FCC PART 15B
TEST REPORT

No. 24T04Z100905-008

for

OnePlus Technology (Shenzhen) Co., Ltd.

Tablet

Model Name: OPD2403

FCC ID: 2ABZ2-OPD2403

with

Hardware Version: 88666_1_11

Software Version: OPD2403_14.1.0

Issued Date: 2024-06-17

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
24T04Z100905-008	Rev.0	1st edition	2024-06-06
24T04Z100905-008	Rev.1	2nd edition Modified the description in Clause 3.4	2024-06-17

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

CONTENTS

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: 2024-06-05

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:	OnePlus Technology (Shenzhen) Co., Ltd.
Address /Post:	18C02, 18C03, 18C04, and 18C05, Shum Yip Terra Building, Binhe Avenue North, Futian District, Shenzhen, Guangdong, P.R. China.
City:	Shenzhen
Postal Code:	/
Country:	China
Telephone:	(86)75561882366
E-mail:	ariel.cheng@oneplus.com

2.2. Manufacturer Information

Company Name:	OnePlus Technology (Shenzhen) Co., Ltd.
Address /Post:	18C02, 18C03, 18C04, and 18C05, Shum Yip Terra Building, Binhe Avenue North, Futian District, Shenzhen, Guangdong, P.R. China.
City:	Shenzhen
Postal Code:	/
Country:	China
Telephone:	(86)75561882366
E-mail:	ariel.cheng@oneplus.com

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

3.1. About EUT

Description   Tablet
Model Name   OPD2403
FCC ID: 2ABZ2-OPD2403

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	W621521000006E 3U900939	88666_1_11	OPD2403_14.1.0

*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
AE1	Battery	BLT009	Sunwoda Electronic CO.,LTD.
AE2	Charger1	VCB7OAUH	Dongguan Aohai Technology Co.,Ltd.
AE3	USB Cable1	DL129	Dongguan Fuqiang Electronics Co., Ltd
AE4	Charger2	VCB7OAUH	HUIZHOU GOLDEN LAKE INDUSTRIAL CO., LTD.
AE5	USB Cable2	DL129	Freeport Anhui Electronics Company Limited

*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 +AE2+AE3	Charger1+MP3+F Camera
Set.2	EUT1 + AE1 +AE2+AE3	Charger1+R Camera
Set.3	EUT1 + AE1 + AE3	USB
Set.4	EUT1 + AE1 + pencil	WPT
Set.5	EUT1 + AE1 + AE4+AE5	Charger2

Note:

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

It has MP3, Camera, USB memory, Bluetooth 5.4 and WLAN functions. The EUT supports 802.11b/g/n/ax/be for 2.4GHz WLAN. And it supports 802.11a/n/ac/ax/be for 5GHz and 5.8GHz WLAN, supports 802.11a/ax/be for 6G WLAN.

Only the worst-case emissions are reported.

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)**

6. Test Equipments Utilized

NO.	Description	TYPE	SERIES NUMBER	MANUFACTURE	CAL DUE DATE	CALIBRATION INTERVAL
1	LISN	ENV216	101200	R&S	2025-05-17	1 year
2	Test Receiver	ESCI	100344	R&S	2025-04-02	1 year
3	Test Receiver	ESW44	103023	R&S	2024-07-08	1 year
4	EMI Antenna	VULB9163	01223	R&S	2024-08-18	1 year
5	EMI Antenna	3115	00167250	R&S	2025-05-11	1 year

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

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/WPT 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, WPT 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 (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/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): *U* = 4.84 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)
17624.640	45.60	-29.40	45.25	29.75	54.00	24.25	V
17737.860	45.50	-29.67	45.95	29.21	54.00	24.79	H
17747.380	45.50	-29.61	45.95	29.16	54.00	24.84	V
17666.460	45.50	-29.90	45.25	30.15	54.00	23.85	H
17764.040	45.50	-29.63	45.95	29.17	54.00	24.83	H
17737.180	45.40	-29.67	45.95	29.11	54.00	24.89	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)
17694.680	57.10	-29.98	45.25	41.83	74.00	32.17	V
17782.400	56.80	-29.89	45.95	40.73	74.00	33.27	H
17772.540	56.40	-29.63	45.95	40.07	74.00	33.93	H
17717.460	56.30	-29.73	45.25	40.79	74.00	33.21	H
17814.700	56.30	-29.63	45.95	39.98	74.00	34.02	V
17758.940	56.10	-29.61	45.95	39.76	74.00	34.24	H

Measurement results for Set.2:
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)
17793.960	46.10	-29.89	45.95	30.03	54.00	23.97	H
17764.380	45.80	-29.63	45.95	29.47	54.00	24.53	V
17626.340	45.70	-29.40	45.25	29.85	54.00	24.15	V
17735.140	45.70	-29.67	45.25	30.12	54.00	23.88	H
17731.400	45.70	-29.67	45.25	30.12	54.00	23.88	H
17735.820	45.70	-29.67	45.25	30.12	54.00	23.88	V

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)
17767.100	56.70	-29.63	45.95	40.37	74.00	33.63	H
17628.720	56.50	-29.40	45.25	40.65	74.00	33.35	V
17775.600	56.40	-29.63	45.95	40.07	74.00	33.93	H
17632.800	56.30	-29.40	45.25	40.45	74.00	33.55	H
17713.720	56.30	-29.73	45.25	40.79	74.00	33.21	V
17732.760	56.30	-29.67	45.25	40.72	74.00	33.28	V

Measurement results for Set.3:

