TEST REPORT

No. I23Z60663-EMC04

for

TCL Communication Ltd.

Tablet PC

Model Name: 8496G

with

FCC ID: 2ACCJB200

Hardware Version: PIO

Software Version: v3ST5

Issued Date: 2023-06-02

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
I23Z60663-EMC04	Rev.0	1st edition	2023-05-31
I23Z60663-EMC04	Rev.0	Revised EUT information in section 3.4 on page 7	2023-06-02

Note: the latest revision of the test report supersedes all previous versions.

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

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°C

Relative Humidity: 20-75%

1.4. Project data

Testing Start Date: 2023-05-09

Testing End Date: 2023-05-30

1.5. Signature

Li Yan

(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.
Address:	5/F, Building 22E, 22 Science Park East Avenue, Hong Kong Science Park, Shatin, NT, Hong Kong
City:	/
Postal Code:	/
Country:	/
Contact Person:	Annie Jiang
Contact Email	nianxiang.jiang@tcl.com
Telephone:	+86 755 3661 1621
Fax	+86 755 3661 2000-81722

2.2. Manufacturer Information

Company Name:	TCL Communication Ltd.
Address:	5/F, Building 22E, 22 Science Park East Avenue, Hong Kong Science Park, Shatin, NT, Hong Kong
City:	/
Postal Code:	/
Country:	/
Contact Person:	Annie Jiang
Contact Email	nianxiang.jiang@tcl.com
Telephone:	+86 755 3661 1621
Fax	+86 755 3661 2000-81722

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

3.1. About EUT

Description	Tablet PC
Model name	8496G
FCC ID	2ACCJB200

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*	IMEI/SN	HW Version	SW Version
EUT4	B4695F53811822F	PIO	v3ST5

*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*	Name	Model	Manufacturer
AE1	Battery	TLp058C8	Huizhou Ganfeng Lienergy Battery Technology Co.,Ltd.
AE2-1	Adapter(US)	CG10A0502000UU	Huizhou Juwei Electronics Co.,LTD.
AE2-2	Adapter(EU)	CG10A0502000EU	Huizhou Juwei Electronics Co.,LTD.
AE2-3	Adapter(US)	UC13US	HUIZHOU PUAN ELECTRONICS C0., LTD
AE2-4	Adapter(EU)	UC13EU	HUIZHOU PUAN ELECTRONICS C0., LTD
AE2-5	Adapter(UK)	UC13UK	HUIZHOU PUAN ELECTRONICS C0., LTD
AE3	Date Cable	JWUB1581-Y50R	Huizhou Juwei Electronics Co.,LTD.
AE4	Headset	/	/
AE5	USB Cable C TO C	/	/

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

*AE4 and AE5 are not the AE for EUT, provided by the laboratory for relevant tests.

Note: The USB cables are shielded.

3.4. General Description

Equipment under Test (EUT) is a model of Tablet PC with integrated antenna.

Description	Tablet PC		
Model name	8496G		
Marketing name	/		
Brand name	TCL		
Cellular Bands	☐GSM	/	
	☐CDMA	/	
	☐WCDMA	/	
	☐LTE	/	
	☐5G NR SA	/	
	☐5G NR NSA	/	
Unlicensed Radio	☒Wi-Fi	☒802.11b ☒802.11g ☒802.11a	
		☒802.11n	☒20MHz ☒40MHz
		☒802.11ac	☒20MHz ☒40MHz ☒80MHz ☐160MHz
		☐802.11ax	☐20MHz ☐40MHz ☐80MHz ☐160MHz
	☒Bluetooth	☒EDR ☐BLE4 ☒BLE5	
Other	☒GNSS	☒GPS ☒BDS ☒Gallileo ☒Glonass	
	☒FM ☒MP3 ☒MP4 ☒Camera ☒USB		
Temperature	0-40℃		
Normal Voltage	3.85V		
Extreme Low Voltage	3.6V		
Extreme High Voltage	4.3V		

Samples undergoing test were selected by the client.

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

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

3.5. EUT set-ups

EUT set-up No.	Combination of EUT and AE	Mode
Set.1	EUT4 + AE1+ AE2-1 + AE3	Adapter + cable +R Camera
Set.2	EUT4 + AE1+ AE2-3 + AE3	Adapter + cable +MP4
Set.3	EUT4 + AE1+ AE4	Headset + FM
Set.4	EUT4 + AE1+ AE5 + Tablet PC	OTG + F camera
Set.5	EUT4 + AE1+ AE3 + PC	USB mode SD TO PC

4. Reference Documents

4.1. Documents supplied by applicant

EUT parameters are supplied by the client or manufacturer, which is the basis of testing.

4.2. Reference Documents for testing

The following documents listed in this section are referred for testing.

Reference	Title	Version
FCC 47 CFR Part 15, Subpart B	Radio frequency devices - Unintentional Radiators	2021
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 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 6000 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

Test Equipment

NO.	Description	TYPE	SERIES NUMBER	MANUFACTURE	CAL DUE DATE	CALIBRATION INTERVAL
1	Test Receiver	ESW44	103144	R&S	2023-10-25	1 Year
2	EMI Antenna	VULB9163	01223	Schwarzbeck	2024-01-11	1 Year
3	EMI Antenna	3115	00167250	R&S	2023-06-20	1 year
4	LISN	ENV216	101200	R&S	2023-06-29	1 year
5	Test Receiver	ESCI	100344	R&S	2024-02-21	1 year
6	Printer	P1606dn	VNC3L52122	HP	N/A	N/A
7	Keyboard	KU-1601	2048361	Lenovo	N/A	N/A
8	Mouse	EMS-537A	8021S3MC	Lenovo	N/A	N/A
9	PC	M4000e-17	M706RMW2	Lenovo	N/A	N/A

Test Software

Test Item	Test Software and Version	Software Vendor
Radiated Continuous Emission	EMC32 V10.60.20	R&S
Conducted Emission	EMC32 V10.60.20	R&S

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 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 and arranged in a typical configuration in accordance with ANSI C63.4-2014 and manipulated to obtain worst case emissions. The measurement antenna was placed at a distance of 3 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.

For the test setup photographs please see the test setup photos document.

A.1.2 EUT Operating Mode

The MS is operating in the USB mode, charging mode, MP4, MP3, FM, CAMERA, OTG and SD mode.

