



# TEST REPORT

## No. I18Z60588-EMC01

for

**TCL Communication Ltd.**

**Tablet PC**

**Model Name: 8067/8068**

**FCC ID: 2ACCJBT12**

with

**Hardware Version: V1.2**

**Software Version: E1H**

**Issued Date: 2018-05-10**



**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

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: [ctl\\_terminals@catr.cn](mailto:ctl_terminals@catr.cn), website: [www.chinattl.com](http://www.chinattl.com)



## **REPORT HISTORY**

<b>Report Number</b>	<b>Revision</b>	<b>Description</b>	<b>Issue Date</b>
I18Z60588-EMC01	Rev.0	1 <sup>st</sup> edition	2018-05-08
I18Z60588-EMC01	Rev.1	Adding the different on both models in P 6	2018-05-10



## **CONTENTS**

<b>1. TEST LABORATORY .....</b>	<b>4</b>
<b>1.1. TESTING LOCATION .....</b>	<b>4</b>
<b>1.2. TESTING ENVIRONMENT .....</b>	<b>4</b>
<b>1.3. PROJECT DATA .....</b>	<b>4</b>
<b>1.4. SIGNATURE.....</b>	<b>4</b>
<b>2. CLIENT INFORMATION .....</b>	<b>5</b>
<b>2.1. APPLICANT INFORMATION.....</b>	<b>5</b>
<b>2.2. MANUFACTURER INFORMATION.....</b>	<b>5</b>
<b>3. EQUIPMENT UNDER TEST (EUT) AND ANCILLARY EQUIPMENT (AE) .....</b>	<b>6</b>
<b>3.1. ABOUT EUT.....</b>	<b>6</b>
<b>3.2. INTERNAL IDENTIFICATION OF EUT USED DURING THE TEST .....</b>	<b>6</b>
<b>3.3. INTERNAL IDENTIFICATION OF AE USED DURING THE TEST.....</b>	<b>6</b>
<b>3.4. EUT SET-UPS .....</b>	<b>7</b>
<b>4. REFERENCE DOCUMENTS.....</b>	<b>8</b>
<b>4.1. REFERENCE DOCUMENTS FOR TESTING.....</b>	<b>8</b>
<b>5. LABORATORY ENVIRONMENT.....</b>	<b>9</b>
<b>6. SUMMARY OF TEST RESULTS.....</b>	<b>10</b>
<b>7. TEST EQUIPMENTS UTILIZED.....</b>	<b>11</b>
<b>ANNEX A: MEASUREMENT RESULTS .....</b>	<b>12</b>

## **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: 2018-04-23

Testing End Date: 2018-04-24

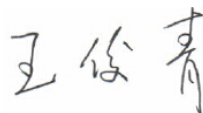
### **1.4. Signature**



---

Zhang Ying

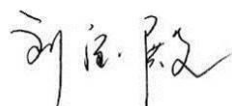
(Prepared this test report)



---

Wang Junqing

(Reviewed this test report)



---

Liu Baodian

Deputy Director of the laboratory

(Approved this test report)



## **2. Client Information**

### **2.1. Applicant Information**

Company Name: TCL Communication Ltd.  
7/F, Block F4, TCL Communication Technology Building, TCL  
Address /Post: International E City, Zhong Shan Yuan Road, Nanshan District,  
Shenzhen, Guangdong, P.R. China 518052  
City: Guangdong  
Postal Code: 518052  
Country: China  
Contact Person: Gong Zhizhou  
Contact Email zhizhou.gong@tcl.com  
Telephone: 0086-755-36611722  
Fax: /

### **2.2. Manufacturer Information**

Company Name: TCL Communication Ltd.  
7/F, Block F4, TCL Communication Technology Building, TCL  
Address /Post: International E City, Zhong Shan Yuan Road, Nanshan District,  
Shenzhen, Guangdong, P.R. China 518052  
City: Guangdong  
Postal Code: 518052  
Country: China  
Telephone: 0086-755-36611722  
Fax: /

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

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

Description	Tablet PC
Model Name	8067/8068
FCC ID	2ACCJBT12
Extreme vol. Limits	3.4VDC to 4.4VDC (nominal: 3.9VDC)

Note: Components list, please refer to documents of the manufacturer; it is also included in the original test record of CTTL, CTTL, Telecommunication Technology Labs, CAICT.

Note: The change between 8067 and 8068 is that the 8068 shut off GPS. The 8067 is under testing.

#### **3.2. Internal Identification of EUT used during the test**

<b>EUT ID*</b>	<b>SN or IMEI</b>	<b>HW Version</b>	<b>SW Version</b>
EUT11	7YLC03CQPGB0027	V1.2	E1H

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

#### **3.3. Internal Identification of AE used during the test**

<b>AE ID*</b>	<b>Description</b>	<b>SN</b>	<b>Remarks</b>
AE1	battery	/	/
AE2	Travel charger	/	18TCT-CH-0201
AE3	Travel charger	/	18TCT-CH-0213
AE4	Travel charger	/	No test
AE5	Travel charger	/	No test
AE6	Travel charger	/	No test
AE7	Travel charger	/	No test
AE12	Travel charger	/	18TCT-CH-0200
AE13	Travel charger	/	18TCT-CH-0219
AE8	USB Cable	/	18TCT-DC-0070
AE9	USB Cable	/	18TCT-DC-0082
AE10	USB Cable	/	/
AE11	USB Cable	/	/

AE1

Model	TLp025F7(CAC2580038C7)
Manufacturer	VEKEN
Capacitance	2580 mAh
Nominal voltage	3.8V

