



FCC 15B TEST REPORT

No. I20Z61660-EMC01

for

Lenovo (Shanghai) Electronics Technology Co., Ltd.

Portable Tablet Computer

Model Name: Lenovo TB-J606F

FCC ID: O57TBJ606F

with

Hardware Version: Lenovo TB-J606F

Software Version: TB-J606F_RF01_200927

Issued Date: 2020-11-05

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:

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REPORT HISTORY

Report Number	Revision	Description	Issue Date
I20Z61660-EMC01	Rev.0	1 st edition	2020-11-05

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.....	8
4. REFERENCE DOCUMENTS.....	9
4.1. REFERENCE DOCUMENTS FOR TESTING.....	9
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.....	31

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: 2020-09-28

Testing End Date: 2020-11-05

1.4. Signature



An Hui

(Prepared this test report)



Zhang Ying

(Reviewed this test report)



Zhang Xia

(Approved this test report)

2. Client Information

2.1. Applicant Information

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2.2. Manufacturer Information

Company Name: Lenovo PC HK Limited
Address: 23/F, Lincoln House, Taikoo Place 979 King's Road, Quarry Bay,
Hong Kong, P.R.China
City: /
Postal Code: /
Country: /
Contact: Spring Zhou
Email: zhoucb1@lenovo.com
Telephone: +86 18116118237
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3. Equipment Under Test (EUT) and Ancillary Equipment (AE)

3.1. About EUT

Description	Portable Tablet Computer
Model Name	Lenovo TB-J606F
FCC ID	O57TBJ606F

The Equipment under Test (EUT) is a model of Portable Tablet Computer with integrated antenna. Manual and specifications of the EUT were provided to fulfil the test.

Samples undergoing test were selected by the client.

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	HA16H66H	Lenovo TB-J606F	TB-J606F_RF01_200927
EUT2	HA16H7PS	Lenovo TB-J606F	TB-J606F_RF01_200927
EUT3	HA16JNGT	Lenovo TB-J606F	TB-J606F_RF01_200927

*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	Charger	/	MC-201
AE1-2	Charger	/	MC-201
AE8	USB Cable	/	/
AE15	USB Cable	/	Liqi
AE9	Battery	/	SCUD
AE10	Battery	/	Sunwoda
AE11	Headset	/	/

AE1-1

Model	MC-201
Manufacturer	Acbel
Length of cable	/

AE1-2

Model	MC-201
Manufacturer	Chenyang
Length of cable	/

AE8

Model	USB Cable
Manufacturer	/
Length of cable	/

AE15

Model	L50B-05200100
Manufacturer	Liqi
Length of cable	/

AE9

Model	L20D2P32
Manufacturer	SCUD
Capacitance	7500mAh
Nominal voltage	3.86V

AE10

Model	L20D2P32
Manufacturer	Sunwoda
Capacitance	7500mAh
Nominal voltage	3.86V

AE11

Model	Headset
Manufacturer	/
Length of cable	/

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

3.4. EUT set-ups

EUT set-up No.	Combination of EUT and AE	Remarks
Set.1	EUT1 + AE1-1+ AE8 + AE9	Charger1 + MP3
Set.2	EUT1 + AE1-2+ AE8 + AE9	Charger2 + MP4
Set.7	EUT1 + AE8 + AE9	USB
Set.8	EUT1 + AE9 + AE11	FM (88MHz/98MHz/108MHz) Worst case
Set.9	EUT2+ AE1-1+ AE8 + AE9	Charger1 + Back Camera
Set.10	EUT3 + AE1-1+ AE8 + AE9	Charger1 + Front Camera

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	10-1-16 Edition
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 M
Ground system resistance	< 4
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 M
Ground system resistance	< 4

6. SUMMARY OF TEST RESULTS

Abbreviations used in this clause:		
Verdict Column	P	Pass
	NA	Not applicable
	F	Fail
Location Column	1/2/4	The test is performed in test location 1/2/4 which is described in section 1.1 of this report

Items	Test Name	Clause in FCC rules	Section in this report	Verdict	Test Location
1	Radiated Emission	15.109(a)	A.1	P	1
2	Conducted Emission	15.107(a)	A.2	P	1

7. Test Equipments Utilized

NO.	Description	TYPE	SERIES NUMBER	MANUFACTURE	CAL DUE DATE	CALIBRATION INTERVAL
1	LISN	ENV216	101200	Rohde & Schwarz	1 year	2021-05-19
2	Test Receiver	ESCI 7	100344	Rohde & Schwarz	1 Year	2021-02-26
	Test Receiver	ESU26	100235	Rohde & Schwarz	1 Year	2021-03-03
4	BiLog Antenna	VULB9163	9163-1223	Schwarzbeck	1 Year	2021-03-18
5	Dual-Ridge Waveguide Horn Antenna	3115	6914	ETS-Lindgren	1 Year	2021-01-14

Test Item	Test Software and Version	Software Vendor
Radiated Continuous Emission	EMC32 V9.01.0	R&S
Conducted Emission	EMC32 V8.52.0	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 (charging mode and FM mode of MS) 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 2.2, are investigated. Only the worst case emissions are reported.

All equipment is placed on the test table top and arranged in a typical configuration in accordance with ANSI C63.4-2014 and manipulated to obtain worst case emissions.

A.1.3 Measurement Limit

Frequency range (MHz)	Field strength limit ($\mu\text{V/m}$)		
	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:

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

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, $k=2$.

Note: Test result is the worst result in LTE B5,LTE B13,LTE B17.

Measurement results for Set.1:

Charger1 + MP3 QP detector

Frequency (MHz)	QuasiPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)
41.021000	13.31	30.00	16.69	291.0	V	60.0
48.005000	26.21	30.00	3.79	176.0	V	265.0
72.024000	23.22	30.00	6.78	112.0	V	64.0
99.517000	8.93	33.50	24.59	125.0	V	30.0
580.932000	17.37	36.00	18.65	304.0	V	108.0
902.843000	21.84	36.00	14.18	188.0	V	203.0

Charger1 + MP3 Average detector

Frequency (MHz)	Result (dB μ V/m)	G_{PL} (dB)	G_A (dB/m)	P_{Mea} (dB μ V)	Polarity	Limit (dB μ V/m)	Margin (dB)
17977.333	48.3	-17.7	45.6	20.400	H	54	5.7
17951.267	48.2	-17.7	45.6	20.300	H	54	5.8
17983.567	48.2	-17.7	45.6	20.300	V	54	5.8
17900.267	48.2	-18.5	45.6	21.100	H	54	5.8
17933.133	48.2	-17.7	45.6	20.300	H	54	5.8
17973.367	47.9	-17.7	45.6	20.000	H	54	6.1

