



# FCC PART 15B TEST REPORT

No. I22Z60821-EMC01

for

**COOSEA GROUP (HK) COMPANY LIMITED**

**Smart Phone**

**Model name: SN304AE**

**FCC ID: 2A28USN304AE**

with

**Hardware Version: 1.0**

**Software Version: SN304AEC10102**

**Issued Date: 2022-07-04**

**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:**

CTTL-Telecommunication Technology Labs, CAICT

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## **REPORT HISTORY**

<b>Report Number</b>	<b>Revision</b>	<b>Description</b>	<b>Issue Date</b>
I22Z60821-EMC01	Rev.0	1 <sup>st</sup> edition	2022-06-13
I22Z60821-EMC01	Rev.1	2 <sup>nd</sup> edition	2022-07-04

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: 2022-04-16

Testing End Date: 2022-05-06

### 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**

Company Name: COOSEA GROUP (HK) COMPANY LIMITED  
Address: UNIT 5-6 16/F MULTIFIELD PLAZA 3-7A PRAT AVENUE TSIM SHA  
TSUI KL  
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### **2.2. Manufacturer Information**

Company Name: COOSEA GROUP (HK) COMPANY LIMITED  
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TSUI KL  
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Fax: /

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

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

Description	Mobile Phone
Model Name	SN304AE
FCC ID:	2A28USN304AE

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	354266480006617	1.0	SN304AEC10102

\*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	/	/
AE4	OTG Cable	/	/

##### AE1

Model	BL-A40CT
Manufacturer	Shenzhen Aerospace Electronic Co.,Ltd.
Capacity	4000mAh
Nominal Voltage	3.85V

##### AE2

Model	U312E0A050200
Manufacturer	Guangdong Beicom Electronics Co., Ltd.
Length of cable	/

##### AE3

Model	01.07.11.304.900
Manufacturer	SHEN ZHEN SHI TIAN DI KUAN TECHNOLOGY CO.,LTD
Length of cable	/

##### AE4

Model	/
Manufacturer	/
Length of cable	/

#### **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	USB + front camera +LTE B5 idle
Set.4	EUT1 + AE4 +	OTG



Note:

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

It supports

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

LTE Band                    FDD2/FDD4/FDD5/FDD12/FDD14/FDD29/FDD30/TDD48/FDD66

NR Band                    n5

It has MP3, Camera, USB memory, OTG, Bluetooth 5.2, 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 5/12/14/29 and NR n5. 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** (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	ESW44	103023	R&S	2022-10-28	1 Year
2	LISN	ENV216	101200	R&S	2022-05-30	1 year
3	Universal Radio Communication Tester	CMW500	116588	R&S	2022-12-20	1 year
4	Test Receiver	ESCI 7	100344	R&S	2023-03-21	1 Year
5	EMI Antenna	VULB 9163	302	SCHWARZBECK	2022-12-28	1 year
6	EMI Antenna	3115	00167250	ETS-Lindgren	2022-07-01	1 year

※ The LISN with series number of 101200 did not exceed the CAL.DUE.DATE when used.

## **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

$P_{\text{Mea}}$ : 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)
17139.800	41.90	-29.66	42.36	29.19	54.00	12.10	V
17999.320	41.90	-29.06	46.66	24.30	54.00	12.10	H
17367.260	41.80	-29.97	43.36	28.41	54.00	12.20	H
17154.420	41.80	-29.88	42.36	29.31	54.00	12.20	H
17963.620	41.80	-29.06	46.66	24.20	54.00	12.20	V
17968.720	41.70	-29.06	46.66	24.10	54.00	12.30	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)
17956.820	53.60	-28.94	46.66	35.88	74.00	20.40	H
17865.360	53.30	-29.39	45.95	36.74	74.00	20.70	H
17527.400	53.30	-29.32	44.35	38.27	74.00	20.70	H
17650.480	53.10	-29.60	45.25	37.45	74.00	20.90	V
17780.020	53.00	-29.89	45.95	36.93	74.00	21.00	V
17838.500	52.90	-29.68	45.95	36.62	74.00	21.10	V

**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)
17797.360	41.00	-29.89	45.95	24.93	54.00	13.00	H
17887.460	41.00	-29.53	45.95	24.58	54.00	13.00	V
17796.340	41.00	-29.89	45.95	24.93	54.00	13.00	H
17937.780	41.00	-29.40	46.66	23.74	54.00	13.00	H
17975.180	40.90	-29.06	46.66	23.30	54.00	13.10	V
17955.460	40.90	-28.94	46.66	23.18	54.00	13.10	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)
17743.300	52.80	-29.61	45.95	36.46	74.00	21.20	V
17351.960	52.20	-29.97	43.36	38.81	74.00	21.80	V
17631.100	52.00	-29.40	45.25	36.15	74.00	22.00	V
17133.000	52.00	-29.66	42.36	39.29	74.00	22.00	H
17885.760	52.00	-29.53	45.95	35.58	74.00	22.00	H
17251.320	51.90	-30.02	43.36	38.56	74.00	22.10	V