USB 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)
17716.440	45.60	-29.73	45.25	30.09	54.00	23.91	V
17694.680	45.40	-29.98	45.25	30.13	54.00	23.87	V
17700.460	45.30	-29.73	45.25	29.79	54.00	24.21	H
17739.220	45.30	-29.67	45.95	29.01	54.00	24.99	V
17769.140	45.30	-29.63	45.95	28.97	54.00	25.03	H
17758.940	45.30	-29.61	45.95	28.96	54.00	25.04	V

USB 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	56.90	-29.67	45.25	41.32	74.00	32.68	V
17782.740	56.70	-29.89	45.95	40.63	74.00	33.37	H
17791.920	56.40	-29.89	45.95	40.33	74.00	33.67	V
17782.060	56.40	-29.89	45.95	40.33	74.00	33.67	V
17654.560	56.30	-29.60	45.25	40.65	74.00	33.35	H
17661.020	56.10	-29.90	45.25	40.75	74.00	33.25	V

Measurement results for Set.4:
WPT 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)
17736.160	45.80	-29.67	45.25	30.22	54.00	23.78	V
17737.860	45.80	-29.67	45.95	29.51	54.00	24.49	H
17690.600	45.80	-29.98	45.25	30.53	54.00	23.47	H
17786.820	45.80	-29.89	45.95	29.73	54.00	24.27	H
17720.860	45.70	-29.67	45.25	30.12	54.00	23.88	V
17580.440	45.70	-29.70	45.25	30.15	54.00	23.85	V

WPT 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)
17645.720	57.60	-29.60	45.25	41.95	74.00	32.05	H
17767.100	57.30	-29.63	45.95	40.97	74.00	33.03	H
17791.240	57.30	-29.89	45.95	41.23	74.00	32.77	V
17713.040	56.70	-29.73	45.25	41.19	74.00	32.81	H
17580.440	56.60	-29.70	45.25	41.05	74.00	32.95	H
17768.460	56.60	-29.63	45.95	40.27	74.00	33.73	H

Measurement results for Set.5:
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)
17665.440	46.30	-29.90	45.25	30.95	54.00	23.05	H
17708.960	46.30	-29.73	45.25	30.79	54.00	23.21	H
17752.820	46.30	-29.61	45.95	29.96	54.00	24.04	V
17777.980	46.30	-29.63	45.95	29.97	54.00	24.03	V
17721.200	46.20	-29.67	45.25	30.62	54.00	23.38	H
17744.320	45.90	-29.61	45.95	29.56	54.00	24.44	H

Charing 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)
17623.620	56.80	-29.40	45.25	40.95	74.00	33.05	V
17736.840	56.70	-29.67	45.25	41.12	74.00	32.88	V
17773.900	56.30	-29.63	45.95	39.97	74.00	34.03	H
17666.120	56.30	-29.90	45.25	40.95	74.00	33.05	H
17774.580	56.30	-29.63	45.95	39.97	74.00	34.03	V
17730.380	56.30	-29.67	45.25	40.72	74.00	33.28	V

Measurement results for Set.1:

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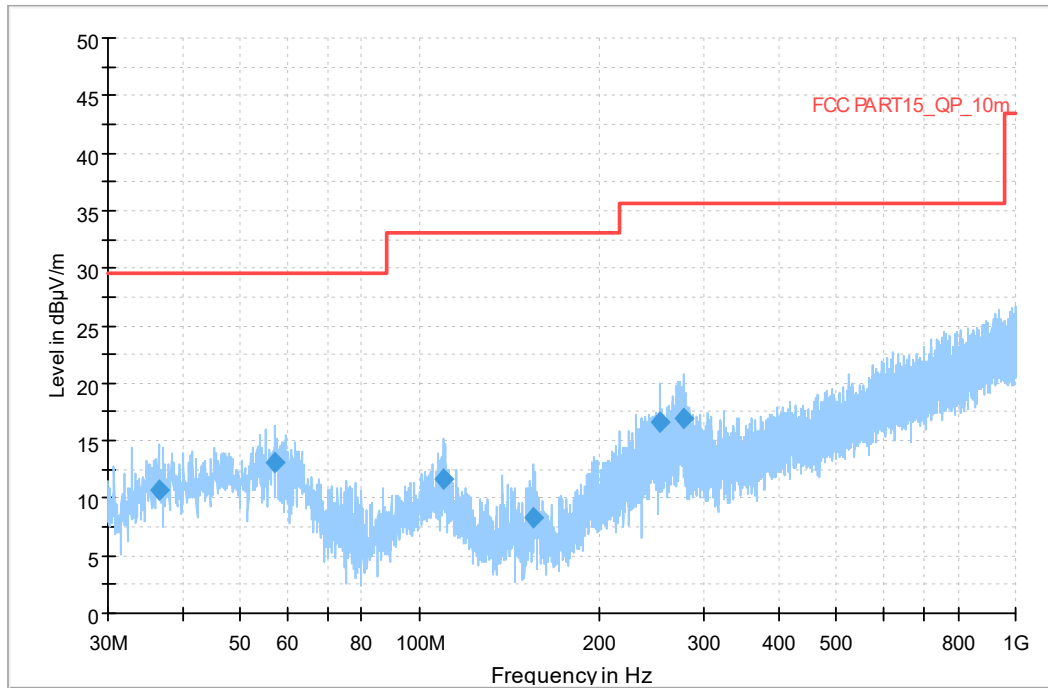
Fig A.1   Radiated Emission from 30MHz to 1GHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
36.499000	10.75	29.54	18.79	120.000	299.0	V	315.0
57.305500	13.15	29.54	16.39	120.000	223.0	V	225.0
109.879500	11.71	33.06	21.35	120.000	125.0	V	-22.0
155.130000	8.35	33.06	24.71	120.000	123.0	V	-45.0
252.275500	16.66	35.56	18.90	120.000	109.0	V	68.0
278.271500	16.98	35.56	18.58	120.000	100.0	V	143.0