Charger1 + MP3 Peak detector

Frequency (MHz)	Result (dB μ V/m)	G_{PL} (dB)	G_A (dB/m)	P_{Mea} (dB μ V)	Polarity	Limit (dB μ V/m)	Margin (dB)
17989.233	57.1	-17.7	45.6	29.200	H	74	16.9
17864.567	57.0	-18.5	45.6	29.900	H	74	17.0
17987.533	56.9	-17.7	45.6	29.000	V	74	17.1
17997.733	56.7	-17.7	45.6	28.800	H	74	17.3
17999.433	56.4	-17.7	45.6	28.500	H	74	17.6
17842.467	56.3	-18.5	45.6	29.200	H	74	17.7

Measurement results for Set.2:
Charger2 + MP3 QP detector

Frequency (MHz)	QuasiPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)
47.982000	24.40	30.00	5.60	177.0	V	210.0
54.638000	14.17	30.00	15.83	101.0	V	186.0
71.987000	24.11	30.00	5.89	280.0	V	61.0
137.989000	14.28	33.50	19.24	125.0	V	30.0
200.004000	16.37	33.50	17.15	305.0	V	19.0
685.475000	18.62	36.00	17.40	125.0	V	-9.0

Charger2 + MP3 Mode /Average detector

Frequency (MHz)	Result (dB μ V/m)	G _{PL} (dB)	G _A (dB/m)	P _{Mea} (dB μ V)	Polarity	Limit (dB μ V/m)	Margin (dB)
17958.633	48.3	-17.7	45.6	20.400	H	54	5.7
17980.733	48.3	-17.7	45.6	20.400	H	54	5.7
17913.300	48.2	-18.5	45.6	21.100	V	54	5.8
17861.167	47.9	-18.5	45.6	20.800	H	54	6.1
17977.333	47.8	-17.7	45.6	19.900	H	54	6.2
17996.033	47.8	-17.7	45.6	19.900	H	54	6.2

Charger2 + MP3 Mode /Peak detector

Frequency (MHz)	Result (dB μ V/m)	G _{PL} (dB)	G _A (dB/m)	P _{Mea} (dB μ V)	Polarity	Limit (dB μ V/m)	Margin (dB)
17958.633	56.9	-17.7	45.6	29.000	H	74	17.1
17977.900	56.9	-17.7	45.6	29.000	H	74	17.1
17963.167	56.7	-17.7	45.6	28.800	V	74	17.3
17988.667	56.7	-17.7	45.6	28.800	H	74	17.3
17996.033	56.7	-17.7	45.6	28.800	H	74	17.3
17823.200	56.4	-18.5	45.6	29.300	H	74	17.6

Measurement results for Set.7:
USB QP detector

Frequency (MHz)	QuasiPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)
47.945000	20.42	30.00	9.58	118.0	V	151.0
57.742000	9.75	30.00	20.25	125.0	V	178.0
100.034000	15.27	30.00	14.73	119.0	V	120.0
135.439000	17.97	30.00	12.03	109.0	V	161.0
165.994000	17.87	30.00	12.13	112.0	V	210.0
302.376000	21.18	37.00	15.82	108.0	V	61.0

USB Average detector

Frequency (MHz)	Result (dB μ V/m)	G _{PL} (dB)	G _A (dB/m)	P _{Mea} (dB μ V)	Polarity	Limit (dB μ V/m)	Margin (dB)
17913.867	48.9	-18.5	45.6	21.800	H	54	5.1
17966.567	48.5	-17.7	45.6	20.600	H	54	5.5
17982.433	48.4	-17.7	45.6	20.500	V	54	5.6
17967.133	48.2	-17.7	45.6	20.300	H	54	5.8
17994.900	48.2	-17.7	45.6	20.300	H	54	5.8
17985.833	48.0	-17.7	45.6	20.100	H	54	6.0

USB Peak detector

Frequency (MHz)	Result (dB μ V/m)	G _{PL} (dB)	G _A (dB/m)	P _{Mea} (dB μ V)	Polarity	Limit (dB μ V/m)	Margin (dB)
17935.400	57.1	-17.7	45.6	29.200	H	74	16.9
17820.933	57.0	-18.5	45.6	29.900	H	74	17.0
17998.867	57.0	-17.7	45.6	29.100	V	74	17.0
17967.133	56.5	-17.7	45.6	28.600	H	74	17.5
17979.600	56.5	-17.7	45.6	28.600	H	74	17.5
17976.767	56.5	-17.7	45.6	28.600	H	74	17.5

Measurement results for Set.8:
FM QP detector

Frequency (MHz)	QuasiPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)
48.005000	12.46	30.00	17.54	207.0	V	240.0
72.001000	17.16	30.00	12.84	276.0	V	272.0
99.701000	8.41	33.50	25.11	225.0	V	-24.0
200.041000	15.46	33.50	18.06	288.0	V	210.0
375.029000	15.31	36.00	20.71	299.0	V	277.0
499.642000	15.31	36.00	20.71	101.0	V	-30.0

FM Average detector

Frequency (MHz)	Result (dB μ V/m)	G _{PL} (dB)	G _A (dB/m)	P _{Mea} (dB μ V)	Polarity	Limit (dB μ V/m)	Margin (dB)
17997.733	48.8	-17.7	45.6	20.900	H	54	4.7
17990.367	48.4	-17.7	45.6	20.500	H	54	5.7
17988.667	48.3	-17.7	45.6	20.400	V	54	5.7
17979.033	48.3	-17.7	45.6	20.400	H	54	5.8
17907.633	48.3	-18.5	45.6	21.200	H	54	5.8
17913.300	48.3	-18.5	45.6	21.200	H	54	5.9

FM Peak detector

Frequency (MHz)	Result (dB μ V/m)	G _{PL} (dB)	G _A (dB/m)	P _{Mea} (dB μ V)	Polarity	Limit (dB μ V/m)	Margin (dB)
17979.033	57.4	-17.7	45.6	29.500	H	74	16.6
17981.867	57.0	-17.7	45.6	29.100	H	74	17.0
17897.433	56.3	-18.5	45.6	29.200	V	74	17.7
17992.633	56.3	-17.7	45.6	28.400	H	74	17.7
17993.200	56.3	-17.7	45.6	28.400	H	74	17.7
17943.333	56.1	-17.7	45.6	28.200	H	74	17.9

Measurement results for Set.9:
Charger1 + MP3 QP detector

Frequency (MHz)	QuasiPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)
37.575000	15.90	30.00	14.10	120.000	116.0	V
48.042000	26.42	30.00	3.58	120.000	282.0	V
71.978000	22.55	30.00	7.45	120.000	284.0	V
100.034000	14.20	33.50	19.32	120.000	117.0	V
167.994000	9.04	33.50	24.48	120.000	101.0	V
300.011000	16.37	36.00	19.65	120.000	118.0	V