**Measurement results for Set.3:**
**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)
17922.140	39.30	-29.40	46.66	22.04	54.00	14.70	H
17955.800	39.30	-28.94	46.66	21.58	54.00	14.70	V
17976.880	39.20	-29.06	46.66	21.60	54.00	14.80	V
17953.760	39.20	-28.94	46.66	21.48	54.00	14.80	V
17772.880	39.20	-29.63	45.95	22.87	54.00	14.80	V
17964.980	39.10	-29.06	46.66	21.50	54.00	14.90	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)
17796.000	51.20	-29.89	45.95	35.13	74.00	22.80	V
17998.300	50.90	-29.06	46.66	33.30	74.00	23.10	H
17155.100	50.40	-29.88	42.36	37.91	74.00	23.60	V
17855.840	50.30	-29.34	45.95	33.68	74.00	23.70	H
17800.080	50.20	-29.63	45.95	33.88	74.00	23.80	H
17831.020	50.20	-29.68	45.95	33.92	74.00	23.80	H

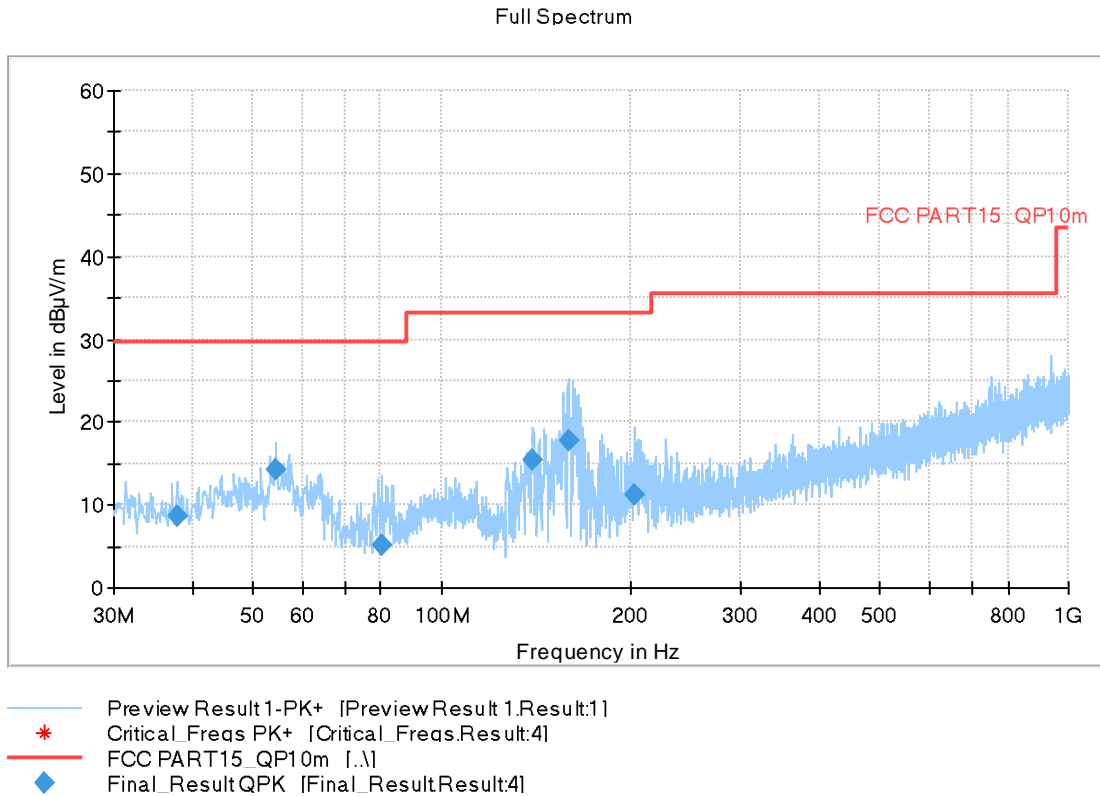
**Measurement results for Set.4:**
**OTG Mode/Average detector**

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)
17726.980	41.40	-29.67	45.25	25.82	54.00	12.60	H
17905.140	41.30	-29.33	45.95	24.67	54.00	12.70	H
17978.580	41.30	-29.06	46.66	23.70	54.00	12.70	V
17268.320	41.10	-29.75	43.36	27.49	54.00	12.90	H
17891.200	41.10	-29.53	45.95	24.68	54.00	12.90	H
17733.780	41.00	-29.67	45.25	25.42	54.00	13.00	V