Full Spectrum
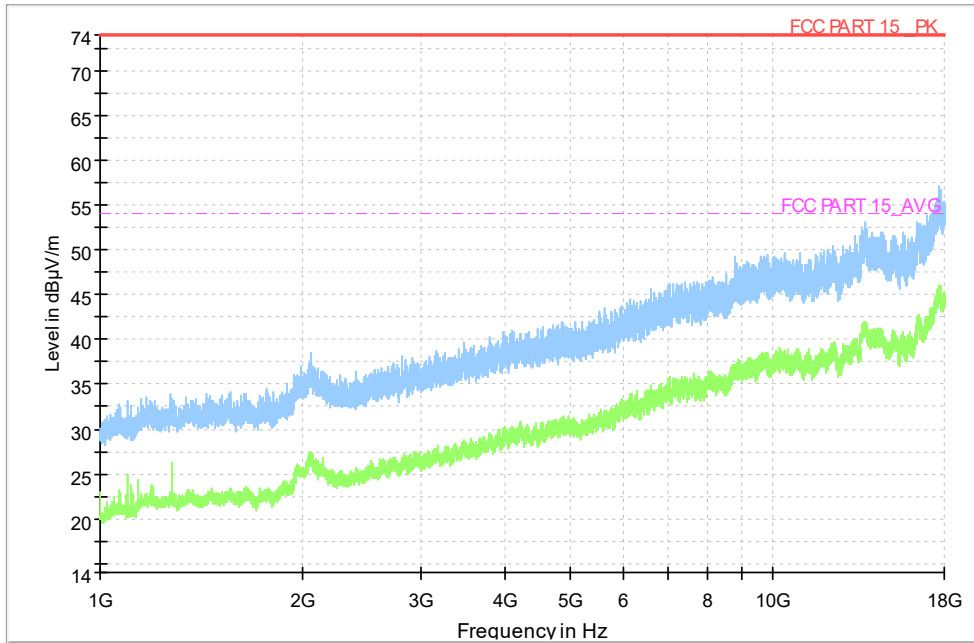
Fig A.2 Radiated Emission from 1GHz to 18GHz
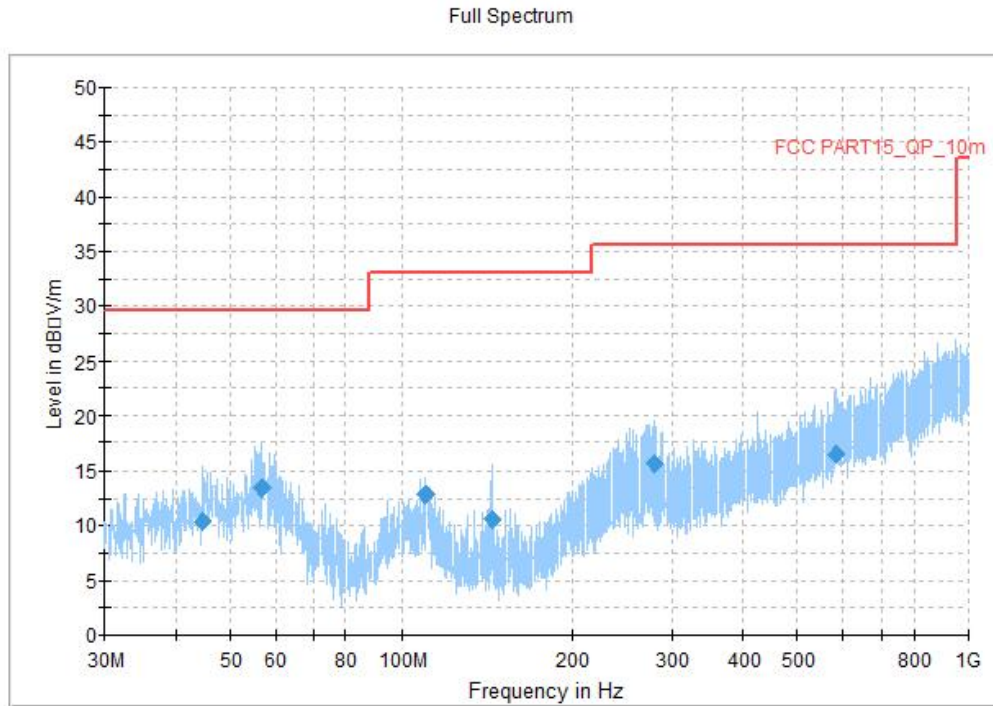
Measurement results for Set.2:

Full Spectrum

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

Final Result 1

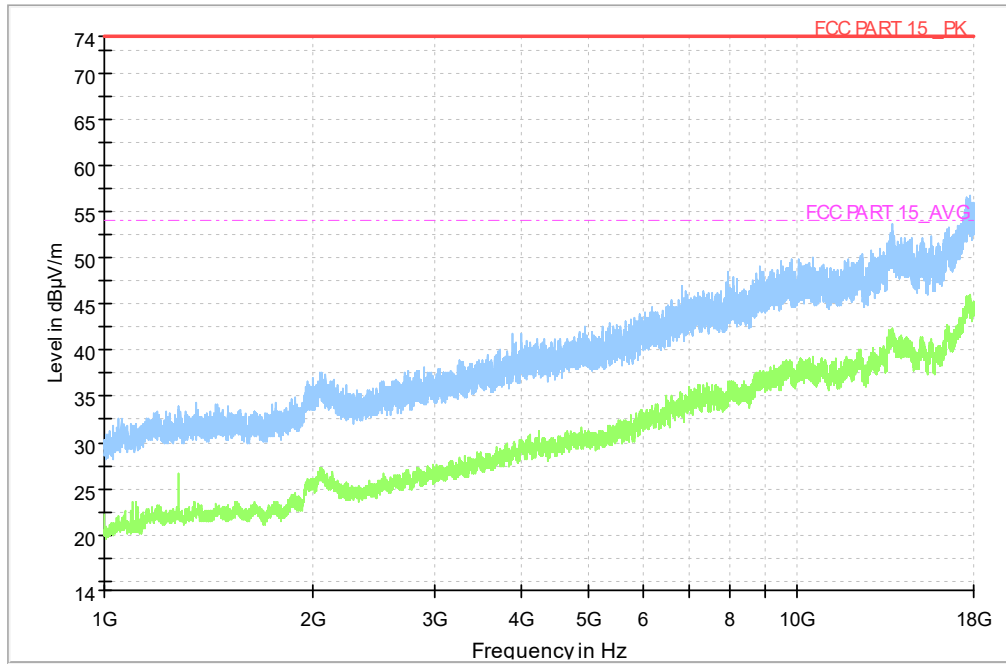| Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
44.744000	10.37	29.54	19.17	120.000	284.0	H	76.0
56.578000	13.43	29.54	16.11	120.000	320.0	V	45.0
110.752500	12.71	33.06	20.35	120.000	125.0	V	-15.0
144.217500	10.54	33.06	22.52	120.000	104.0	V	24.0
278.659500	15.72	35.56	19.84	120.000	110.0	V	188.0
584.985500	16.41	35.56	19.15	120.000	176.0	H	266.0

Full Spectrum

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

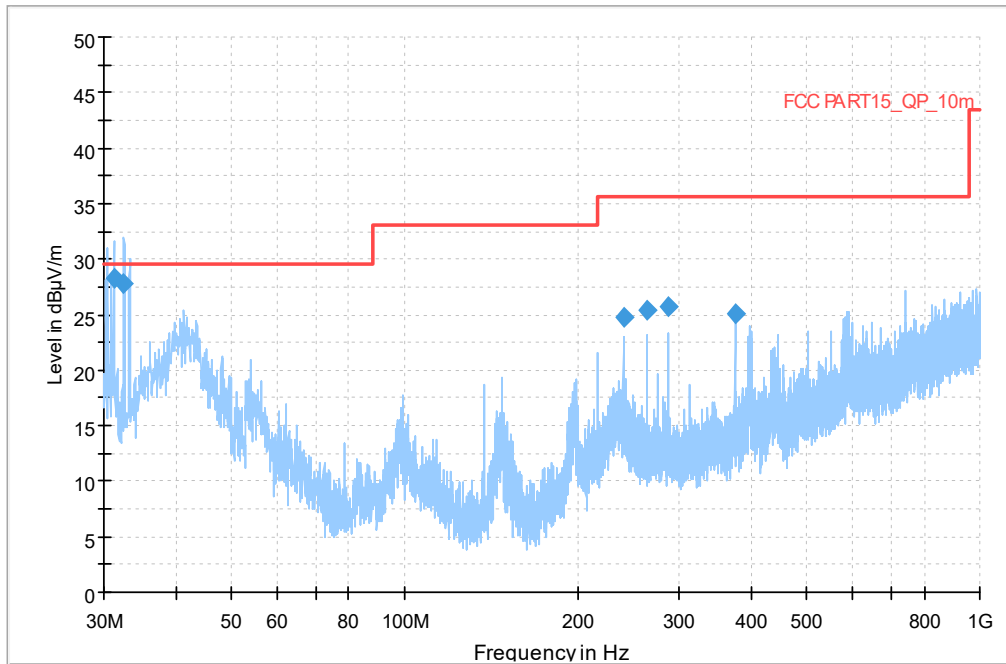**Measurement results for Set.3:**

Full Spectrum

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

Final Result 1

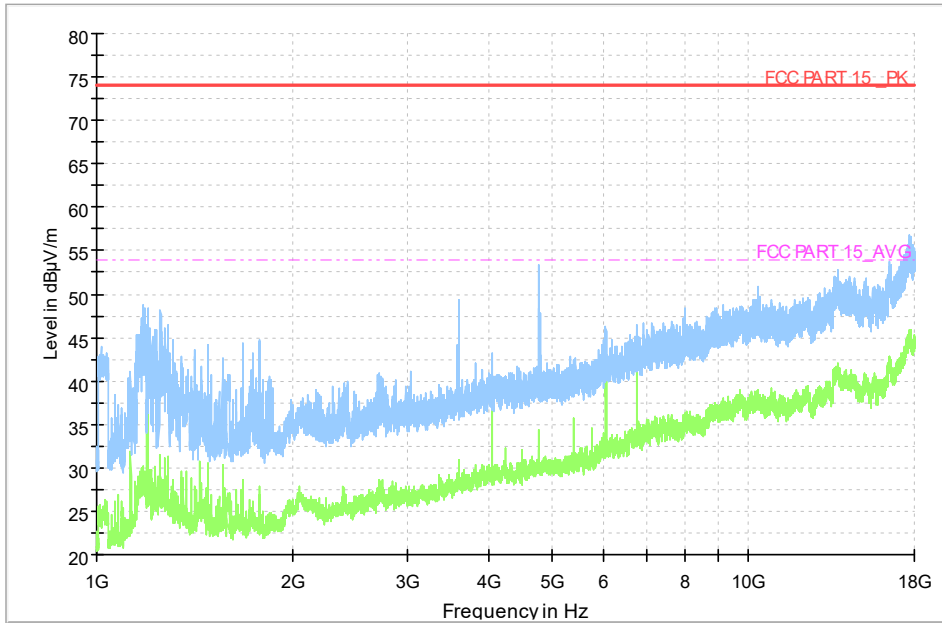| Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
31.212500	28.35	29.54	1.19	120.000	184.0	V	135.0
32.522000	27.74	29.54	1.80	120.000	284.0	V	135.0
240.005000	24.75	35.56	10.81	120.000	308.0	H	9.0
263.964000	25.46	35.56	10.10	120.000	323.0	H	15.0
288.020000	25.77	35.56	9.79	120.000	299.0	H	180.0
374.980500	25.09	35.56	10.47	120.000	225.0	H	173.0

