



FCC PART 15B TEST REPORT

No. I23Z60340-EMC01

for

Wingtech Mobile Communications Co.,Ltd.

5G Mobile Phone

Model name: TMRV065G

FCC ID: 2APXW-TMRV065G

with

Hardware Version: V1.0

Software Version: TMRV065G_0.01.01

Issued Date: 2023-04-12

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
I23Z60340-EMC01	Rev.0	1 st edition	2023-04-12

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: 2023-03-09

Testing End Date: 2023-03-14

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

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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	TMRV065G
FCC ID:	2APXW-TMRV065G

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	861690060030646	V1.0	TMRV065G_0.01.01

*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	RE001
Manufacturer	SUNWODA ELECTRONIC CO ., LTD
Capacity	4500mAh
Nominal Voltage	

AE2

Model	BLJ-QC06HU
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+GSM 850 idle
Set.2	EUT1 + AE1 + AE2 + AE3	Charger1+MP4+WCDMA 850 idle
Set.3	EUT1 + AE1 + AE2	Charger1+ front camera+LTE B5 idle
Set.4	EUT1 + AE1 + AE2	USB+ NR n71 idle



Note:

Equipment Under Test (EUT) is a model of Smart Phone with integrated antenna.

It supports

GSM Band GSM900/DCS1800/PCS1900/GSM850

UMTS Band FDD Band II(W1900) /FDD Band IV(W1700)/FDD Band V(W850)

LTE Band FDD2/FDD4/FDD5/FDD7/FDD12/FDD25/ FDD26/TDD41/FDD66/FDD71

NR Band n25/n41/n66/n71/n77, n77 only support SA

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 functions.

The device contains receivers which tune and operate between 30MHz-960MHz in the following bands: GSM850, WCDMA850, LTE Band 5/12/26/71, NR band 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 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 Ω
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 M Ω
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	ESW44	103144	R&S	2023-10-25	1 Year
2	LISN	ENV216	101200	R&S	2023-06-29	1 year
3	Universal Radio Communication Tester	CMW500	163975	R&S	2024-01-03	1 year
4	Test Receiver	ESCI 7	100344	R&S	2023-03-21	1 Year
5	EMI Antenna	VULB 9163	01223	SCHWARZBECK	2023-07-25	1 year
6	EMI Antenna	3115	00167250	ETS-Lindgren	2023-06-20	1 year
7	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): $U = 4.74 \text{ dB}$, $k=2$.

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)
17955.800	40.20	-28.94	46.66	22.48	54.00	13.80	H
17992.180	40.10	-29.06	46.66	22.50	54.00	13.90	H
17988.440	40.10	-29.06	46.66	22.50	54.00	13.90	V
17970.420	40.00	-29.06	46.66	22.40	54.00	14.00	V
17999.660	40.00	-29.06	46.66	22.40	54.00	14.00	H
17971.100	39.90	-29.06	46.66	22.30	54.00	14.10	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)
17524.680	50.30	-29.32	44.35	35.27	74.00	23.70	V
17353.320	50.20	-29.97	43.36	36.81	74.00	23.80	H
17970.420	50.20	-29.06	46.66	32.60	74.00	23.80	H
17482.520	50.10	-29.77	44.35	35.52	74.00	23.90	H
17995.580	50.10	-29.06	46.66	32.50	74.00	23.90	V
17970.080	50.10	-29.06	46.66	32.50	74.00	23.90	V

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)
17977.900	40.40	-29.06	46.66	22.80	54.00	13.60	V
17975.860	40.10	-29.06	46.66	22.50	54.00	13.90	H
17440.700	40.10	-29.87	44.35	25.62	54.00	13.90	H
17983.000	40.00	-29.06	46.66	22.40	54.00	14.00	H
17989.460	39.90	-29.06	46.66	22.30	54.00	14.10	H
17994.220	39.90	-29.06	46.66	22.30	54.00	14.10	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)
17794.640	50.70	-29.89	45.95	34.63	74.00	23.30	V
17968.040	50.50	-29.06	46.66	32.90	74.00	23.50	H
17970.080	50.00	-29.06	46.66	32.40	74.00	24.00	V
17461.100	49.80	-30.06	44.35	35.50	74.00	24.20	V
17475.720	49.80	-30.06	44.35	35.50	74.00	24.20	V
17754.520	49.70	-29.61	45.95	33.36	74.00	24.30	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)
17446.820	40.30	-29.87	44.35	25.82	54.00	13.70	H
17999.660	40.20	-29.06	46.66	22.60	54.00	13.80	H
17967.700	40.20	-29.06	46.66	22.60	54.00	13.80	V
17967.020	40.00	-29.06	46.66	22.40	54.00	14.00	H
17973.480	40.00	-29.06	46.66	22.40	54.00	14.00	V
17976.540	40.00	-29.06	46.66	22.40	54.00	14.00	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)
17987.760	50.70	-29.06	46.66	33.10	74.00	23.30	H
17478.100	50.60	-30.06	44.35	36.30	74.00	23.40	V
17365.900	50.60	-29.97	43.36	37.21	74.00	23.40	V
17540.660	50.50	-29.49	44.35	35.63	74.00	23.50	H
17441.720	50.10	-29.87	44.35	35.62	74.00	23.90	V
17971.780	50.10	-29.06	46.66	32.50	74.00	23.90	H

