



# FCC PART 15B TEST REPORT

No. I23Z60833-EMC01

for

**Wingtech Group (Hong Kong) Limited**

**REVVLTAB5G**

**Model name: TMRV5GTB**

**FCC ID: 2APXW-TMRV5GTB**

with

**Hardware Version: V1.1**

**Software Version: REVVLTAB5G\_0.01.01**

**Issued Date: 2023-06-15**

**Note:**

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The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government.

**Test Laboratory:**

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## **REPORT HISTORY**

<b>Report Number</b>	<b>Revision</b>	<b>Description</b>	<b>Issue Date</b>
I23Z60833-EMC01	Rev.0	1 <sup>st</sup> edition	2023-06-15

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: 2023-05-15

Testing End Date: 2023-05-26

### 1.4. Signature




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Wang Xue  
(Prepared this test report)



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Zhang Ying  
(Reviewed this test report)



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

#### **3.1. About EUT**

Description	REVVLTAB5G
Model Name	TMRV5GTB
FCC ID:	2APXW-TMRV5GTB

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	864182060000826/ 864182060000834	V1.1	REVVLTAB5G_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	Remarks
AE1	Battery	/
AE2	Charger	Provided by client for testing
AE3	USB Cable	/

AE1

Model	SGA35
Manufacturer	SCUD
Capacity	Typ7040
Nominal Voltage	

AE2

Model	/
Manufacturer	/
Length of cable	/

AE3

Model	711300002001
Manufacturer	washin
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 + AE3	Charger1+ front camera+LTE B5 idle
Set.4	EUT1 + AE1 + AE2	USB+ NR n71 idle



Note:

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

It supports

GSM Band	GSM900/DCS1800/PCS1900/GSM850
UMTS Band	FDD Band I(W2100)/FDD Band II(W1900) /FDD Band IV(W1700)/FDD Band V(W850) /FDD Band VIII(W900)
LTE Band	FDD Bands 1/2/3/4/5/7/8/12/13/17/20/25/26/28/66/71, TDD Bands 38/39/40/41
NR Band	n1/n3/n7/n25/n28/n38/n41/n66/n71/n77/n78

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).

The device contains receivers which tune and operate between 30MHz-960MHz in the following bands: GSM850, WCDMA850, LTE Band 5/12/13/17/26/71, 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.

<b>Reference</b>	<b>Title</b>	<b>Version</b>
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 $\Omega$
Ground system resistance	< 4 $\Omega$
Normalised site attenuation (NSA)	< $\pm 4$ 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 $\Omega$
Ground system resistance	< 4 $\Omega$

## 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	CALIBRATI ON 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	Test Receiver	ESCI 7	100344	R&S	2024-02-21	1 Year
4	EMI Antenna	VULB 9163	01223	SCHWARZBECK	2023-07-25	1 year
5	EMI Antenna	3115	00167250	ETS-Lindgren	2023-06-20	1 year
6	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 ( $\mu\text{V/m}$ )		
	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

$P_{\text{Mea}}$ : 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 $\mu$ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB $\mu$ V)	Limit (dB $\mu$ V/m)	Margin (dB)	Antenna Pol. (H/V)
17699.440	42.10	-29.98	45.25	26.83	54.00	11.90	V
17726.640	42.10	-29.67	45.25	26.52	54.00	11.90	V
17689.580	42.00	-29.98	45.25	26.73	54.00	12.00	V
17208.480	42.00	-29.49	42.36	29.13	54.00	12.00	V
17808.580	42.00	-29.63	45.95	25.68	54.00	12.00	H
17999.660	41.90	-29.06	46.66	24.30	54.00	12.10	H

##### Charging Mode/Peak detector

Frequency (MHz)	Measurement Result (dB $\mu$ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB $\mu$ V)	Limit (dB $\mu$ V/m)	Margin (dB)	Antenna Pol. (H/V)
17680.740	52.30	-29.98	45.25	37.03	74.00	21.70	H
17307.420	52.10	-29.49	43.36	38.23	74.00	21.90	H
17176.180	52.10	-29.78	42.36	39.52	74.00	21.90	V
17341.420	52.00	-29.97	43.36	38.61	74.00	22.00	H
17778.320	52.00	-29.63	45.95	35.67	74.00	22.00	H
17777.980	52.00	-29.63	45.95	35.67	74.00	22.00	H

**Measurement results for Set.2:**
**Charing Mode/Average detector**

Frequency (MHz)	Measurement Result (dB $\mu$ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB $\mu$ V)	Limit (dB $\mu$ V/m)	Margin (dB)	Antenna Pol. (H/V)
17988.100	41.40	-29.06	46.66	23.80	54.00	12.60	H
17867.400	41.30	-29.39	45.95	24.74	54.00	12.70	V
17687.540	41.20	-29.98	45.25	25.93	54.00	12.80	H
17907.180	41.20	-29.33	45.95	24.57	54.00	12.80	H
17973.140	41.10	-29.06	46.66	23.50	54.00	12.90	V
17327.140	41.00	-29.70	43.36	27.34	54.00	13.00	H

**Charging Mode/Peak detector**

Frequency (MHz)	Measurement Result (dB $\mu$ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB $\mu$ V)	Limit (dB $\mu$ V/m)	Margin (dB)	Antenna Pol. (H/V)
17386.980	51.10	-29.83	43.36	37.57	74.00	22.90	V
17850.400	51.00	-29.34	45.95	34.38	74.00	23.00	H
17479.460	50.90	-30.06	44.35	36.60	74.00	23.10	V
17625.660	50.80	-29.40	45.25	34.95	74.00	23.20	V
17978.580	50.70	-29.06	46.66	33.10	74.00	23.30	V
17687.540	50.70	-29.98	45.25	35.43	74.00	23.30	V