The FM radio mode radiated testing was performed with the Low/Mid/High channel. Only the worst cases 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.

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.

Limit (10m) = limit (3m) + 20(log (3/10))

A.1.4 Test Condition

Voltage（V）	Frequency（Hz）
120	60

Frequency range (MHz)	RBW/VBW	Sweep Time (s)	Detector
30-1000	120kHz (IF Bandwidth)	5	Peak/Quasi-peak
Above 1000	1MHz/3MHz	15	Peak, Average

A.1.5 Measurement Results

A "reference path loss" is established and the A_{Rpl} is the attenuation of “reference path loss”. It includes the antenna factor of receive antenna and the path loss.

The measurement results are obtained as described below:

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：4.72dB, 1GHz-18GHz：4.84dB, *k*=2.

Set.1, Adapter + cable +R Camera

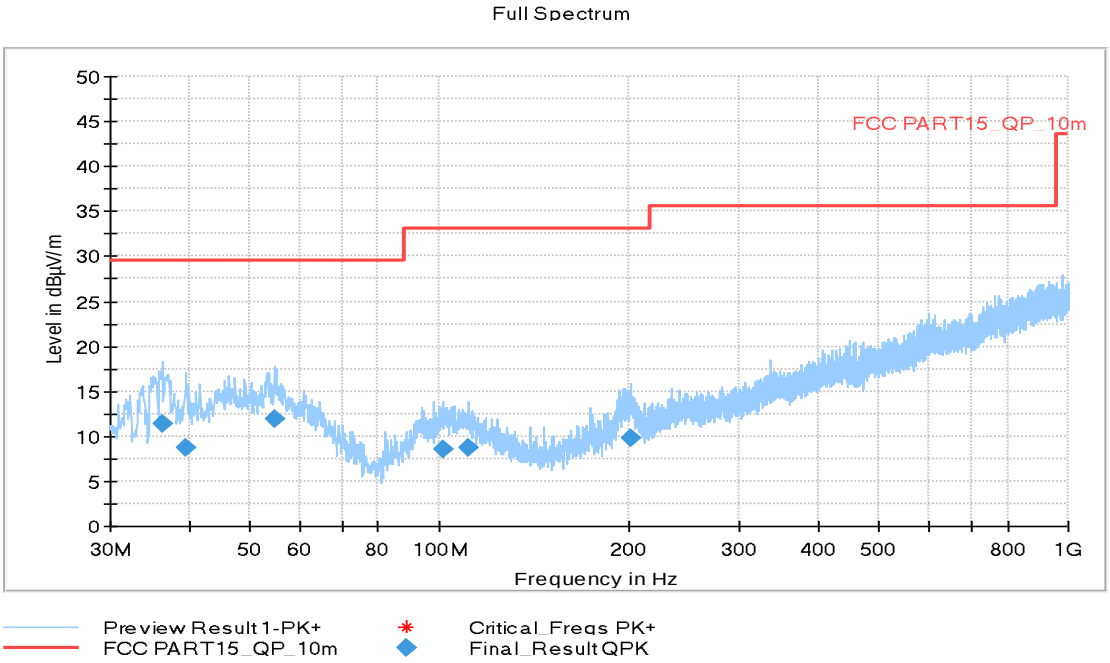


Figure A.1 Radiated Emission from 30MHz to 1GHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
36.305000	11.35	29.54	18.19	120.000	100.0	V	75.0
39.506000	8.78	29.54	20.76	120.000	183.0	V	162.0
54.638000	11.94	29.54	17.60	120.000	125.0	V	149.0
101.10100	8.61	33.06	24.45	120.000	183.0	H	22.0
111.09200	8.72	33.06	24.34	120.000	125.0	V	135.0
201.88400	9.83	33.06	23.23	120.000	275.0	H	59.0

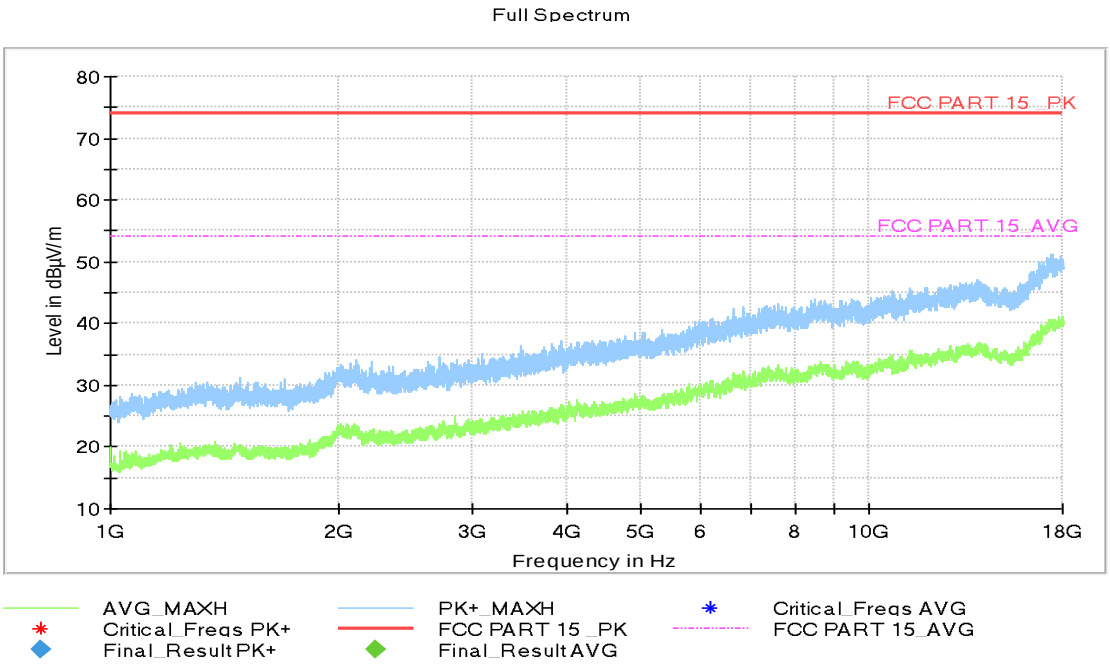


Figure A.2 Radiated Emission from 1GHz to 18GHz

Average detector result

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)
17785.460	41.0	-29.9	46.0	24.932	54.0	13.0	V
17966.680	40.8	-29.1	46.7	23.201	54.0	13.2	V
17798.380	40.6	-29.9	46.0	24.532	54.0	13.4	V
17303.340	40.6	-29.5	43.4	26.726	54.0	13.4	H
17328.840	40.6	-29.7	43.4	26.940	54.0	13.4	V
17346.860	40.5	-30.0	43.4	27.112	54.0	13.5	H