Full Spectrum

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

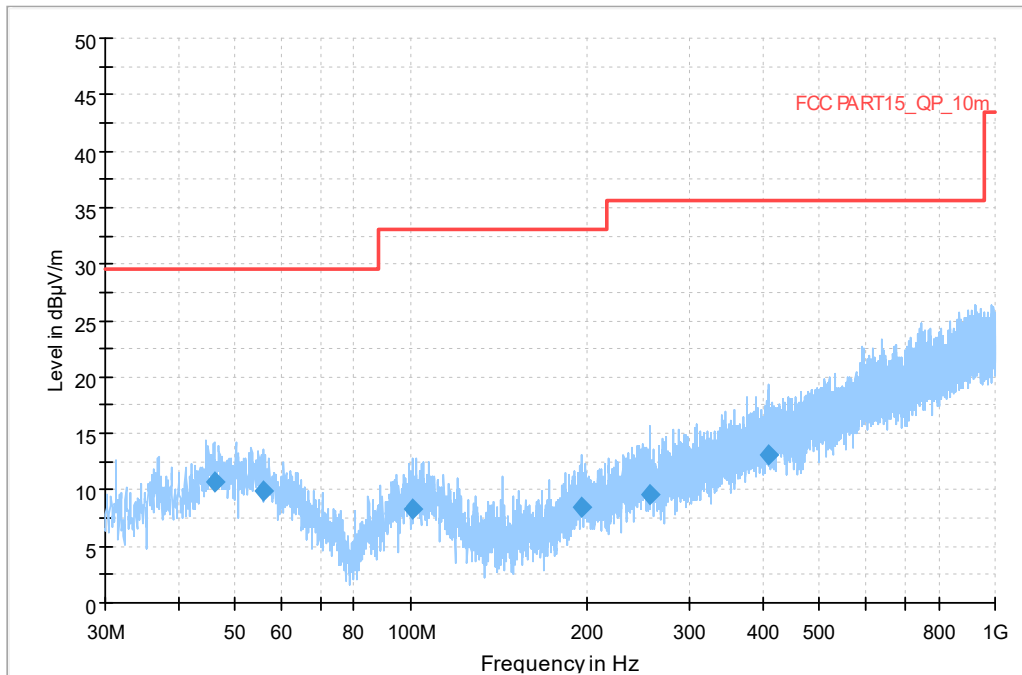**Measurement results for Set.4:**

Full Spectrum

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

Final Result 1

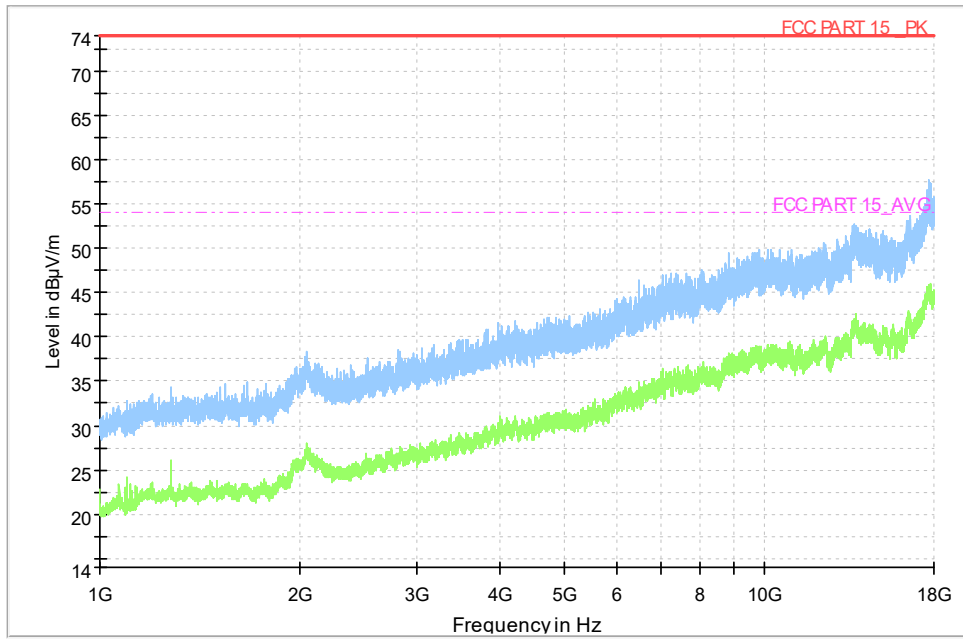| Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
46.053500	10.64	29.54	18.90	120.000	320.0	H	225.0
55.996000	9.87	29.54	19.67	120.000	225.0	H	271.0
100.616000	8.29	33.06	24.77	120.000	223.0	V	136.0
196.403500	8.40	33.06	24.66	120.000	291.0	H	180.0
256.010000	9.59	35.56	25.97	120.000	120.0	V	219.0
408.348500	13.10	35.56	22.46	120.000	225.0	V	121.0

