.0	V	171.0
86.325000	16.2	30.0	13.8	1000.0	120.000	116.0	V	177.0
202.295000	21.8	33.5	11.8	1000.0	120.000	108.0	V	176.0
226.873000	21.8	36.0	14.2	1000.0	120.000	125.0	V	164.0
596.854000	24.3	36.0	11.7	1000.0	120.000	100.0	V	-11.0

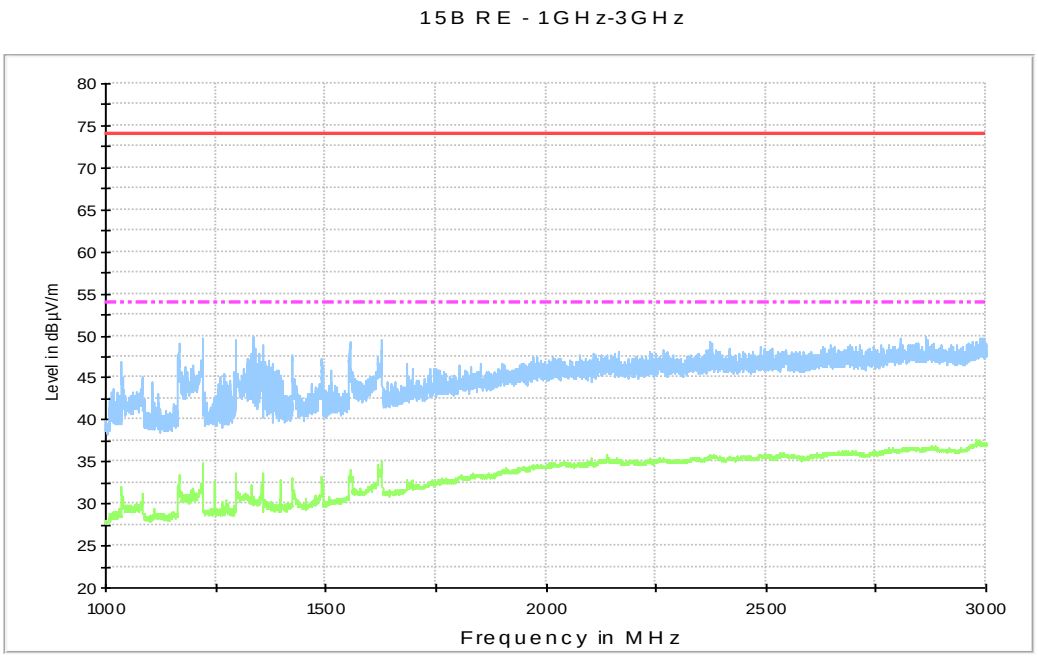


Fig A.11 Radiated Emission from 1GHz to 3GHz

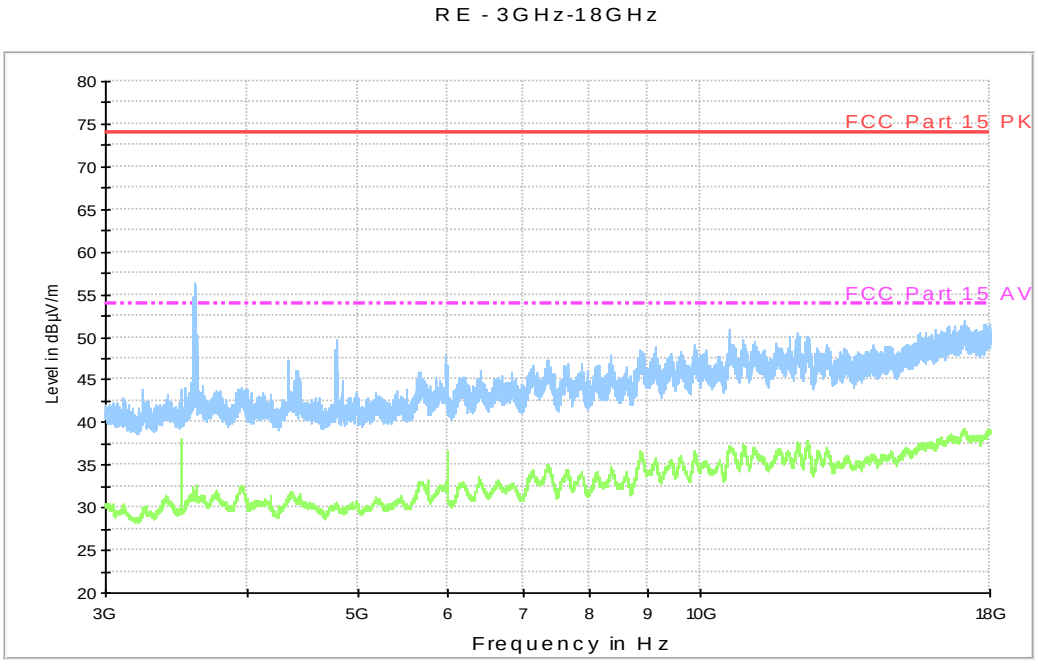


Fig A.12 Radiated Emission from 3GHz to 18GHz

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 EUT is operating in the USB mode and charging mode. During the test EUT is connected to a PC via a USB cable in the case of USB mode and is connected to a charger in the case of charging mode. And during the test, MP4, Camera recording are turned on for each mode. The model of the PC is DELL OPTIPLEX 380, and the serial number of the PC is 2X1YV2X. The software is used to let the PC keep on copying data to EUT, reading and erasing the data after copy action was finished.

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

A.2.3 Measurement Limit

Frequency of emission (MHz)	Conducted limit (dBμV)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50
*Decreases with the logarithm of the frequency		

A.2.4 Test Condition in charging mode

Voltage（V）	Frequency（Hz）
120	60

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

A.2.5 Measurement Results

Measurement uncertainty: *U*= 3.08 dB, *k*=2.

Charging Mode, Set.3 (Camera recording mode)