Peak detector result

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)
17373.040	51.1	-30.0	43.4	37.712	74.0	22.9	H
17429.140	51.1	-29.7	44.4	36.460	74.0	22.9	H
17414.520	51.1	-29.4	44.4	36.186	74.0	22.9	H
17859.240	51.0	-29.3	46.0	34.382	74.0	23.0	H
17422.680	50.9	-29.7	44.4	36.260	74.0	23.1	H
17213.240	50.6	-29.5	42.4	37.727	74.0	23.4	H

Set.2, Adapter + cable +MP4

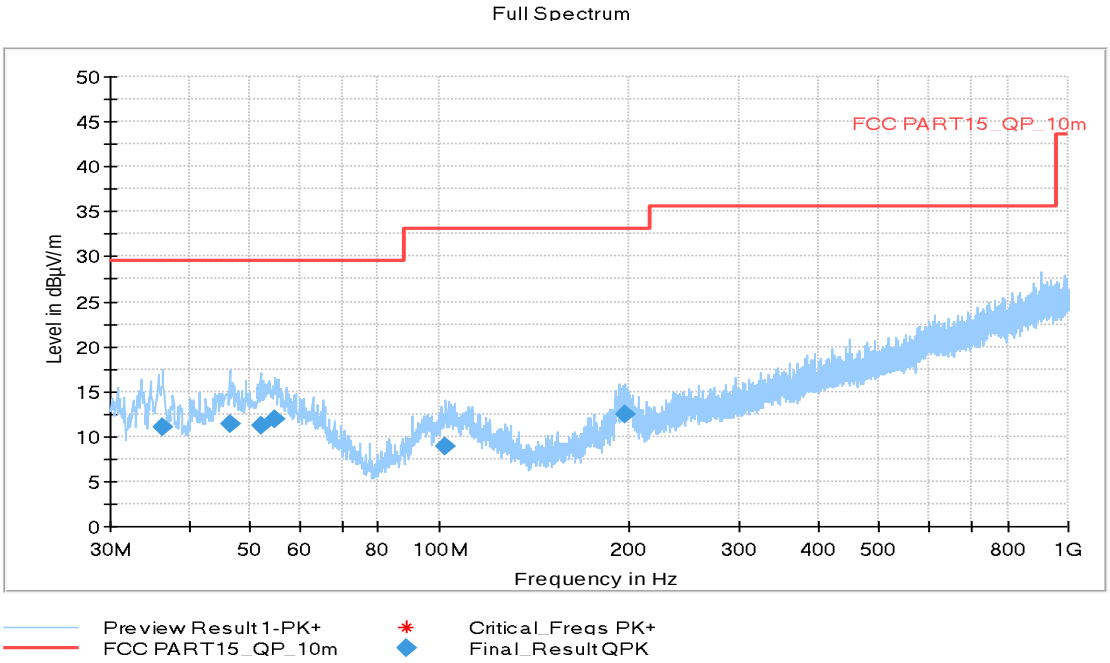


Figure A.3 Radiated Emission from 30MHz to 1GHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
36.305000	11.01	29.54	18.53	120.000	283.0	V	127.0
46.393000	11.30	29.54	18.24	120.000	223.0	V	293.0
52.019000	11.28	29.54	18.26	120.000	183.0	V	22.0
54.735000	11.85	29.54	17.69	120.000	175.0	V	315.0
102.45900	8.89	33.06	24.17	120.000	108.0	V	22.0
197.42200	12.49	33.06	20.57	120.000	108.0	V	22.0

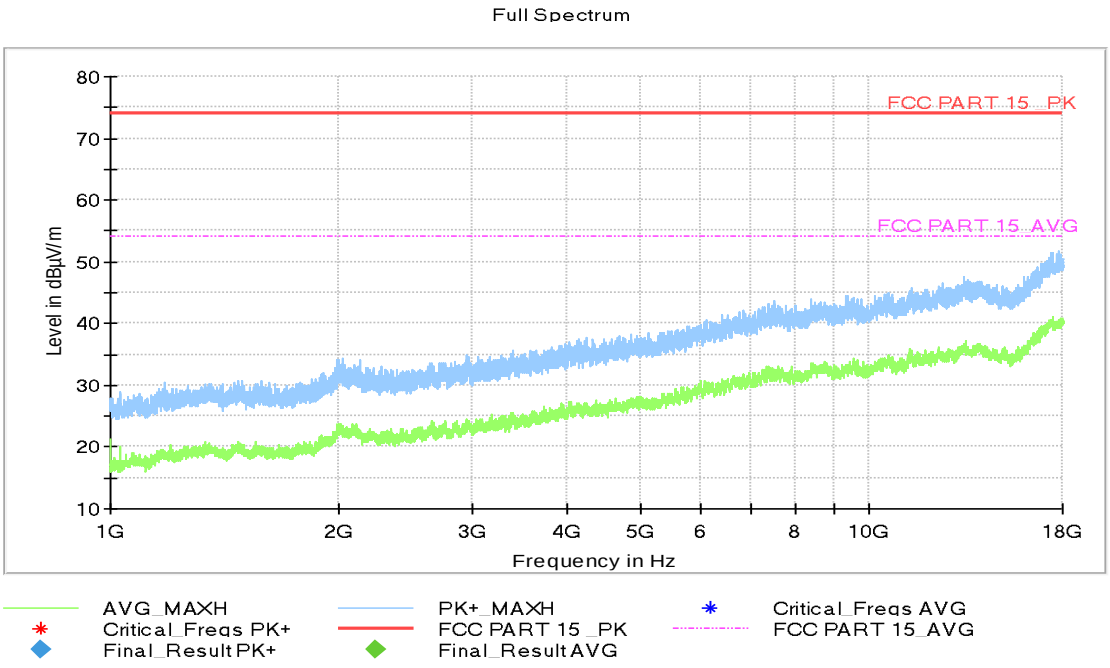


Figure A.4 Radiated Emission from 1GHz to 18GHz

Average detector result

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)
17444.780	41.1	-29.9	44.4	26.617	54.0	12.9	H
17434.920	40.7	-29.7	44.4	26.060	54.0	13.3	V
17904.800	40.5	-29.3	46.0	23.872	54.0	13.5	H
17900.040	40.5	-29.3	46.0	23.872	54.0	13.5	V
17329.520	40.4	-29.7	43.4	26.740	54.0	13.6	H
17435.260	40.4	-29.7	44.4	25.760	54.0	13.6	V