Charger1 + MP3 Average detector

Frequency (MHz)	Result (dB μ V/m)	G _{PL} (dB)	G _A (dB/m)	P _{Mea} (dB μ V)	Polarity	Limit (dB μ V/m)	Margin (dB)
17983.000	49.2	-17.7	45.6	21.300	H	54	4.8
17972.233	48.9	-17.7	45.6	21.000	H	54	5.1
17937.667	48.4	-17.7	45.6	20.500	V	54	5.6
17998.300	48.4	-17.7	45.6	20.500	H	54	5.6
17943.900	48.4	-17.7	45.6	20.500	H	54	5.6
17992.067	48.3	-17.7	45.6	20.400	H	54	5.7

Charger1 + MP3 Peak detector

Frequency (MHz)	Result (dB μ V/m)	G _{PL} (dB)	G _A (dB/m)	P _{Mea} (dB μ V)	Polarity	Limit (dB μ V/m)	Margin (dB)
17997.167	58.4	-17.7	45.6	30.500	H	74	15.6
17960.900	57.5	-17.7	45.6	29.600	H	74	16.5
17989.233	57.3	-17.7	45.6	29.400	V	74	16.7
17985.833	57.1	-17.7	45.6	29.200	H	74	16.9
18000.000	56.9	-45.6	44.5	57.966	H	74	17.1
17944.467	56.8	-17.7	45.6	28.900	H	74	17.2

Measurement results for Set.10:
Charger1 + MP3 QP detector

Frequency (MHz)	QuasiPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)
40.037000	17.24	30.00	12.76	109.0	V	112.0
48.065000	28.92	30.00	1.08	117.0	V	293.0
72.001000	25.55	30.00	4.45	180.0	V	-29.0
99.974000	13.82	33.50	19.70	125.0	V	60.0
156.936000	9.22	33.50	24.30	116.0	V	5.0
300.011000	16.05	36.00	19.97	182.0	V	30.0

Charger1 + MP3 Average detector

Frequency (MHz)	Result (dB μ V/m)	G _{PL} (dB)	G _A (dB/m)	P _{Mea} (dB μ V)	Polarity	Limit (dB μ V/m)	Margin (dB)
17979.600	49.6	-17.7	45.6	21.700	H	54	4.9
17969.400	49.1	-17.7	45.6	21.200	H	54	5.2
17967.133	48.8	-17.7	45.6	20.900	V	54	5.4
17984.700	48.6	-17.7	45.6	20.700	H	54	5.5
17999.433	48.5	-17.7	45.6	20.600	H	54	5.7
17995.467	48.3	-17.7	45.6	20.400	H	54	5.7

Charger1 + MP3 Peak detector

Frequency (MHz)	Result (dB μ V/m)	G _{PL} (dB)	G _A (dB/m)	P _{Mea} (dB μ V)	Polarity	Limit (dB μ V/m)	Margin (dB)
17995.467	58.1	-17.7	45.6	30.200	H	74	15.9
17932.567	57.5	-17.7	45.6	29.600	H	74	16.5
17986.967	57.4	-17.7	45.6	29.500	V	74	16.6
17975.067	57.3	-17.7	45.6	29.400	H	74	16.7
17890.633	57.3	-18.5	45.6	30.200	H	74	16.7
17912.733	56.9	-18.5	45.6	29.800	H	74	17.1

