



FCC PART 15B TEST REPORT

No. 24T04Z101051-003

for

TCL Communication Ltd.

Tablet PC

Model name: 9465X

FCC ID: 2ACCJB223

with

Hardware Version: 05

Software Version: 6HS2

Issued Date: 2024-06-15

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.

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
24T04Z101051-003	Rev.0	1 st edition	2024-06-15

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

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1. Test Laboratory

1.1. Testing Location

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°C

Relative Humidity: 20-75%

1.3. Project data

Testing Start Date: 2024-06-03

Testing End Date: 2024-06-14

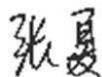
1.4. Signature



Wang Xue
(Prepared this test report)



Zhang Ying
(Reviewed this test report)



Zhang Xia
(Approved this test report)

2. Client Information

2.1. Applicant Information

Company Name: TCL Communication Ltd.
Address: 5/F, Building 22E, 22 Science Park East Avenue, Hong Kong Science
Park, Shatin, NT, Hong Kong
Contact Ting Wang
Email ting.wang.hz@tcl.com
Tel. +86 752 2639091
Fax: /

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
Contact Ting Wang
Email ting.wang.hz@tcl.com
Tel. +86 752 2639091
Fax: /

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

3.1. About EUT

Description	Tablet PC
Model Name	9465X
FCC ID:	2ACCJB223

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
UT01a	W8F6B6PRT8IRNVNF	05	6HS2
UT16a	HQQGORLBNNRSO7S8	05	6HS2

*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	Model	Manufacturer	Remark
AE1	Battery1	2853B7PL-2P	Gaoyuan	/
AE2	Battery2	2688A3PL-2P	Gaoyuan	/
AE3	Charger1	UT-681E-5200MY	Shenzhen Baijunda Electronic CO.,Ltd	/
AE4	Charger2	805A-018A-1A	Shenzhen Baijunda Electronic CO.,Ltd	/
AE5	USB Cable1	FKY-24-049	Huizhou Besiter power technology Co., Ltd	/
AE6	Charger3	UT-681A-5200MY	Shenzhen Baijunda Electronic CO.,Ltd	Require no test
AE7	Charger4	805C-018A-1A	Shenzhen Baijunda Electronic CO.,Ltd	Require no test
AE8	Charger5	UT-681B-5200MY	Shenzhen Baijunda Electronic CO.,Ltd	Require no test
AE9	Charger6	805B-018A-1A	Shenzhen Baijunda Electronic CO.,Ltd	Require no test

*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	UT01a + AE1 + AE2 +AE4	Charger1 + R Camera
Set.2	UT01a + AE1 + AE2 +AE5 + Headset	FM
Set.3	UT01a + AE1 + AE4	USB
Set.4	UT01a + AE1 + cable +UT02a	OTG + F camera
Set.5	UT16a + AE2 + AE4+AE5	Charger2

Note:

Equipment Under Test (EUT) is a model of Tablet.

It has MP3, Camera, USB memory, Bluetooth 5.0, GPS and 2.4G, 5G and 5.8G WLAN functions. The EUT supports 802.11b/g/n for 2.4GHz WLAN at 20MHz bandwidth. And it supports 802.11a/n/ac for 5GHz and 5.8GHz WLAN.

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. 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(huayuan North Road)
2	Conducted Emission	15.107(a)	B.2	P	CTTL(huayuan North Road)

※Note: The UT01a is a 1st source sample while UT16a is a 2nd source sample.

6. Test Equipments Utilized

NO.	Description	TYPE	SERIES NUMBER	MANUFACTURE	CAL DUE DATE	CALIBRATION INTERVAL
1	Test Receiver	ESW44	103023	R&S	2024-06-09	1 Year
2	LISN	ENV216	101200	R&S	2025-05-17	1 year
3	Test Receiver	ESCI 7	100344	R&S	2025-04-02	1 Year
4	EMI Antenna	VULB 9163	01223	SCHWARZBECK	2024-07-18	1 year
5	EMI Antenna	3115	00167250	ETS-Lindgren	2025-04-12	1 year
6	Signal Generator	SMBV100A	260613	R&S	2025-01-19	1 year

Test software information		
Test Item	Software	Version
Radiated Emission	EMC32	V11.50.00V8.53.0
Conducted Emission	EMC32	V8.53..00

Semi-anechoic chamber utilized did not exceed following limits along the 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

Shielded room utilized did not exceed following limits along the 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

7. Measurement Uncertainty

Where relevant, the following measurement uncertainty(worse case) levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

Location 1: CTTL(huayuan North Road)

Test item	Frequency ranges	Measurement uncertainty
Radiated Emission	30MHz-1GHz	4.72dB($k=2$)
	1GHz-18GHz	4.84dB($k=2$)
Conducted Emission	150kHz-30MHz	AC Power Line: 3.08dB($k=2$)

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/OTG mode of MS and charging mode of MS) at distances of 3 meters 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 USB mode, OTG mode and charging mode. During the test MS is connected to a PC via a USB cable in the case of USB mode, and is connected to the other device for charging in OTG mode and 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.

The model of the PC is M4000E-17, and the serial number of the PC is M706GWXD. 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.

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 ($\mu\text{V/m}$)		
	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/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:

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

Where

G_A : Antenna factor of receive antenna

G_{PL} : Path Loss

P_{Mea} : Measurement result on receiver.

Measurement uncertainty (worst case): $U = 4.84 \text{ dB}$, $k=2$.