**Measurement results for Set.3:**
**Charging Mode/Average detector**

Frequency (MHz)	Measurement Result (dB $\mu$ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB $\mu$ V)	Limit (dB $\mu$ V/m)	Margin (dB)	Antenna Pol. (H/V)
17999.320	41.30	-29.06	46.66	23.70	54.00	12.70	H
17790.220	41.10	-29.89	45.95	25.03	54.00	12.90	H
17299.260	40.90	-29.69	43.36	27.23	54.00	13.10	H
17291.440	40.80	-29.69	43.36	27.13	54.00	13.20	V
17337.680	40.80	-29.70	43.36	27.14	54.00	13.20	H
17771.180	40.80	-29.63	45.95	24.47	54.00	13.20	V

**Charging Mode/Peak detector**

Frequency (MHz)	Measurement Result (dB $\mu$ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB $\mu$ V)	Limit (dB $\mu$ V/m)	Margin (dB)	Antenna Pol. (H/V)
17704.540	51.00	-29.73	45.25	35.49	74.00	23.00	V
17455.320	50.90	-29.87	44.35	36.42	74.00	23.10	V
17905.140	50.80	-29.33	45.95	34.17	74.00	23.20	H
17872.160	50.70	-29.39	45.95	34.14	74.00	23.30	H
17996.260	50.70	-29.06	46.66	33.10	74.00	23.30	H
17908.200	50.60	-29.33	45.95	33.97	74.00	23.40	H

**Measurement results for Set.4:**
**USB Mode/Average detector**

Frequency (MHz)	Measurement Result (dB $\mu$ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB $\mu$ V)	Limit (dB $\mu$ V/m)	Margin (dB)	Antenna Pol. (H/V)
17901.400	40.80	-29.33	45.95	24.17	54.00	13.20	H
17491.700	40.80	-29.77	44.35	26.22	54.00	13.20	H
17417.920	40.60	-29.44	44.35	25.69	54.00	13.40	V
17431.860	40.60	-29.71	44.35	25.96	54.00	13.40	H
17997.620	40.60	-29.06	46.66	23.00	54.00	13.40	H
17487.280	40.50	-29.77	44.35	25.92	54.00	13.50	V

**USB Mode/Peak detector**

Frequency (MHz)	Measurement Result (dB $\mu$ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB $\mu$ V)	Limit (dB $\mu$ V/m)	Margin (dB)	Antenna Pol. (H/V)
17309.460	51.80	-29.49	43.36	37.93	74.00	22.20	H
17675.980	50.90	-29.90	45.25	35.55	74.00	23.10	V
17433.560	50.90	-29.71	44.35	36.26	74.00	23.10	H
17460.760	50.90	-30.06	44.35	36.60	74.00	23.10	H
17364.880	50.80	-29.97	43.36	37.41	74.00	23.20	H
17919.760	50.70	-29.33	46.66	33.37	74.00	23.30	V



Measurement results for Set.1:

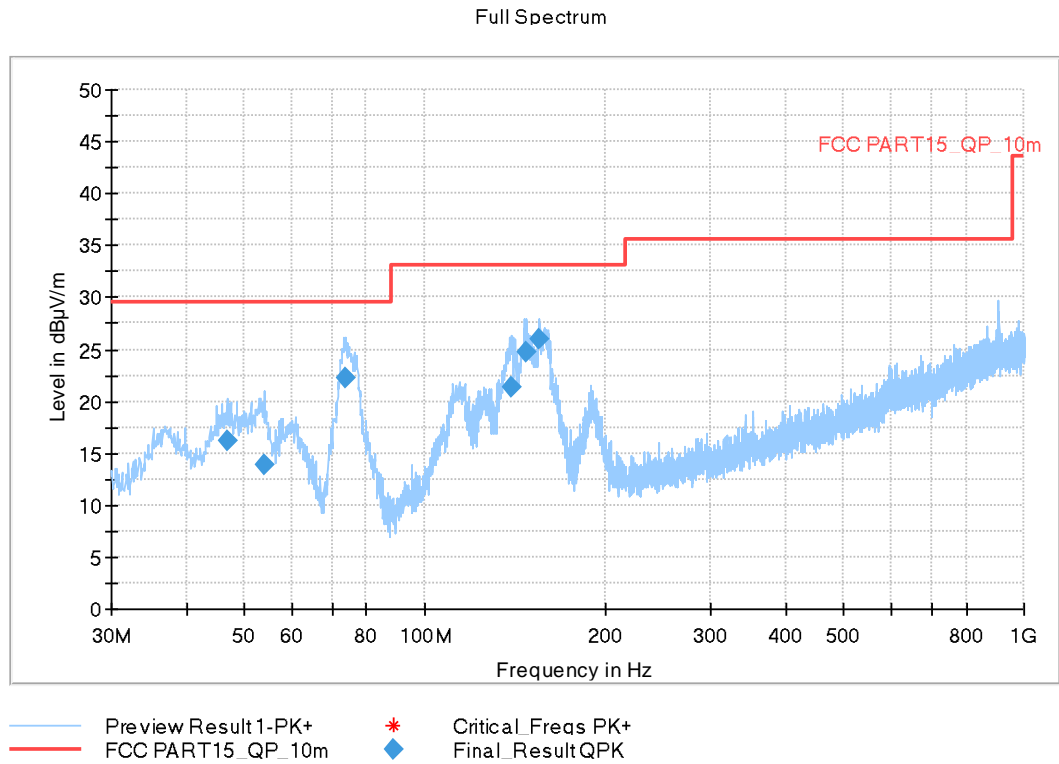
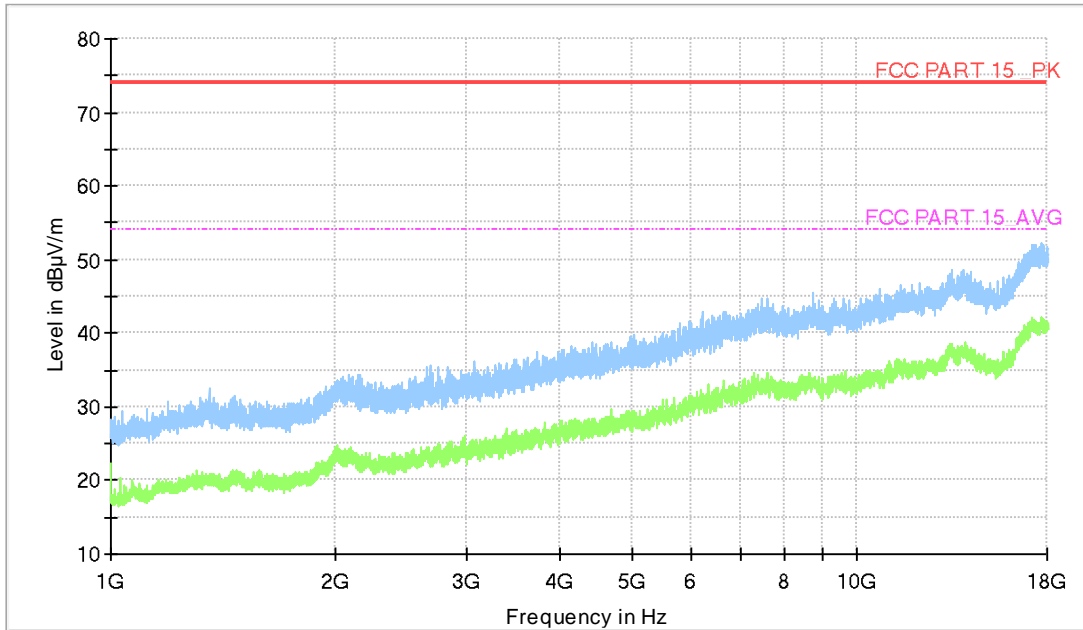


Fig A.1 Radiated Emission from 30MHz to 1GHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
46.781000	16.26	29.54	13.28	120.000	125.0	V	-32.0
53.959000	13.91	29.54	15.63	120.000	100.0	V	225.0
73.650000	22.29	29.54	7.25	120.000	175.0	V	292.0
139.222000	21.40	33.06	11.66	120.000	183.0	V	-17.0
147.855000	24.82	33.06	8.24	120.000	125.0	V	-18.0
155.130000	25.96	33.06	7.10	120.000	100.0	V	-18.0

Full Spectrum

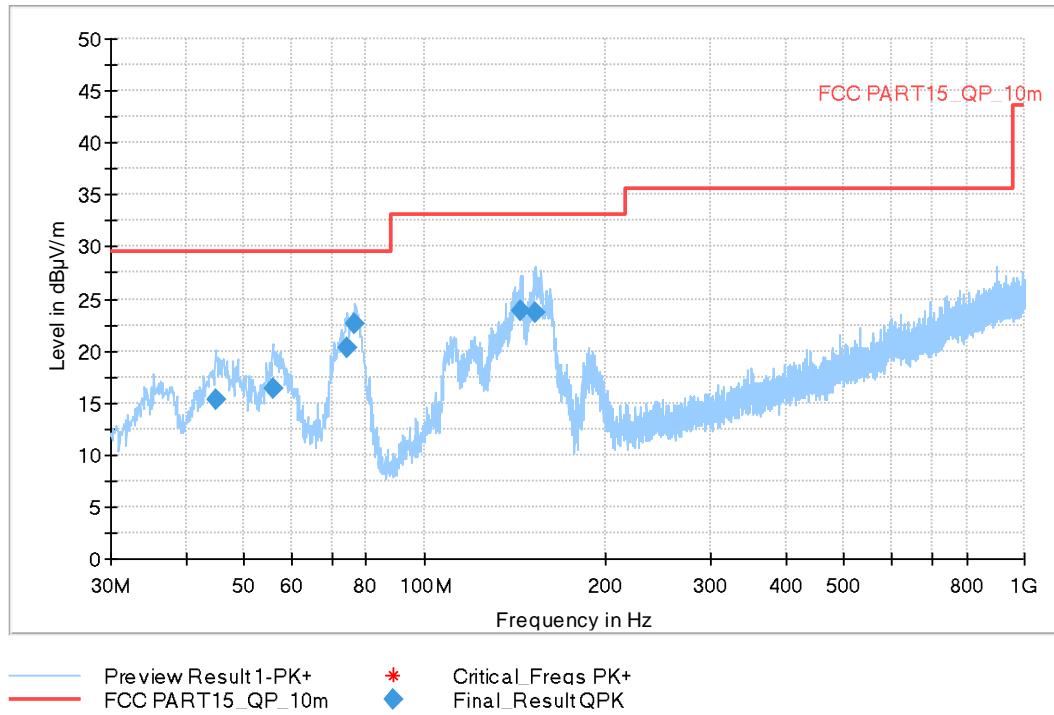


- AVG\_MAXH
- \* Critical\_Freqs PK+
- ◆ Final\_Result PK+
- PK+\_MAXH
- ◆ Final\_Result AVG
- \* Critical\_Freqs AVG
- FCC PART 15\_PK
- FCC PART 15\_AVG