Set.1

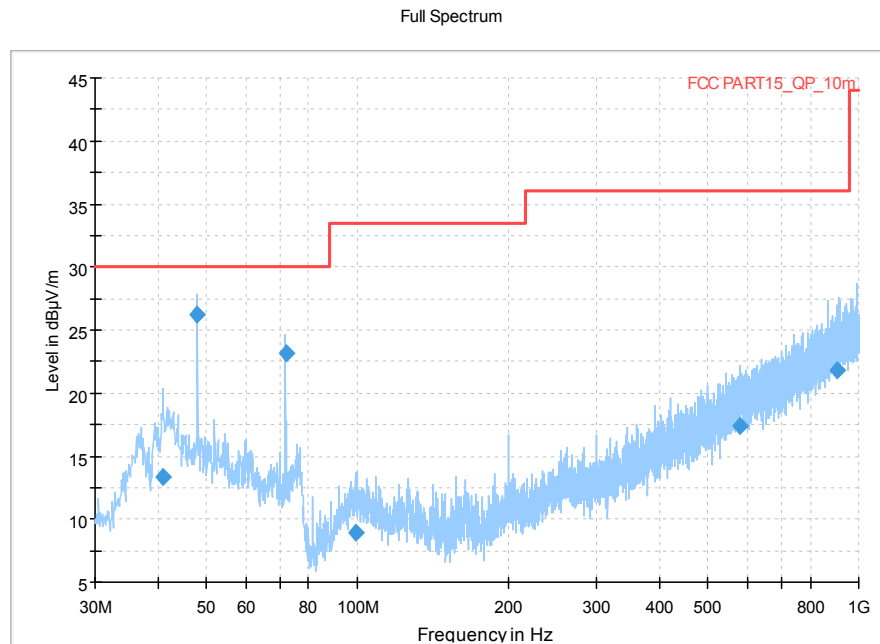


Figure A.1 Radiated Emission from 30MHz to 1GHz

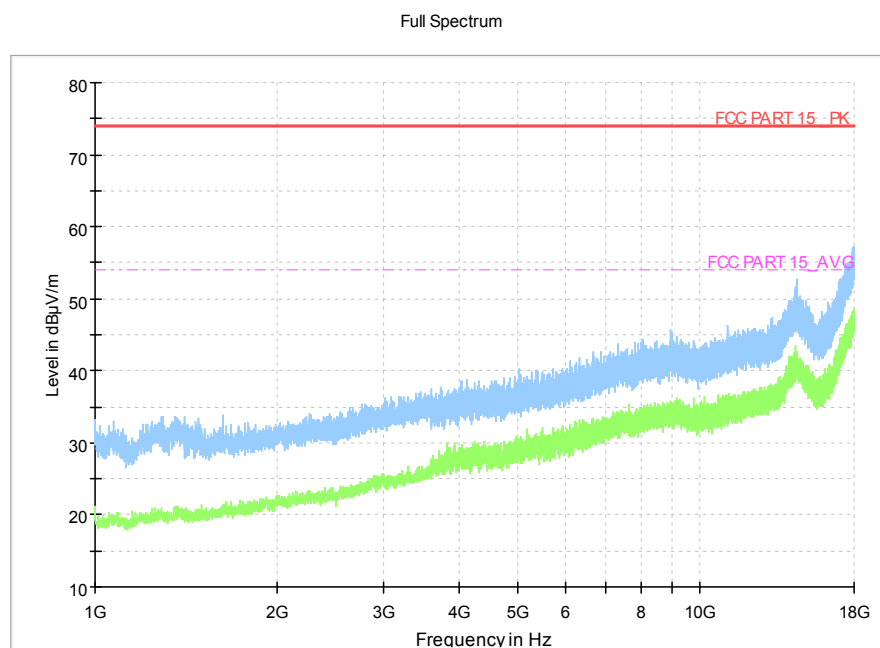


Figure A.2 Radiated Emission from 1GHz to 18GHz

Set.2

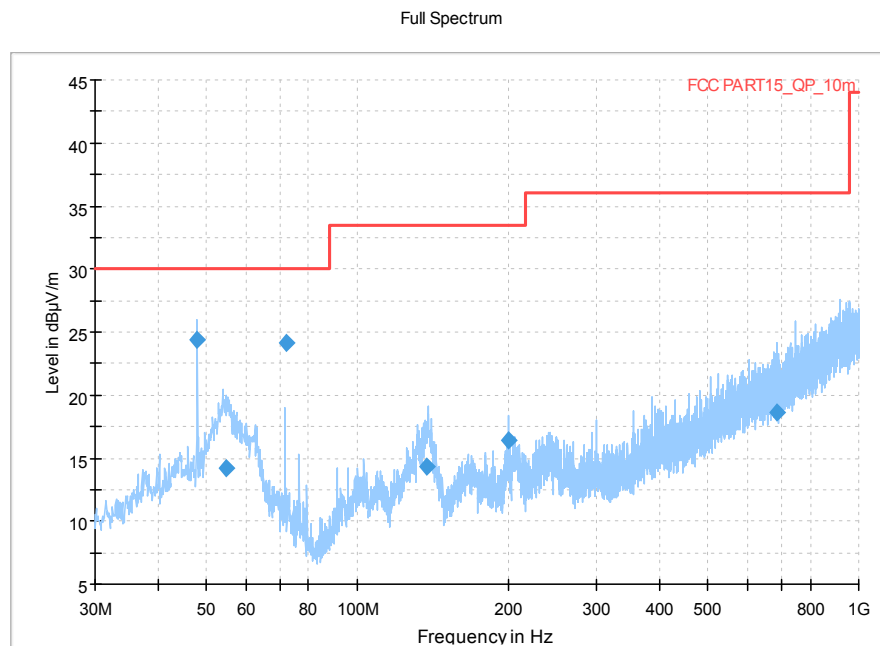


Figure A.3 Radiated Emission from 30MHz to 1GHz

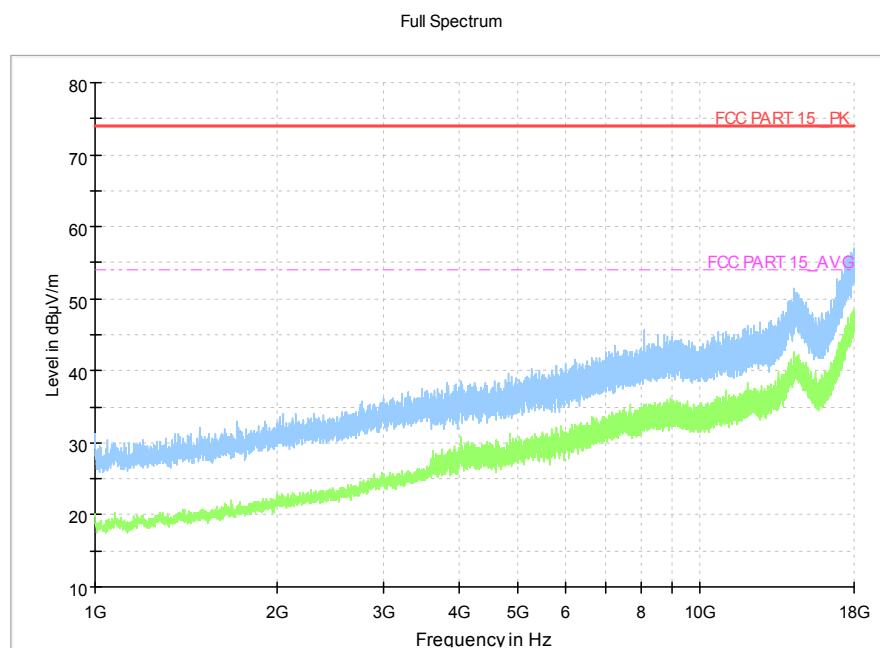


Figure A.4 Radiated Emission from 1GHz to 18GHz

Set.7

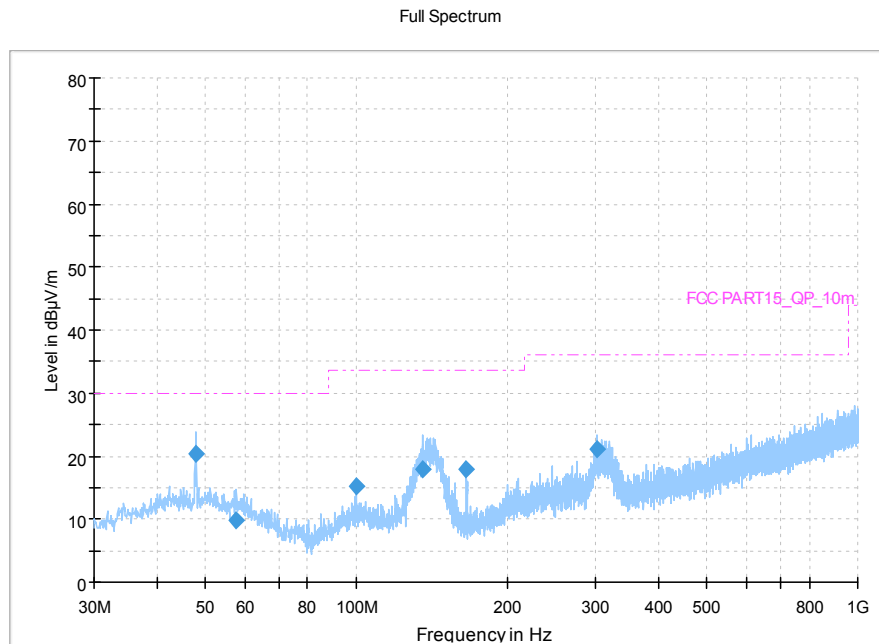