AE2, AE12

Model	CBA0058AGAC5
Manufacturer	PUAN
Length of cable	/



AE3, AE13

Model CBA0058AGAC7  
Manufacturer CHENGYANG  
Length of cable /

AE4

Model CBA0058AAAC5  
Manufacturer PUAN  
Length of cable

AE5

Model CBA0058AKAC5  
Manufacturer PUAN  
Length of cable

AE6

Model CBA0058ACAC5  
Manufacturer PUAN  
Length of cable

AE7

Model CBA0058AAAC7  
Manufacturer CHENGYANG  
Length of cable

AE8

Model CDA3122005C2  
Manufacturer SHENGHUA  
Length of cable 1m

AE9

Model CDA3122005C8  
Manufacturer PUAN  
Length of cable /

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

Note: The USB cables are shielded.

### 3.4. EUT set-ups

EUT set-up No.	Combination of EUT and AE	Remarks
Set.1	EUT1 + AE1 + AE2 + AE8	Charger
Set.2	EUT1 + AE1 + AE3 + AE9	Charger
Set.3	EUT1 + AE1 + AE8	USB mode
Set.4	EUT1 + AE1 + AE9	USB mode

## **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	2016
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** (23 meters × 17meters × 10meters) 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	< 4Ω
Normalised site attenuation (NSA)	< ± 4 dB, 3m/10m distance, from 30 to 1000 MHz
Site voltage standing-wave ratio ( $S_{VSWR}$ )	Between 0 and 6 dB, from 1GHz to 18GHz
Uniformity of field strength	Between 0 and 6 dB, from 80 to 3000 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)
2	Conducted Emission	15.107(a)	B.2	P	CTTL(Huayuan North)

**7. Test Equipments Utilized**

NO.	Description	TYPE	SERIES NUMBER	MANUFACTURE	CAL DUE DATE	CALIBRATION INTERVAL
1	Test Receiver	ESU26	100235	R&S	2019-03-31	1 year
2	Test Receiver	ESCI 7	100344	R&S	2019-02-28	1 year
5	LISN	ENV216	101200	R&S	2019-04-15	1 year
6	EMI Antenna	VULB 9163	9163-301	Schwarzbeck	2019-02-03	1 year
7	EMI Antenna	3115	0067250	ETS-Lindgren	2018-12-31	1 year
8	PC	OPTIPLEX 380	2X1YV2X	DELL	N/A	N/A
9	Printer	P1606dn	VNC3L52122	HP	N/A	N/A
10	Keyboard	L100	CN0RH6596589 07ATOI40	DELL	N/A	N/A
11	Mouse	M-UAE119	LZ935220ZRC	Lenovo	N/A	N/A

Test Item	Test Software and Version	Software Vendor
Radiated Continuous Emission	EMC32 V9.01	R&S
Conducted Emission	EMC32 V8.52.0	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 10 meters(for 30MHz-1GHz) and 3 meters (for above 1GHz) 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 model of the PC is DELL OPTIPLEX 380, and the serial number of the PC is 2X1YV2X. 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/1MHz	15	Peak, Average

### A.1.5 Measurement Results

A "reference path loss" is established and the  $A_{Rpl}$  is the attenuation of "reference path loss". It includes the antenna factor of receive antenna and the path loss.

The measurement results are obtained as described below:

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

Where

$G_A$ : Antenna factor of receive antenna

$G_{\text{PL}}$ : Path Loss

$P_{\text{Mea}}$ : Measurement result on receiver.

Measurement uncertainty (worst case):  $U = 4.3 \text{ dB}$ ,  $k=2$ .

The  $W$  of antenna 3115 is 177 cm for 1-7GHz, the height of antenna is 1.5m.

The  $W$  of antenna 3115 is 47 cm for 7-18GHz, the height of antenna is 1.5m.

#### Measurement results for Set.1:

##### 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)	Antenna Pol. (H/V)
17875.333	38.1	-18.5	45.6	11.0	54.0	H
17400.467	37.6	-19.2	41.5	15.3	54.0	H
17390.833	37.6	-19.2	41.5	15.3	54.0	V
17473.567	37.6	-19.2	41.5	15.3	54.0	H
17386.867	37.5	-19.5	41.5	15.5	54.0	H
17892.900	37.5	-18.5	45.6	10.4	54.0	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)	Antenna Pol. (H/V)
17784.100	50.2	-18.5	45.6	23.1	74.0	H
17783.533	49.5	-18.5	45.6	22.4	74.0	H
17810.167	49.3	-18.5	45.6	22.2	74.0	V
17344.933	49.1	-19.5	41.5	27.1	74.0	H
17444.100	49.1	-19.2	41.5	26.8	74.0	H
17879.867	49.0	-18.5	45.6	21.9	74.0	H

**Measurement results for Set.2:**

**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)	Antenna Pol. (H/V)
17892.900	37.9	-18.5	45.6	10.8	54.0	H
17452.600	37.6	-19.2	41.5	15.3	54.0	H
17488.867	37.6	-19.2	41.5	15.3	54.0	V
17392.533	37.6	-19.2	41.5	15.3	54.0	H
17474.700	37.6	-19.2	41.5	15.3	54.0	H
17445.800	37.6	-19.2	41.5	15.3	54.0	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)	Antenna Pol. (H/V)
17490.000	49.7	-19.2	41.5	27.4	74.0	H
17881.000	49.6	-18.5	45.6	22.5	74.0	H
17399.333	49.5	-19.2	41.5	27.2	74.0	V
17411.233	49.4	-19.2	41.5	27.1	74.0	H
17935.967	49.3	-17.7	45.6	21.4	74.0	H
17856.067	49.2	-18.5	45.6	22.1	74.0	H