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

**Measurement results for Set.2:**

Full Spectrum

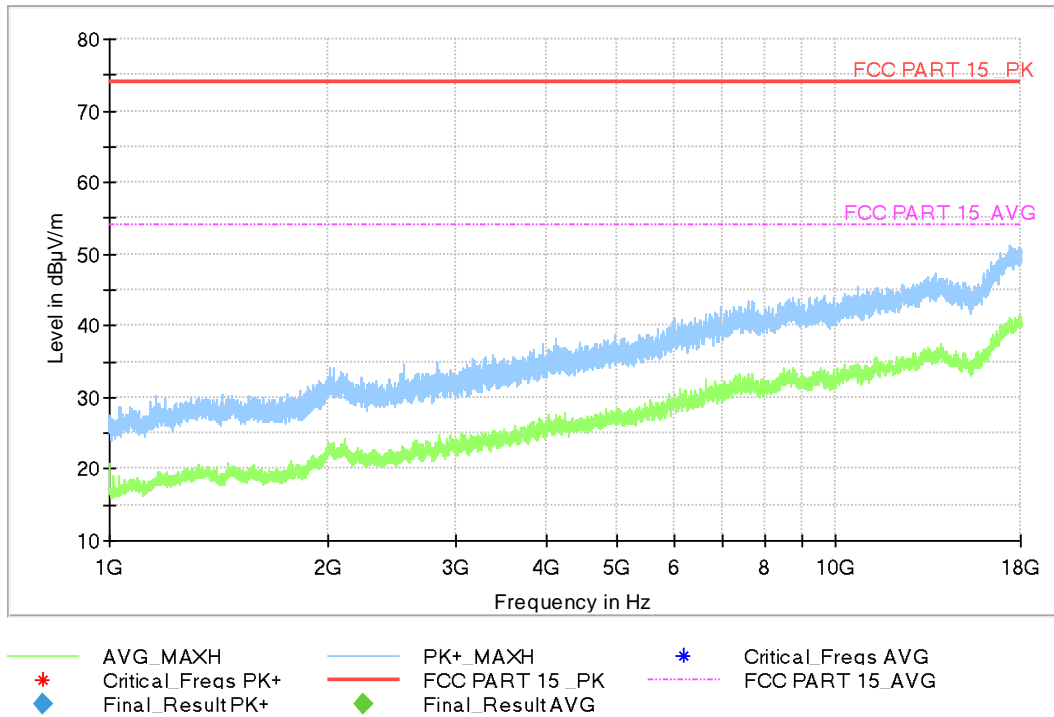


**Fig A.3 Radiated Emission from 30MHz to 1GHz**

**Final Result 1**

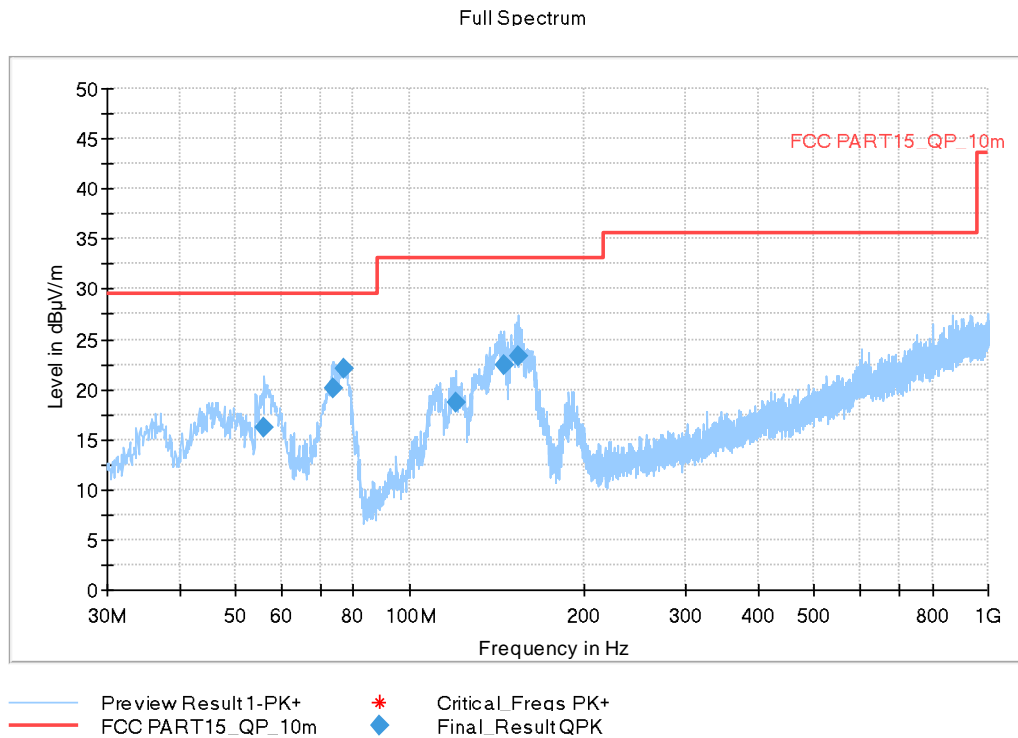
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	PoI	Azimuth (deg)
44.841000	15.21	29.54	14.33	120.000	108.0	V	-31.0
55.802000	16.46	29.54	13.08	120.000	100.0	V	46.0
74.135000	20.23	29.54	9.31	120.000	125.0	V	279.0
76.657000	22.68	29.54	6.86	120.000	125.0	V	279.0
144.751000	23.85	33.06	9.21	120.000	125.0	V	-17.0
153.093000	23.64	33.06	9.42	120.000	100.0	V	-18.0