Figure A.13 Radiated Emission from 30MHz to 1GHz

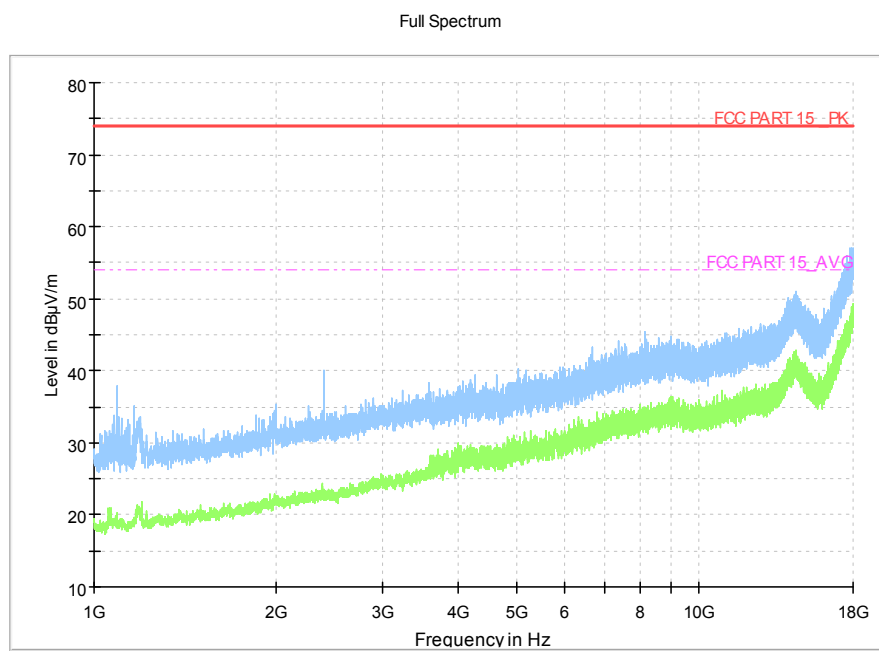


Figure A.14 Radiated Emission from 1GHz to 18GHz

Set.8

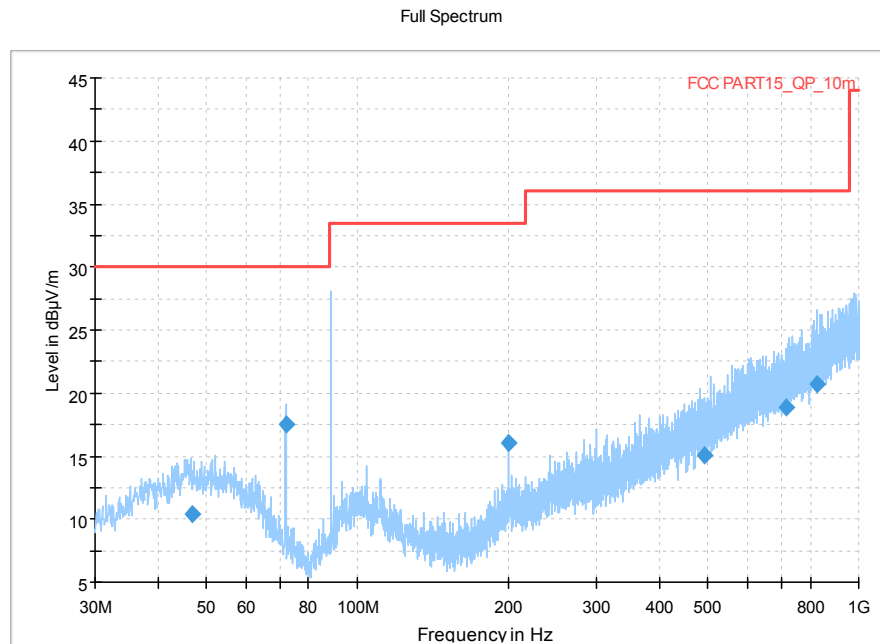


Figure A.15 Radiated Emission from 30MHz to 1GHz

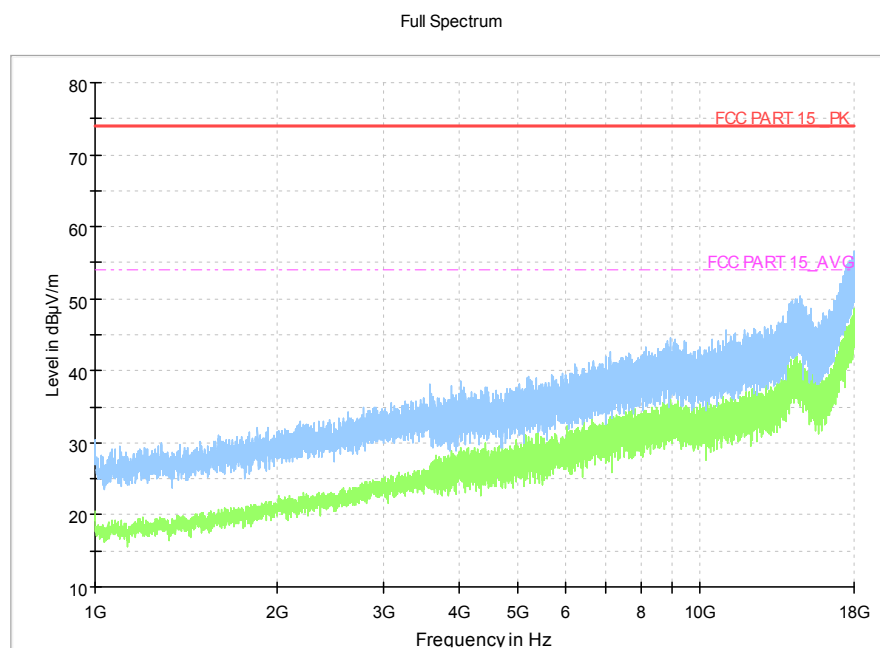


Figure A.16 Radiated Emission from 1GHz to 18GHz

Set.9

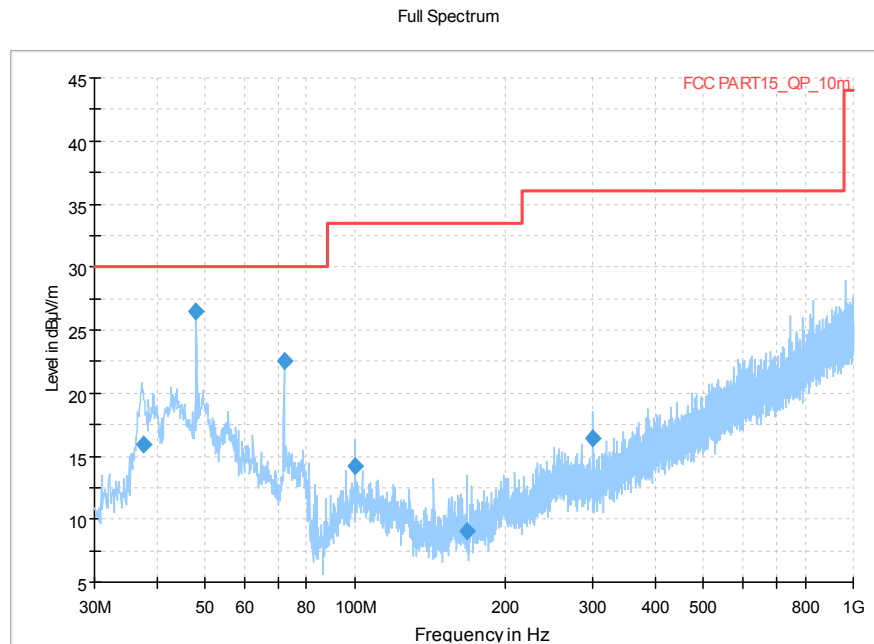


Figure A.17 Radiated Emission from 30MHz to 1GHz