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)
17533.180	40.60	-29.32	44.35	25.57	54.00	13.40	V
17974.500	40.60	-29.06	46.66	23.00	54.00	13.40	V
17969.060	40.40	-29.06	46.66	22.80	54.00	13.60	V
17967.360	40.20	-29.06	46.66	22.60	54.00	13.80	H
17994.560	40.00	-29.06	46.66	22.40	54.00	14.00	V
17261.520	40.00	-29.75	43.36	26.39	54.00	14.00	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)
17739.220	50.80	-29.67	45.95	34.51	74.00	23.20	H
17473.000	50.50	-30.06	44.35	36.20	74.00	23.50	H
17488.640	50.30	-29.77	44.35	35.72	74.00	23.70	V
17439.680	50.20	-29.71	44.35	35.56	74.00	23.80	V
17730.380	50.20	-29.67	45.25	34.62	74.00	23.80	V
17967.020	50.10	-29.06	46.66	32.50	74.00	23.90	V

Measurement results for Set.1:

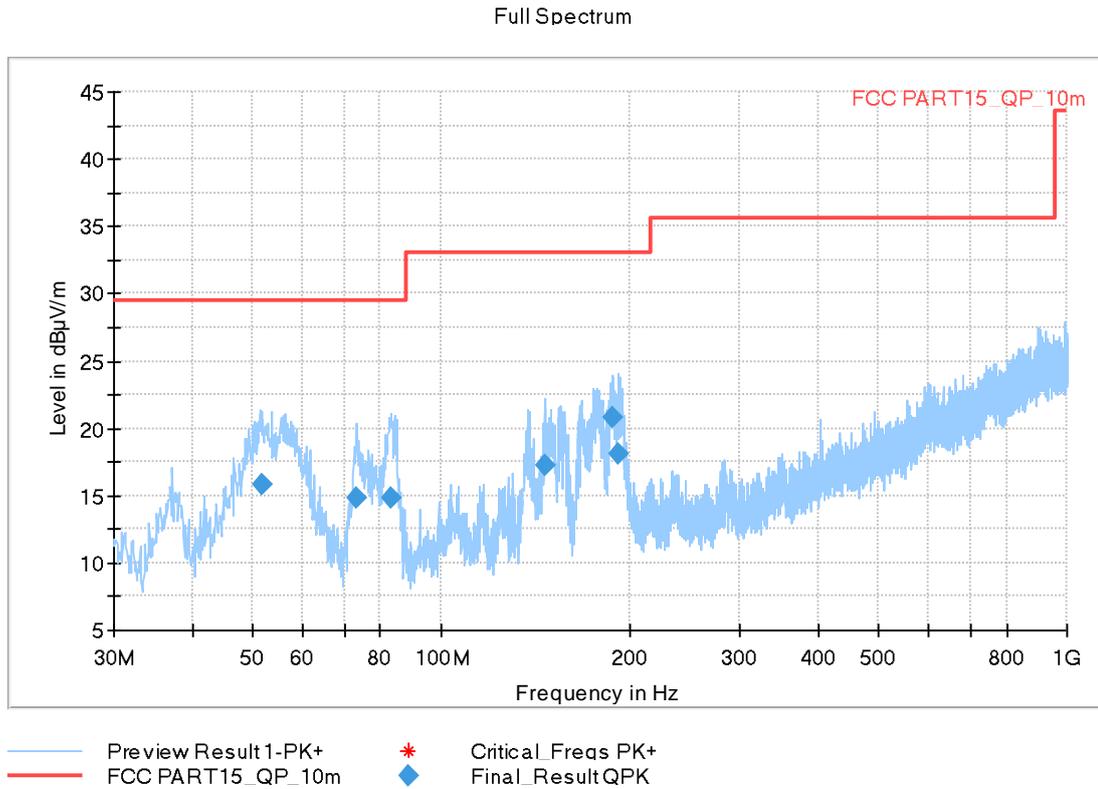


Fig A.1 Radiated Emission from 30MHz to 1GHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
51.631000	15.85	29.54	13.69	120.000	175.0	V	-31.0
73.165000	14.80	29.54	14.74	120.000	225.0	V	135.0
83.253000	14.86	29.54	14.68	120.000	175.0	V	-17.0
146.206000	17.26	33.06	15.80	120.000	125.0	V	-5.0
187.819000	20.85	33.06	12.21	120.000	100.0	V	99.0
191.602000	18.09	33.06	14.97	120.000	100.0	V	99.0

