



FCC PART 15B TEST REPORT

No. I22Z61533-EMC01

for

Wingtech Mobile Communications Co.,Ltd.

5G Mobile Phone

Model name: Celero5G+

FCC ID: 2APXW-CELERO5GPLUS

with

Hardware Version: V1.0

Software Version: Celero5GPlus_0.01.03

Issued Date: 2022-10-17

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.

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

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REPORT HISTORY

Report Number	Revision	Description	Issue Date
I22Z61533-EMC01	Rev.0	1 st edition	2022-10-17

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: 2022-09-28

Testing End Date: 2022-10-13


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

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2.2. Manufacturer Information

Company Name: Wingtech Group (Hong Kong) Limited
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Fax: /

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

3.1. About EUT

Description	5G Mobile Phone
Model Name	Celero5G+
FCC ID:	2APXW-CELERO5GPLUS

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	869183060021163	V1.0	Celero5GPlus_0.01.03

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

3.3. Internal Identification of AE used during the test

AE ID*	Description	SN	Remarks
AE1	Battery	/	/
AE2	Charger	/	/
AE3	USB Cable	/	/

AE1

Model	TM001
Manufacturer	Dongguan Veken Battery Co., Ltd.
Capacity	min4900,typ5000
Nominal Voltage	3.87V

AE2

Model	BLJ15W050300U-U
Manufacturer	Zhongshan Baolijin Electronic Co., Ltd.
Length of cable	/

AE3

Model	USB AM TO TYPE-C2.0
Manufacturer	Huizhou Washin Electronics Co., LTD
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 + AE2 + AE3	Charger1 + REAR Camera
Set.2	EUT1 + AE1 + AE2 + AE3	Charger1 + MP4 + WCDMA 850 idle
Set.3	EUT1 + AE1 + AE2 + AE3	Charger1 + front camera +LTE B5 idle
Set.4	EUT1 + AE1 + AE2	USB + NR n5 idle

Note:



Equipment Under Test (EUT) is a model of 5G Mobile Phone with integrated antenna.

It supports

GSM Band	GSM 850/900, DCS1800,PCS1900
UMTS Band	FDD Band II(W1900) /FDD Band IV(W1700)/FDD Band V(W850)
LTE Band	FDD2/FDD4/FDD5/FDD12/FDD14/FDD25/FDD26/FDD29/FDD30/TDD 41/TDD48/FDD 66/FDD71
NR Band	n2/n5/n25/n30/n41/n48/n66/n70/n71/n77, NSA n29

It has MP3, Camera, USB memory, Bluetooth 5.1, Wi-Fi (802.11a/b/g/n/ac, 802.11n supports 20MHz and 40MHz bandwidth, 802.11ac supports 20MHz, 40MHz and 80MHz bandwidth) ,GPS , Glonass , Gallileo functions.

The device contains receivers which tune and operate between 30MHz-960MHz in the following bands: GSM850, WCDMA850, LTE Band 5/12/14/26/71, NR Band n5/n71. All licensed band receivers that tune in the range of 30MHz-960MHz are investigated. 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. LABORATORY ENVIRONMENT

Semi-anechoic chamber SAC-1 (10 meters×6.7meters×6.1meters) did not exceed following limits along the EMC testing:

Temperature	Min. = 15 °C, Max. = 35 °C
Relative humidity	Min. = 15 %, Max. = 75 %
Shielding effectiveness	0.014MHz-1MHz, >60dB; 1MHz - 1000MHz, >90dB.
Electrical insulation	> 2 MΩ
Ground system resistance	< 4 Ω
Normalised site attenuation (NSA)	< ±4 dB, 3m distance
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 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

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)

7. Test Equipments Utilized

NO.	Description	TYPE	SERIES NUMBER	MANUFACTURE	CAL DUE DATE	CALIBRATION INTERVAL
1	Test Receiver	ESU 26	100235	R&S	2023/03/08	1 Year
2	LISN	ENV216	101200	R&S	2023-06-29	1 year
3	Universal Radio Communication Tester	CMW500	116588	R&S	2022-12-20	1 year
4	Universal Radio Communication Tester	E7515B	MY60102215	Keysight	2023/06/09	1 year
5	Test Receiver	ESCI 7	100344	R&S	2023-03-21	1 Year
6	EMI Antenna	VULB 9163	302	SCHWARZBECK	2022-12-28	1 year
7	EMI Antenna	3115	00167250	ETS-Lindgren	2023-06-20	1 year
8	Software	EMC32	/	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 (USB 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 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 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.

A.1.3 Measurement Limit

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

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

Where

G_A : Antenna factor of receive antenna

G_{PL} : Path Loss

P_{Mea} : Measurement result on receiver.

Measurement uncertainty (worst case): $U = 5.54 \text{ dB}$, $k=2$.

Measurement results for Set.1:

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)
17491.360	42.20	-29.77	44.35	27.62	54.00	11.80	V
17994.220	42.00	-29.06	46.66	24.40	54.00	12.00	H
17978.240	42.00	-29.06	46.66	24.40	54.00	12.00	V
17918.400	42.00	-29.33	46.66	24.67	54.00	12.00	V
17642.320	42.00	-29.60	45.25	26.35	54.00	12.00	H
17569.220	42.00	-29.79	45.25	26.55	54.00	12.00	V

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)
17998.640	52.70	-29.06	46.66	35.10	74.00	21.30	V
17916.360	52.50	-29.33	46.66	35.17	74.00	21.50	H
17991.500	52.50	-29.06	46.66	34.90	74.00	21.50	H
17247.920	52.40	-30.02	43.36	39.06	74.00	21.60	V
17650.820	52.40	-29.60	45.25	36.75	74.00	21.60	H
17556.640	52.40	-29.49	44.35	37.53	74.00	21.60	H