**OTG Mode/Peak detector**

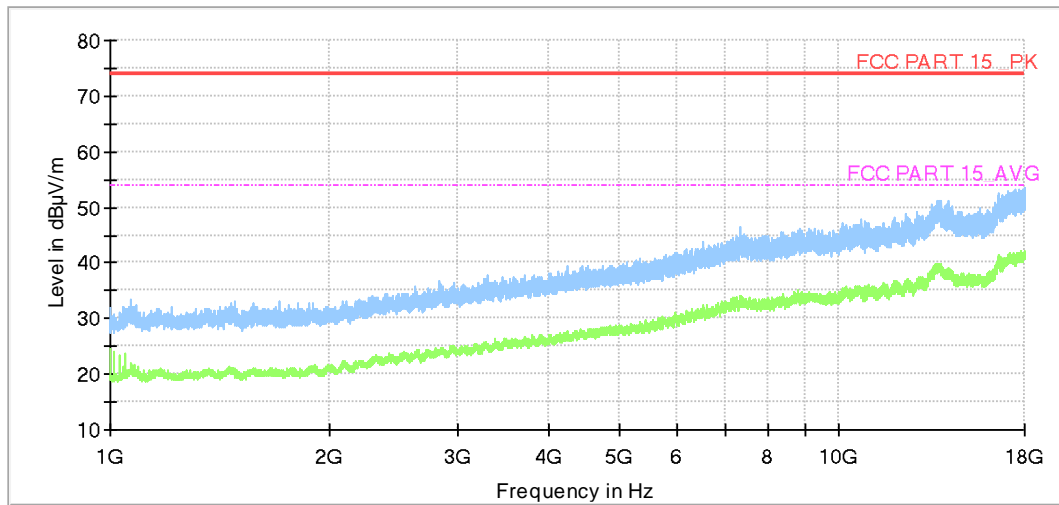
Frequency (MHz)	Measurement Result (dB $\mu$ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB $\mu$ V)	Limit (dB $\mu$ V/m)	Margin (dB)	Antenna Pol. (H/V)
17882.360	51.50	-29.53	45.95	35.08	74.00	22.50	H
17075.880	51.30	-29.77	42.36	38.71	74.00	22.70	H
17781.040	51.30	-29.89	45.95	35.23	74.00	22.70	H
17354.340	51.20	-29.97	43.36	37.81	74.00	22.80	V
17747.380	51.20	-29.61	45.95	34.86	74.00	22.80	H
17608.320	51.20	-29.52	45.25	35.47	74.00	22.80	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)
37.857000	8.71	29.54	20.83	2000.0	120.000	225.0	V	135.0
54.347000	14.19	29.54	15.35	2000.0	120.000	98.0	V	124.0
80.343000	5.17	29.54	24.37	2000.0	120.000	125.0	V	51.0
139.998000	15.37	33.06	17.69	2000.0	120.000	98.0	V	135.0
159.204000	17.83	33.06	15.23	2000.0	120.000	98.0	V	160.0
203.436000	11.12	33.06	21.94	2000.0	120.000	225.0	V	47.0

Full Spectrum



- Preview Result 2-AVG [Preview Result 2.Result 2]
- Preview Result 1-PK+ [Preview Result 1.Result:1]
- \* Critical\_Freqs AVG [Critical\_Freqs.Result:5]
- \* Critical\_Freqs PK+ [Critical\_Freqs.Result:4]
- FCC PART 15\_PK [..]
- - - - - FCC PART 15\_AVG [..]
- ◆ Final\_Result PK+ [Final\_Result.Result:4]
- ◆ Final\_Result AVG [Final\_Result.Result:5]

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

Measurement results for Set.2:

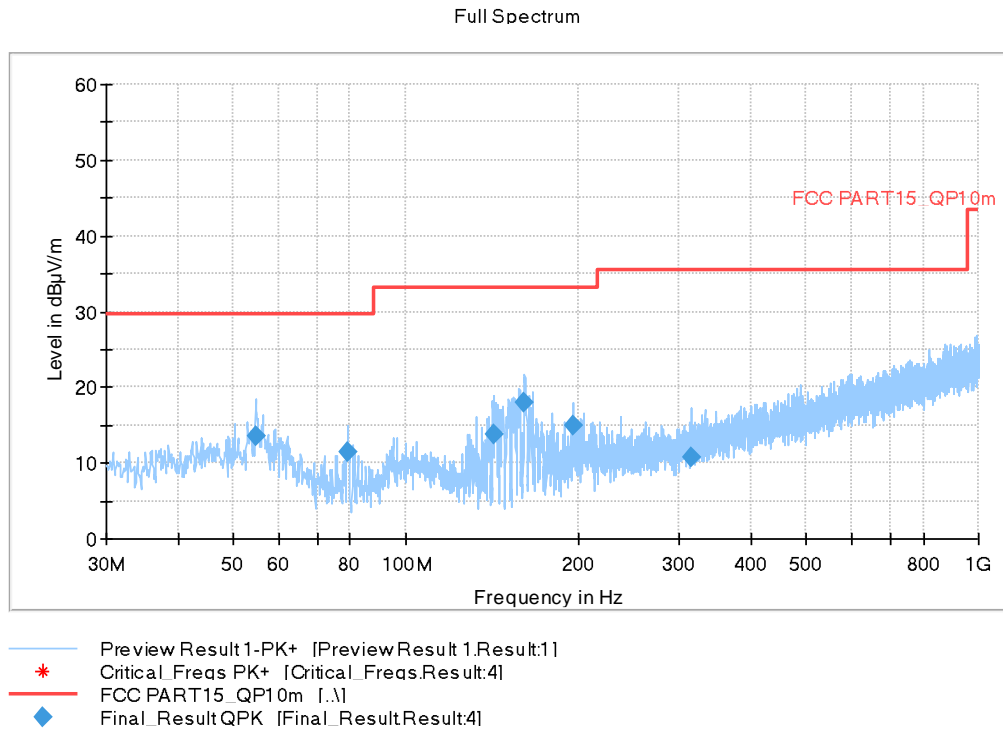
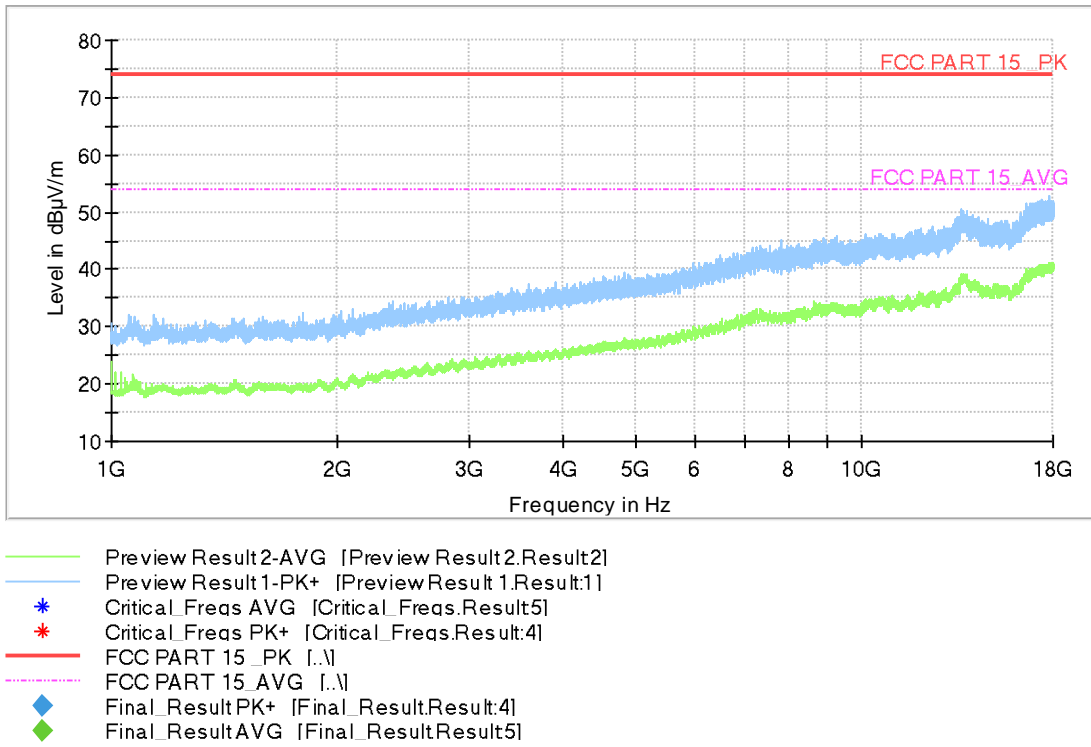