Full Spectrum



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

### Measurement results for Set.3:

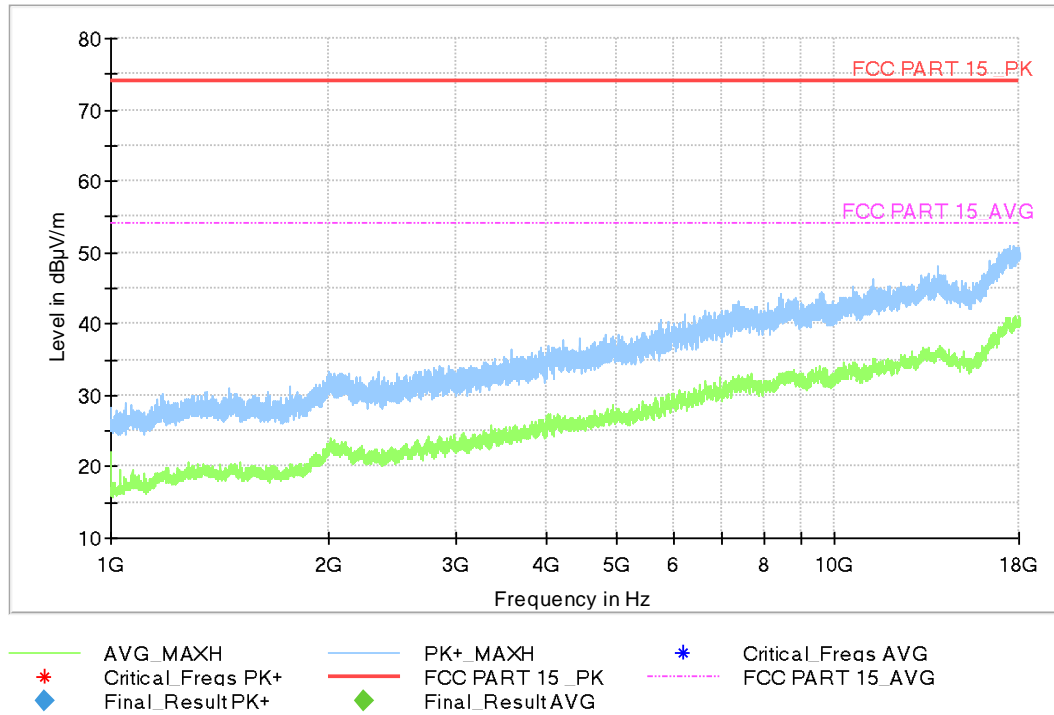


**Fig A.5 Radiated Emission from 30MHz to 1GHz**

### Final Result 1

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
56.093000	16.13	29.54	13.41	120.000	125.0	V	225.0
73.747000	20.10	29.54	9.44	120.000	175.0	V	266.0
77.142000	22.04	29.54	7.50	120.000	108.0	V	278.0
120.016000	18.77	33.06	14.29	120.000	100.0	V	-31.0
145.236000	22.34	33.06	10.72	120.000	100.0	V	-17.0
154.451000	23.33	33.06	9.73	120.000	125.0	V	149.0