Measurement results for Set.2:
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)
17924.520	42.00	-29.40	46.66	24.74	54.00	12.00	V
17995.240	41.90	-29.06	46.66	24.30	54.00	12.10	H
17905.480	41.90	-29.33	45.95	25.27	54.00	12.10	V
17998.300	41.80	-29.06	46.66	24.20	54.00	12.20	H
17996.260	41.80	-29.06	46.66	24.20	54.00	12.20	V
17975.520	41.80	-29.06	46.66	24.20	54.00	12.20	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)
17521.960	53.20	-29.32	44.35	38.17	74.00	20.80	V
17808.920	53.20	-29.63	45.95	36.88	74.00	20.80	H
17617.840	53.10	-29.52	45.25	37.37	74.00	20.90	V
17481.160	53.00	-29.77	44.35	38.42	74.00	21.00	V
17988.100	52.80	-29.06	46.66	35.20	74.00	21.20	H
17416.900	52.40	-29.44	44.35	37.49	74.00	21.60	V

Measurement results for Set.3:
Charging 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)
17987.080	42.20	-29.06	46.66	24.60	54.00	11.80	V
17994.220	42.20	-29.06	46.66	24.60	54.00	11.80	H
17987.420	42.20	-29.06	46.66	24.60	54.00	11.80	H
17993.880	42.20	-29.06	46.66	24.60	54.00	11.80	V
17799.740	42.10	-29.89	45.95	26.03	54.00	11.90	V
17991.160	42.10	-29.06	46.66	24.50	54.00	11.90	V

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)
17965.660	53.00	-29.06	46.66	35.40	74.00	21.00	V
17889.500	52.90	-29.53	45.95	36.48	74.00	21.10	H
17958.860	52.70	-28.94	46.66	34.98	74.00	21.30	V
17597.440	52.70	-29.70	45.25	37.15	74.00	21.30	H
17987.420	52.70	-29.06	46.66	35.10	74.00	21.30	H
17997.620	52.60	-29.06	46.66	35.00	74.00	21.40	V

Measurement results for Set.4:
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)
17995.580	42.70	-29.06	46.66	25.10	54.00	11.30	V
17987.080	42.60	-29.06	46.66	25.00	54.00	11.40	H
17988.440	42.50	-29.06	46.66	24.90	54.00	11.50	H
17998.300	42.40	-29.06	46.66	24.80	54.00	11.60	V
17886.100	42.40	-29.53	45.95	25.98	54.00	11.60	H
17985.040	42.30	-29.06	46.66	24.70	54.00	11.70	V

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)
17631.780	53.70	-29.40	45.25	37.85	74.00	20.30	V
17999.660	53.40	-29.06	46.66	35.80	74.00	20.60	V
17545.760	52.90	-29.49	44.35	38.03	74.00	21.10	H
17995.920	52.90	-29.06	46.66	35.30	74.00	21.10	V
17443.080	52.70	-29.87	44.35	38.22	74.00	21.30	V
17917.720	52.70	-29.33	46.66	35.37	74.00	21.30	V

Measurement results for Set.1:

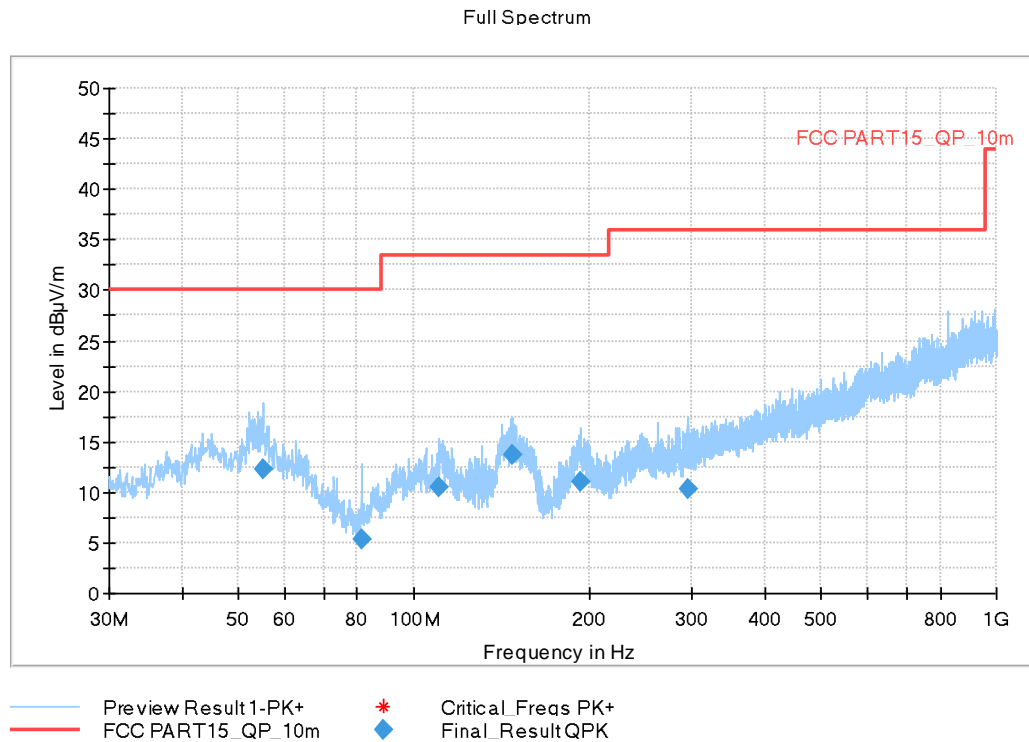


Fig A.1 Radiated Emission from 30MHz to 1GHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
55.220000	12.29	30.00	17.71	2000.0	120.000	99.0	V	-44.0
81.313000	5.39	30.00	24.61	2000.0	120.000	107.0	V	22.0
110.316000	10.48	33.52	23.04	2000.0	120.000	125.0	V	45.0
147.176000	13.64	33.52	19.88	2000.0	120.000	175.0	V	-4.0
192.766000	11.05	33.52	22.47	2000.0	120.000	107.0	V	45.0
294.713000	10.36	36.02	25.66	2000.0	120.000	125.0	V	135.0