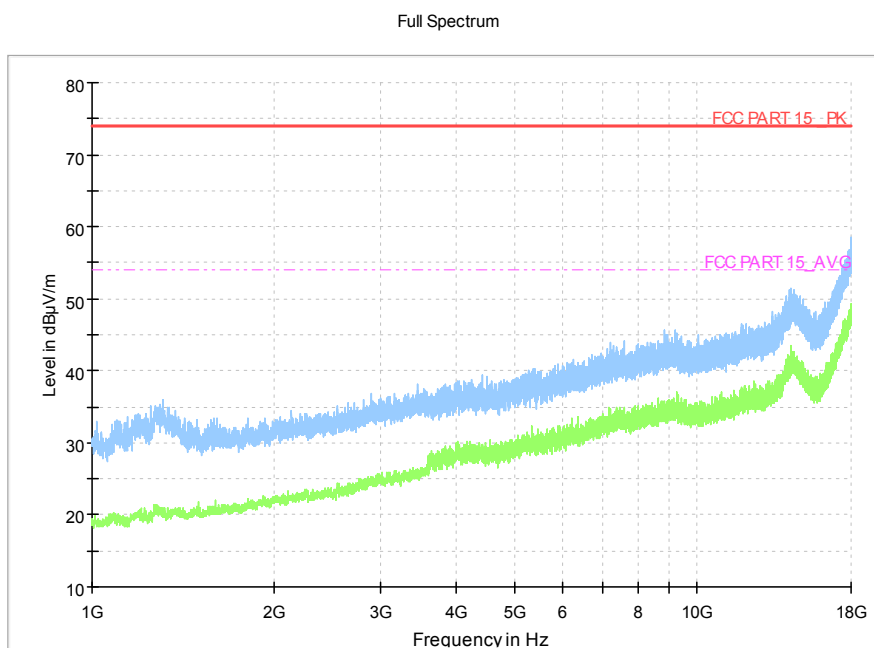


Figure A.18 Radiated Emission from 1GHz to 18GHz

Set.10

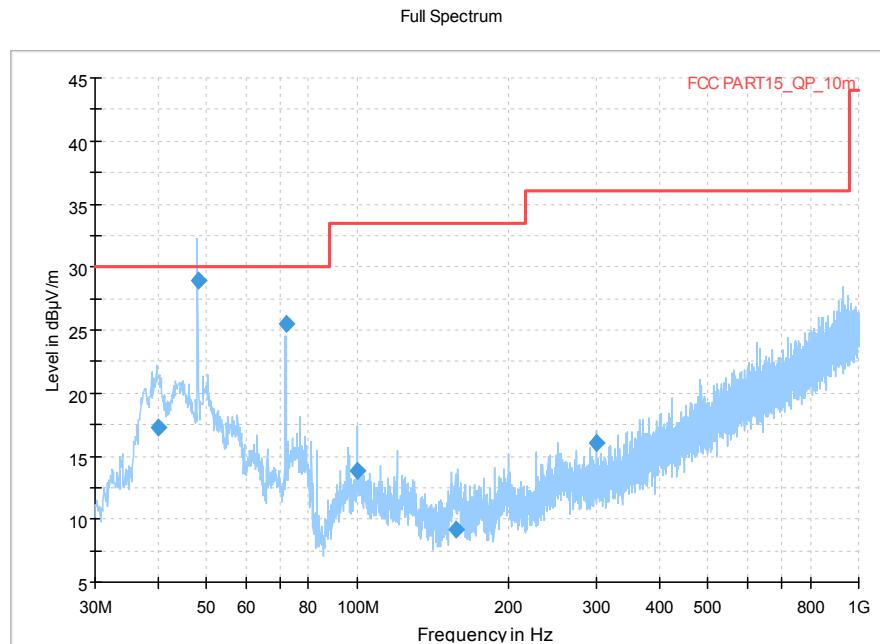


Figure A.19 Radiated Emission from 30MHz to 1GHz

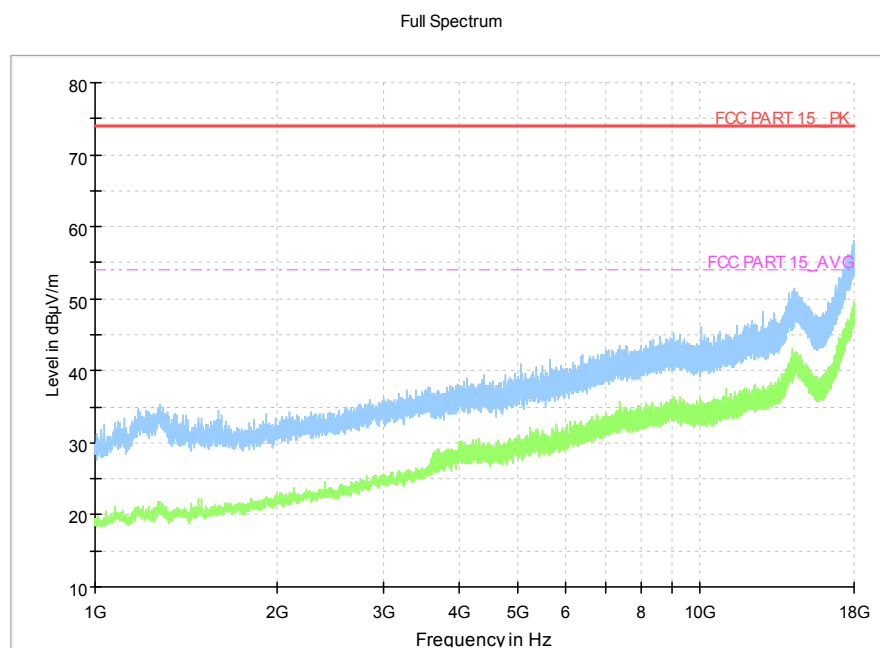


Figure A.20 Radiated Emission from 1GHz to 18GHz

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: Test result is the worst result in LTE B5,LTE B13,LTE B17.