Peak detector result

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)
17762.000	51.6	-29.6	46.0	35.272	74.0	22.4	H
17440.020	51.6	-29.9	44.4	37.117	74.0	22.4	H
17384.600	51.5	-29.8	43.4	37.972	74.0	22.5	H
17929.620	51.2	-29.4	46.7	33.939	74.0	22.8	H
17682.440	51.2	-30.0	45.2	35.934	74.0	22.8	H
17697.740	51.1	-30.0	45.2	35.834	74.0	22.9	V

Set.3, Headset + FM

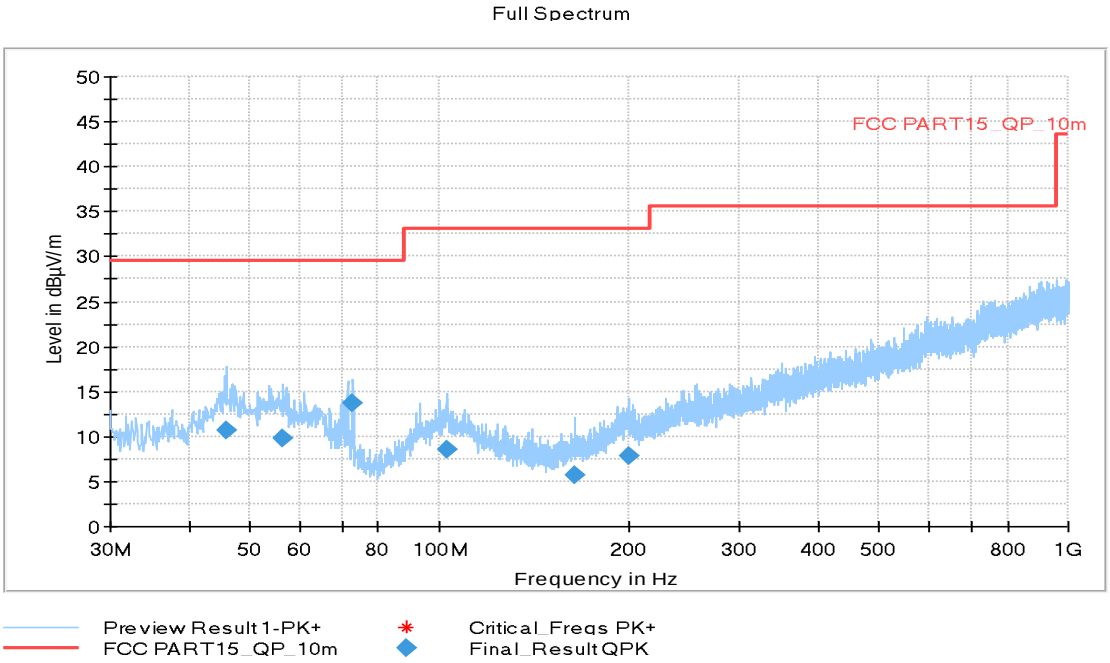


Figure A.5 Radiated Emission from 30MHz to 1GHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
45.908000	10.71	29.54	18.83	120.000	125.0	V	305.0
56.481000	9.81	29.54	19.73	120.000	186.0	H	189.0
72.971000	13.67	29.54	15.87	120.000	175.0	V	315.0
102.84700	8.56	33.06	24.50	120.000	107.0	V	135.0
164.44200	5.74	33.06	27.32	120.000	108.0	V	266.0
200.62300	7.90	33.06	25.16	120.000	323.0	H	45.0

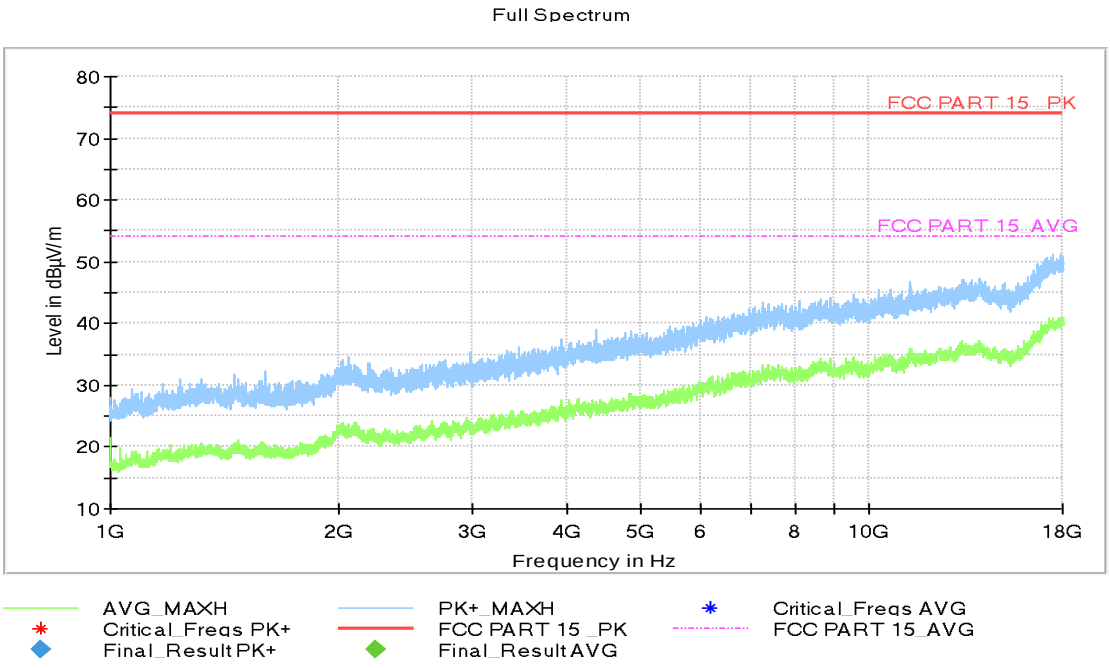


Figure A.6 Radiated Emission from 1GHz to 18GHz

Average detector result

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)
17999.320	40.9	-29.1	46.7	23.298	54.0	13.1	V
17748.740	40.9	-29.6	46.0	24.556	54.0	13.1	V
17993.880	40.8	-29.1	46.7	23.198	54.0	13.2	H
17890.180	40.8	-29.5	46.0	24.380	54.0	13.2	V
17443.760	40.7	-29.9	44.4	26.217	54.0	13.3	V
17892.220	40.7	-29.5	46.0	24.280	54.0	13.3	V