Fig A.3 Radiated Emission from 30MHz to 1GHz

Final Result 1

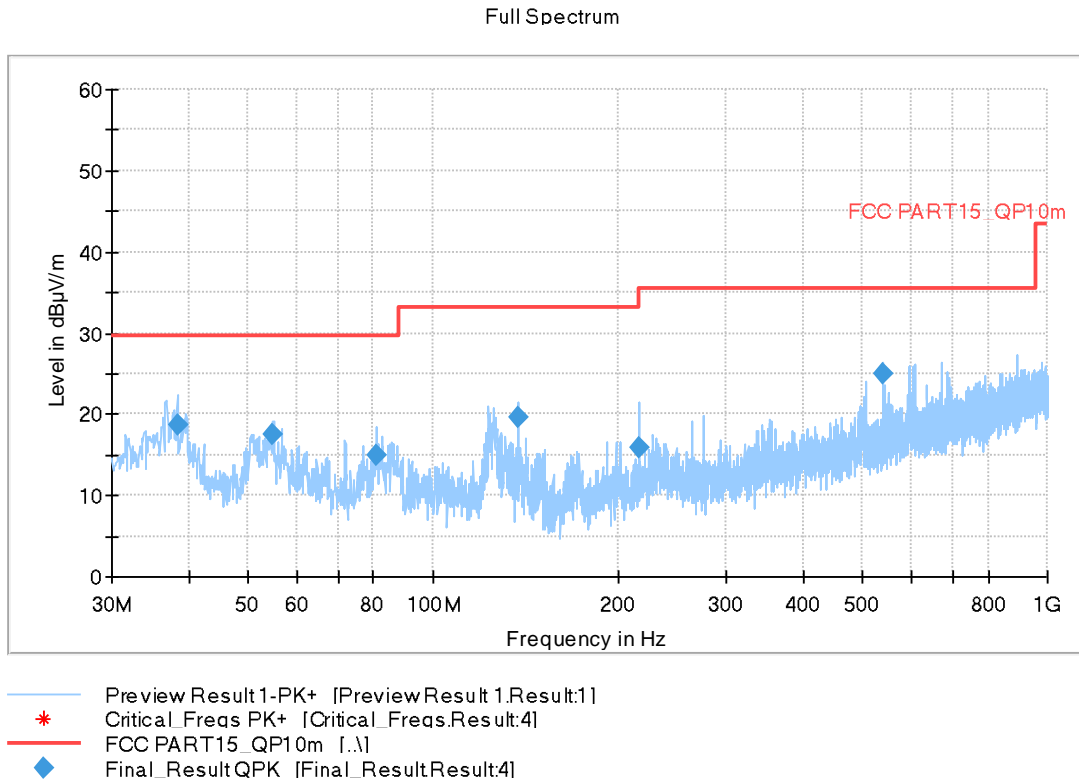
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
54.735000	13.59	29.54	15.95	2000.0	120.000	98.0	V	250.0
79.179000	11.36	29.54	18.18	2000.0	120.000	175.0	V	290.0
142.811000	13.67	33.06	19.39	2000.0	120.000	109.0	V	45.0
161.338000	18.00	33.06	15.06	2000.0	120.000	275.0	V	135.0
196.452000	15.02	33.06	18.04	2000.0	120.000	125.0	V	335.0
315.277000	10.68	35.56	24.88	2000.0	120.000	98.0	V	252.0