Set.1

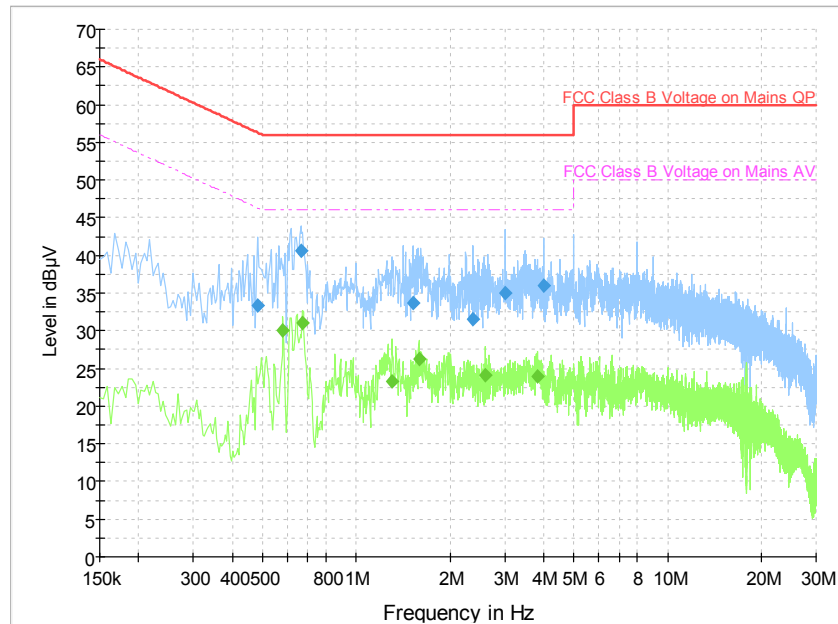


Figure A.11 Conducted Emission

Final Result 1

Frequency (MHz)	QuasiPeak (dBμV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.483000	33.3	GND	L1	10.0	23.0	56.3
0.663000	40.6	GND	L1	10.0	15.4	56.0
1.518000	33.6	GND	L1	10.0	22.4	56.0
2.364000	31.5	GND	L1	10.0	24.5	56.0
3.003000	35.0	GND	L1	10.1	21.0	56.0
4.002000	35.9	GND	L1	10.1	20.1	56.0

Final Result 2

Frequency (MHz)	Average (dBμV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.582000	30.0	GND	L1	10.0	16.0	46.0
0.672000	31.0	GND	L1	10.0	15.0	46.0
1.302000	23.3	GND	L1	10.0	22.7	46.0
1.590000	26.3	GND	L1	10.0	19.7	46.0
2.593500	24.0	GND	L1	10.1	22.0	46.0
3.822000	24.0	GND	L1	10.1	22.0	46.0

Set.2

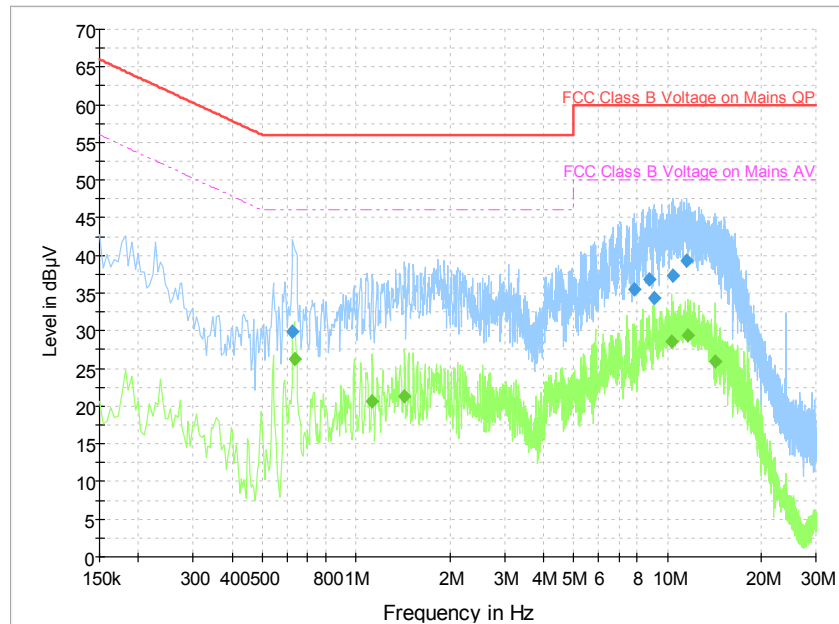


Figure A.12 Conducted Emission

Final Result 1

Frequency (MHz)	QuasiPeak (dBμV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.627000	29.9	GND	L1	10.0	26.1	0.627000
7.836000	35.4	GND	L1	10.3	24.6	7.836000
8.718000	36.9	GND	L1	10.3	23.1	8.718000
9.042000	34.3	GND	L1	10.4	25.7	9.042000
10.396500	37.4	GND	L1	10.4	22.6	10.396500
11.566500	39.4	GND	L1	10.5	20.6	11.566500

Final Result 2

Frequency (MHz)	Average (dBμV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.636000	26.2	GND	L1	10.0	19.8	0.636000
1.126500	20.6	GND	L1	10.0	25.4	1.126500
1.432500	21.3	GND	L1	10.0	24.7	1.432500
10.342500	28.6	GND	L1	10.4	21.4	10.342500
11.679000	29.5	GND	L1	10.5	20.5	11.679000
14.185500	25.9	GND	L1	10.7	24.1	14.185500

Set.7

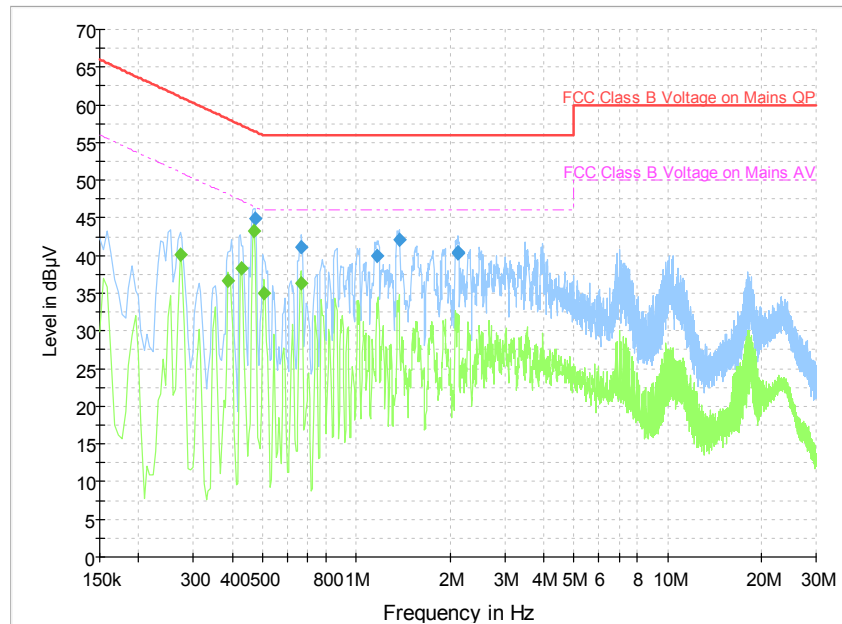


Figure A.11 Conducted Emission

Final Result 1

Frequency (MHz)	QuasiPeak (dBμV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.474000	44.9	GND	L1	10.0	11.6	56.4
0.667500	41.1	GND	N	10.0	14.9	56.0
1.171500	40.0	GND	L1	10.0	16.0	56.0
1.378500	42.0	GND	L1	10.0	14.0	56.0
2.121000	40.2	GND	N	10.1	15.8	56.0
2.125500	40.4	GND	N	10.1	15.6	56.0