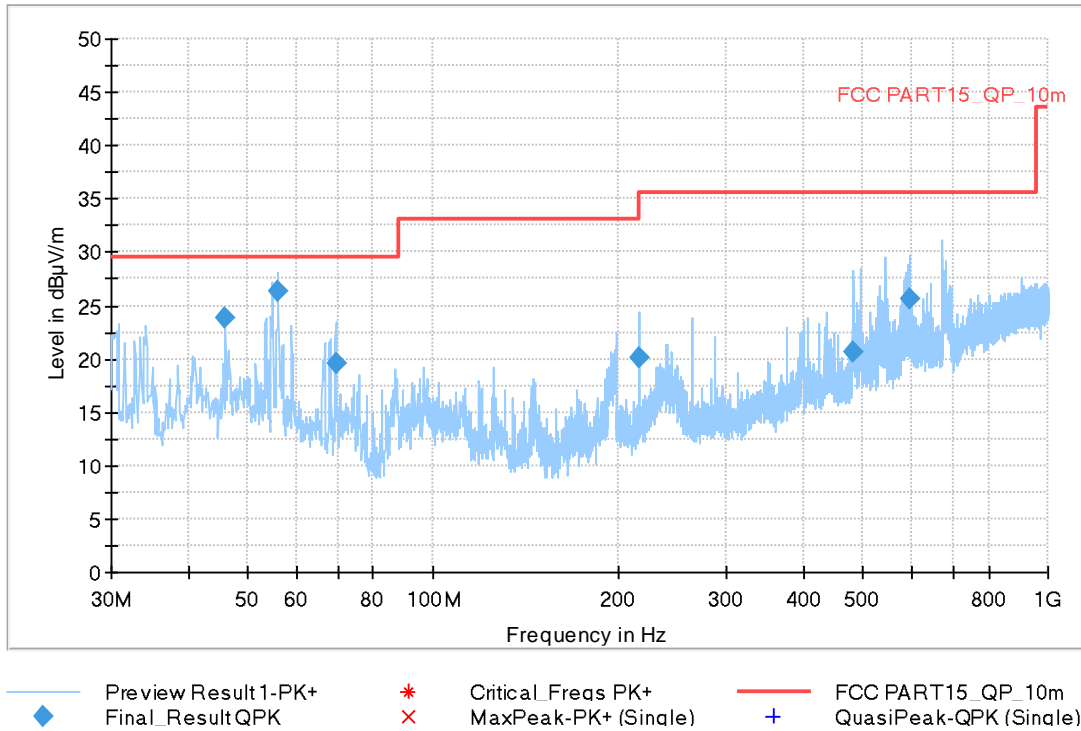
Full Spectrum



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

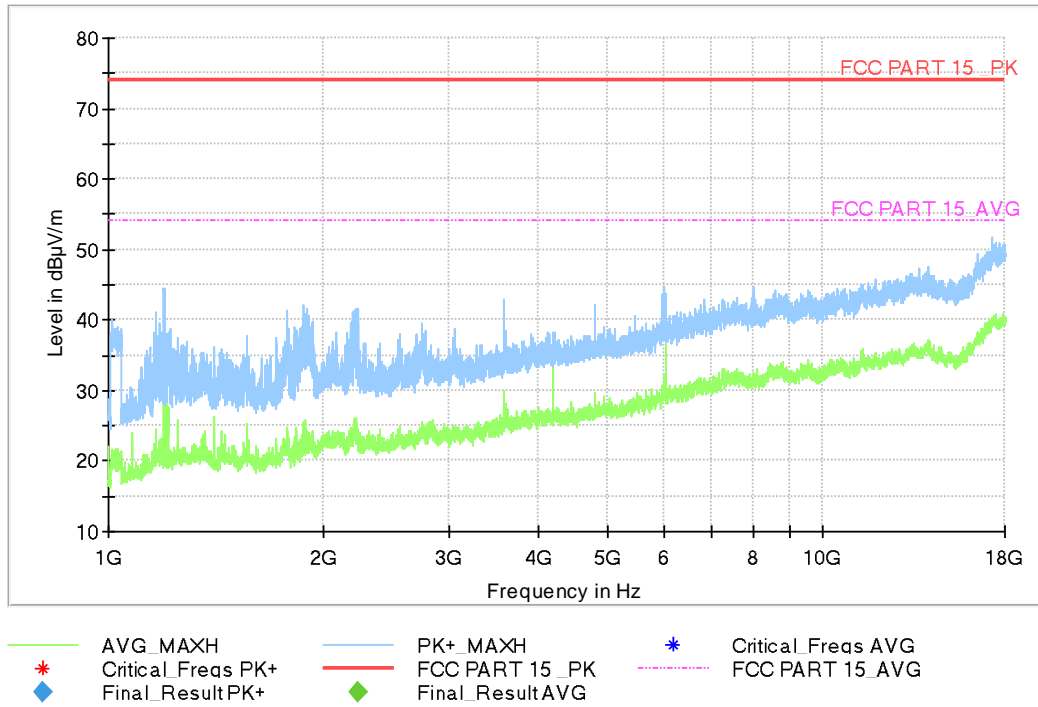
**Measurement results for Set.4:**

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)
46.005000	23.88	29.54	5.66	120.000	222.0	H	225.0
55.996000	26.28	29.54	3.26	120.000	275.0	V	135.0
69.479000	19.56	29.54	9.98	120.000	275.0	V	265.0
215.949000	20.16	33.06	12.90	120.000	100.0	V	163.0
480.856000	20.71	35.56	14.85	120.000	275.0	V	-18.0
595.122000	25.55	35.56	10.01	120.000	183.0	V	8.0

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 $\mu$ 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:

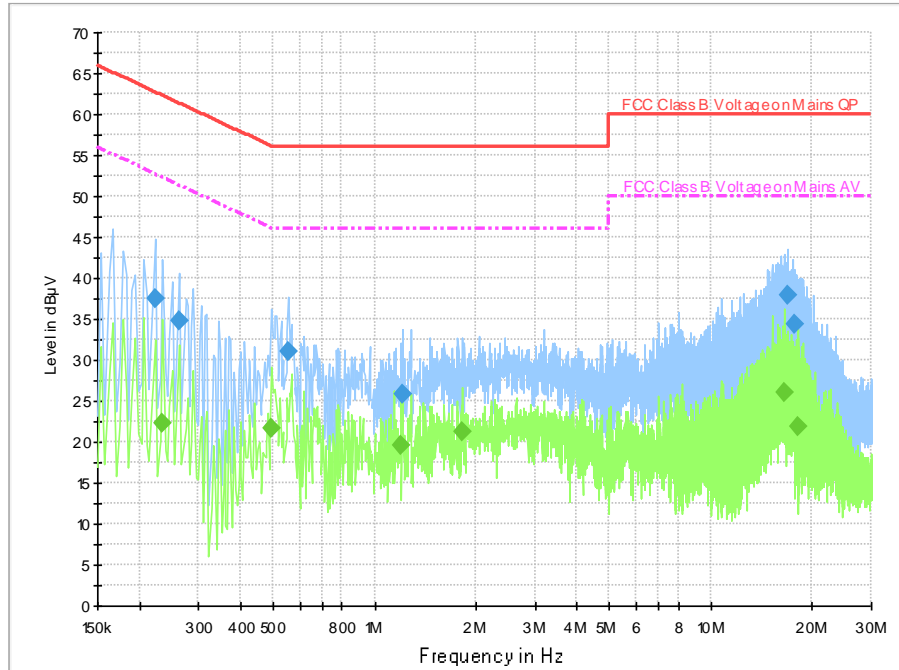


Fig A.9 Conducted Emission from 150kHz to 30MHz

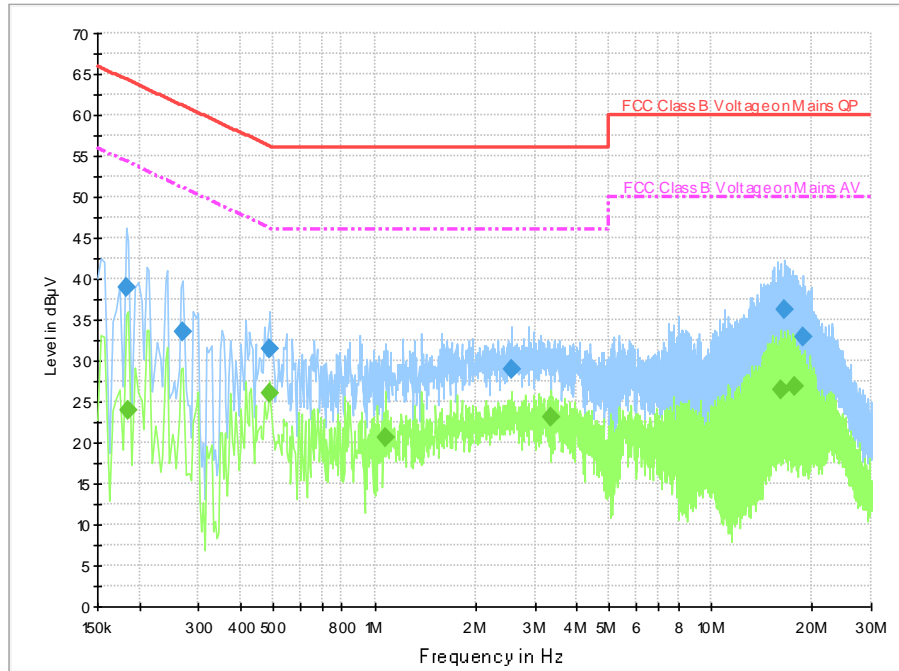
#### Final Result 1

Frequency (MHz)	QuasiPeak (dBuV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)	Comment
0.222000	37.6	2000.0	9.000	On	N	19.7	25.2	62.7	
0.262000	34.9	2000.0	9.000	On	L1	19.7	26.5	61.4	
0.554000	31.1	2000.0	9.000	On	N	19.7	24.9	56.0	
1.214000	25.9	2000.0	9.000	On	N	19.6	30.1	56.0	
16.870000	38.0	2000.0	9.000	On	L1	19.7	22.0	60.0	
17.718000	34.4	2000.0	9.000	On	L1	19.7	25.6	60.0	

#### Final Result 2

Frequency (MHz)	Average (dBuV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)	Comment
0.234000	22.3	2000.0	9.000	On	L1	19.7	30.0	52.3	
0.494000	21.7	2000.0	9.000	On	L1	19.7	24.4	46.1	
1.198000	19.6	2000.0	9.000	On	N	19.6	26.4	46.0	
1.826000	21.3	2000.0	9.000	On	L1	19.6	24.7	46.0	
16.482000	26.0	2000.0	9.000	On	L1	19.7	24.0	50.0	
18.126000	21.9	2000.0	9.000	On	L1	19.7	28.1	50.0	

### Charging Mode, Set.2:



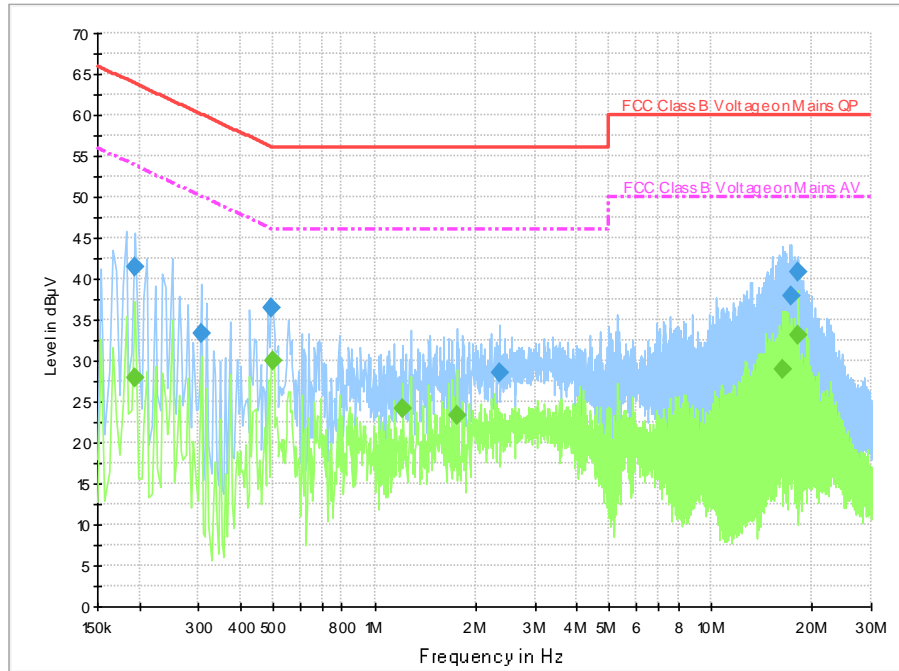
**Fig A.10 Conducted Emission from 150kHz to 30MHz**