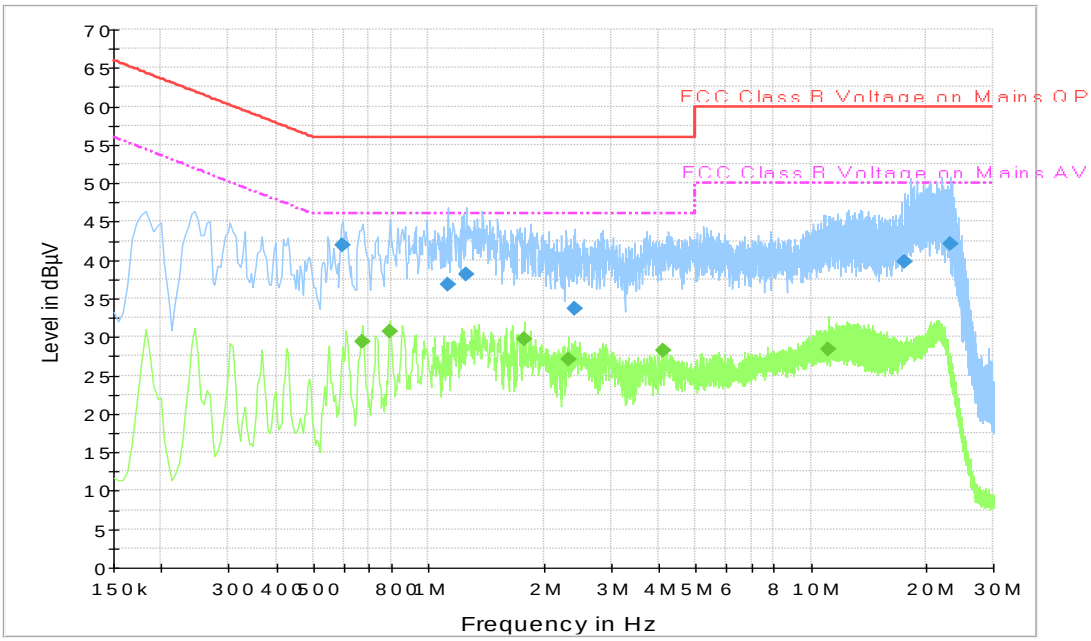


Fig A.13 Conducted Emission

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.595500	42.0	2000.0	9.000	On	N	19.9	14.0
1.122000	36.8	2000.0	9.000	On	N	19.7	19.2
1.252500	38.1	2000.0	9.000	On	N	19.6	17.9
2.413500	33.7	2000.0	9.000	On	N	19.6	22.3
17.605500	39.8	2000.0	9.000	On	N	19.9	20.2
23.185500	42.1	2000.0	9.000	On	N	20.1	17.9

Final Result 2

Frequency (MHz)	Average (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.672000	29.4	2000.0	9.000	On	L1	19.8	16.6
0.793500	30.7	2000.0	9.000	On	L1	19.7	15.3
1.774500	29.8	2000.0	9.000	On	L1	19.7	16.2
2.323500	27.1	2000.0	9.000	On	L1	19.7	18.9