Peak detector result

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)
17451.920	51.3	-29.9	44.4	36.817	74.0	22.7	H
17897.660	51.1	-29.5	46.0	34.680	74.0	22.9	V
17986.060	51.0	-29.1	46.7	33.398	74.0	23.0	V
17944.580	50.9	-28.9	46.7	33.183	74.0	23.1	H
17215.280	50.7	-29.5	43.4	36.831	74.0	23.3	H
17390.040	50.6	-29.8	44.4	36.076	74.0	23.4	H

Set.4, OTG + F camera

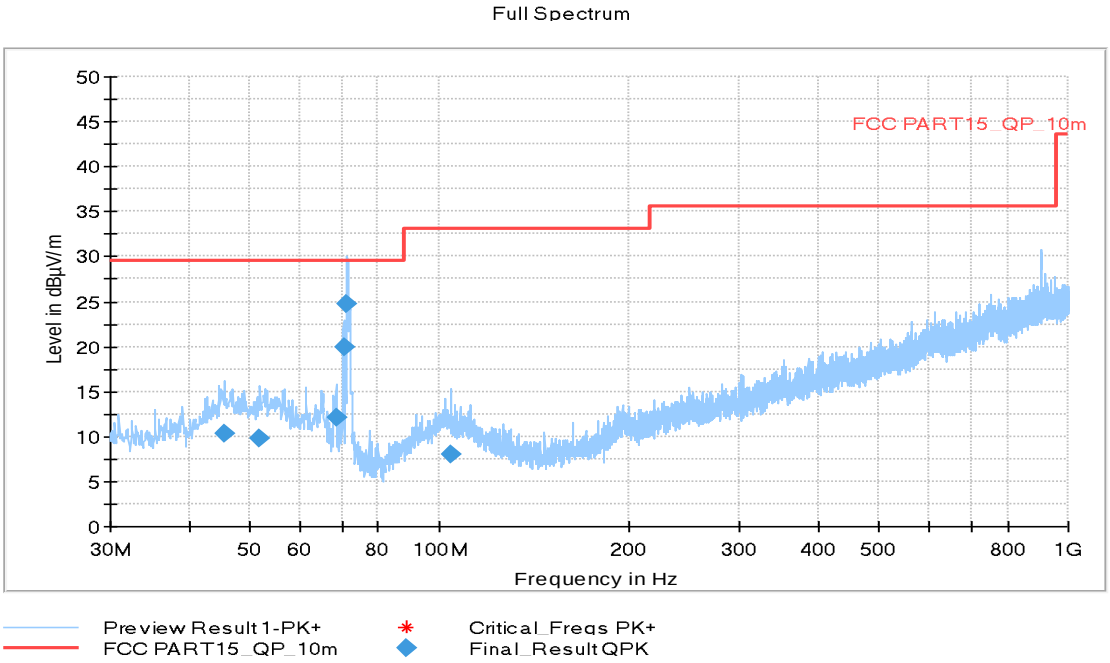


Figure A.7 Radiated Emission from 30MHz to 1GHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
45.520000	10.35	29.54	19.19	120.000	225.0	H	203.0
51.922000	9.87	29.54	19.67	120.000	175.0	H	47.0
68.509000	12.04	29.54	17.50	120.000	325.0	H	162.0
70.449000	19.93	29.54	9.61	120.000	225.0	H	176.0
71.419000	24.79	29.54	4.75	120.000	125.0	H	-18.0
104.39900	8.02	33.06	25.04	120.000	222.0	V	135.0

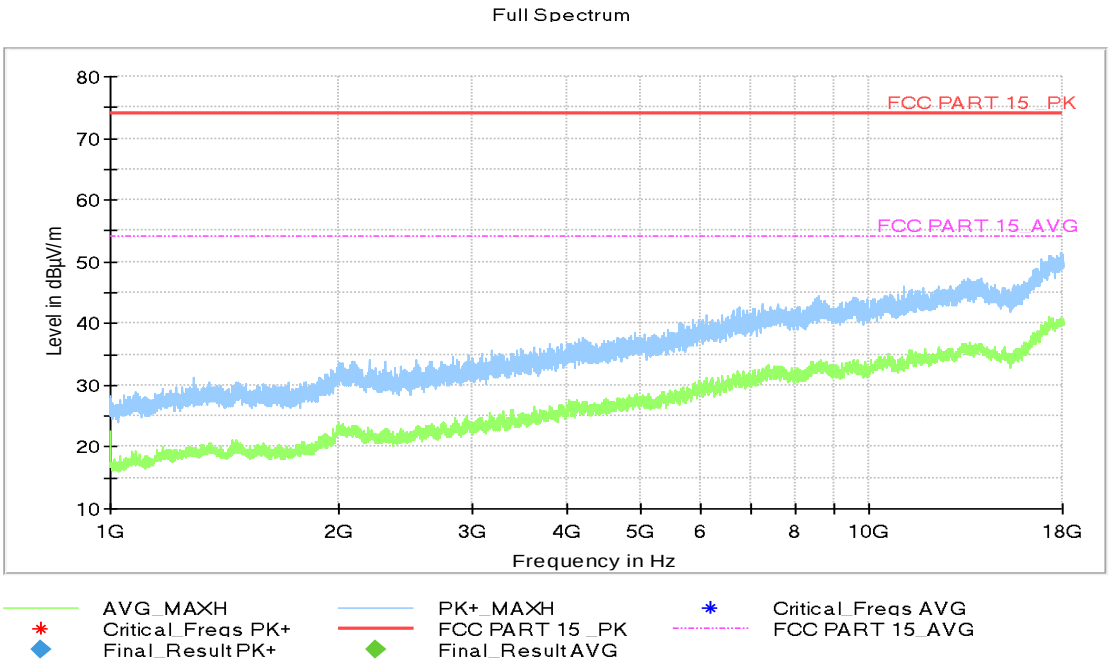


Figure A.8 Radiated Emission from 1GHz to 18GHz

Average detector result

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)
17881.680	40.7	-29.5	46.0	24.280	54.0	13.3	V
17364.880	40.7	-30.0	43.4	27.312	54.0	13.3	V
17966.340	40.7	-29.1	46.7	23.101	54.0	13.3	V
17432.200	40.7	-29.7	44.4	26.060	54.0	13.3	H
17995.920	40.7	-29.1	46.7	23.098	54.0	13.3	V
17714.740	40.6	-29.7	45.2	25.087	54.0	13.4	H