Full Spectrum

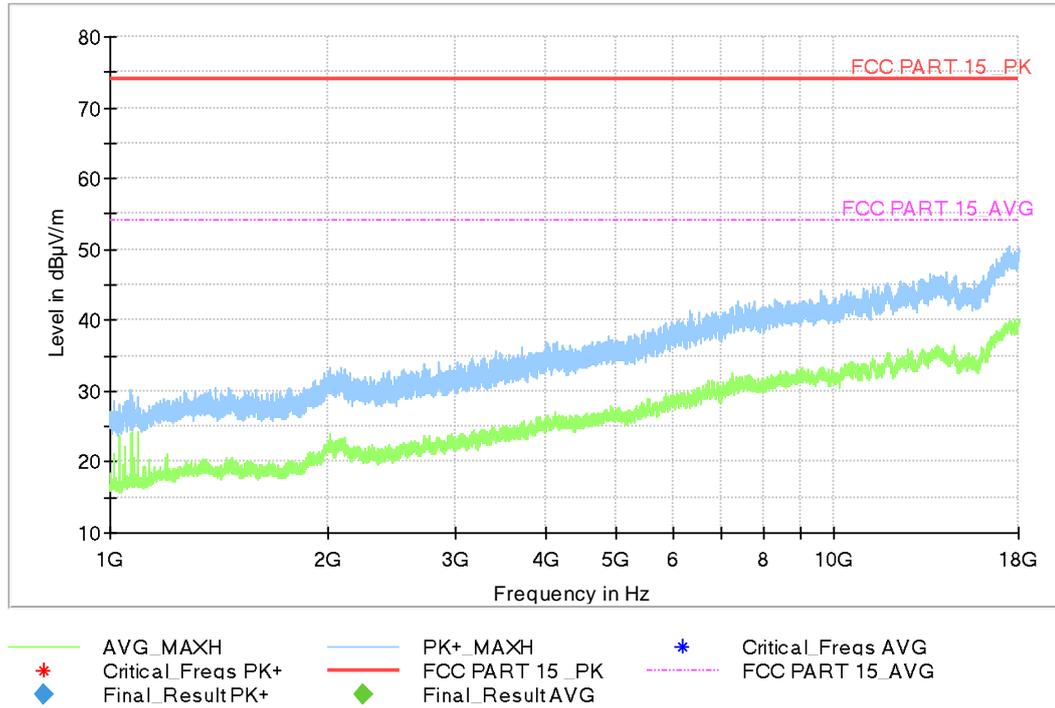


Fig A.2 Radiated Emission from 1GHz to 18GHz

Measurement results for Set.2:

Full Spectrum

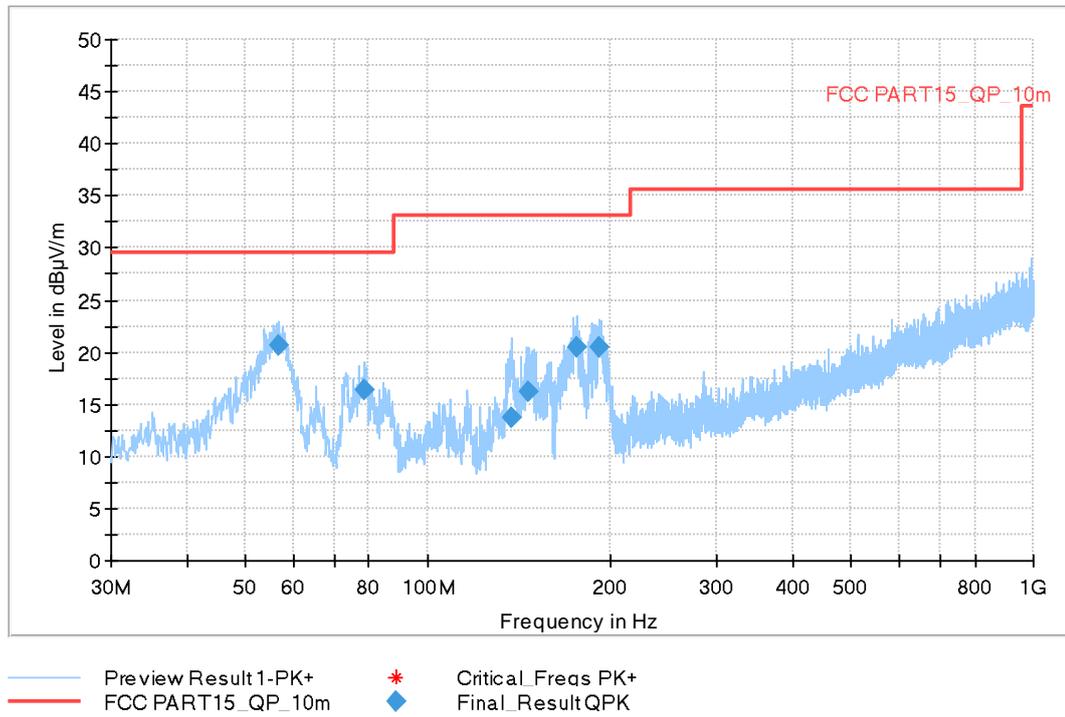


Fig A.3 Radiated Emission from 30MHz to 1GHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	PoI	Azimuth (deg)
56.578000	20.57	29.54	8.97	120.000	323.0	V	315.0
78.597000	16.30	29.54	13.24	120.000	202.0	V	-45.0
137.282000	13.69	33.06	19.37	120.000	183.0	V	22.0
147.079000	16.22	33.06	16.84	120.000	100.0	V	9.0
175.888000	20.45	33.06	12.61	120.000	108.0	V	126.0
191.796000	20.43	33.06	12.63	120.000	108.0	V	99.0