Full Spectrum

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

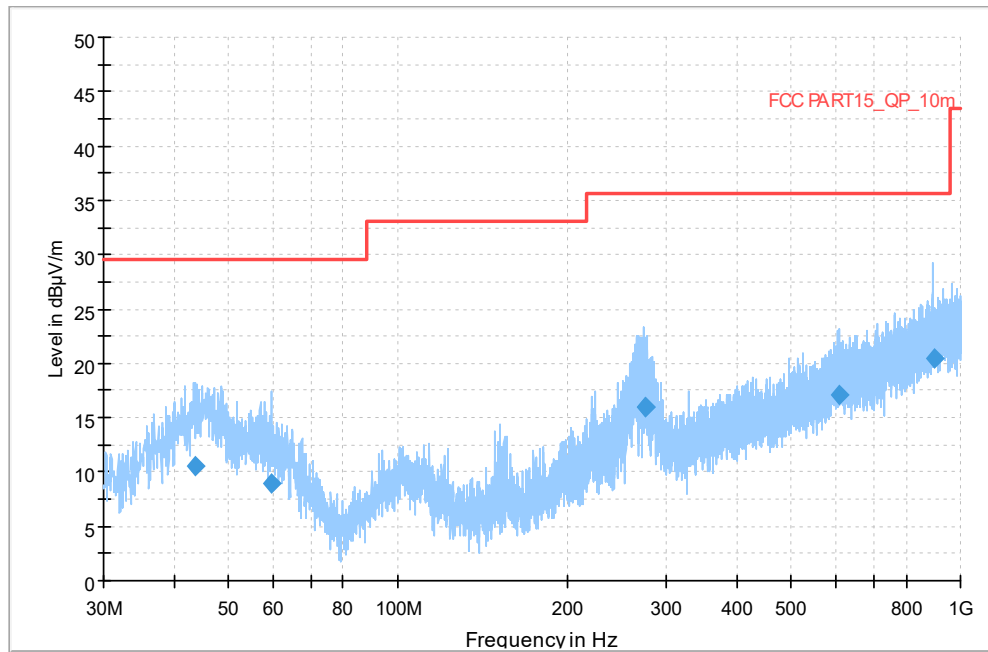**Measurement results for Set.4:**

Full Spectrum

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

Final Result 1

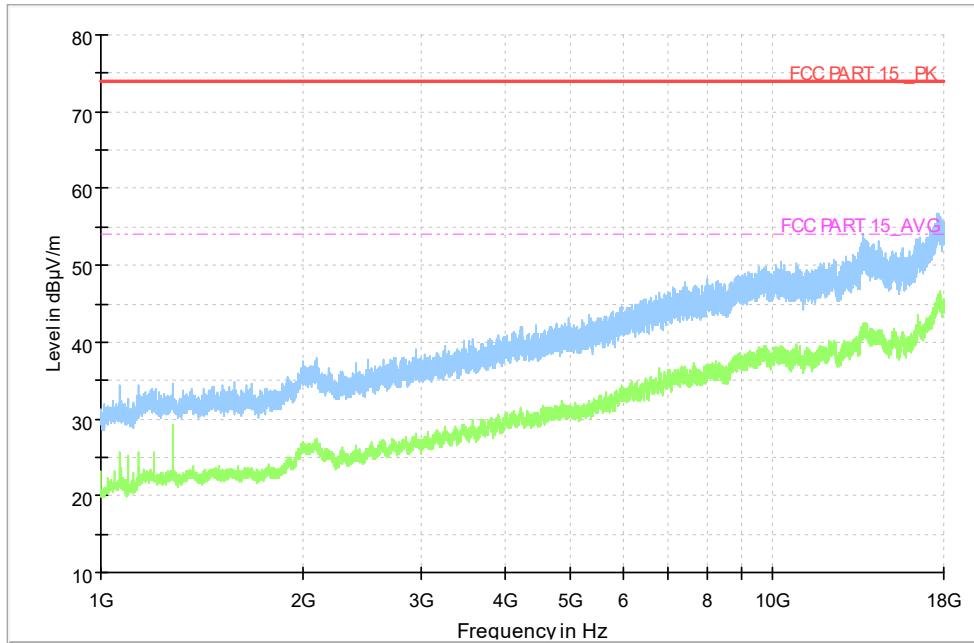| Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
43.562350	10.57	29.54	18.97	120.000	214.0	V	256.0
59.458103	8.94	29.54	20.60	120.000	120.0	V	-22.0
274.714915	15.91	35.56	22.14	120.000	101.0	V	83.0
274.714915	15.91	35.56	19.65	120.000	101.0	V	83.0
608.361985	17.06	35.56	18.50	120.000	125.0	V	135.0
897.641555	20.48	35.56	15.08	120.000	284.0	H	0.0