Measurement results for Set.1:

Charing Mode/Average 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)
17732.080	46.40	-29.67	45.25	30.82	54.00	7.60	H
17731.740	46.10	-29.67	45.25	30.52	54.00	7.90	V
17727.320	46.00	-29.67	45.25	30.42	54.00	8.00	V
17704.200	46.00	-29.73	45.25	30.49	54.00	8.00	V
17662.380	46.00	-29.90	45.25	30.65	54.00	8.00	H
17696.720	45.80	-29.98	45.25	30.53	54.00	8.20	H

Charging 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)
17725.280	56.80	-29.67	45.25	41.22	74.00	17.20	V
17634.840	56.80	-29.40	45.25	40.95	74.00	17.20	H
17799.400	56.60	-29.89	45.95	40.53	74.00	17.40	V
17718.820	56.50	-29.73	45.25	40.99	74.00	17.50	V
17741.600	56.40	-29.61	45.95	40.06	74.00	17.60	H
17748.400	56.40	-29.61	45.95	40.06	74.00	17.60	H

Measurement results for Set.2:
FM Mode/Average detector

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17762.680	46.00	-29.63	45.95	29.67	54.00	8.00	V
17736.840	45.90	-29.67	45.25	30.32	54.00	8.10	H
17629.400	45.80	-29.40	45.25	29.95	54.00	8.20	V
17735.140	45.80	-29.67	45.25	30.22	54.00	8.20	V
17722.560	45.80	-29.67	45.25	30.22	54.00	8.20	H
17658.980	45.70	-29.60	45.25	30.05	54.00	8.30	H

FM Mode/Peak detector

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17728.000	56.60	-29.67	45.25	41.02	74.00	17.40	H
17738.200	56.60	-29.67	45.95	40.31	74.00	17.40	V
17799.740	56.40	-29.89	45.95	40.33	74.00	17.60	V
17707.260	56.30	-29.73	45.25	40.79	74.00	17.70	H
17769.140	56.30	-29.63	45.95	39.97	74.00	17.70	V
17662.380	56.30	-29.90	45.25	40.95	74.00	17.70	H

Measurement results for Set.3:
USB Mode/Average detector

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17726.980	46.00	-29.67	45.25	30.42	54.00	8.00	H
17727.320	45.70	-29.67	45.25	30.12	54.00	8.30	V
17728.340	45.70	-29.67	45.25	30.12	54.00	8.30	H
17756.220	45.70	-29.61	45.95	29.36	54.00	8.30	H
17719.840	45.70	-29.73	45.25	30.19	54.00	8.30	V
17699.100	45.60	-29.98	45.25	30.33	54.00	8.40	H

USB Mode/Peak detector

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17679.040	57.00	-29.90	45.25	41.65	74.00	17.00	V
17747.040	56.60	-29.61	45.95	40.26	74.00	17.40	H
17731.400	56.50	-29.67	45.25	40.92	74.00	17.50	V
17647.420	56.50	-29.60	45.25	40.85	74.00	17.50	V
17736.840	56.40	-29.67	45.25	40.82	74.00	17.60	V
17775.260	56.40	-29.63	45.95	40.07	74.00	17.60	V

Measurement results for Set.4:
OTG Mode/Average detector

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17739.220	46.00	-29.67	45.95	29.71	54.00	8.00	H
17771.860	45.90	-29.63	45.95	29.57	54.00	8.10	H
17764.720	45.80	-29.63	45.95	29.47	54.00	8.20	V
17759.960	45.80	-29.61	45.95	29.46	54.00	8.20	H
17802.800	45.70	-29.63	45.95	29.38	54.00	8.30	H
17661.360	45.70	-29.90	45.25	30.35	54.00	8.30	V

OTG Mode/Peak detector

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17764.040	56.70	-29.63	45.95	40.37	74.00	17.30	H
17735.480	56.60	-29.67	45.25	41.02	74.00	17.40	V
17625.660	56.40	-29.40	45.25	40.55	74.00	17.60	H
17770.160	56.30	-29.63	45.95	39.97	74.00	17.70	H
17699.440	56.30	-29.98	45.25	41.03	74.00	17.70	V
17762.000	56.20	-29.63	45.95	39.87	74.00	17.80	H

Measurement results for Set.5:
Charing Mode/Average detector

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17725.280	45.00	-29.67	45.25	29.42	54.00	9.00	H
17712.700	45.00	-29.73	45.25	29.49	54.00	9.00	V
17749.760	44.80	-29.61	45.95	28.46	54.00	9.20	H
17731.740	44.70	-29.67	45.25	29.12	54.00	9.30	V
17734.120	44.70	-29.67	45.25	29.12	54.00	9.30	V
17730.720	44.70	-29.67	45.25	29.12	54.00	9.30	H

Charging Mode/Peak detector

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17824.560	56.20	-29.68	45.95	39.92	74.00	17.80	H
17747.380	55.60	-29.61	45.95	39.26	74.00	18.40	V
17638.920	55.40	-29.40	45.25	39.55	74.00	18.60	H
17790.220	55.30	-29.89	45.95	39.23	74.00	18.70	V
17998.980	55.30	-29.06	46.66	37.70	74.00	18.70	V
17997.280	55.20	-29.06	46.66	37.60	74.00	18.80	V

Measurement results for Set.1:

Full Spectrum

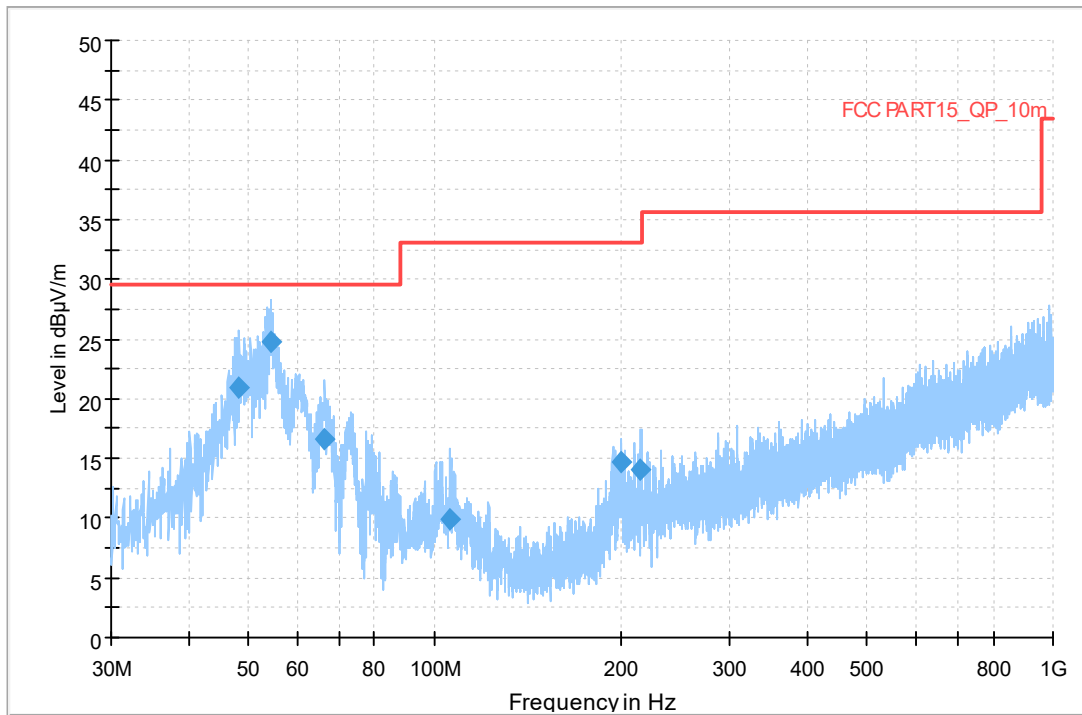


Fig A.1 Radiated Emission from 30MHz to 1GHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
48.333000	20.95	29.54	8.59	120.000	191.0	V	241.0
54.395500	24.81	29.54	4.73	120.000	100.0	V	256.0
66.472000	16.61	29.54	12.93	120.000	276.0	V	-7.0
105.563000	9.90	33.06	23.16	120.000	208.0	V	225.0
200.283500	14.70	33.06	18.36	120.000	100.0	V	-7.0
215.706500	14.09	33.06	18.97	120.000	125.0	V	-43.0

Full Spectrum

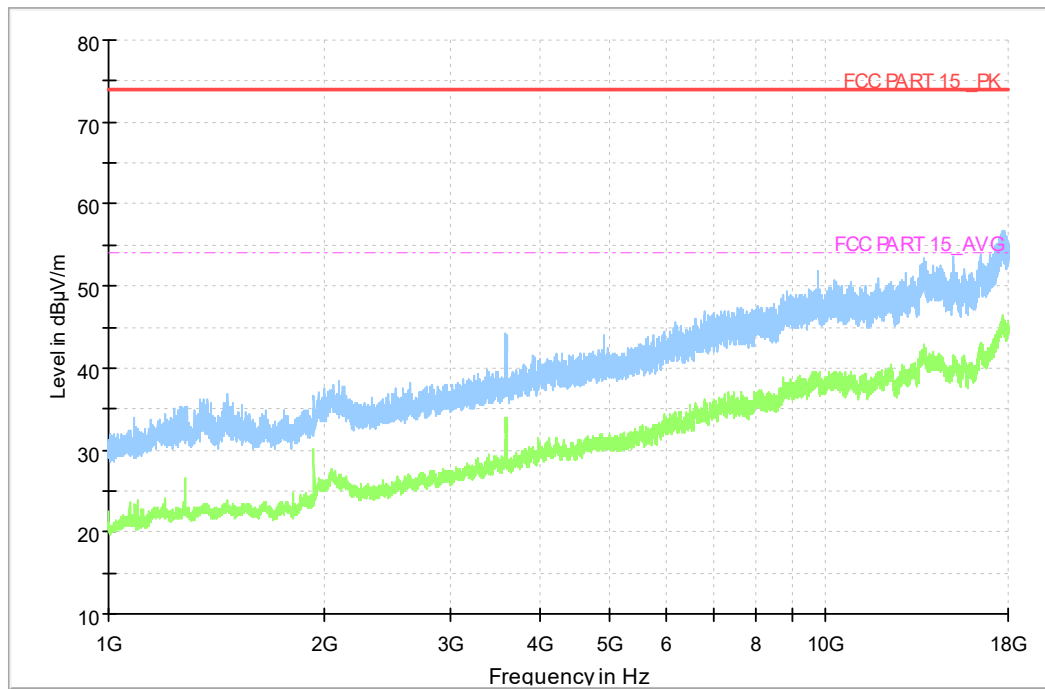


Fig A.2 Radiated Emission from 1GHz to 18GHz

Measurement results for Set.2:

Full Spectrum

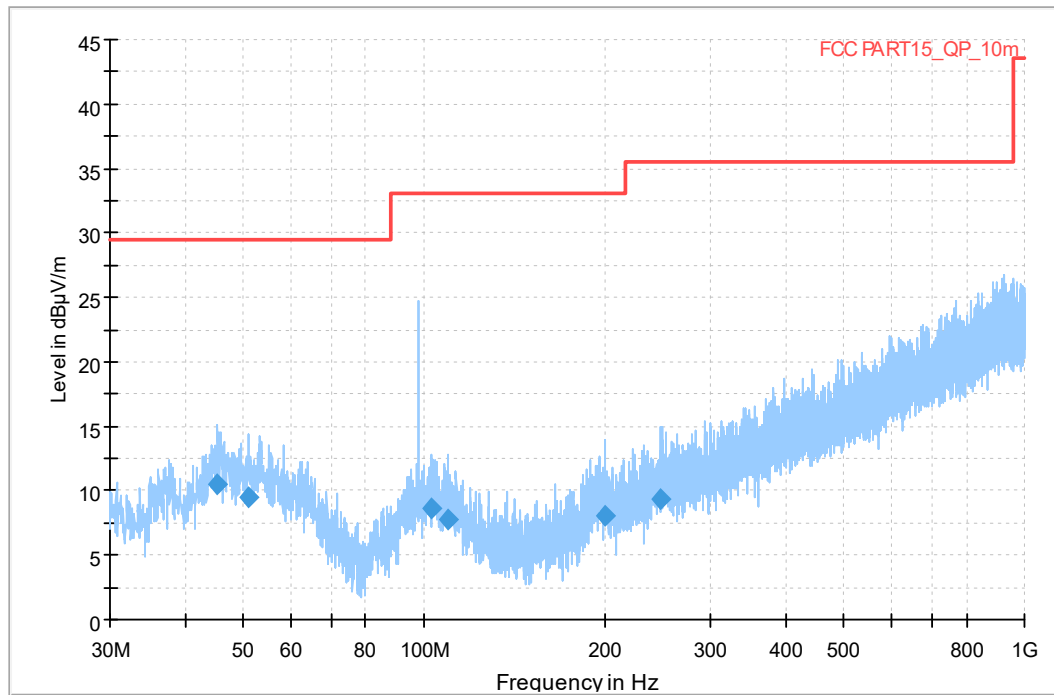


Fig A.3 Radiated Emission from 30MHz to 1GHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
45.374500	10.46	29.54	19.08	120.000	325.0	V	225.0
51.097500	9.51	29.54	20.03	120.000	223.0	H	20.0
102.750000	8.66	33.06	24.40	120.000	225.0	H	8.0
109.928000	7.74	33.06	25.32	120.000	325.0	H	-3.0
199.992500	8.10	33.06	24.96	120.000	120.0	H	45.0
247.134500	9.35	35.56	26.21	120.000	109.0	V	159.0

Full Spectrum

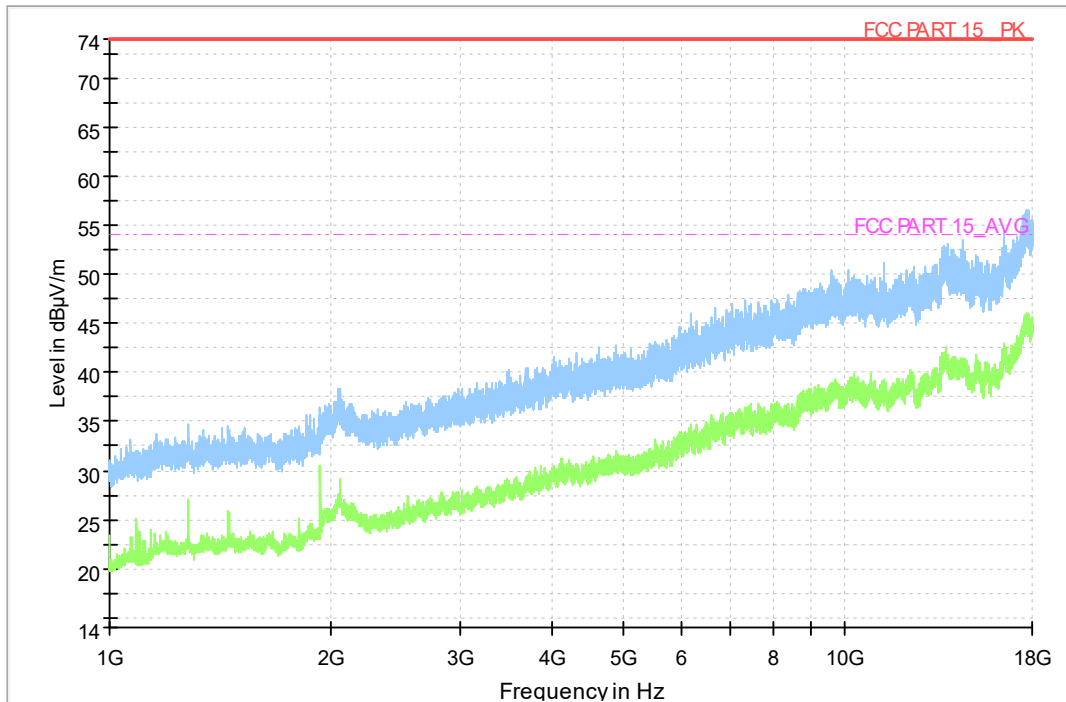


Fig A.4 Radiated Emission from 1GHz to 18GHz

Measurement results for Set.3:

Full Spectrum

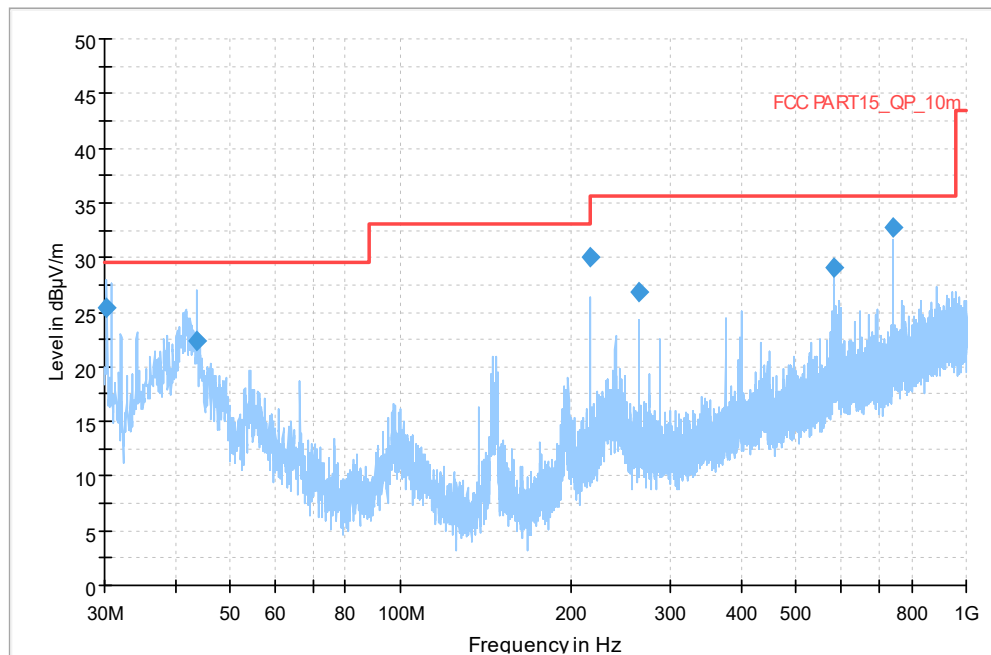


Fig A.5 Radiated Emission from 30MHz to 1GHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
30.242500	25.33	29.54	4.21	120.000	275.0	V	128.0
43.774000	22.41	29.54	7.13	120.000	100.0	V	166.0
215.997500	30.05	33.06	3.01	120.000	325.0	H	166.0
263.964000	26.84	35.56	8.72	120.000	101.0	V	301.0
583.530500	29.02	35.56	6.54	120.000	220.0	V	315.0
744.017000	32.72	35.56	2.84	120.000	125.0	H	30.0

Full Spectrum

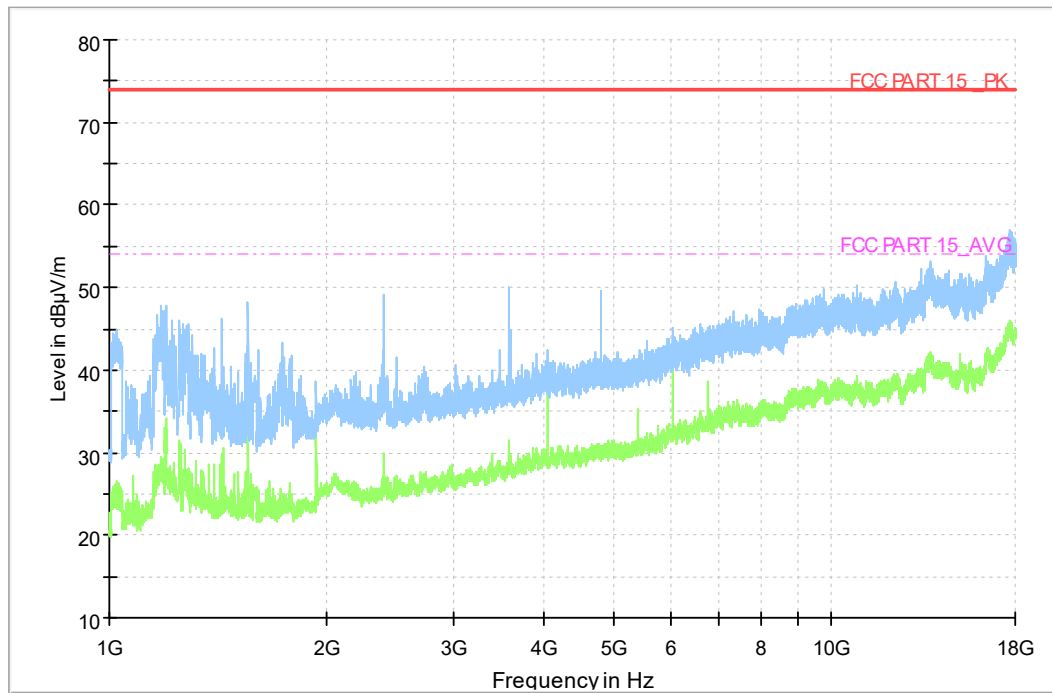


Fig A.6 Radiated Emission from 1GHz to 18GHz

Measurement results for Set.4:

Full Spectrum

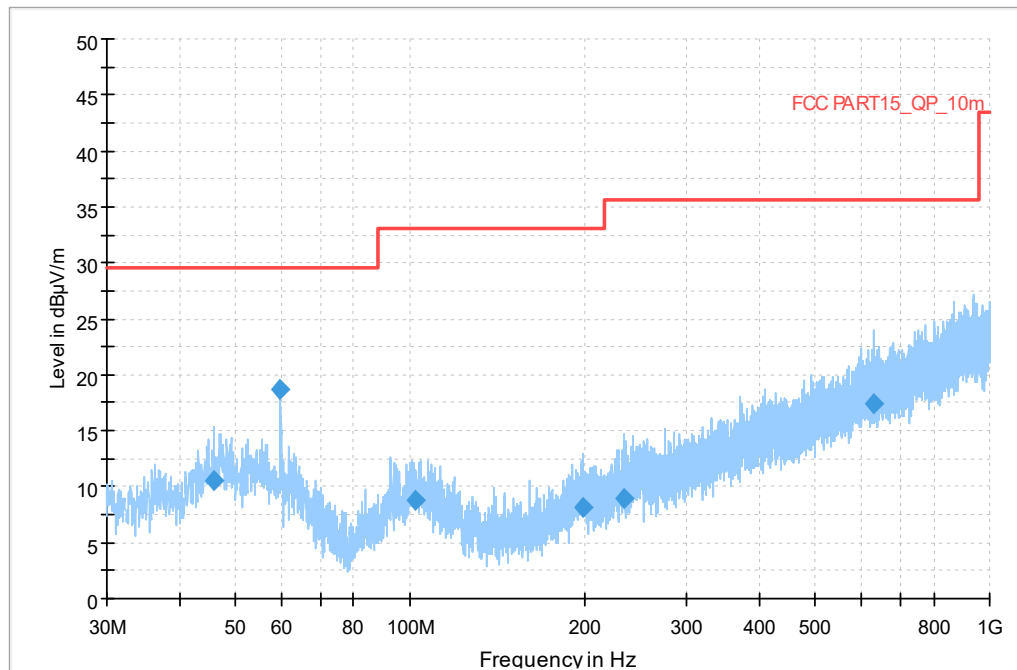


Fig A.7 Radiated Emission from 30MHz to 1GHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
45.908000	10.58	29.54	18.96	120.000	100.0	V	135.0
59.827500	18.62	29.54	10.92	120.000	100.0	V	293.0
102.265000	8.82	33.06	24.24	120.000	323.0	V	61.0
198.537500	8.22	33.06	24.84	120.000	216.0	V	306.0
234.670000	8.92	35.56	26.64	120.000	325.0	H	137.0
633.049000	17.44	35.56	18.12	120.000	215.0	V	144.0