4.132500	28.2	2000.0	9.000	On	L1	19.6	17.8
11.085000	28.4	2000.0	9.000	On	L1	19.9	21.6

Note: The measurement results showed here are worst cases of the combinations of different batteries and USB cables.

Charging Mode, Set.4 (MP4 mode)

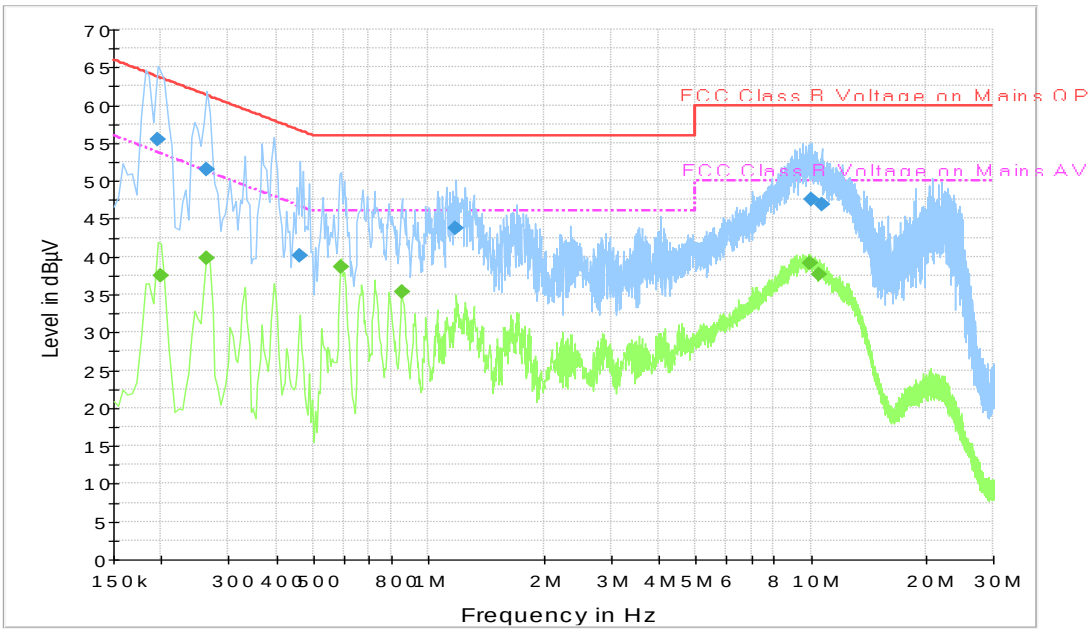


Fig A.14 Conducted Emission

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.195000	55.5	2000.0	9.000	On	L1	19.8	8.4
0.262500	51.5	2000.0	9.000	On	L1	19.8	9.9
0.460500	40.2	2000.0	9.000	On	L1	19.9	16.5
1.180500	43.8	2000.0	9.000	On	L1	19.6	12.2
10.014000	47.6	2000.0	9.000	On	L1	19.8	12.4
10.662000	46.9	2000.0	9.000	On	L1	19.8	13.1