Final Result 2

Frequency (MHz)	Average (dBμV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.271500	40.0	GND	L1	10.0	11.0	51.1
0.388500	36.7	GND	L1	10.0	11.4	48.1
0.429000	38.4	GND	L1	10.0	8.9	47.3
0.469500	43.3	GND	L1	10.0	3.2	46.5
0.505500	35.0	GND	L1	10.0	11.0	46.0
0.663000	36.4	GND	N	10.0	9.6	46.0

Set.9

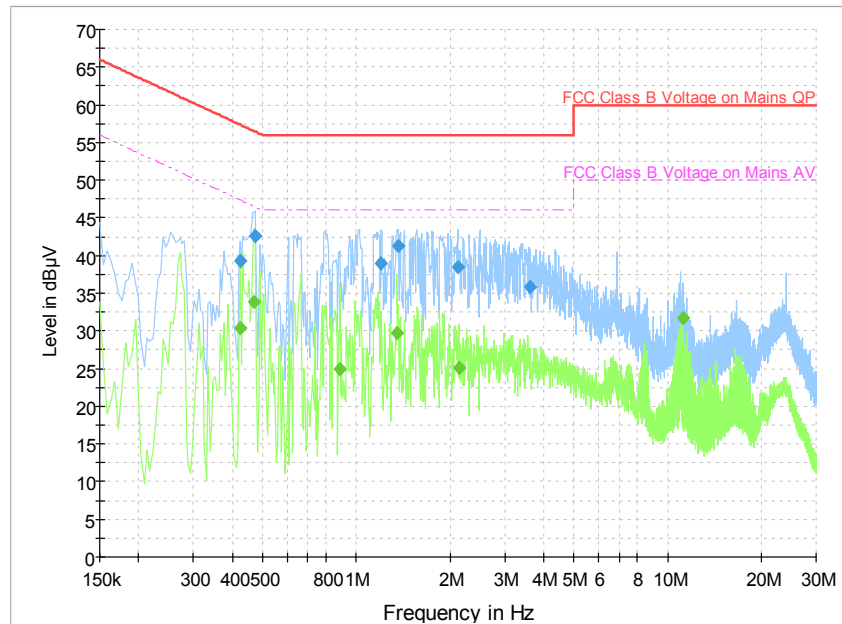


Figure A.11 Conducted Emission

Final Result 1

Frequency (MHz)	QuasiPeak (dBμV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.424500	39.3	1000.0	9.000	On	N	19.6
0.474000	42.7	1000.0	9.000	On	N	19.6
1.203000	39.0	1000.0	9.000	On	L1	19.6
1.365000	41.2	1000.0	9.000	On	L1	19.6
2.125500	38.4	1000.0	9.000	On	N	19.5
3.615000	35.8	1000.0	9.000	On	N	19.6

Final Result 2

Frequency (MHz)	Average (dBμV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.424500	30.4	1000.0	9.000	On	N	19.6
0.469500	33.9	1000.0	9.000	On	L1	19.6
0.888000	24.9	1000.0	9.000	On	N	19.5
1.351500	29.8	1000.0	9.000	On	L1	19.6
2.143500	25.2	1000.0	9.000	On	N	19.5
11.229000	31.7	1000.0	9.000	On	L1	19.9

Set.10

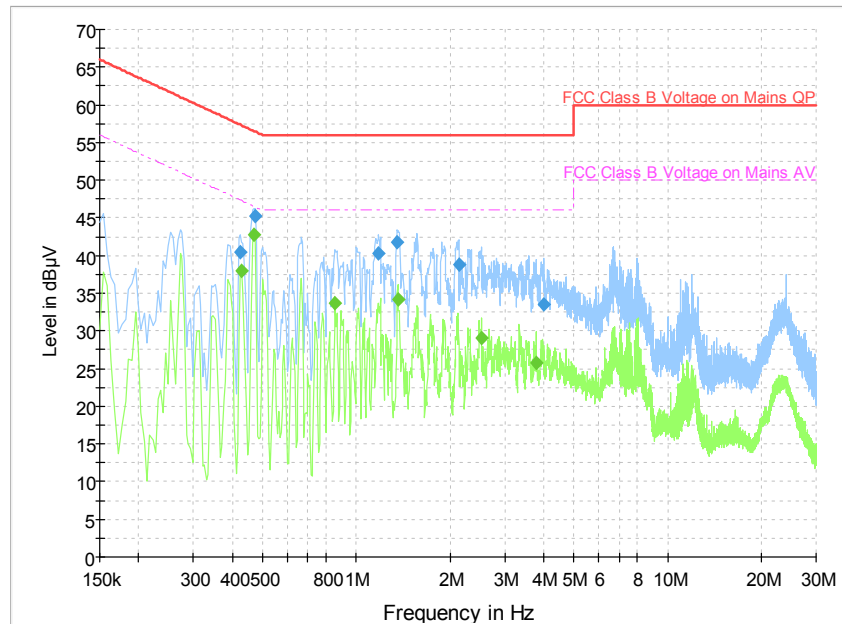


Figure A.11 Conducted Emission

Final Result 1

Frequency (MHz)	QuasiPeak (dBμV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.424500	40.4	1000.0	9.000	On	L1	19.6
0.474000	45.2	1000.0	9.000	On	L1	19.6
1.180500	40.3	1000.0	9.000	On	L1	19.6
1.356000	41.8	1000.0	9.000	On	L1	19.6
2.134500	38.8	1000.0	9.000	On	N	19.5
4.006500	33.5	1000.0	9.000	On	N	19.7

Final Result 2

Frequency (MHz)	Average (dBμV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.429000	37.9	1000.0	9.000	On	L1	19.6
0.469500	42.8	1000.0	9.000	On	N	19.6
0.856500	33.7	1000.0	9.000	On	N	19.5
1.360500	34.2	1000.0	9.000	On	L1	19.6
2.521500	29.0	1000.0	9.000	On	N	19.6
3.795000	25.8	1000.0	9.000	On	N	19.7

ANNEX B: Persons involved in this testing

Test Item	Tester
Conducted Continuous Emission	Yan Hanchen
Radiated Continuous Emission	Wang Huan

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