**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)	Antenna Pol. (H/V)
17787.500	37.9	-18.5	45.6	10.8	54.0	H
17385.167	37.8	-19.5	41.5	15.8	54.0	H
17850.400	37.8	-18.5	45.6	10.7	54.0	V
17861.733	37.8	-18.5	45.6	10.7	54.0	H
17474.133	37.8	-19.2	41.5	15.5	54.0	H
17802.800	37.7	-18.5	45.6	10.6	54.0	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)	Antenna Pol. (H/V)
17918.400	50.1	-17.7	45.6	22.2	74.0	H
17478.667	50.0	-19.2	41.5	27.7	74.0	H
17793.167	49.7	-18.5	45.6	22.6	74.0	V
17383.467	49.5	-19.5	41.5	27.5	74.0	H
17361.933	49.4	-19.5	41.5	27.4	74.0	H
17850.400	49.2	-18.5	45.6	22.1	74.0	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)	Antenna Pol. (H/V)
17405.000	37.9	-19.2	41.5	15.6	54.0	H
17902.533	37.8	-18.5	45.6	10.7	54.0	H
17880.433	37.8	-18.5	45.6	10.7	54.0	V
17886.667	37.7	-18.5	45.6	10.6	54.0	H
17391.400	37.7	-19.2	41.5	15.4	54.0	H
17397.067	37.6	-19.2	41.5	15.3	54.0	H

**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)	Antenna Pol. (H/V)
17808.467	49.5	-18.5	45.6	22.4	74.0	H
17888.933	49.3	-18.5	45.6	22.2	74.0	H
17388.000	49.2	-19.2	41.5	26.9	74.0	V
17778.433	49.1	-18.5	45.6	22.0	74.0	H
17862.867	49.1	-18.5	45.6	22.0	74.0	H
17439.000	49.1	-19.2	41.5	26.8	74.0	H

Note: The measurement results of Set.1, Set.2, Set.3 and Set.4 showed here are worst cases of the combinations of different USB cables.