Full Spectrum

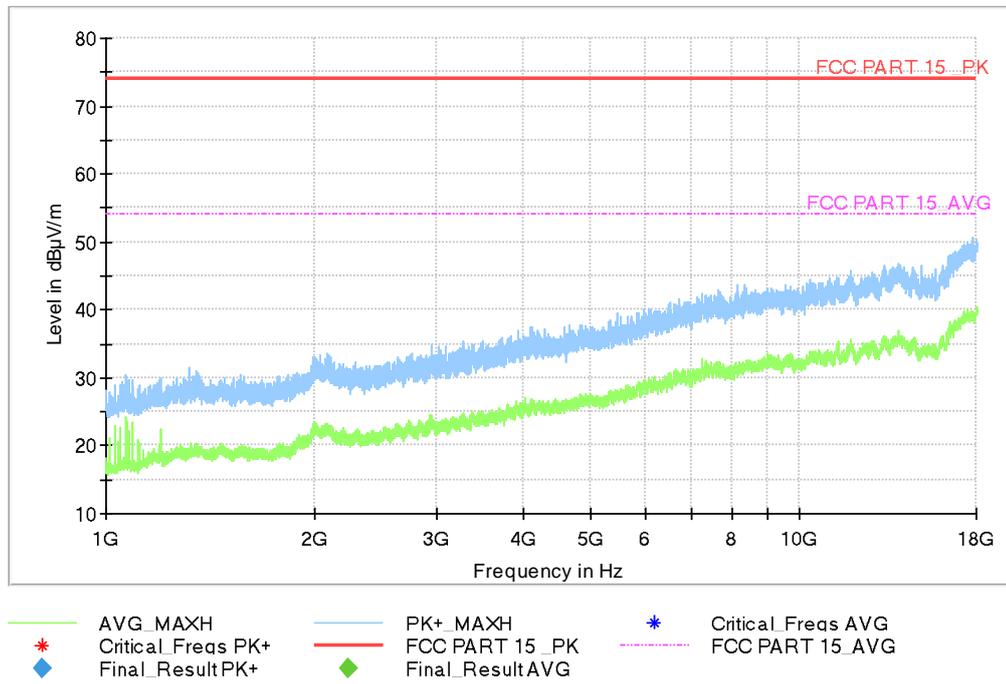


Fig A.4 Radiated Emission from 1GHz to 18GHz

Measurement results for Set.3:

Full Spectrum

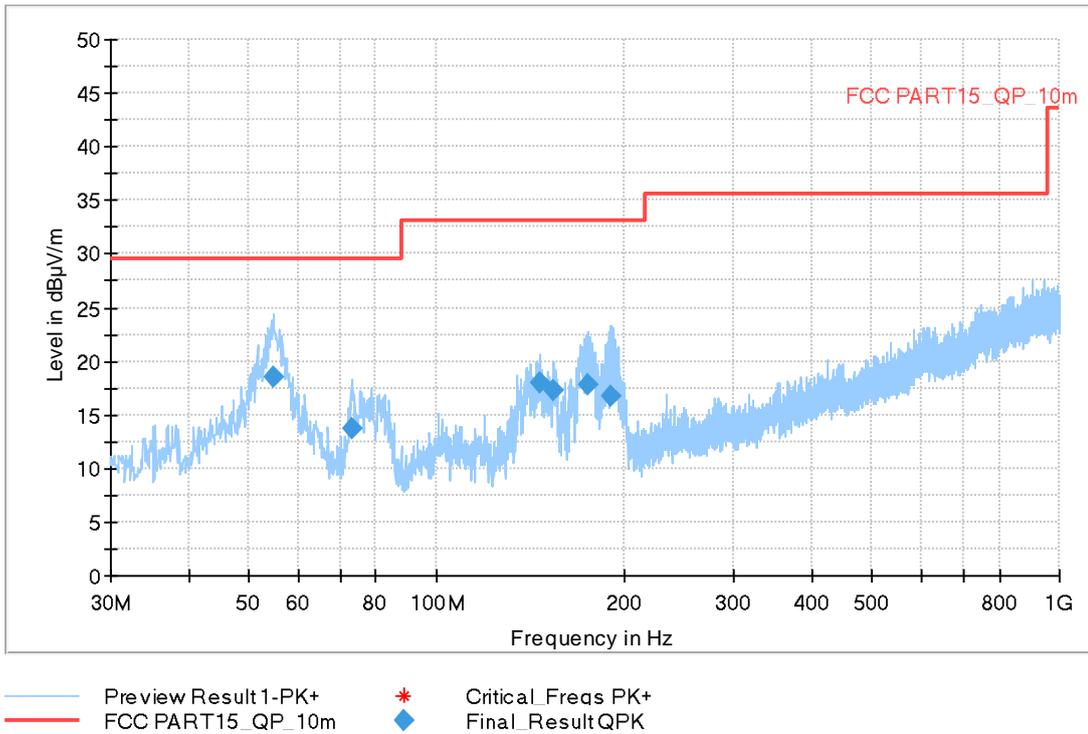


Fig A.5 Radiated Emission from 30MHz to 1GHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
54.832000	18.59	29.54	10.95	120.000	182.0	V	280.0
73.068000	13.77	29.54	15.77	120.000	183.0	V	136.0
146.206000	18.06	33.06	15.00	120.000	125.0	V	-5.0
154.354000	17.21	33.06	15.85	120.000	100.0	V	-5.0
175.597000	17.85	33.06	15.21	120.000	125.0	V	125.0
190.050000	16.74	33.06	16.32	120.000	100.0	V	99.0