Full Spectrum



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

### Measurement results for Set.3:

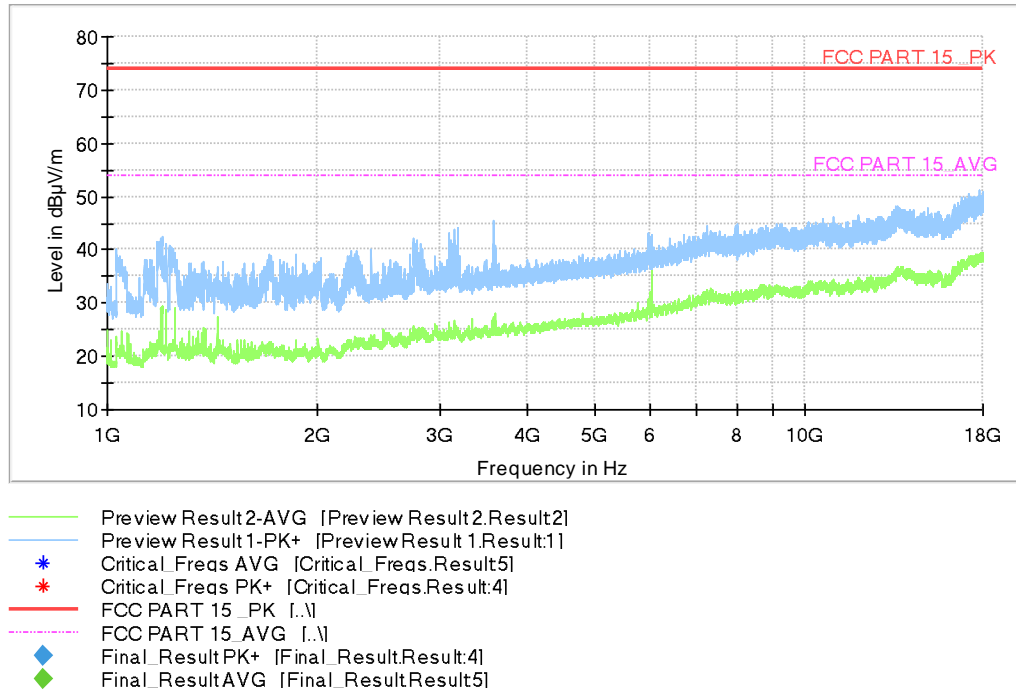


**Fig A.5 Radiated Emission from 30MHz to 1GHz**

### Final Result 1

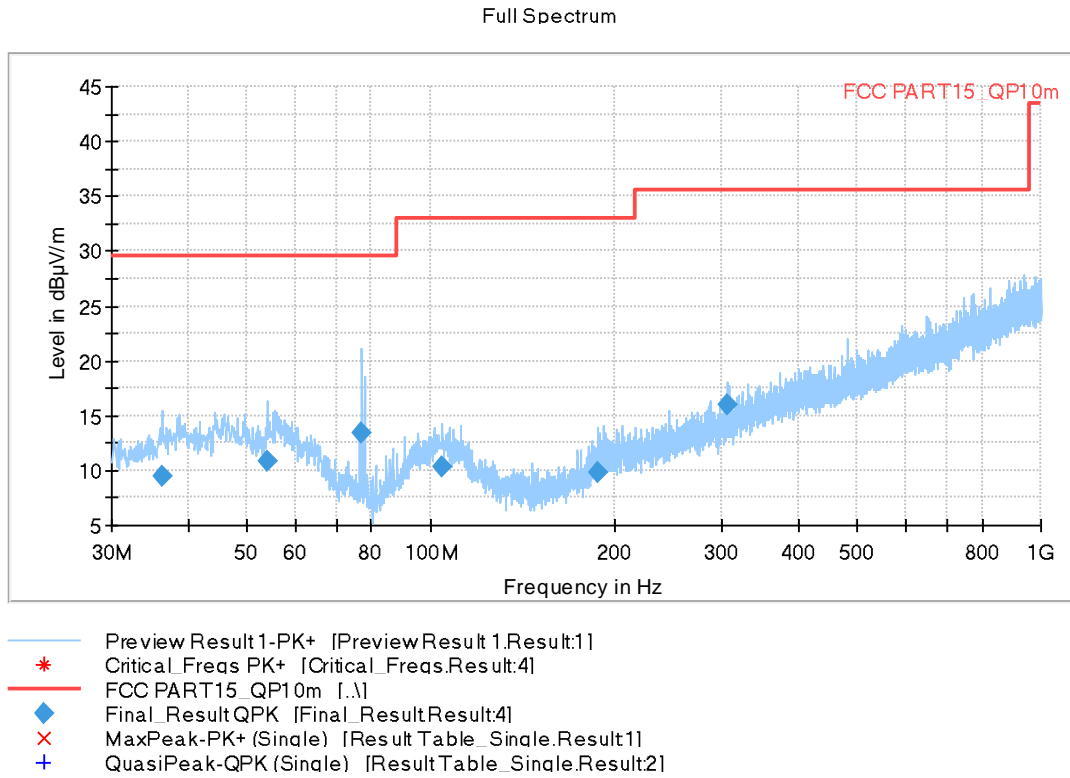
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
38.342000	18.71	29.54	10.83	2000.0	120.000	109.0	V	225.0
54.929000	17.49	29.54	12.05	2000.0	120.000	98.0	V	122.0
80.925000	14.96	29.54	14.58	2000.0	120.000	175.0	V	225.0
137.670000	19.72	33.06	13.34	2000.0	120.000	98.0	V	187.0
215.949000	15.93	33.06	17.13	2000.0	120.000	175.0	V	161.0
540.996000	24.89	35.56	10.67	2000.0	120.000	225.0	V	347.0