Charging Mode, Set.1

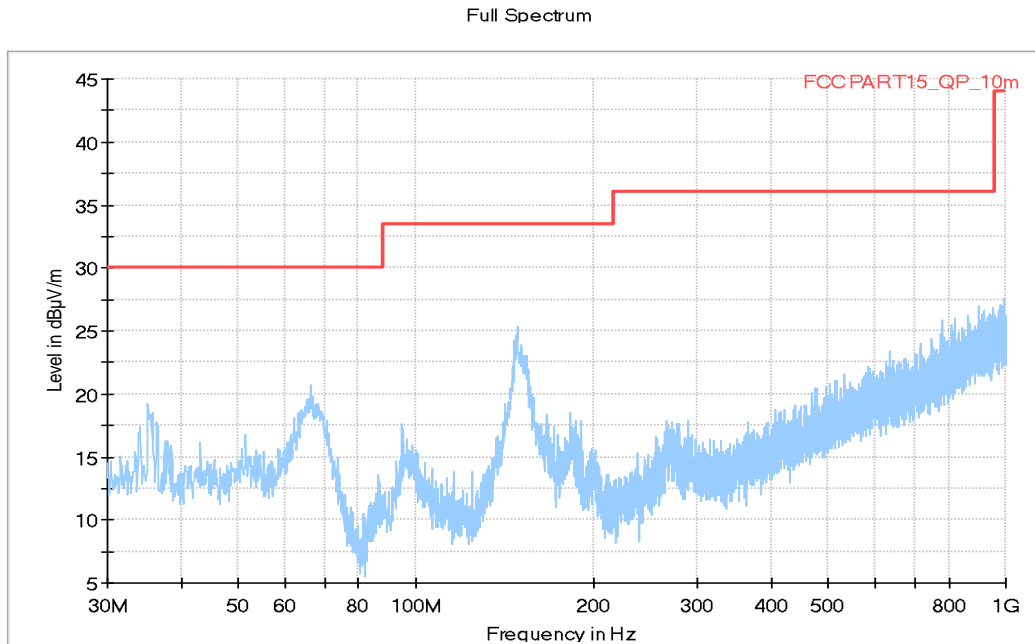


Fig A.1 Radiated Emission from 30MHz to 1GHz

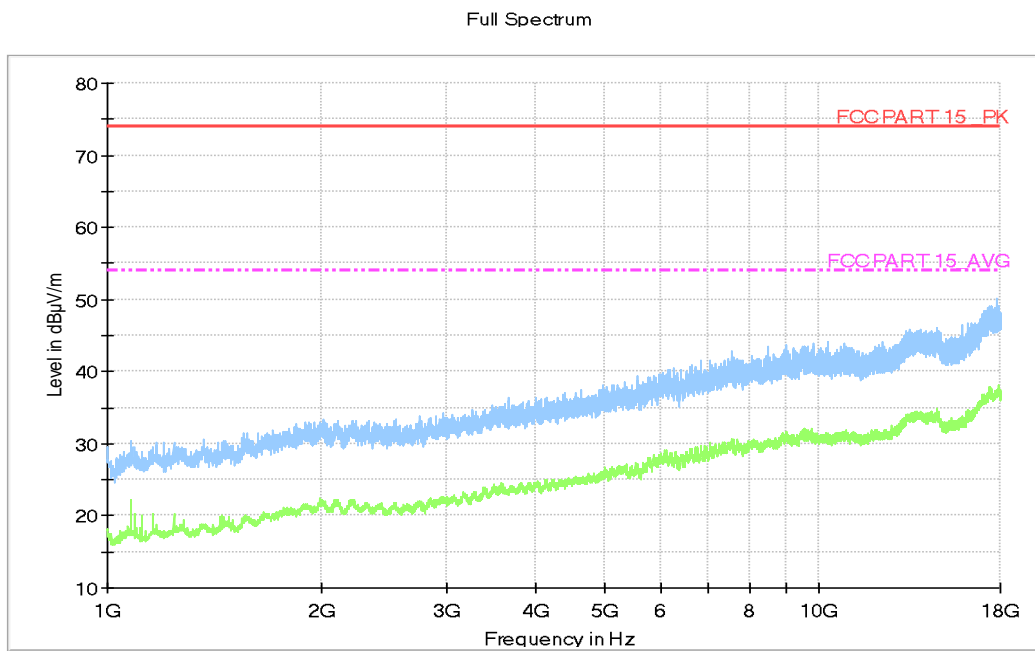
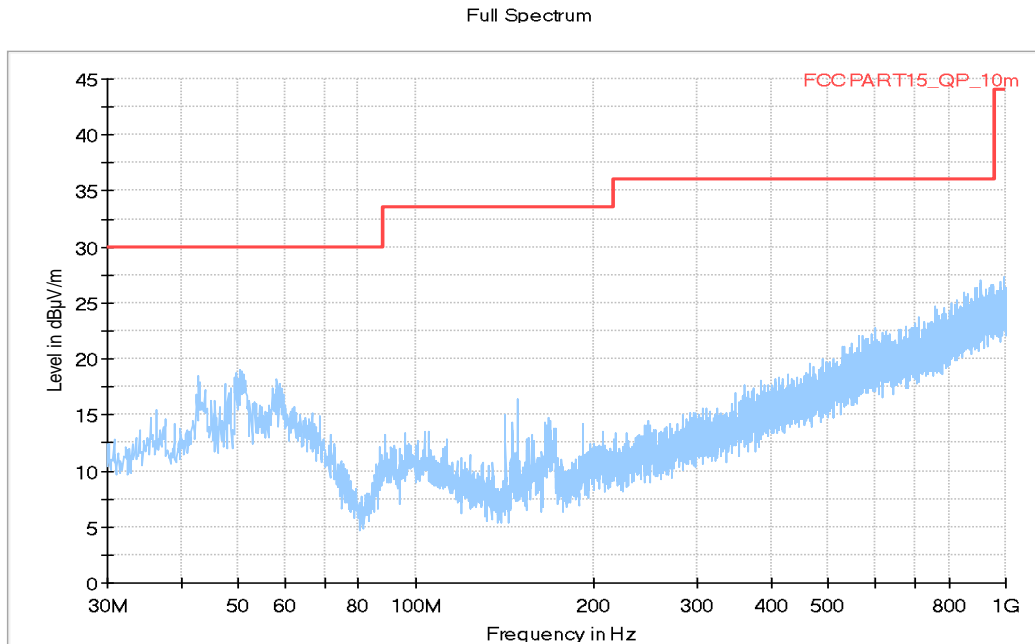
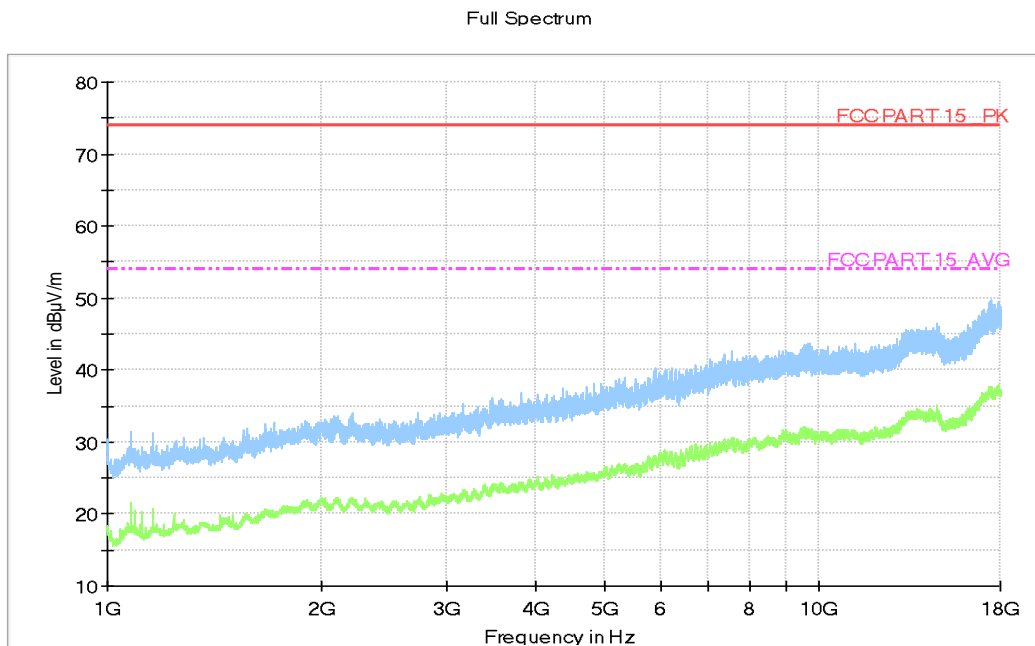