Peak detector result

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)
17945.600	51.5	-28.9	46.7	33.783	74.0	22.5	H
17960.220	51.1	-29.1	46.7	33.501	74.0	22.9	H
17683.460	51.1	-30.0	45.2	35.834	74.0	22.9	H
17994.220	51.1	-29.1	46.7	33.498	74.0	22.9	H
17361.140	51.0	-30.0	43.4	37.612	74.0	23.0	H
17315.920	50.8	-29.5	43.4	36.926	74.0	23.2	H

Set.5, USB mode SD TO PC

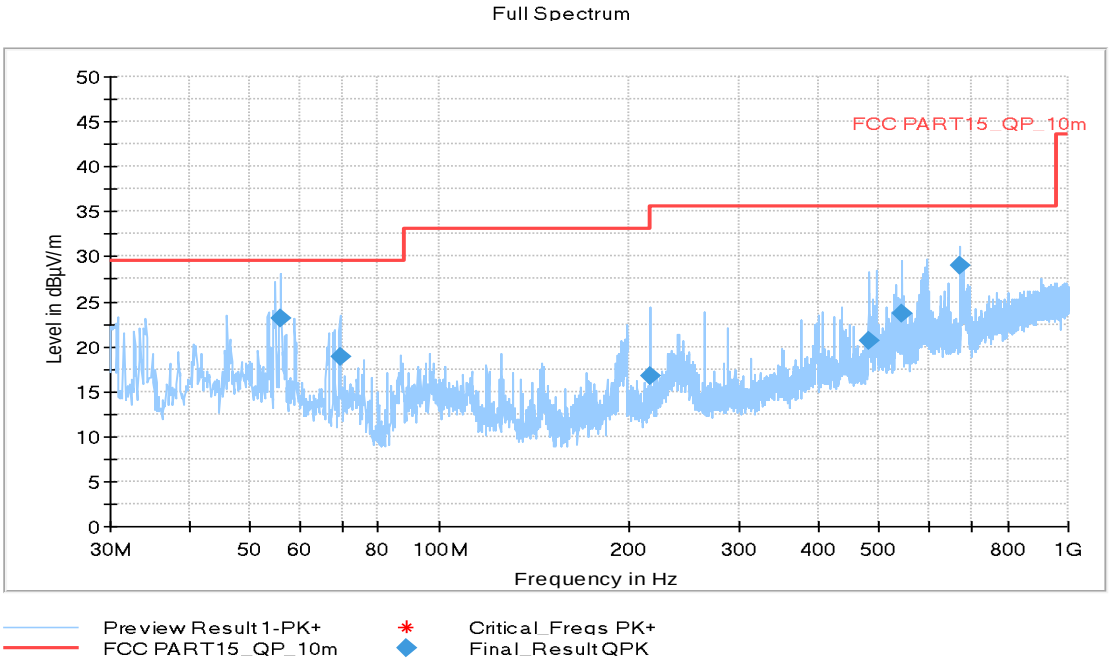


Figure A.9 Radiated Emission from 30MHz to 1GHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
55.899000	23.09	29.54	6.45	120.000	283.0	V	135.0
69.479000	18.86	29.54	10.68	120.000	325.0	V	225.0
215.94900	16.74	33.06	16.32	120.000	100.0	V	188.0
480.85600	20.59	35.56	14.97	120.000	275.0	V	-18.0
543.71200	23.74	35.56	11.82	120.000	225.0	V	-4.0
673.88600	28.95	35.56	6.61	120.000	125.0	V	-14.0