#### Final Result 1

Frequency (MHz)	QuasiPeak (dBuV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)	Comment
0.182000	39.1	2000.0	9.000	On	L1	19.7	25.3	64.4	
0.270000	33.6	2000.0	9.000	On	N	19.7	27.5	61.1	
0.490000	31.5	2000.0	9.000	On	N	19.7	24.6	56.2	
2.558000	29.0	2000.0	9.000	On	L1	19.6	27.0	56.0	
16.482000	36.3	2000.0	9.000	On	L1	19.7	23.7	60.0	
18.818000	32.9	2000.0	9.000	On	L1	19.7	27.1	60.0	

#### Final Result 2

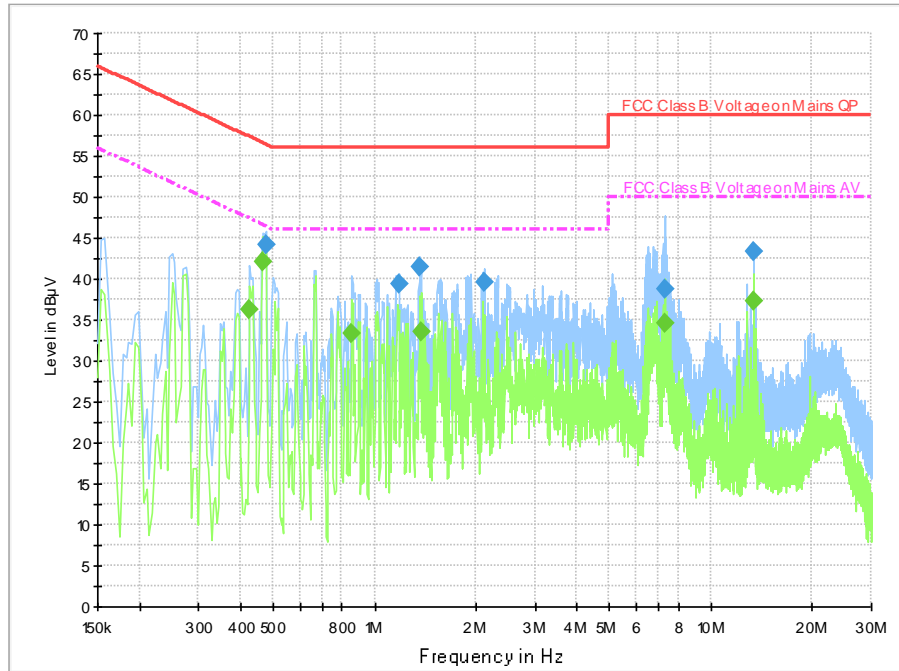
Frequency (MHz)	Average (dBuV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)	Comment
0.186000	23.9	2000.0	9.000	On	N	19.7	30.3	54.2	
0.486000	26.1	2000.0	9.000	On	L1	19.7	20.1	46.2	
1.078000	20.7	2000.0	9.000	On	L1	19.7	25.3	46.0	
3.362000	23.1	2000.0	9.000	On	L1	19.6	22.9	46.0	
16.210000	26.5	2000.0	9.000	On	L1	19.7	23.5	50.0	
17.786000	26.8	2000.0	9.000	On	L1	19.7	23.2	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
0.194000	41.6	2000.0	9.000	On	L1	19.7	22.3	63.9	
0.306000	33.4	2000.0	9.000	On	L1	19.7	26.7	60.1	
0.494000	36.5	2000.0	9.000	On	L1	19.7	19.6	56.1	
2.362000	28.5	2000.0	9.000	On	L1	19.6	27.5	56.0	
17.406000	37.9	2000.0	9.000	On	L1	19.7	22.1	60.0	
18.134000	40.9	2000.0	9.000	On	L1	19.7	19.1	60.0	

**Final Result 2**

Frequency (MHz)	Average (dBuV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)	Comment
0.194000	27.9	2000.0	9.000	On	L1	19.7	26.0	53.9	
0.498000	30.0	2000.0	9.000	On	L1	19.7	16.1	46.0	
1.210000	24.2	2000.0	9.000	On	L1	19.6	21.8	46.0	
1.762000	23.3	2000.0	9.000	On	L1	19.6	22.7	46.0	
16.370000	29.0	2000.0	9.000	On	L1	19.7	21.0	50.0	
18.134000	33.1	2000.0	9.000	On	L1	19.7	16.9	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
0.474000	44.2	2000.0	9.000	On	N	19.7	12.2	56.4	
1.182000	39.3	2000.0	9.000	On	N	19.6	16.7	56.0	
1.358000	41.4	2000.0	9.000	On	L1	19.6	14.6	56.0	
2.126000	39.5	2000.0	9.000	On	L1	19.6	16.5	56.0	
7.314000	38.8	2000.0	9.000	On	L1	19.6	21.2	60.0	
13.358000	43.2	2000.0	9.000	On	L1	19.7	16.8	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	36.2	2000.0	9.000	On	L1	19.7	11.1	47.3	
0.466000	42.1	2000.0	9.000	On	L1	19.7	4.5	46.6	
0.854000	33.4	2000.0	9.000	On	N	19.6	12.6	46.0	
1.374000	33.5	2000.0	9.000	On	N	19.6	12.5	46.0	
7.282000	34.6	2000.0	9.000	On	L1	19.6	15.4	50.0	
13.358000	37.2	2000.0	9.000	On	L1	19.7	12.8	50.0	

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