Final Result 2

Frequency (MHz)	Average (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.199500	37.4	2000.0	9.000	On	L1	19.8	16.2
0.262500	39.8	2000.0	9.000	On	L1	19.8	11.5
0.591000	38.6	2000.0	9.000	On	L1	19.9	7.4
0.852000	35.3	2000.0	9.000	On	L1	19.7	10.7
9.928500	39.1	2000.0	9.000	On	L1	19.8	10.9
10.504500	37.7	2000.0	9.000	On	L1	19.8	12.3

Note: The measurement results showed here are worst cases of the combinations of different batteries and USB cables.

Charging Mode, Set.5 (Camera recording mode)

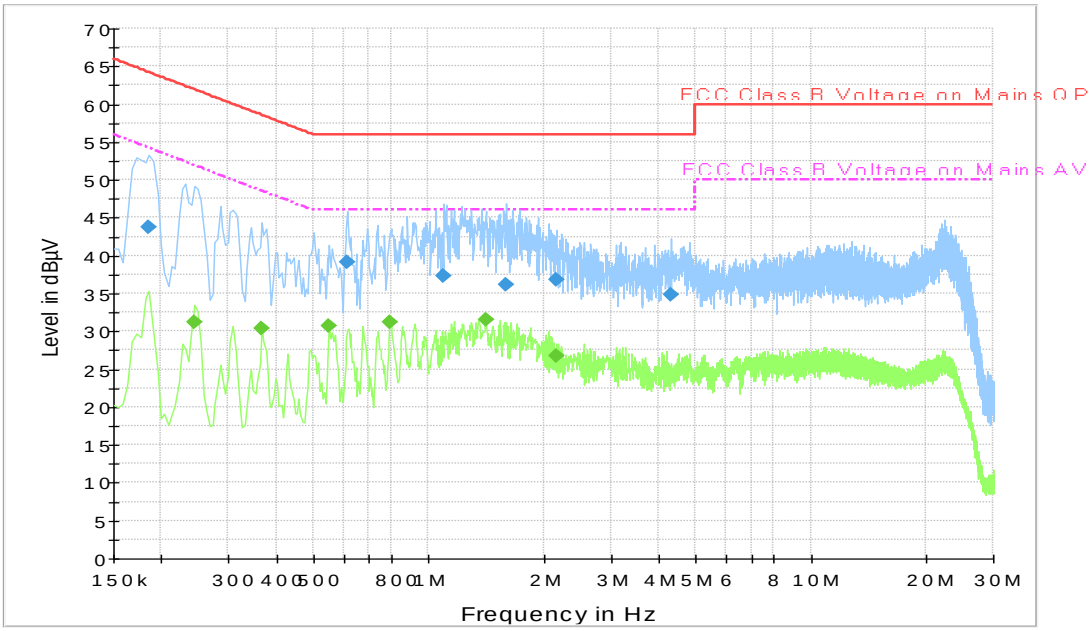


Fig A.15 Conducted Emission

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.186000	43.8	2000.0	9.000	On	L1	19.8	20.5
0.613500	39.1	2000.0	9.000	On	N	19.9	16.9
1.095000	37.3	2000.0	9.000	On	N	19.7	18.7
1.594500	36.2	2000.0	9.000	On	N	19.6	19.8
2.152500	36.8	2000.0	9.000	On	L1	19.7	19.2
4.303500	34.8	2000.0	9.000	On	L1	19.6	21.2

Final Result 2

Frequency (MHz)	Average (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.244500	31.1	2000.0	9.000	On	N	19.8	20.8
0.366000	30.4	2000.0	9.000	On	N	19.9	18.2
0.550500	30.7	2000.0	9.000	On	L1	19.9	15.3
0.793500	31.2	2000.0	9.000	On	N	19.8	14.8
1.410000	31.6	2000.0	9.000	On	N	19.6	14.4
2.152500	26.7	2000.0	9.000	On	L1	19.7	19.3

Note: The measurement results showed here are worst cases of the combinations of different batteries and USB cables.