Full Spectrum

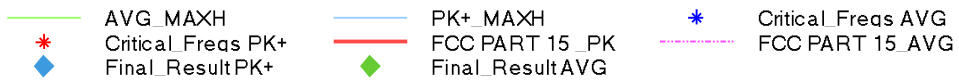
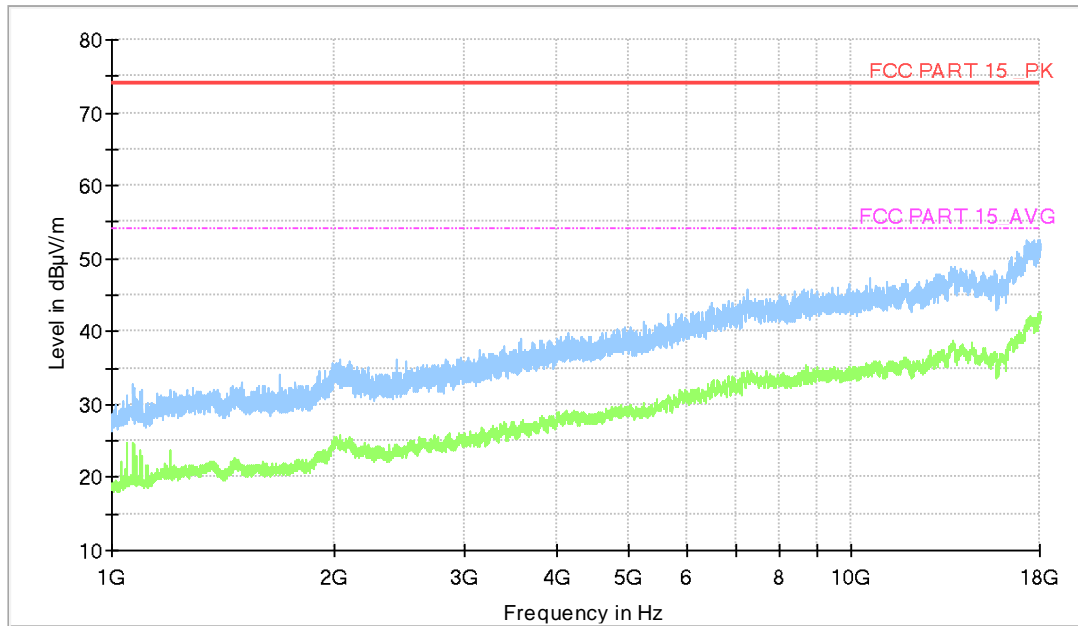


Fig A.2 Radiated Emission from 1GHz to 18GHz

Measurement results for Set.2:

Full Spectrum

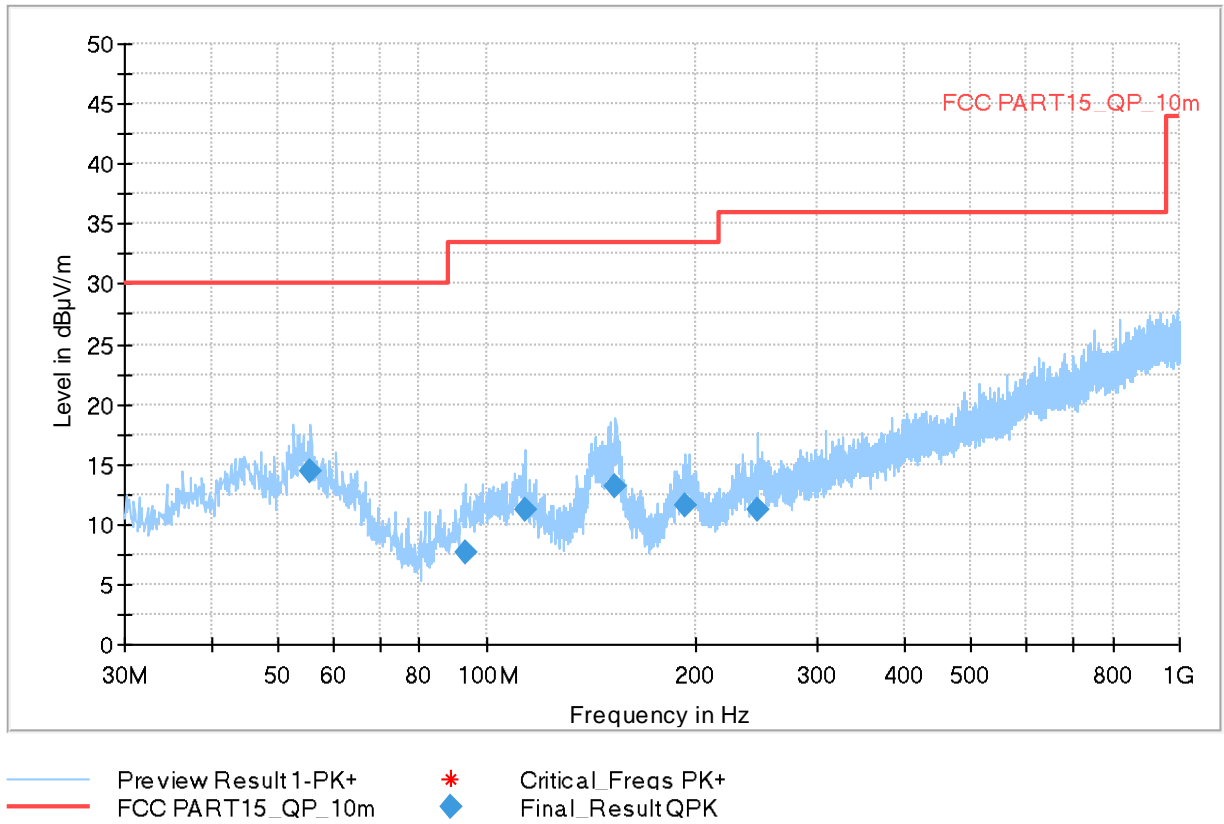


Fig A.3 Radiated Emission from 30MHz to 1GHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
55.705000	14.38	30.00	15.62	2000.0	120.000	99.0	V	135.0
93.050000	7.69	33.52	25.83	2000.0	120.000	283.0	H	149.0
113.711000	11.26	33.52	22.26	2000.0	120.000	223.0	V	47.0
153.481000	13.10	33.52	20.42	2000.0	120.000	225.0	V	-17.0
193.736000	11.65	33.52	21.87	2000.0	120.000	125.0	V	127.0
245.728000	11.15	36.02	24.87	2000.0	120.000	125.0	V	265.0

Full Spectrum

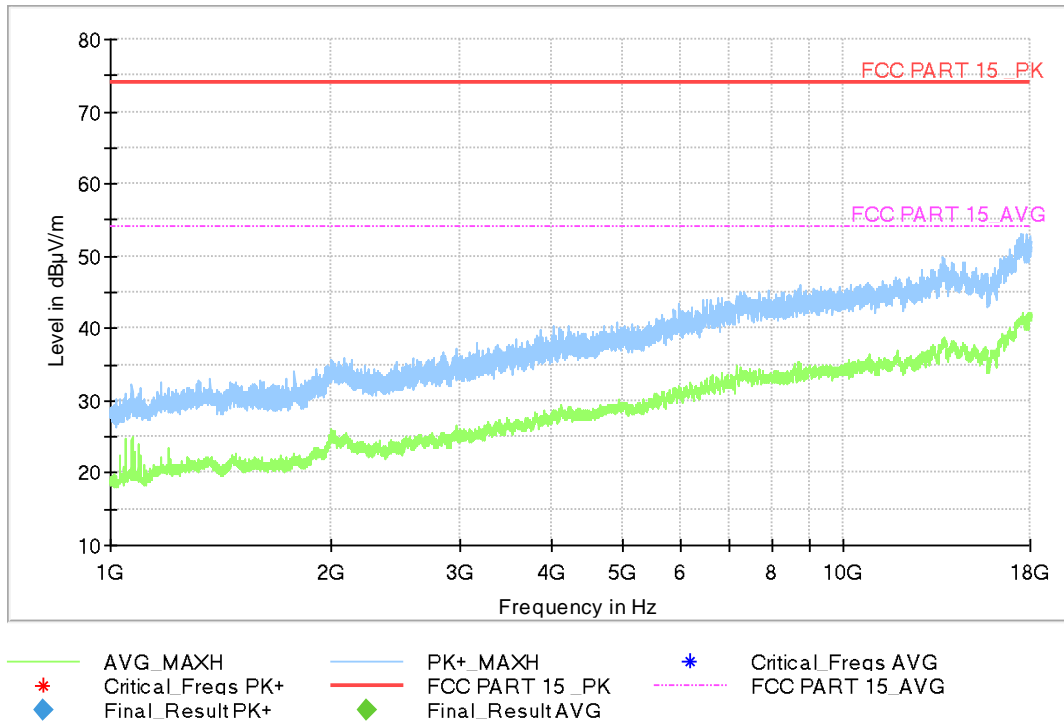


Fig A.4 Radiated Emission from 1GHz to 18GHz

Measurement results for Set.3:

Full Spectrum

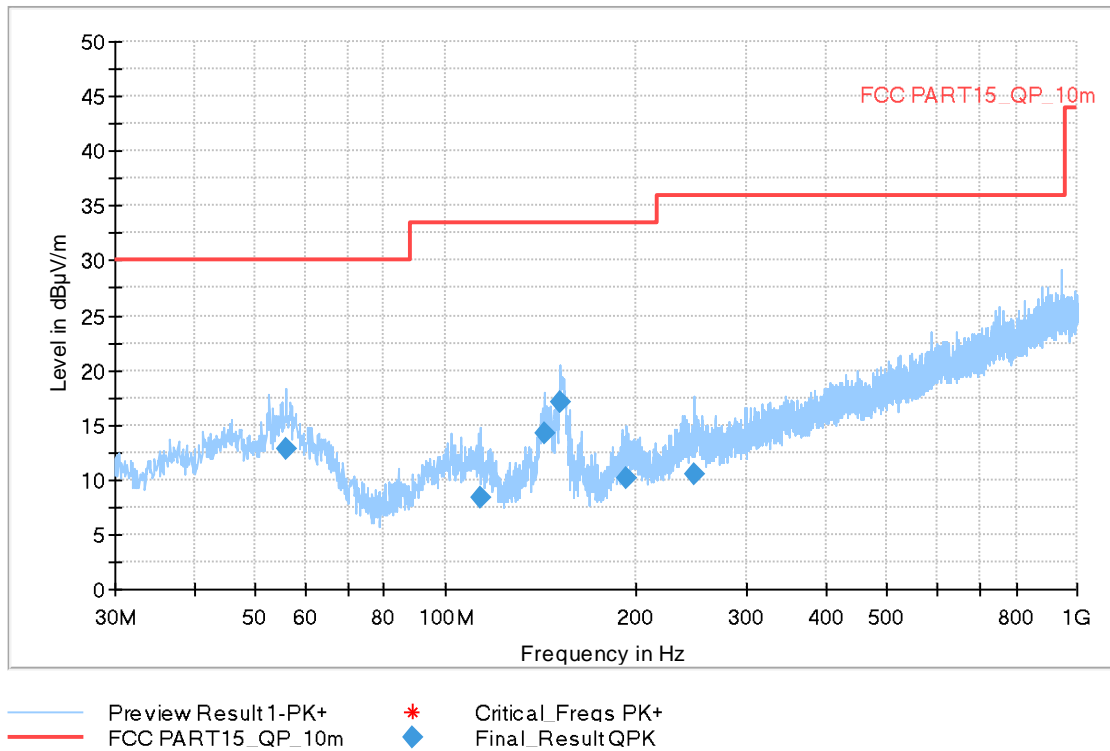


Fig A.5 Radiated Emission from 30MHz to 1GHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
55.899000	12.82	30.00	17.18	2000.0	120.000	107.0	V	239.0
113.808000	8.33	33.52	25.19	2000.0	120.000	302.0	V	22.0
143.490000	14.31	33.52	19.21	2000.0	120.000	125.0	V	-18.0
151.832000	17.02	33.52	16.50	2000.0	120.000	125.0	V	-5.0
193.930000	10.12	33.52	23.40	2000.0	120.000	125.0	V	135.0
248.347000	10.55	36.02	25.47	2000.0	120.000	99.0	V	266.0

Full Spectrum

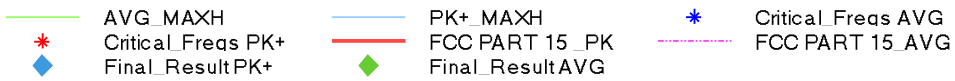
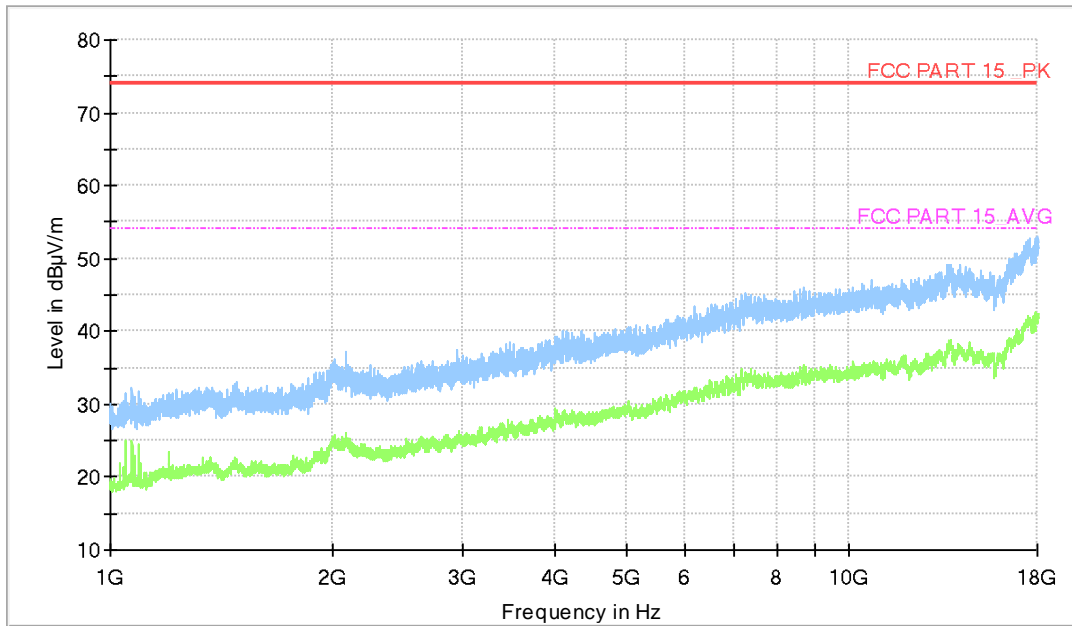


Fig A.6 Radiated Emission from 1GHz to 18GHz

Measurement results for Set.4:

RE FCC_30MHz-1GHz_10m_Direct_testing_FP5b

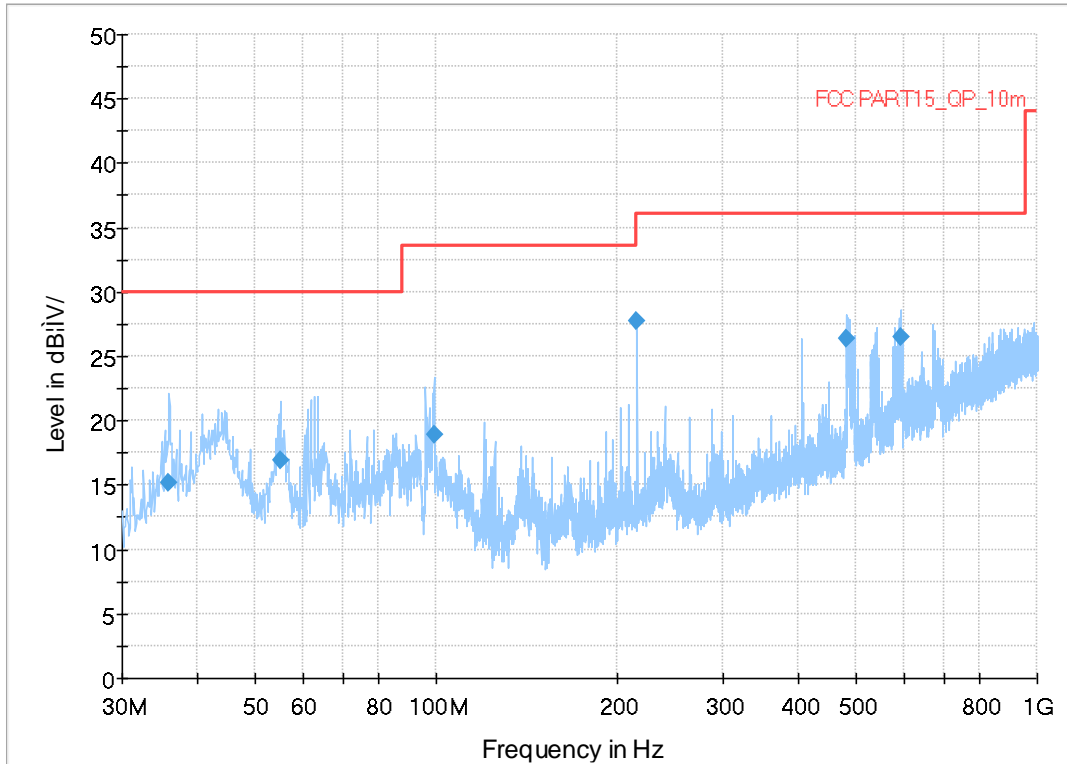


Fig A.7 Radiated Emission from 30MHz to 1GHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
35.917000	15.2	30.0	14.8	2000.0	120.000	126.0	V	105.0
55.026000	16.9	30.0	13.1	2000.0	120.000	298.0	V	15.0
99.064000	19.0	33.5	14.6	2000.0	120.000	301.0	V	0.0
215.949000	27.7	33.5	5.8	2000.0	120.000	325.0	H	285.0
480.759000	26.4	36.0	9.6	2000.0	120.000	231.0	V	0.0
593.861000	26.5	36.0	9.5	2000.0	120.000	231.0	V	-23.0

Full Spectrum

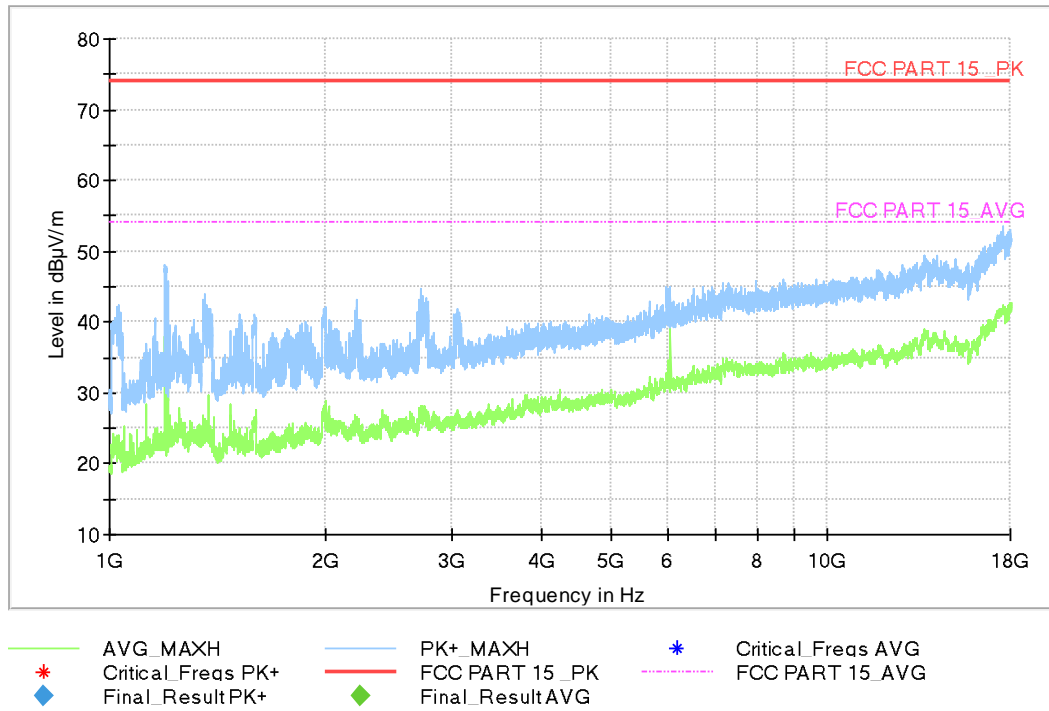


Fig A.8 Radiated Emission from 1GHz to 18GHz

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 (dB μ V)	
	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:

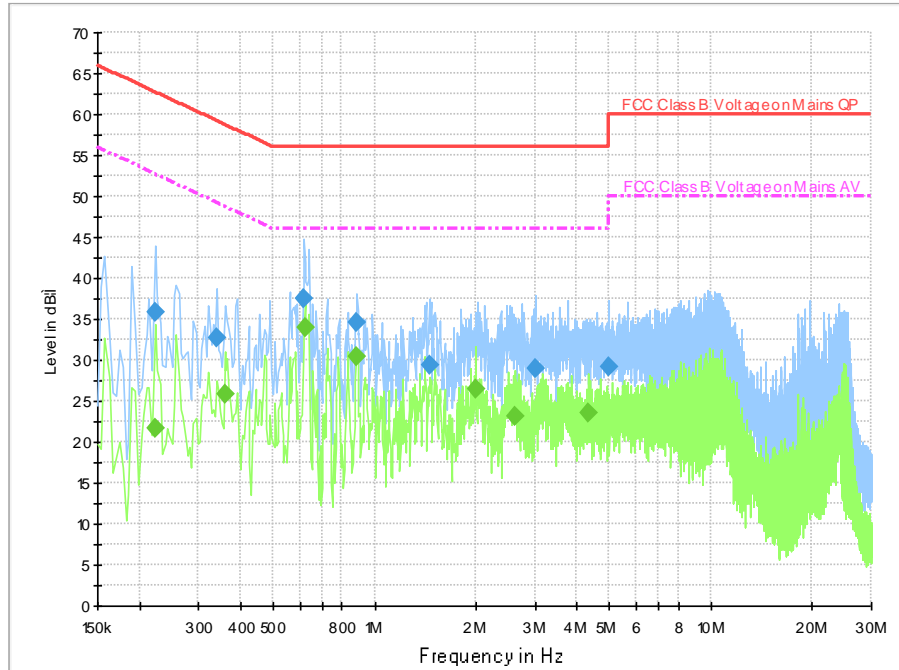


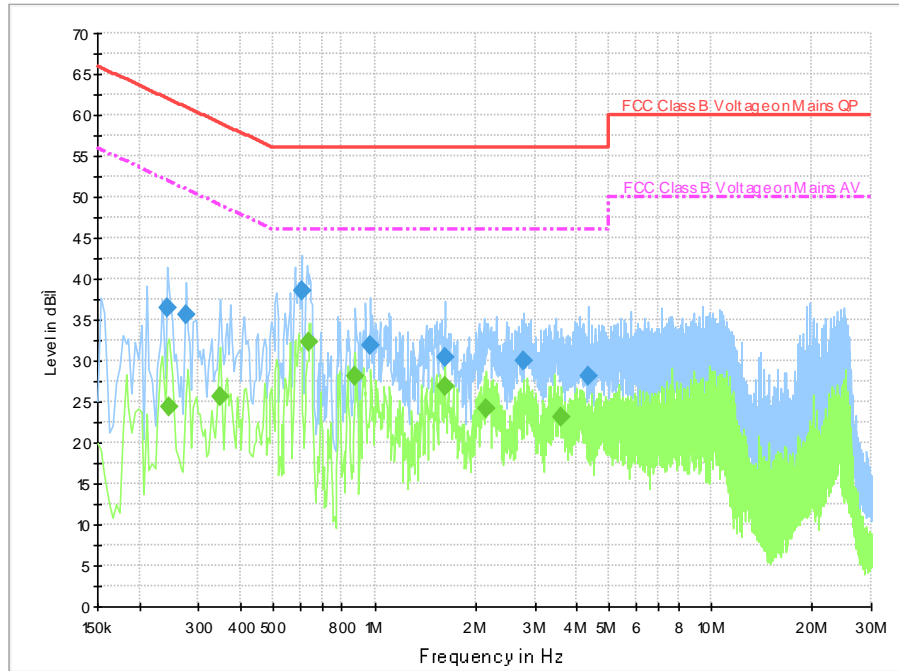
Fig A.9 Conducted Emission from 150kHz to 30MHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBuV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)	Comment
0.222000	35.8	2000.0	9.000	On	N	19.7	26.9	62.7	
0.338000	32.7	2000.0	9.000	On	N	19.7	26.5	59.3	
0.618000	37.5	2000.0	9.000	On	N	19.6	18.5	56.0	
0.886000	34.7	2000.0	9.000	On	L1	19.7	21.4	56.0	
1.454000	29.5	2000.0	9.000	On	N	19.6	26.5	56.0	
2.994000	29.0	2000.0	9.000	On	N	19.6	27.0	56.0	

Final Result 2

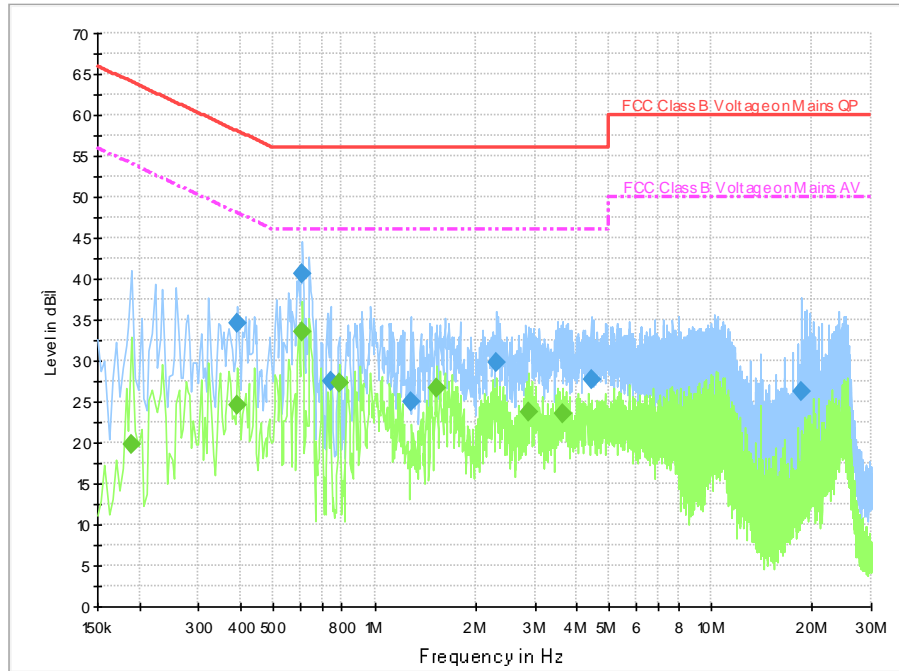
Frequency (MHz)	Average (dBuV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)	Comment
0.222000	21.7	2000.0	9.000	On	N	19.7	31.1	52.7	
0.358000	25.9	2000.0	9.000	On	L1	19.7	22.8	48.8	
0.622000	33.9	2000.0	9.000	On	L1	19.7	12.1	46.0	
0.882000	30.3	2000.0	9.000	On	L1	19.7	15.7	46.0	
1.994000	26.4	2000.0	9.000	On	L1	19.6	19.6	46.0	
2.618000	23.0	2000.0	9.000	On	N	19.6	23.0	46.0	