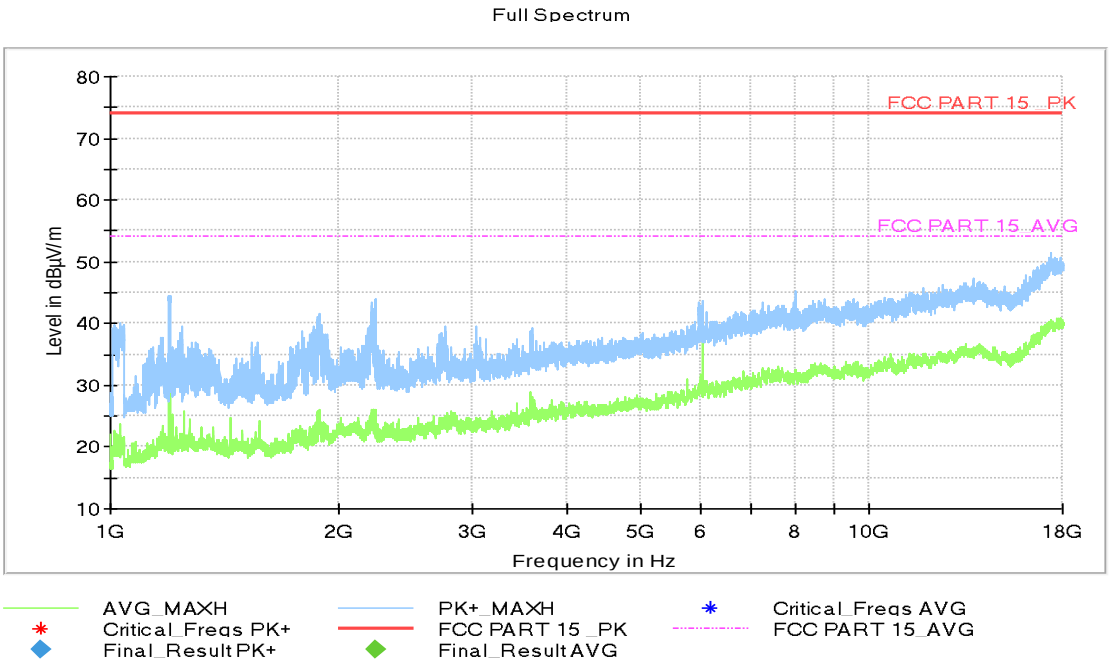


Figure A.10 Radiated Emission from 1GHz to 18GHz

Average detector result

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)
17893.920	40.9	-29.5	46.0	24.480	54.0	13.1	V
17695.360	40.8	-30.0	45.2	25.534	54.0	13.2	H
17810.620	40.8	-29.6	46.0	24.476	54.0	13.2	H
17910.920	40.7	-29.3	46.0	24.072	54.0	13.3	V
17916.020	40.7	-29.3	46.7	23.365	54.0	13.3	H
17377.460	40.7	-30.0	43.4	27.312	54.0	13.3	V

Peak detector result

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)
17338.700	51.5	-29.7	43.4	37.840	74.0	22.5	H
17913.640	50.7	-29.3	46.0	34.072	74.0	23.3	V
17612.400	50.7	-29.5	45.2	34.972	74.0	23.3	V
17239.760	50.7	-29.6	43.4	36.909	74.0	23.3	V
17918.060	50.6	-29.3	46.7	33.265	74.0	23.4	H
17442.740	50.6	-29.9	44.4	36.117	74.0	23.4	V

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.

For the test setup photographs please see the test setup photos document.

A.2.2 EUT Operating Mode

The MS is operating in the USB mode, charging mode, MP4, CAMERA and SD mode.

The software is used to let the PC keep on copying data to MS, 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

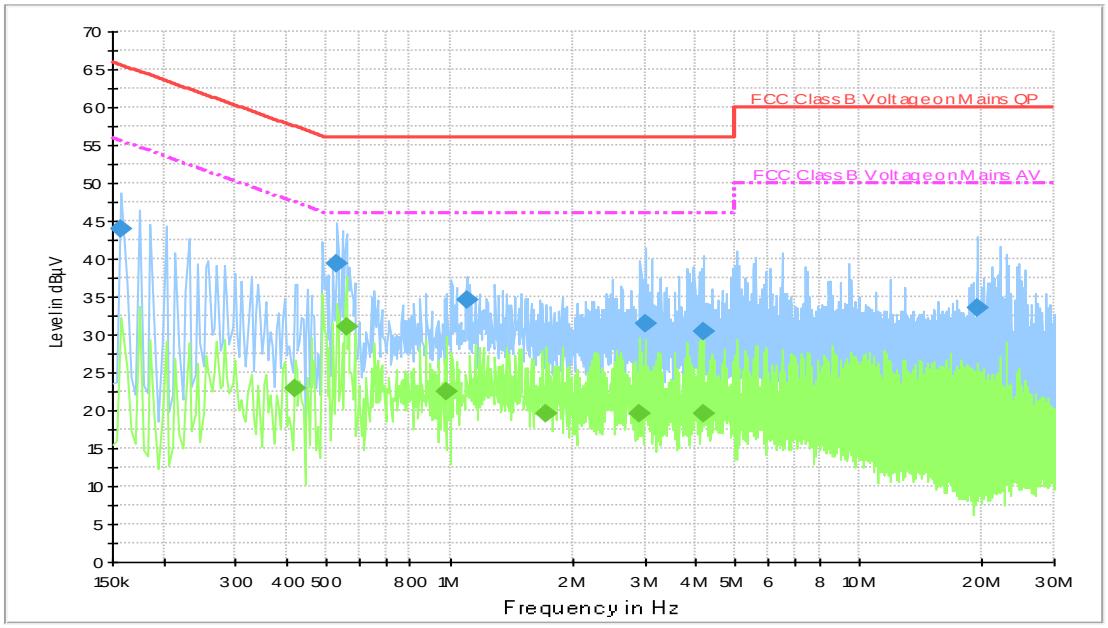
Voltage（V）	Frequency（Hz）
120	60

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

A.2.5 Measurement Results

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

Set.1



Note: The graphic result above is the maximum of the measurements for both phase line and neutral line.

Figure A.11 Conducted Emission

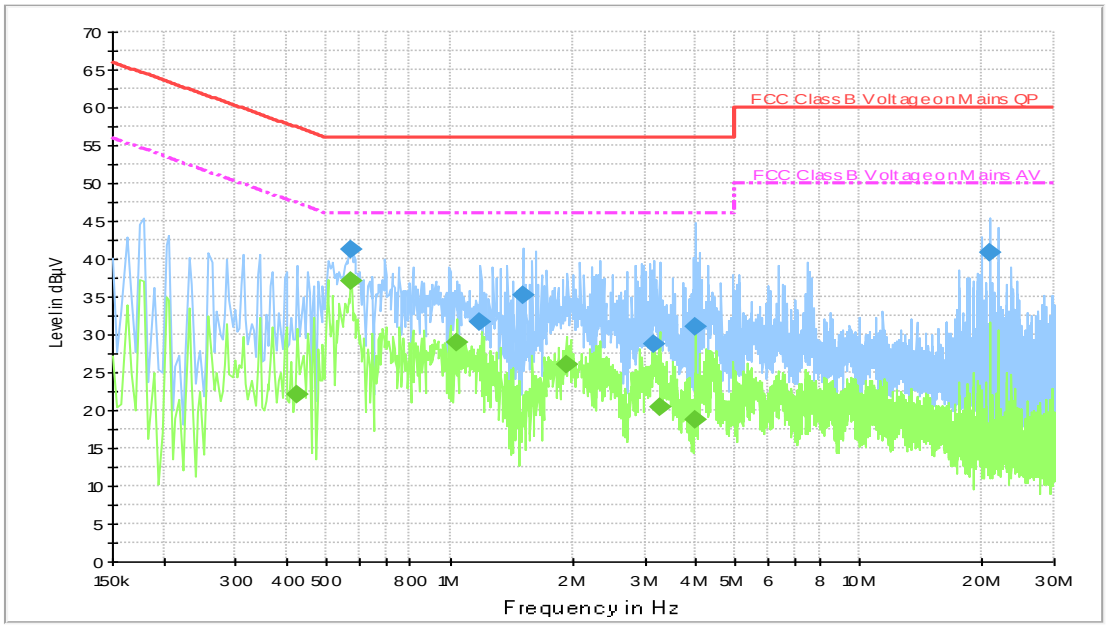
Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.158000	44.0	2000.0	9.000	On	N	19.7	21.6	65.6
0.530000	39.3	2000.0	9.000	On	L1	19.7	16.7	56.0
1.098000	34.6	2000.0	9.000	On	L1	19.6	21.4	56.0
2.998000	31.4	2000.0	9.000	On	N	19.6	24.6	56.0
4.154000	30.4	2000.0	9.000	On	L1	19.6	25.6	56.0
19.390000	33.5	2000.0	9.000	On	N	19.8	26.5	60.0