Full Spectrum

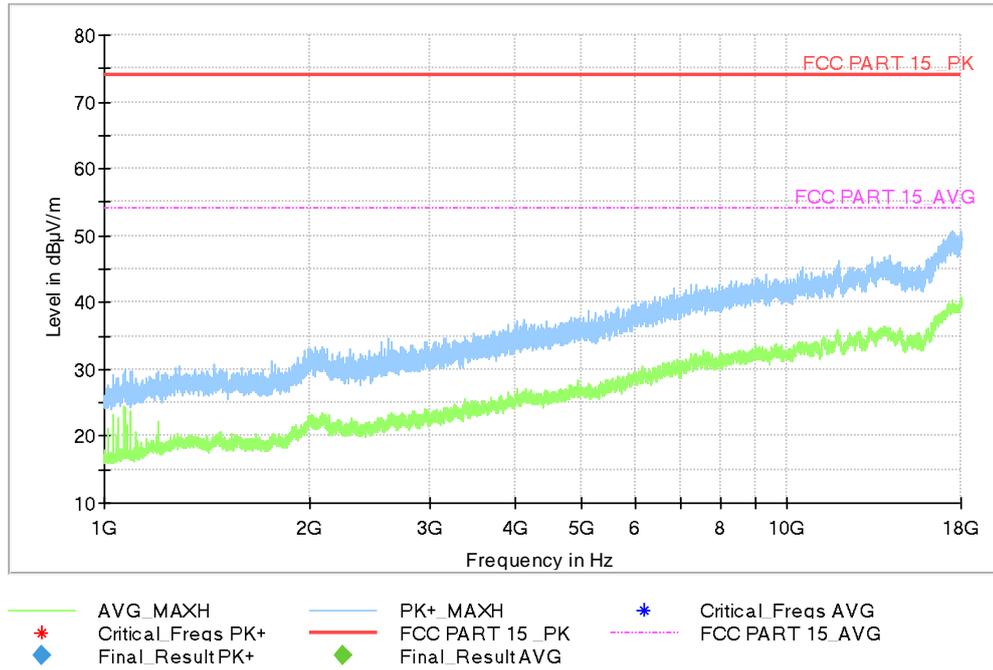


Fig A.6 Radiated Emission from 1GHz to 18GHz

Measurement results for Set.3:

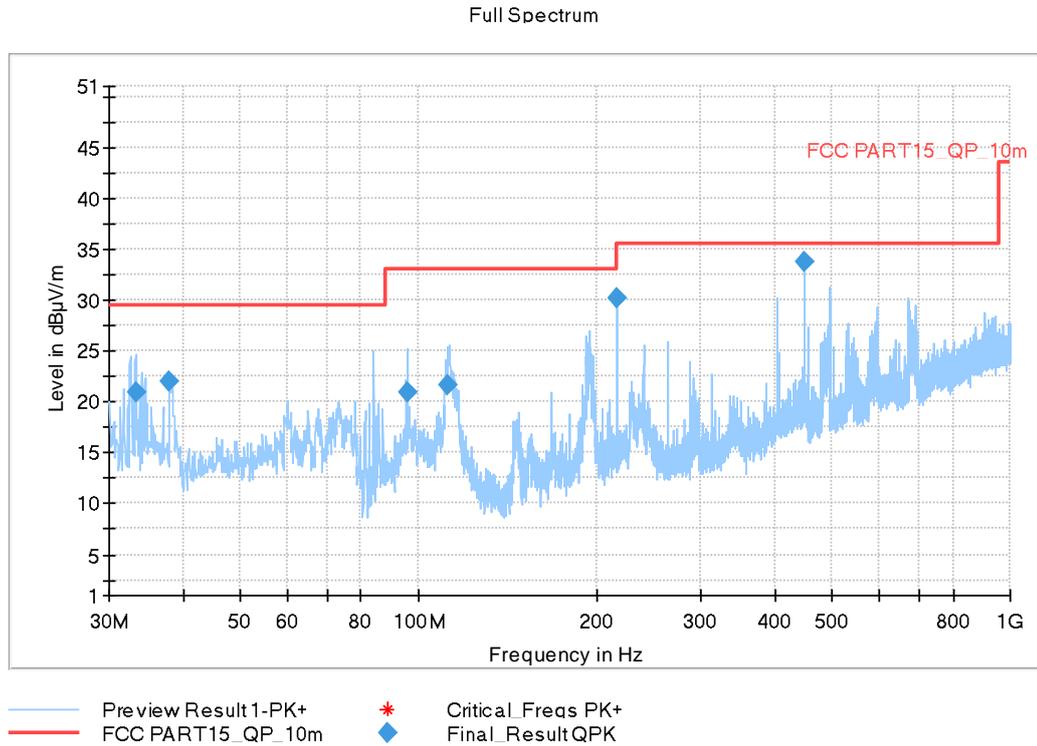


Fig A.7 Radiated Emission from 30MHz to 1GHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
33.298000	21.00	29.54	8.54	120.000	183.0	V	45.0
37.954000	22.07	29.54	7.47	120.000	283.0	V	135.0
95.960000	20.95	33.06	12.11	120.000	125.0	V	126.0
112.256000	21.57	33.06	11.49	120.000	125.0	V	266.0
215.949000	30.22	33.06	2.84	120.000	100.0	V	176.0
450.010000	33.75	35.56	1.81	120.000	175.0	H	162.0