Full Spectrum



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

### Measurement results for Set.4:

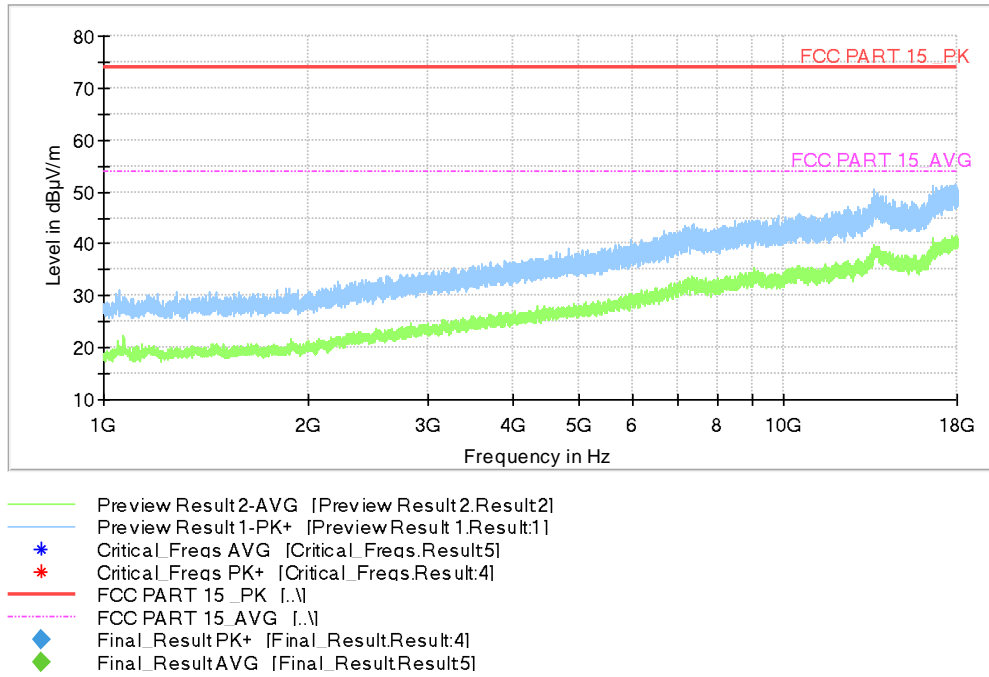


**Fig A.7 Radiated Emission from 30MHz to 1GHz**

### Final Result 1

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
36.305000	9.39	29.54	20.15	2000.0	120.000	225.0	H	315.0
53.959000	10.85	29.54	18.69	2000.0	120.000	125.0	H	0.0
77.239000	13.44	29.54	16.10	2000.0	120.000	225.0	V	45.0
104.205000	10.32	33.06	22.74	2000.0	120.000	125.0	H	47.0
187.819000	9.77	33.06	23.29	2000.0	120.000	98.0	V	124.0
305.480000	15.91	35.56	19.65	2000.0	120.000	186.0	H	225.0

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:  $U= 3.1 \text{ dB}$ ,  $k=2$ .

Charging Mode, Set.1:

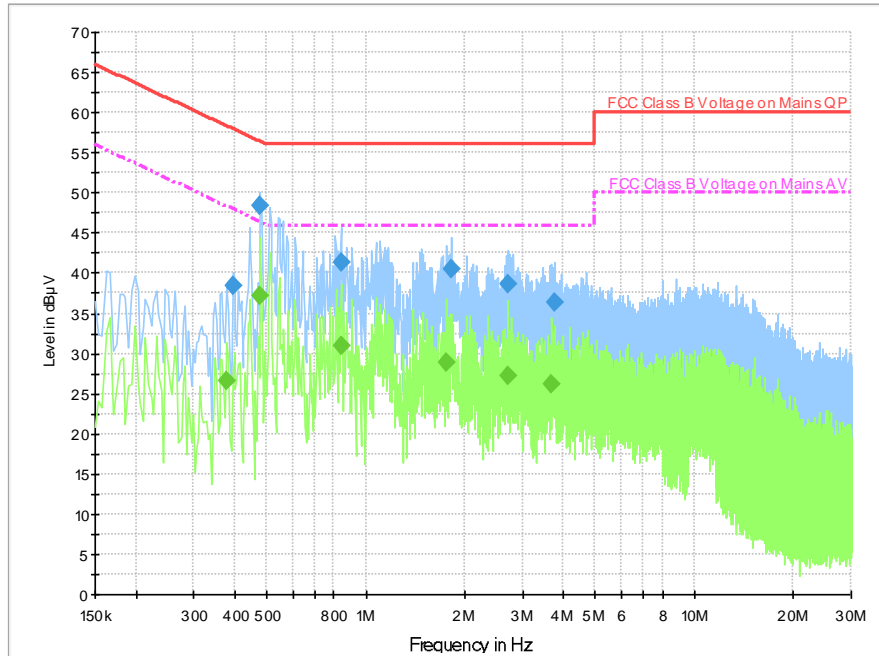


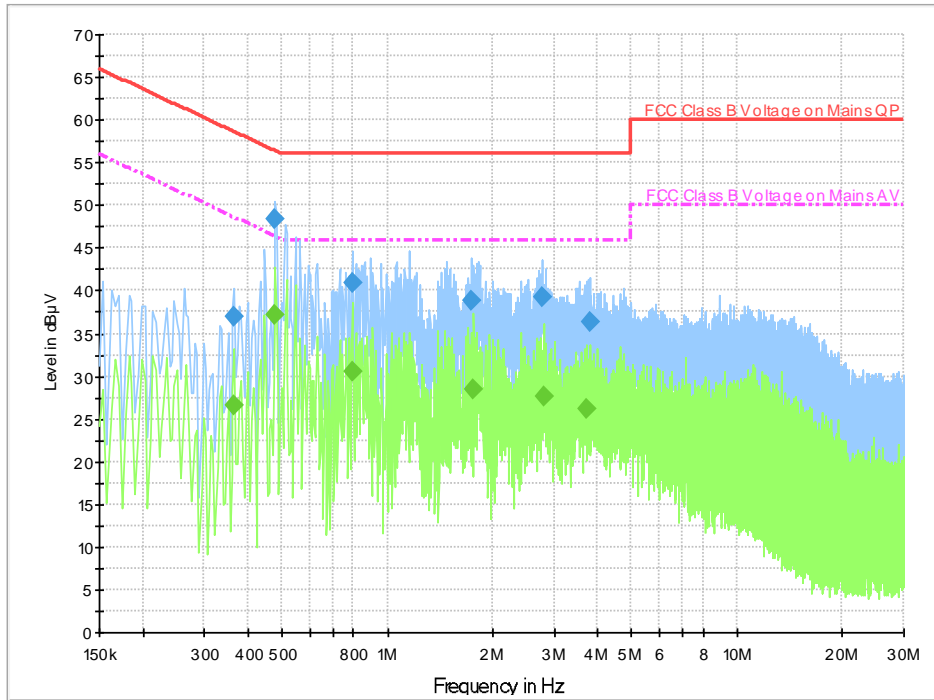
Fig A.9 Conducted Emission from 150kHz to 30MHz