USB Mode, Set.6

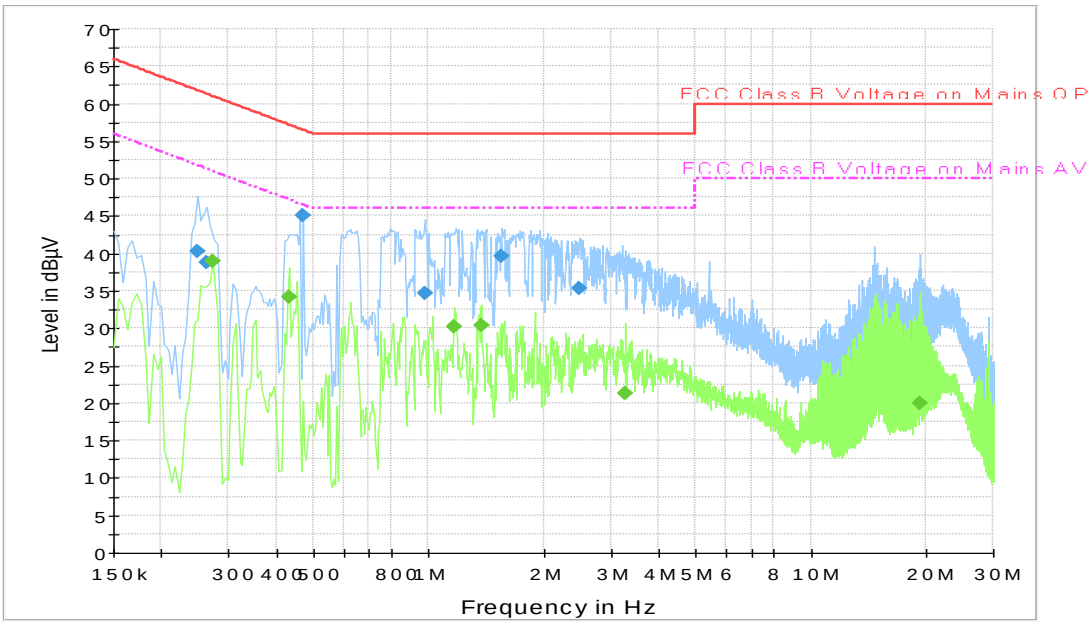


Fig A.16 Conducted Emission

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.249000	40.2	2000.0	9.000	On	L1	19.8	21.6
0.262500	38.8	2000.0	9.000	On	L1	19.8	22.5
0.469500	45.0	2000.0	9.000	On	N	19.9	11.5
0.978000	34.7	2000.0	9.000	On	L1	19.6	21.3
1.558500	39.6	2000.0	9.000	On	L1	19.7	16.4
2.476500	35.3	2000.0	9.000	On	L1	19.7	20.7

Final Result 2

Frequency (MHz)	Average (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.271500	39.0	2000.0	9.000	On	N	19.8	12.1
0.433500	34.1	2000.0	9.000	On	N	19.9	13.0
1.167000	30.2	2000.0	9.000	On	N	19.6	15.8
1.374000	30.3	2000.0	9.000	On	N	19.6	15.7
3.259500	21.3	2000.0	9.000	On	L1	19.7	24.7
19.302000	19.9	2000.0	9.000	On	N	20.0	30.1

Note: The measurement results showed here are worst cases of the combinations of different batteries and USB cables.

ANNEX B: PERSONS INVOLVED IN THIS TESTING

Test Item	Test Software and Version	Software Vendor	Test operator
Conducted Emission	EMC32 V8.5.2	R&S	Wang Huan
Radiated Emission	EMC32 V9.01.00	R&S	Li Jinpeng

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