Full Spectrum

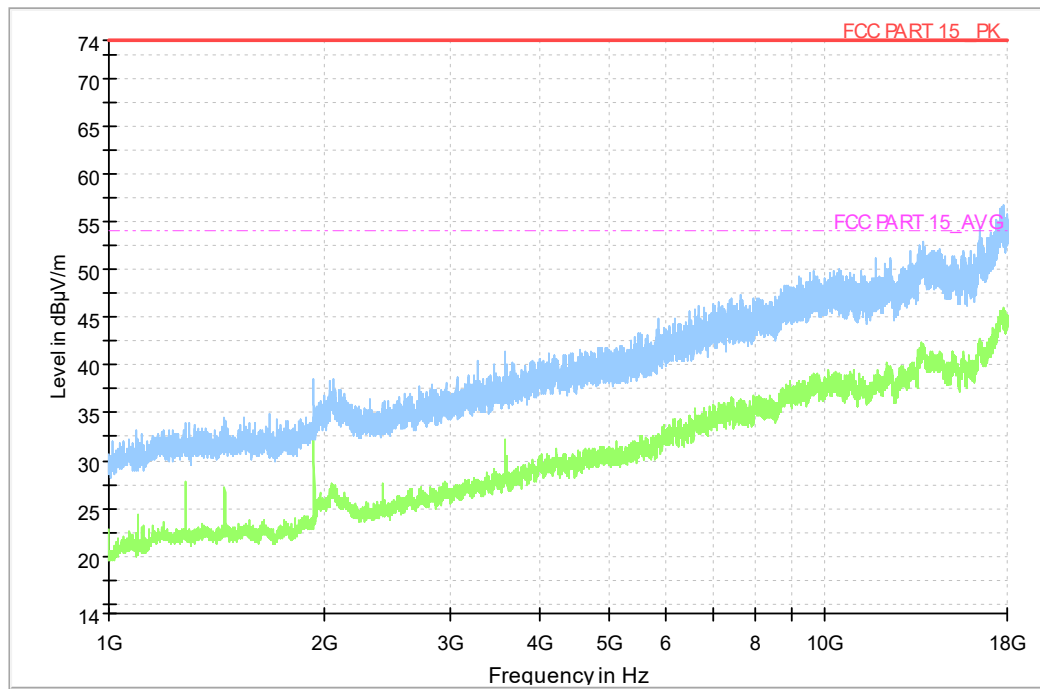


Fig A.8 Radiated Emission from 1GHz to 18GHz

Measurement results for Set.5:

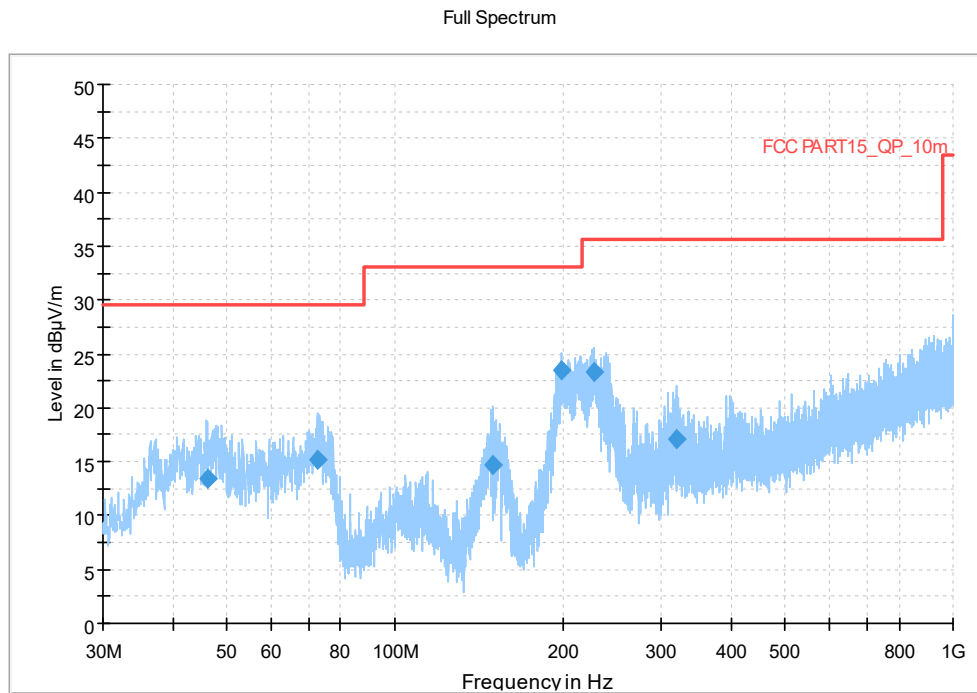


Fig A.9 Radiated Emission from 30MHz to 1GHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
46.053500	13.38	29.54	16.16	120.000	276.0	V	3.0
72.631500	15.23	29.54	14.31	120.000	207.0	V	299.0
149.358500	14.73	33.06	18.33	120.000	101.0	V	-7.0
199.362000	23.55	33.06	9.51	120.000	102.0	V	60.0
227.977000	23.35	35.56	12.21	120.000	104.0	V	84.0
320.466500	17.08	35.56	18.48	120.000	223.0	H	263.0