Full Spectrum

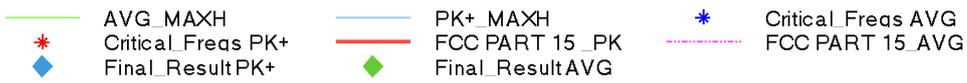
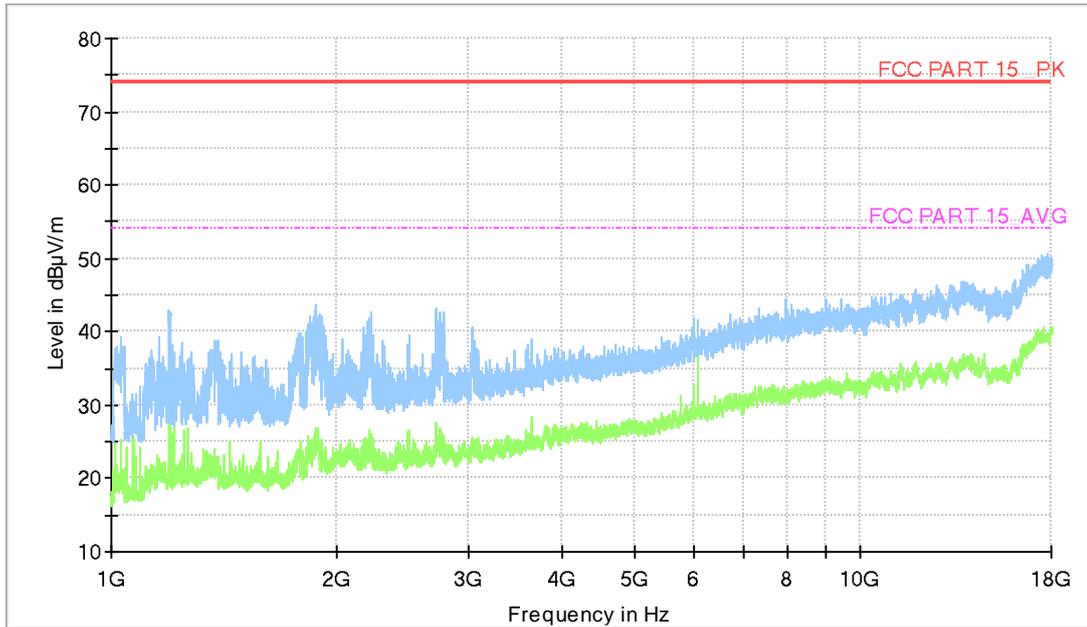


Fig A.8 Radiated Emission from 1GHz to 18GHz

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: $U = 3.08 \text{ dB}$, $k=2$.

Charging Mode, Set.1:

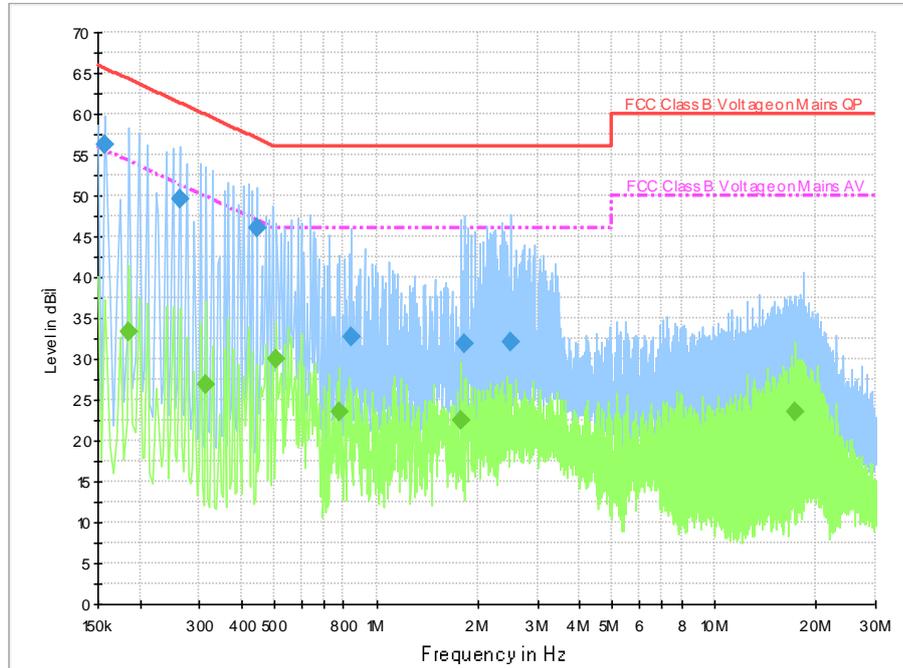


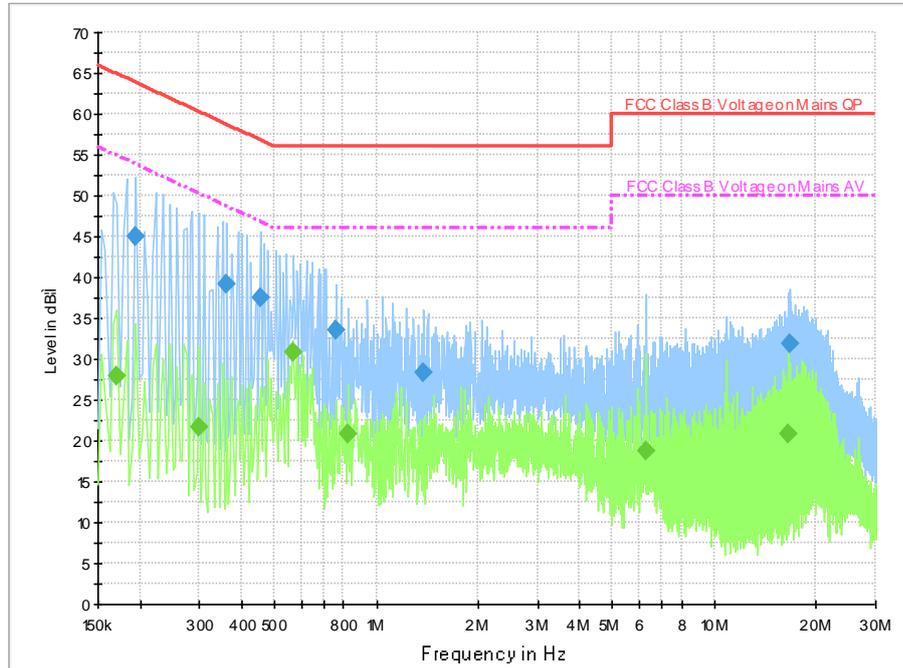
Fig A.9 Conducted Emission from 150kHz to 30MHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBuV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)	Comment
0.158000	56.3	2000.0	9.000	On	N	19.7	9.2	65.6	
0.262000	49.7	2000.0	9.000	On	N	19.7	11.7	61.4	
0.442000	46.1	2000.0	9.000	On	N	19.7	11.0	57.0	
0.842000	32.7	2000.0	9.000	On	N	19.6	23.3	56.0	
1.826000	31.8	2000.0	9.000	On	N	19.6	24.2	56.0	
2.502000	32.1	2000.0	9.000	On	N	19.6	23.9	56.0	

Final Result 2

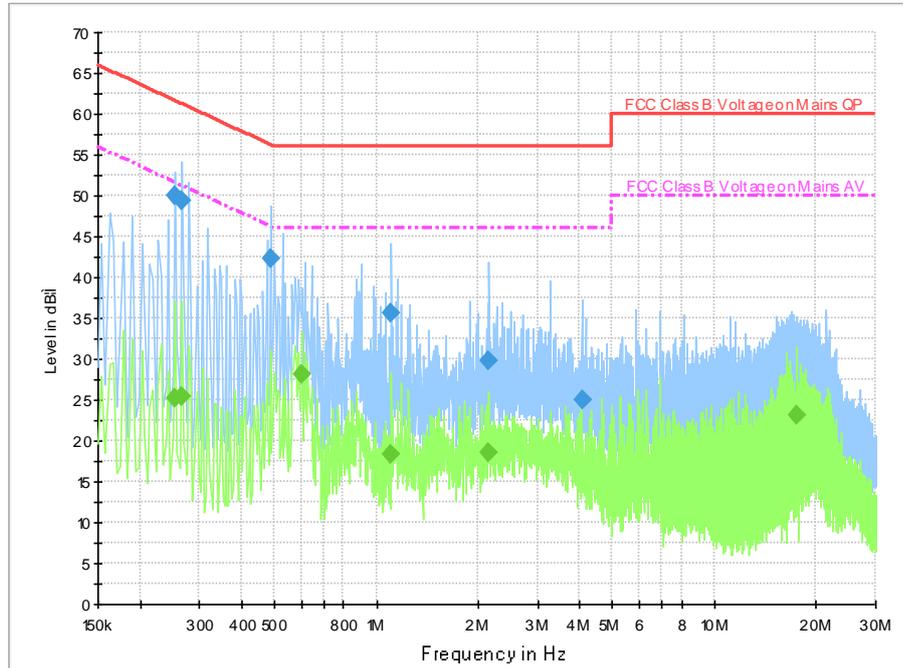
Frequency (MHz)	Average (dBuV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)	Comment
0.186000	33.4	2000.0	9.000	On	L1	19.7	20.8	54.2	
0.314000	26.8	2000.0	9.000	On	L1	19.7	23.1	49.9	
0.506000	30.0	2000.0	9.000	On	L1	19.7	16.0	46.0	
0.778000	23.6	2000.0	9.000	On	L1	19.7	22.4	46.0	
1.786000	22.5	2000.0	9.000	On	N	19.6	23.5	46.0	
17.238000	23.5	2000.0	9.000	On	L1	19.7	26.5	50.0	