Fig A.2 Radiated Emission from 1GHz to 18GHz

Charging Mode, Set.2



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



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

Charging Mode, Set.3

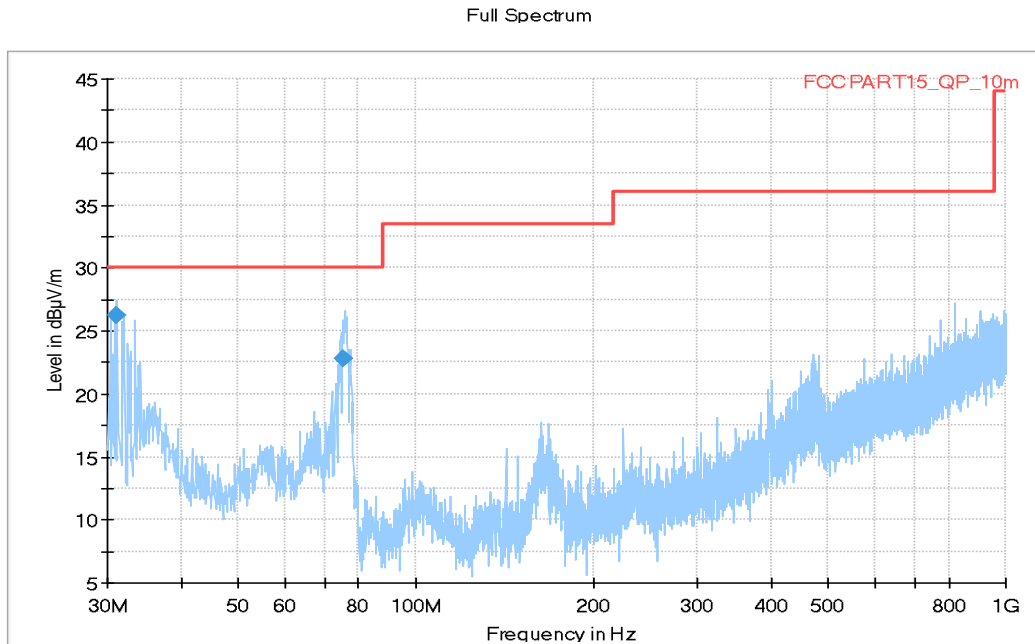


Fig A.5 Radiated Emission from 30MHz to 1GHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)
31.104000	26.19	30.00	3.81	211.0	V	210.0
75.558000	22.74	30.00	7.26	225.0	V	106.0