Full Spectrum

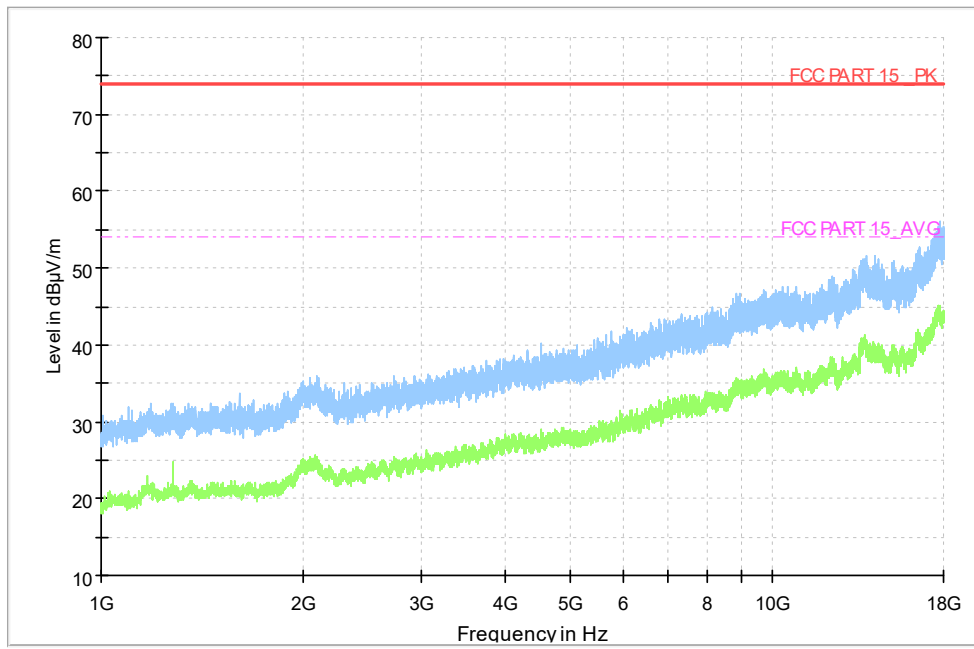


Fig A.10 Radiated Emission from 1GHz to 18GHz

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 USB mode and charging mode. During the test MS 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. The model of the PC is DELL M4000E-17, and the serial number of the PC is M706GWXD. 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: $U = 3.08 \text{ dB}$, $k=2$.

Charging Mode, Set.1:

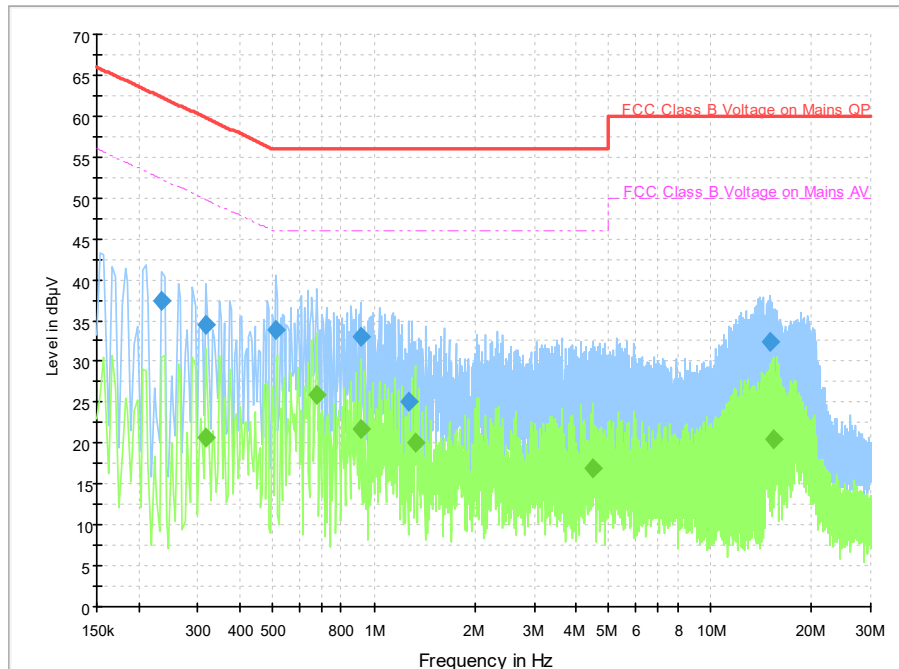


Fig A.11 Conducted Emission from 150kHz to 30MHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBuV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)	Comment
0.234000	37.3	2000.0	9.000	On	N	19.8	25.0	62.3	
0.318000	34.5	2000.0	9.000	On	N	19.8	25.3	59.8	
0.510000	33.9	2000.0	9.000	On	N	19.9	22.1	56.0	
0.914000	33.1	2000.0	9.000	On	L1	19.9	22.9	56.0	
1.270000	25.0	2000.0	9.000	On	N	19.7	31.0	56.0	
15.006000	32.3	2000.0	9.000	On	L1	20.0	27.7	60.0	

Final Result 2

Frequency (MHz)	Average (dBuV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)	Comment
0.318000	20.7	2000.0	9.000	On	N	19.8	29.0	49.8	
0.678000	26.0	2000.0	9.000	On	N	19.8	20.0	46.0	
0.914000	21.7	2000.0	9.000	On	L1	19.9	24.3	46.0	
1.326000	20.0	2000.0	9.000	On	L1	19.9	26.0	46.0	
4.498000	17.0	2000.0	9.000	On	L1	19.8	29.0	46.0	
15.506000	20.6	2000.0	9.000	On	L1	20.0	29.4	50.0	

USB Mode, Set.3:

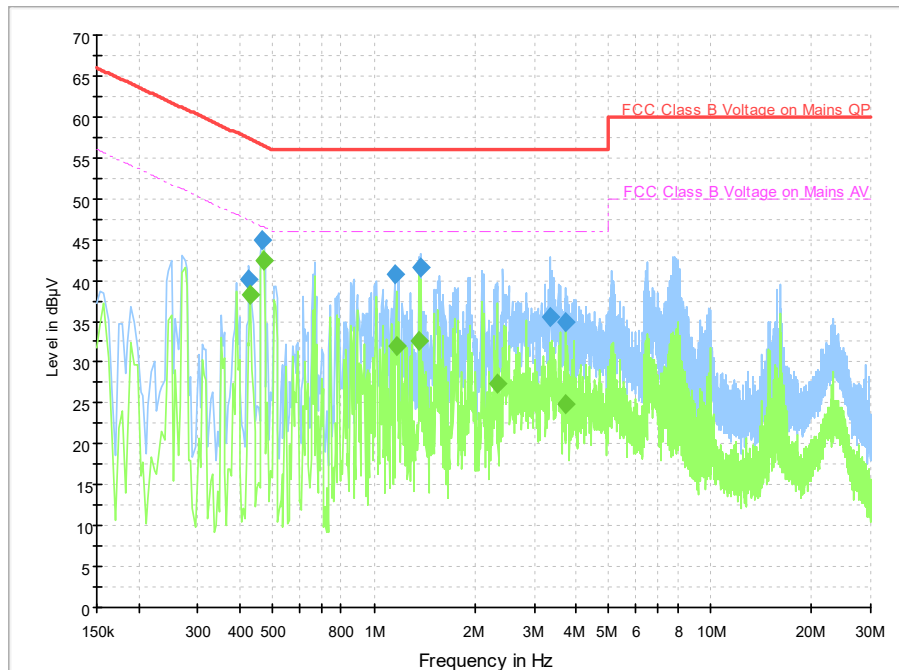


Fig A.12 Conducted Emission from 150kHz to 30MHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBuV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)	Comment
0.426000	40.2	2000.0	9.000	On	L1	20.0	17.1	57.3	
0.466000	45.0	2000.0	9.000	On	L1	20.0	11.6	56.6	
1.162000	40.6	2000.0	9.000	On	L1	19.9	15.4	56.0	
1.378000	41.6	2000.0	9.000	On	L1	19.9	14.4	56.0	
3.358000	35.5	2000.0	9.000	On	L1	19.8	20.5	56.0	
3.710000	35.0	2000.0	9.000	On	N	19.6	21.0	56.0	

Final Result 2

Frequency (MHz)	Average (dBuV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)	Comment
0.430000	38.3	2000.0	9.000	On	L1	20.0	9.0	47.3	
0.470000	42.5	2000.0	9.000	On	N	19.9	4.0	46.5	
1.166000	31.9	2000.0	9.000	On	N	19.7	14.1	46.0	
1.358000	32.6	2000.0	9.000	On	L1	19.9	13.4	46.0	
2.326000	27.3	2000.0	9.000	On	L1	19.8	18.7	46.0	
3.710000	24.9	2000.0	9.000	On	N	19.6	21.1	46.0	

Charging Mode, Set.5:

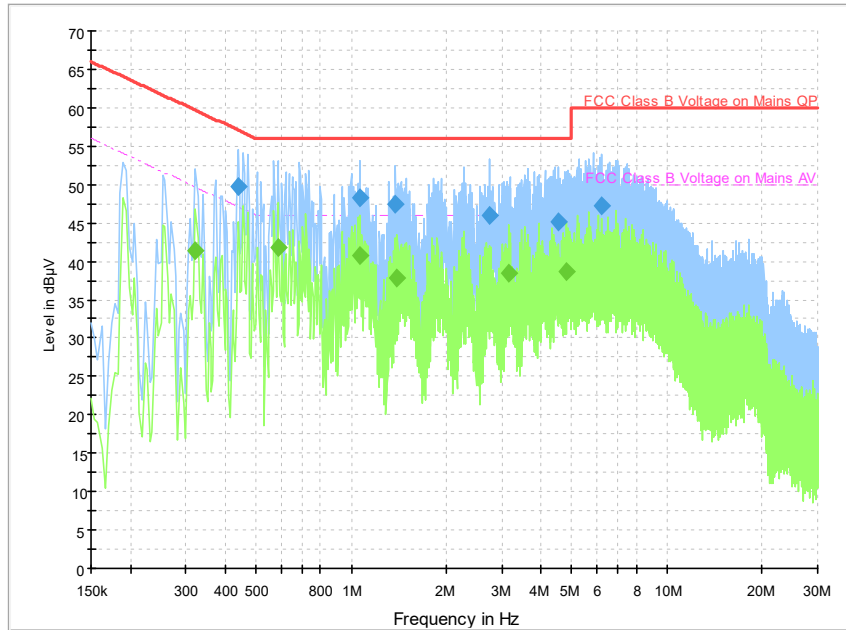


Fig A.13 Conducted Emission from 150kHz to 30MHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBuV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)	Comment
0.438000	49.7	2000.0	9.000	On	L1	20.0	7.4	57.1	
1.066000	48.2	2000.0	9.000	On	L1	19.9	7.8	56.0	
1.382000	47.4	2000.0	9.000	On	L1	19.9	8.6	56.0	
2.738000	45.9	2000.0	9.000	On	L1	19.8	10.1	56.0	
4.538000	45.1	2000.0	9.000	On	L1	19.8	10.9	56.0	
6.202000	47.3	2000.0	9.000	On	L1	19.9	12.7	60.0	

Final Result 2

Frequency (MHz)	Average (dBuV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)	Comment
0.322000	41.5	2000.0	9.000	On	L1	19.9	8.2	49.7	
0.586000	41.8	2000.0	9.000	On	L1	20.0	4.2	46.0	
1.066000	40.7	2000.0	9.000	On	L1	19.9	5.3	46.0	
1.398000	37.9	2000.0	9.000	On	L1	19.9	8.1	46.0	
3.146000	38.4	2000.0	9.000	On	L1	19.8	7.6	46.0	
4.802000	38.6	2000.0	9.000	On	L1	19.8	7.4	46.0	

END OF REPORT