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
0.194000	45.0	2000.0	9.000	On	L1	19.7	18.8	63.9	
0.362000	39.1	2000.0	9.000	On	L1	19.7	19.6	58.7	
0.454000	37.6	2000.0	9.000	On	L1	19.7	19.2	56.8	
0.762000	33.5	2000.0	9.000	On	N	19.7	22.5	56.0	
1.382000	28.4	2000.0	9.000	On	L1	19.6	27.6	56.0	
16.702000	31.9	2000.0	9.000	On	L1	19.7	28.1	60.0	

Final Result 2

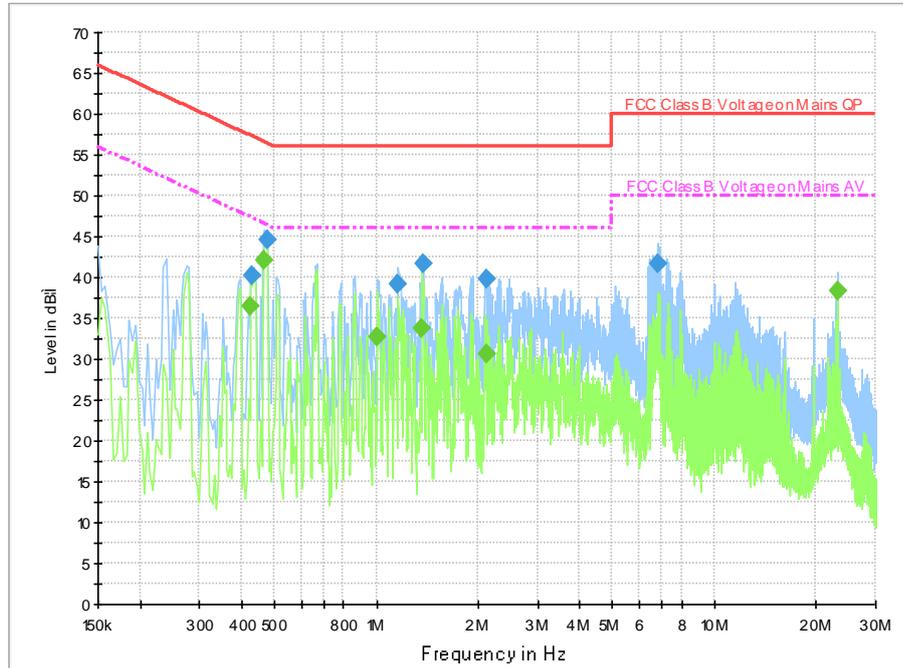
Frequency (MHz)	Average (dBuV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)	Comment
0.170000	27.9	2000.0	9.000	On	L1	19.7	27.1	55.0	
0.298000	21.8	2000.0	9.000	On	L1	19.7	28.5	50.3	
0.566000	30.8	2000.0	9.000	On	L1	19.7	15.2	46.0	
0.826000	20.8	2000.0	9.000	On	L1	19.7	25.2	46.0	
6.302000	18.8	2000.0	9.000	On	L1	19.6	31.2	50.0	
16.494000	20.8	2000.0	9.000	On	L1	19.7	29.2	50.0	

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
0.254000	50.0	2000.0	9.000	On	N	19.7	11.6	61.6	
0.266000	49.4	2000.0	9.000	On	N	19.7	11.9	61.2	
0.486000	42.3	2000.0	9.000	On	N	19.7	13.9	56.2	
1.106000	35.6	2000.0	9.000	On	N	19.6	20.4	56.0	
2.158000	29.8	2000.0	9.000	On	N	19.6	26.2	56.0	
4.058000	25.0	2000.0	9.000	On	N	19.6	31.0	56.0	

Final Result 2

Frequency (MHz)	Average (dBuV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)	Comment
0.254000	25.2	2000.0	9.000	On	N	19.7	26.4	51.6	
0.266000	25.4	2000.0	9.000	On	N	19.7	25.9	51.2	
0.602000	28.0	2000.0	9.000	On	L1	19.7	18.0	46.0	
1.106000	18.2	2000.0	9.000	On	N	19.6	27.8	46.0	
2.158000	18.5	2000.0	9.000	On	N	19.6	27.5	46.0	
17.606000	23.1	2000.0	9.000	On	L1	19.7	26.9	50.0	

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
0.430000	40.2	2000.0	9.000	On	L1	19.7	17.1	57.3	
0.474000	44.6	2000.0	9.000	On	N	19.7	11.9	56.4	
1.162000	39.2	2000.0	9.000	On	L1	19.7	16.8	56.0	
1.378000	41.7	2000.0	9.000	On	L1	19.6	14.3	56.0	
2.126000	39.8	2000.0	9.000	On	N	19.6	16.2	56.0	
6.802000	41.7	2000.0	9.000	On	N	19.6	18.3	60.0	

Final Result 2

Frequency (MHz)	Average (dBuV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)	Comment
0.426000	36.4	2000.0	9.000	On	L1	19.7	10.9	47.3	
0.466000	42.0	2000.0	9.000	On	L1	19.7	4.5	46.6	
1.010000	32.7	2000.0	9.000	On	L1	19.7	13.3	46.0	
1.358000	33.8	2000.0	9.000	On	L1	19.6	12.2	46.0	
2.126000	30.6	2000.0	9.000	On	N	19.6	15.4	46.0	
23.126000	38.3	2000.0	9.000	On	N	19.7	11.7	50.0	

END OF REPORT