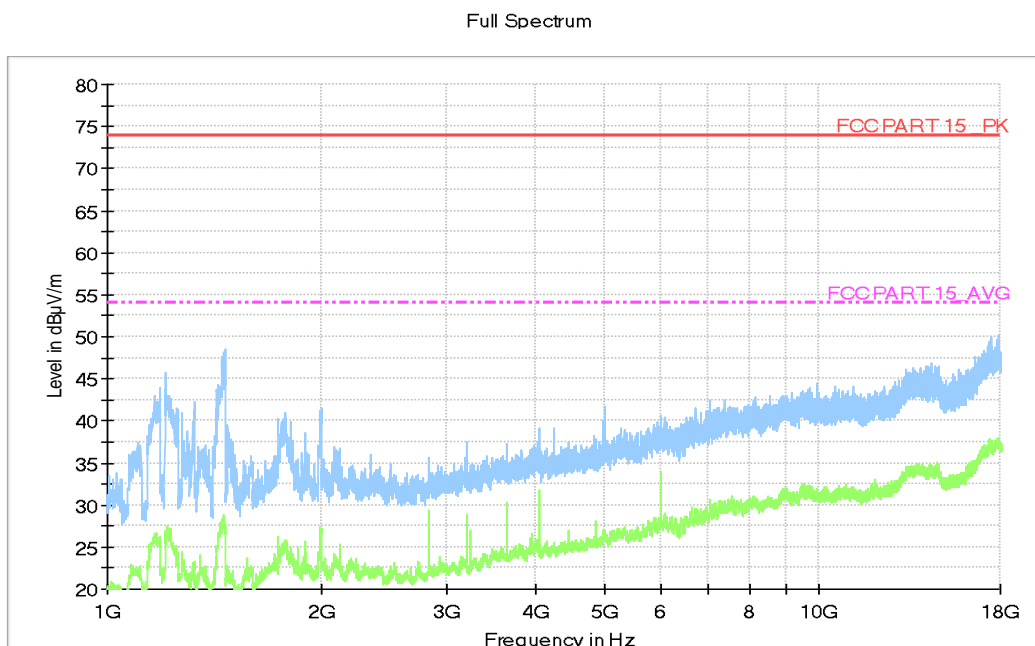


Fig A.6 Radiated Emission from 1GHz to 18GHz

USB Mode, Set.4

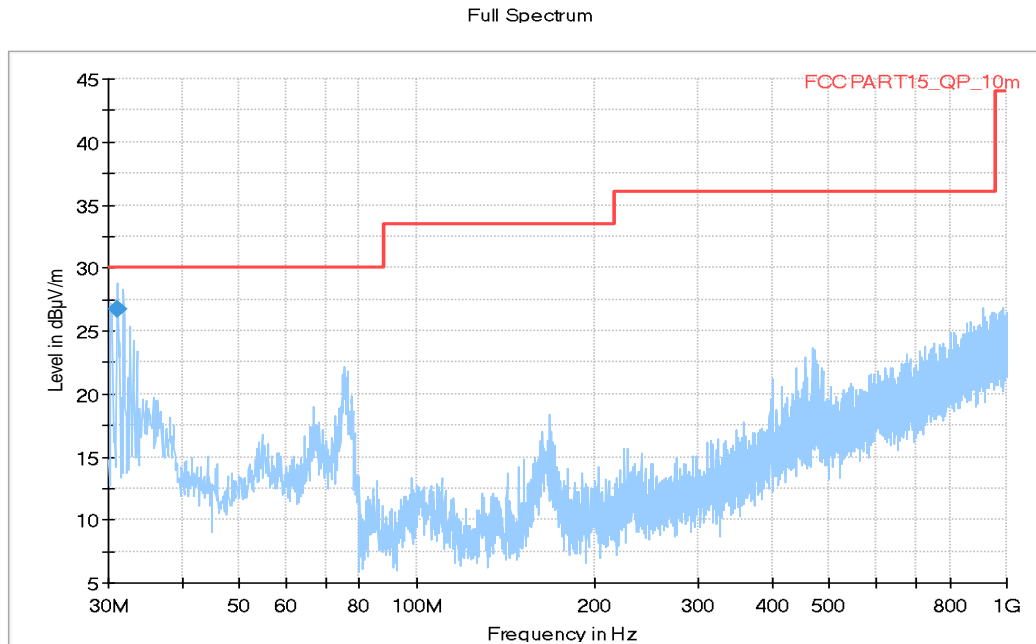


Fig A.7 Radiated Emission from 30MHz to 1GHz

Final\_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)
31.067000	26.75	30.00	3.25	100.0	V	210.0

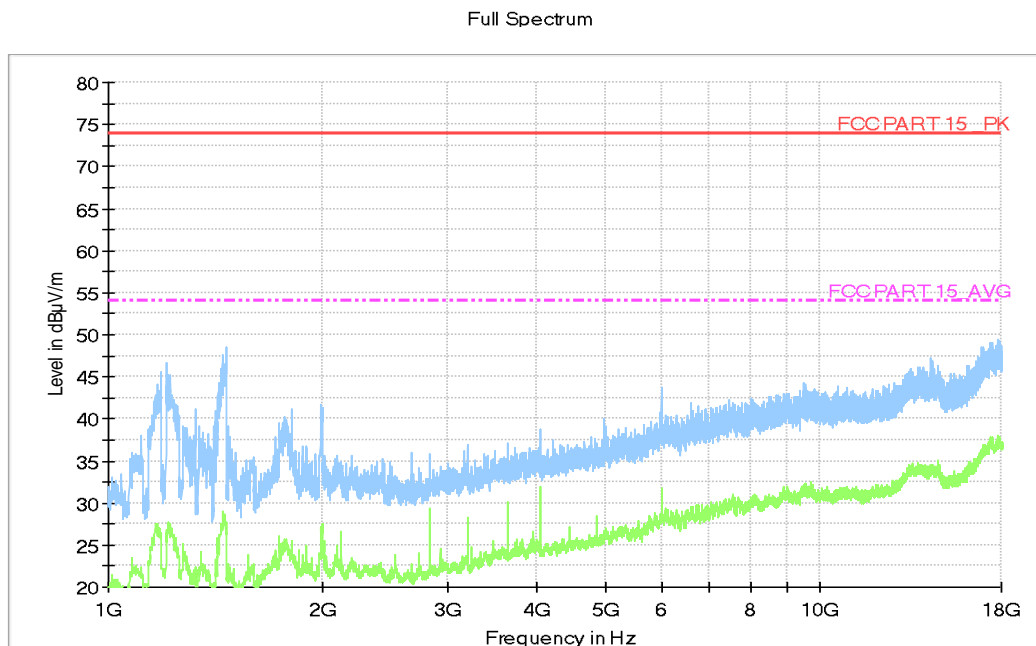


Fig A.8 Radiated Emission from 1GHz to 18GHz

## 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 OPTIPLEX 380, and the serial number of the PC is 2X1YV2X. 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:  $U= 2.9$  dB,  $k=2$ .