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

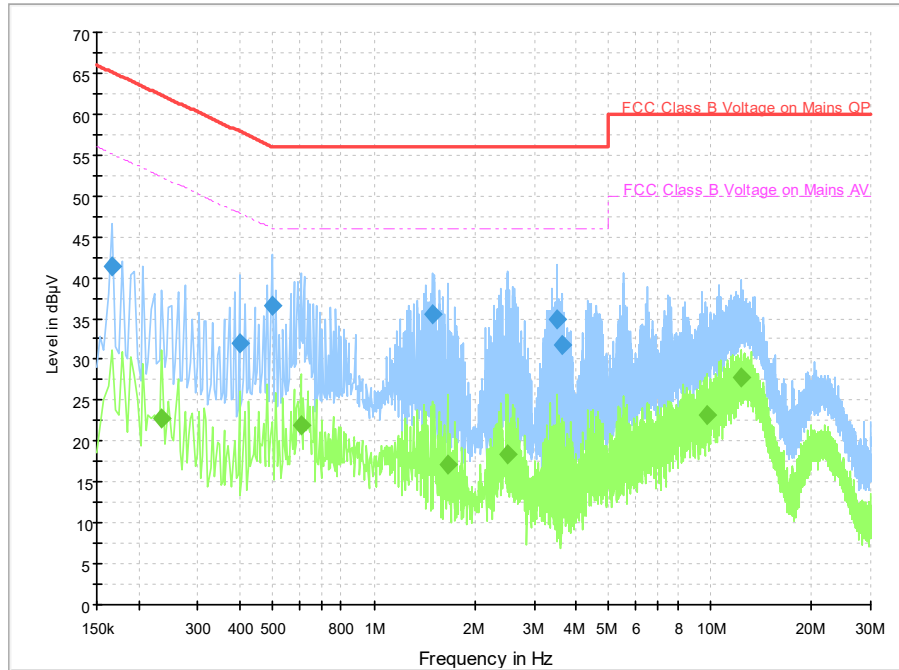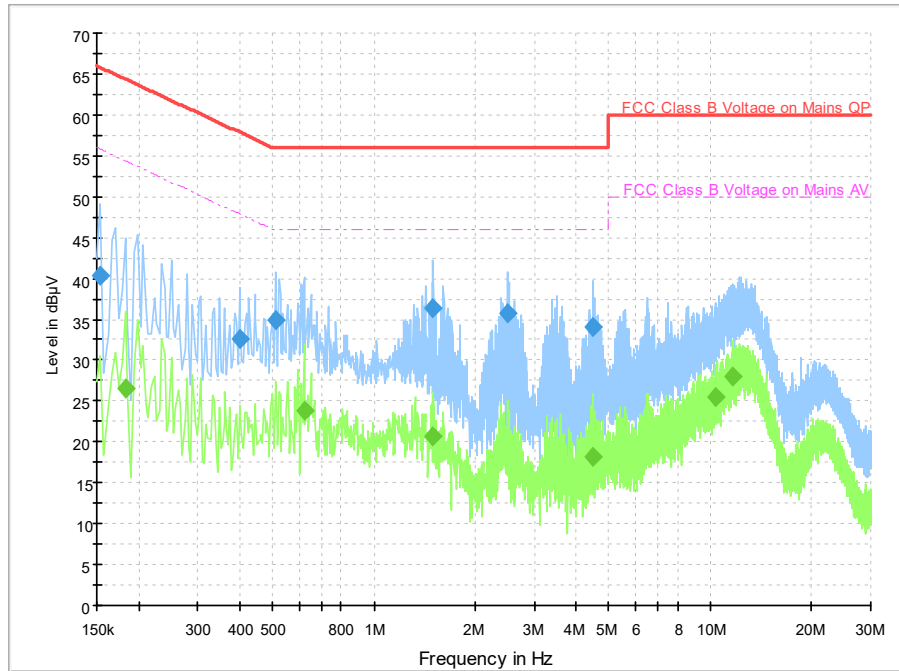Measurement uncertainty: U= 3.08 dB, k=2.

Charging Mode, Set.1:

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

Final Result 1

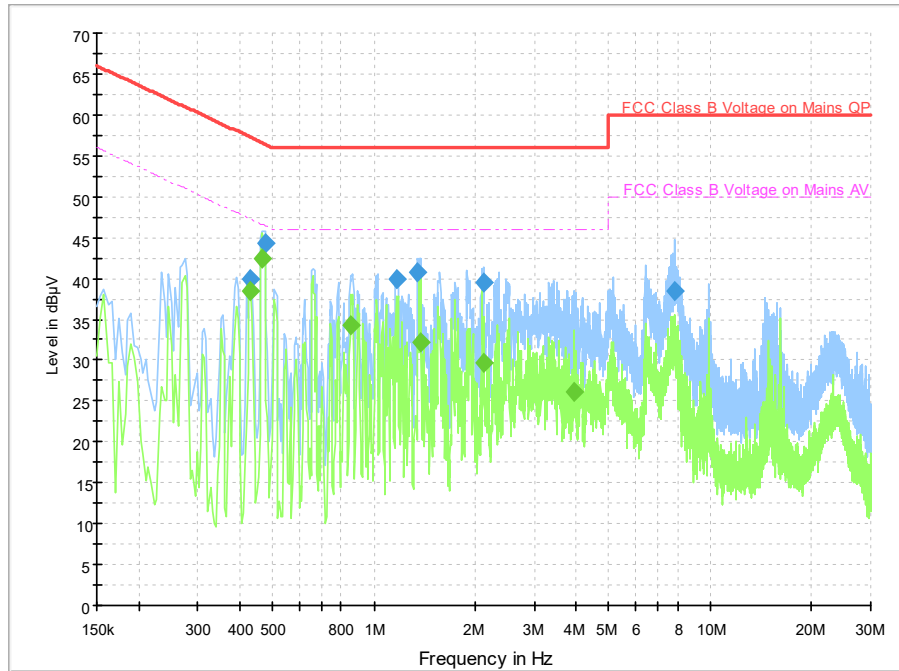| Frequency (MHz)	QuasiPeak (dBuV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)	Comment
0.166000	41.4	2000.0	9.000	On	L1	19.9	23.8	65.2	
0.398000	32.1	2000.0	9.000	On	N	19.9	25.8	57.9	
0.498000	36.6	2000.0	9.000	On	L1	20.0	19.4	56.0	
1.490000	35.4	2000.0	9.000	On	L1	19.9	20.6	56.0	
3.502000	34.8	2000.0	9.000	On	L1	19.8	21.2	56.0	
3.614000	31.8	2000.0	9.000	On	L1	19.8	24.2	56.0	