Final Result 2

Frequency (MHz)	Average (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.418000	23.0	2000.0	9.000	On	N	19.7	24.5	47.5
0.558000	31.0	2000.0	9.000	On	L1	19.7	15.0	46.0
0.982000	22.5	2000.0	9.000	On	N	19.6	23.5	46.0
1.714000	19.7	2000.0	9.000	On	L1	19.6	26.3	46.0
2.922000	19.5	2000.0	9.000	On	L1	19.6	26.5	46.0
4.154000	19.6	2000.0	9.000	On	L1	19.6	26.4	46.0

Set.2



Note: The graphic result above is the maximum of the measurements for both phase line and neutral line.

Figure A.12 Conducted Emission

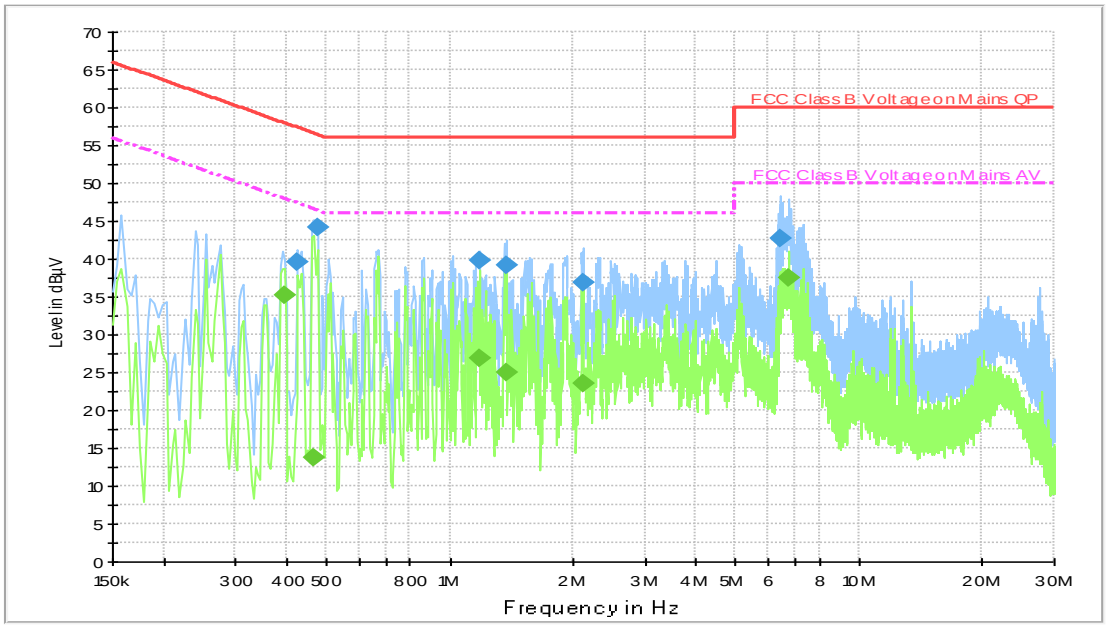
Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.574000	41.3	2000.0	9.000	On	N	19.7	14.7	56.0
1.190000	31.8	2000.0	9.000	On	L1	19.6	24.2	56.0
1.506000	35.1	2000.0	9.000	On	L1	19.6	20.9	56.0
3.154000	28.7	2000.0	9.000	On	L1	19.6	27.3	56.0
3.998000	31.0	2000.0	9.000	On	L1	19.6	25.0	56.0
20.998000	40.9	2000.0	9.000	On	L1	19.7	19.1	60.0

Final Result 2

Frequency (MHz)	Average (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.422000	22.1	2000.0	9.000	On	L1	19.7	25.3	47.4
0.574000	37.1	2000.0	9.000	On	N	19.7	8.9	46.0
1.042000	29.0	2000.0	9.000	On	N	19.6	17.0	46.0
1.922000	26.0	2000.0	9.000	On	N	19.6	20.0	46.0
3.250000	20.4	2000.0	9.000	On	L1	19.6	25.6	46.0
3.998000	18.7	2000.0	9.000	On	L1	19.6	27.3	46.0

Set.5



Note: The graphic result above is the maximum of the measurements for both phase line and neutral line.

Figure A.13 Conducted Emission

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.426000	39.7	2000.0	9.000	On	L1	19.7	17.7	57.3
0.474000	44.2	2000.0	9.000	On	L1	19.7	12.2	56.4
1.182000	39.7	2000.0	9.000	On	L1	19.7	16.3	56.0
1.374000	39.2	2000.0	9.000	On	L1	19.6	16.8	56.0
2.126000	36.9	2000.0	9.000	On	N	19.6	19.1	56.0
6.446000	42.8	2000.0	9.000	On	L1	19.6	17.2	60.0

Final Result 2

Frequency (MHz)	Average (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.394000	35.1	2000.0	9.000	On	L1	19.7	12.8	48.0
0.466000	13.8	2000.0	9.000	On	N	19.7	32.8	46.6
1.182000	26.9	2000.0	9.000	On	N	19.6	19.1	46.0
1.374000	24.9	2000.0	9.000	On	L1	19.6	21.1	46.0
2.126000	23.6	2000.0	9.000	On	N	19.6	22.4	46.0
6.702000	37.5	2000.0	9.000	On	L1	19.6	12.5	50.0

.

ANNEX B: Persons involved in this testing

Test Item	Tester
Radiated Emission	Ding Zai
Conducted Emission	Li Pengfei

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