#### Charging Mode, Set.1

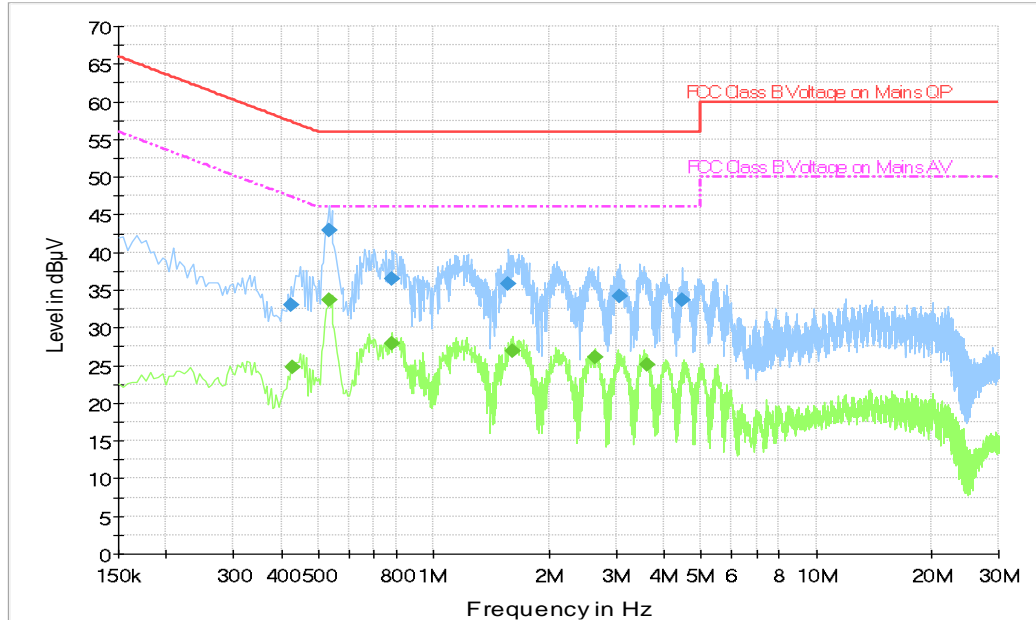


Fig A.9 Conducted Emission

#### Final Result 1

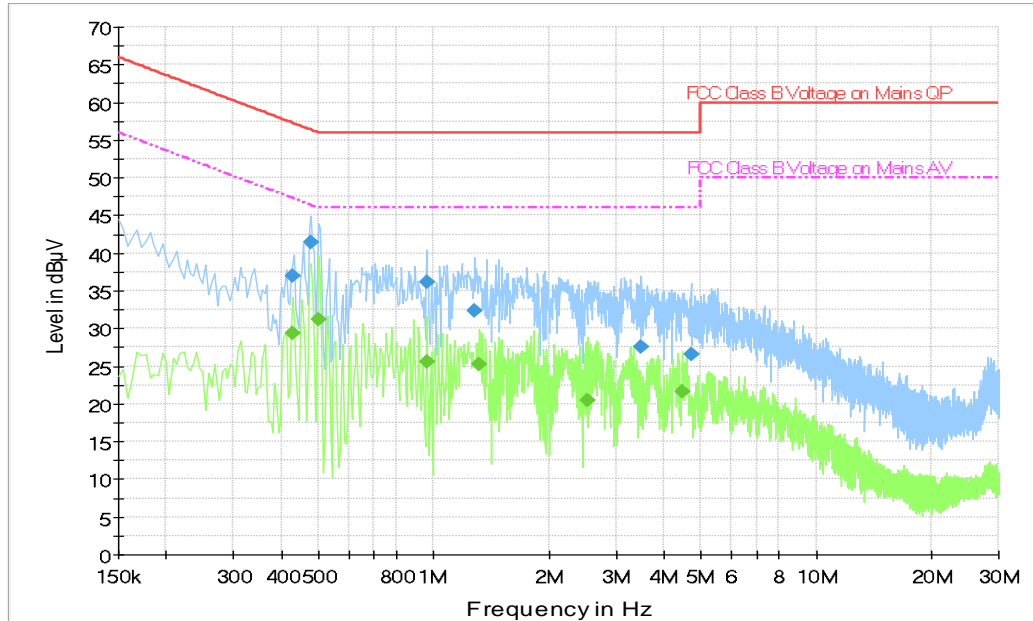
Frequency (MHz)	QuasiPeak (dBµV)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.424500	33.0	L1	19.9	24.3	57.4
0.532500	42.9	L1	19.9	13.1	56.0
0.780000	36.6	L1	19.7	19.4	56.0
1.572000	35.9	L1	19.7	20.1	56.0
3.075000	34.2	L1	19.7	21.8	56.0
4.461000	33.7	L1	19.6	22.3	56.0

#### Final Result 2

Frequency (MHz)	Average (dBµV)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.429000	24.8	L1	19.9	22.5	47.3
0.532500	33.6	L1	19.9	12.4	46.0
0.780000	28.0	L1	19.7	18.0	46.0
1.617000	26.9	L1	19.7	19.1	46.0
2.643000	26.1	L1	19.7	19.9	46.0
3.610500	25.2	L1	19.6	20.8	46.0

Note: The measurement results showed here are worst cases of the combinations of different USB cables.

**Charging Mode, Set.2**



**Fig A.10 Conducted Emission**

**Final Result 1**

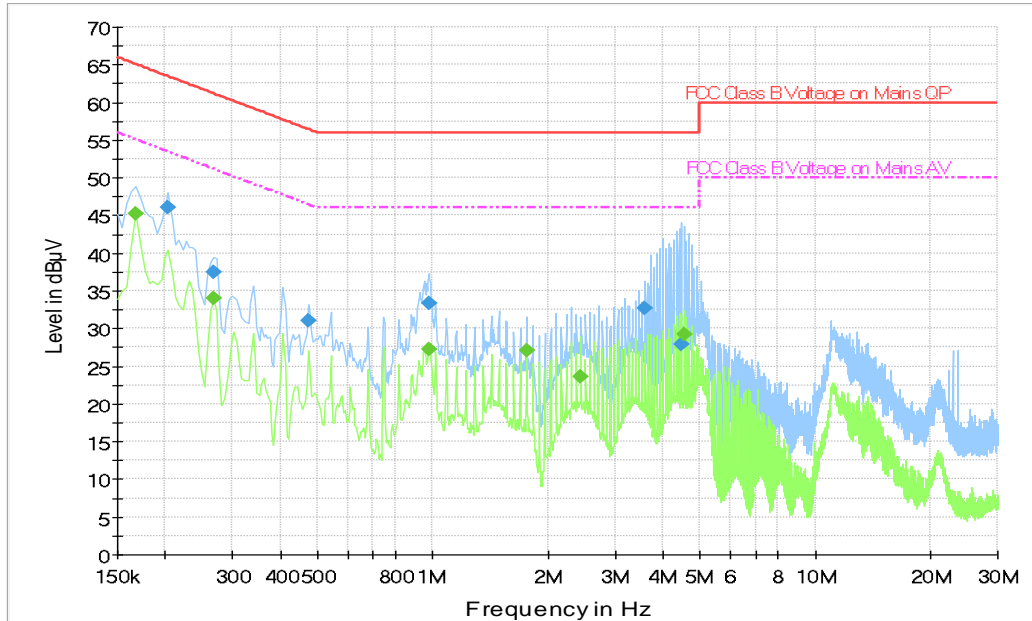
Frequency (MHz)	QuasiPeak (dBµV)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.429000	36.9	L1	19.9	20.3	57.3
0.478500	41.4	N	19.9	15.0	56.4
0.960000	36.1	L1	19.6	19.9	56.0
1.279500	32.3	N	19.6	23.7	56.0
3.471000	27.6	N	19.7	28.4	56.0
4.704000	26.5	N	19.7	29.5	56.0