Final Result 2

Frequency (MHz)	Average (dBuV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)	Comment
0.234000	22.8	2000.0	9.000	On	L1	19.9	29.5	52.3	
0.606000	21.9	2000.0	9.000	On	N	19.9	24.1	46.0	
1.654000	17.1	2000.0	9.000	On	L1	19.8	28.9	46.0	
2.494000	18.4	2000.0	9.000	On	L1	19.8	27.6	46.0	
9.746000	23.3	2000.0	9.000	On	L1	19.9	26.7	50.0	
12.398000	27.9	2000.0	9.000	On	L1	20.0	22.1	50.0	

Charging Mode, Set.2:

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

Final Result 1

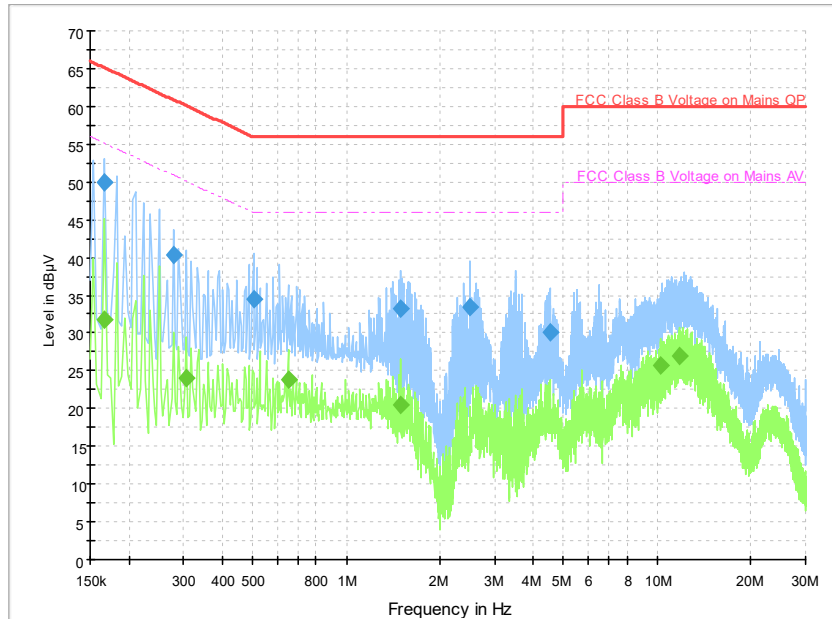| Frequency (MHz)	QuasiPeak (dBuV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)	Comment
0.154000	40.3	2000.0	9.000	On	N	20.0	25.5	65.8	
0.398000	32.7	2000.0	9.000	On	N	19.9	25.2	57.9	
0.510000	35.0	2000.0	9.000	On	N	19.9	21.0	56.0	
1.502000	36.4	2000.0	9.000	On	N	19.7	19.6	56.0	
2.502000	35.8	2000.0	9.000	On	N	19.6	20.2	56.0	
4.502000	34.0	2000.0	9.000	On	N	19.6	22.0	56.0	

Final Result 2

Frequency (MHz)	Average (dBuV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)	Comment
0.182000	26.6	2000.0	9.000	On	L1	19.9	27.8	54.4	
0.622000	23.8	2000.0	9.000	On	N	19.8	22.2	46.0	
1.502000	20.7	2000.0	9.000	On	N	19.7	25.3	46.0	
4.502000	18.3	2000.0	9.000	On	N	19.6	27.7	46.0	
10.342000	25.5	2000.0	9.000	On	N	19.7	24.5	50.0	
11.678000	28.0	2000.0	9.000	On	N	19.7	22.0	50.0	

USB Mode, Set.3:

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
0.430000	40.0	2000.0	9.000	On	L1	20.0	17.3	57.3	
0.474000	44.3	2000.0	9.000	On	L1	20.0	12.2	56.4	
1.174000	39.9	2000.0	9.000	On	L1	19.9	16.1	56.0	
1.350000	40.8	2000.0	9.000	On	L1	19.9	15.2	56.0	
2.126000	39.4	2000.0	9.000	On	L1	19.8	16.6	56.0	
7.842000	38.5	2000.0	9.000	On	L1	19.9	21.5	60.0	

Final Result 2

Frequency (MHz)	Average (dBuV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)	Comment
0.430000	38.4	2000.0	9.000	On	L1	20.0	8.9	47.3	
0.466000	42.5	2000.0	9.000	On	L1	20.0	4.1	46.6	
0.858000	34.2	2000.0	9.000	On	N	19.8	11.8	46.0	
1.378000	32.1	2000.0	9.000	On	N	19.7	13.9	46.0	
2.126000	29.8	2000.0	9.000	On	L1	19.8	16.2	46.0	
3.950000	26.1	2000.0	9.000	On	N	19.6	19.9	46.0	

Charging Mode, Set.5:

Fig A.14 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
0.166000	49.9	2000.0	9.000	On	L1	19.9	15.3	65.2	
0.278000	40.3	2000.0	9.000	On	L1	19.9	20.6	60.9	
0.502000	34.4	2000.0	9.000	On	N	19.9	21.6	56.0	
1.494000	33.2	2000.0	9.000	On	N	19.7	22.8	56.0	
2.498000	33.5	2000.0	9.000	On	N	19.6	22.5	56.0	
4.506000	30.2	2000.0	9.000	On	L1	19.8	25.8	56.0	

Final Result 2

Frequency (MHz)	Average (dBuV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)	Comment
0.166000	31.8	2000.0	9.000	On	L1	19.9	23.4	55.2	
0.306000	24.1	2000.0	9.000	On	L1	19.9	26.0	50.1	
0.650000	23.9	2000.0	9.000	On	N	19.8	22.1	46.0	
1.494000	20.4	2000.0	9.000	On	N	19.7	25.6	46.0	
10.238000	25.6	2000.0	9.000	On	N	19.7	24.4	50.0	
11.778000	27.0	2000.0	9.000	On	N	19.7	23.0	50.0	

END OF REPORT