Charging Mode, Set.2:

Fig A.10 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
0.242000	36.4	2000.0	9.000	On	N	19.7	25.7	62.0	
0.274000	35.7	2000.0	9.000	On	N	19.7	25.3	61.0	
0.606000	38.6	2000.0	9.000	On	N	19.6	17.4	56.0	
0.970000	31.9	2000.0	9.000	On	N	19.6	24.1	56.0	
1.618000	30.4	2000.0	9.000	On	N	19.6	25.6	56.0	
2.766000	30.0	2000.0	9.000	On	L1	19.6	26.0	56.0	

Final Result 2

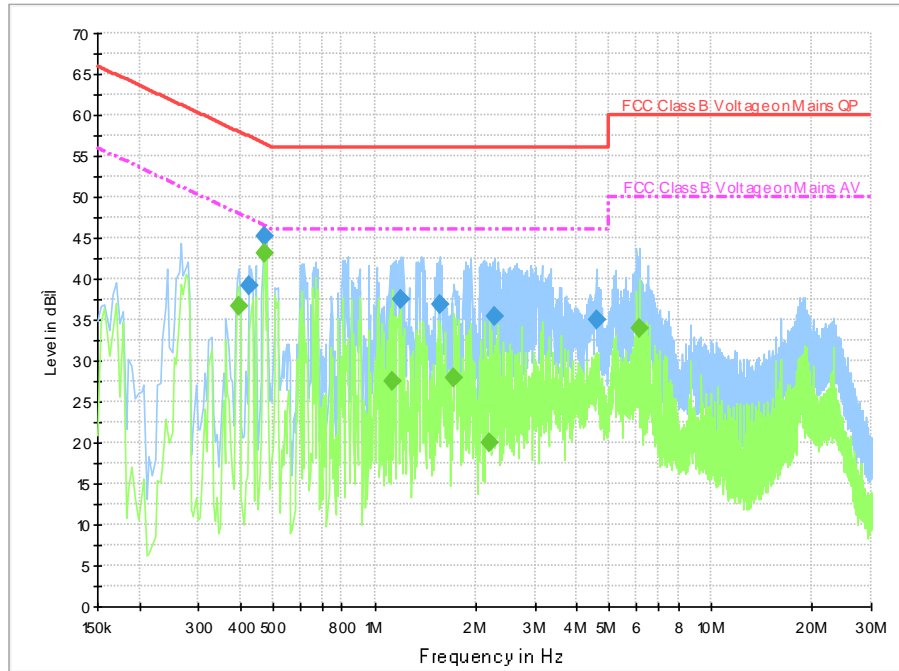
Frequency (MHz)	Average (dBuV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)	Comment
0.246000	24.4	2000.0	9.000	On	L1	19.7	27.5	51.9	
0.346000	25.6	2000.0	9.000	On	L1	19.7	23.5	49.1	
0.638000	32.3	2000.0	9.000	On	L1	19.7	13.7	46.0	
0.878000	28.1	2000.0	9.000	On	L1	19.7	17.9	46.0	
1.614000	26.9	2000.0	9.000	On	L1	19.6	19.1	46.0	
2.154000	24.2	2000.0	9.000	On	L1	19.6	21.8	46.0	

Charging Mode, Set.3:

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
0.390000	34.5	2000.0	9.000	On	N	19.7	23.5	58.1	
0.610000	40.7	2000.0	9.000	On	L1	19.7	15.3	56.0	
0.738000	27.5	2000.0	9.000	On	N	19.7	28.5	56.0	
1.278000	25.1	2000.0	9.000	On	L1	19.7	30.9	56.0	
2.310000	29.7	2000.0	9.000	On	N	19.6	26.3	56.0	
4.402000	27.8	2000.0	9.000	On	N	19.6	28.2	56.0	

Final Result 2

Frequency (MHz)	Average (dBuV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)	Comment
0.190000	19.8	2000.0	9.000	On	N	19.7	34.2	54.0	
0.390000	24.6	2000.0	9.000	On	N	19.7	23.5	48.1	
0.610000	33.5	2000.0	9.000	On	L1	19.7	12.5	46.0	
0.786000	27.3	2000.0	9.000	On	L1	19.7	18.7	46.0	
1.526000	26.7	2000.0	9.000	On	L1	19.6	19.3	46.0	
2.858000	23.8	2000.0	9.000	On	L1	19.6	22.2	46.0	

USB Mode, Set.4:

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
0.422000	39.1	2000.0	9.000	On	L1	19.7	18.3	57.4	
0.470000	45.3	2000.0	9.000	On	L1	19.7	11.2	56.5	
1.202000	37.5	2000.0	9.000	On	N	19.6	18.5	56.0	
1.570000	36.9	2000.0	9.000	On	N	19.6	19.1	56.0	
2.282000	35.5	2000.0	9.000	On	N	19.6	20.5	56.0	
4.558000	35.1	2000.0	9.000	On	N	19.6	20.9	56.0	

Final Result 2

Frequency (MHz)	Average (dBuV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)	Comment
0.394000	36.6	2000.0	9.000	On	L1	19.7	11.4	48.0	
0.470000	43.1	2000.0	9.000	On	L1	19.7	3.5	46.5	
1.126000	27.5	2000.0	9.000	On	N	19.6	18.5	46.0	
1.726000	27.8	2000.0	9.000	On	L1	19.6	18.2	46.0	
2.198000	19.9	2000.0	9.000	On	L1	19.6	26.1	46.0	
6.122000	34.0	2000.0	9.000	On	L1	19.6	16.0	50.0	

END OF REPORT