**Final Result 2**

Frequency (MHz)	Average (dBµV)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.429000	29.4	L1	19.9	17.8	47.3
0.501000	31.3	L1	19.9	14.7	46.0
0.960000	25.7	L1	19.6	20.3	46.0
1.320000	25.2	L1	19.6	20.8	46.0
2.535000	20.4	L1	19.7	25.6	46.0
4.456500	21.5	L1	19.6	24.5	46.0

Note: The measurement results showed here are worst cases of the combinations of different USB cables.

**Charging Mode, Set.3**



**Fig A.11 Conducted Emission**

**Final Result 1**

Frequency (MHz)	QuasiPeak (dBµV)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.204000	46.1	L1	19.8	17.3	63.4
0.267000	37.4	L1	19.8	23.8	61.2
0.474000	31.0	L1	19.9	25.4	56.4
0.978000	33.3	L1	19.6	22.7	56.0
3.597000	32.7	N	19.7	23.3	56.0
4.474500	27.9	N	19.7	28.1	56.0

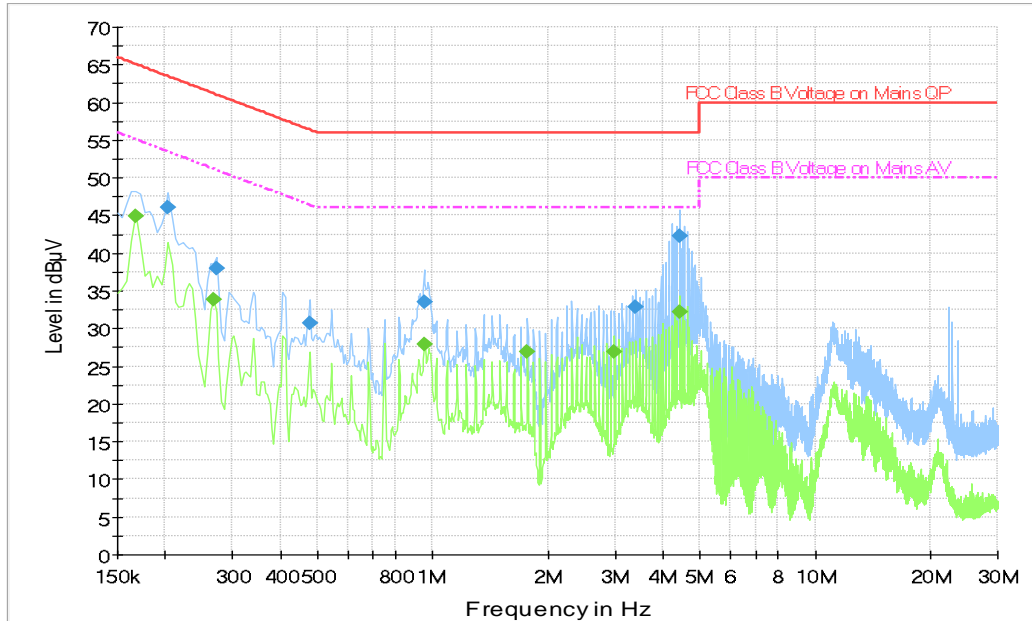
**Final Result 2**

Frequency (MHz)	Average (dBµV)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.168000	45.3	N	19.8	9.8	55.1
0.267000	34.0	L1	19.8	17.3	51.2
0.982500	27.3	L1	19.6	18.7	46.0
1.765500	27.0	N	19.6	19.0	46.0
2.440500	23.7	L1	19.7	22.3	46.0
4.546500	29.3	N	19.7	16.7	46.0

Note: The measurement results showed here are worst cases of the combinations of different USB cables.



USB Mode, Set.4



Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.204000	46.1	L1	19.8	17.4	63.4
0.271500	37.9	L1	19.8	23.1	61.1
0.478500	30.6	L1	19.9	25.7	56.4
0.951000	33.5	N	19.7	22.5	56.0
3.403500	32.9	N	19.7	23.1	56.0
4.425000	42.3	N	19.7	13.7	56.0

Final Result 2

Frequency (MHz)	Average (dBµV)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.168000	45.0	L1	19.8	10.1	55.1
0.267000	33.9	L1	19.8	17.3	51.2
0.955500	27.8	N	19.7	18.2	46.0
1.770000	27.0	N	19.6	19.0	46.0
2.994000	26.9	L1	19.7	19.1	46.0
4.425000	32.1	N	19.7	13.9	46.0

Note: The measurement results showed here are worst cases of the combinations of different USB cables.

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