#### Final Result 1

Frequency (MHz)	QuasiPeak (dBuV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)	Comment
0.394000	38.5	5000.0	9.000	On	L1	19.7	19.5	58.0	
0.478000	48.4	5000.0	9.000	On	L1	19.8	8.0	56.4	
0.842000	41.4	5000.0	9.000	On	L1	19.7	14.6	56.0	
1.818000	40.4	5000.0	9.000	On	L1	19.6	15.6	56.0	
2.706000	38.7	5000.0	9.000	On	L1	19.6	17.3	56.0	
3.750000	36.4	5000.0	9.000	On	L1	19.5	19.6	56.0	

#### Final Result 2

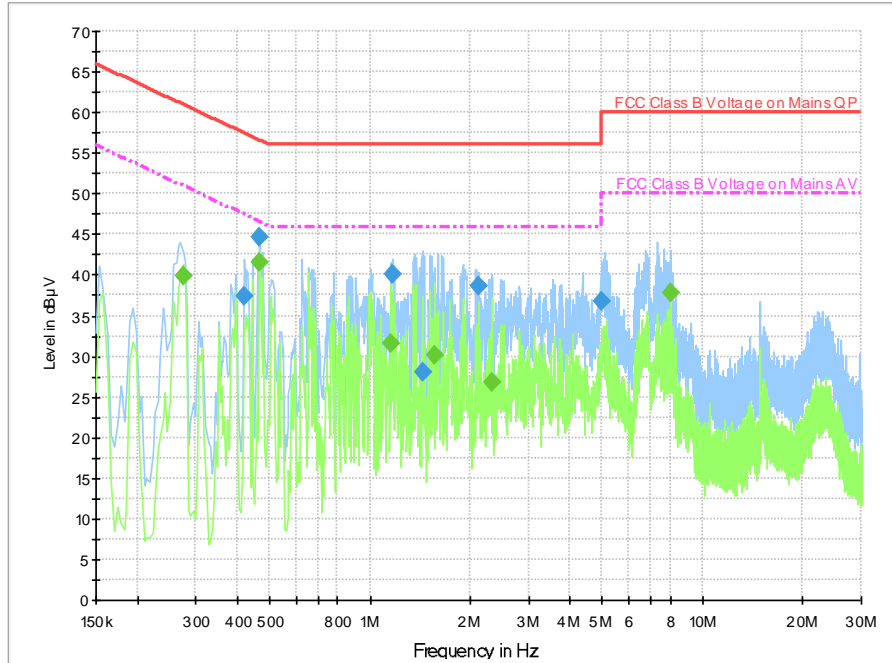
Frequency (MHz)	Average (dBuV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)	Comment
0.378000	26.5	5000.0	9.000	On	L1	19.8	21.8	48.3	
0.478000	37.3	5000.0	9.000	On	L1	19.8	9.1	46.4	
0.842000	31.0	5000.0	9.000	On	L1	19.7	15.0	46.0	
1.754000	28.8	5000.0	9.000	On	L1	19.6	17.2	46.0	
2.706000	27.2	5000.0	9.000	On	L1	19.6	18.8	46.0	
3.690000	26.2	5000.0	9.000	On	L1	19.6	19.8	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
0.366000	37.0	5000.0	9.000	On	L1	19.8	21.5	58.6	
0.478000	48.4	5000.0	9.000	On	L1	19.8	8.0	56.4	
0.794000	41.0	5000.0	9.000	On	L1	19.7	15.0	56.0	
1.738000	38.9	5000.0	9.000	On	L1	19.6	17.1	56.0	
2.778000	39.2	5000.0	9.000	On	L1	19.5	16.8	56.0	
3.794000	36.4	5000.0	9.000	On	L1	19.5	19.6	56.0	

**Final Result 2**

Frequency (MHz)	Average (dBuV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)	Comment
0.366000	26.6	5000.0	9.000	On	L1	19.8	21.9	48.6	
0.478000	37.2	5000.0	9.000	On	L1	19.8	9.2	46.4	
0.794000	30.5	5000.0	9.000	On	L1	19.7	15.5	46.0	
1.770000	28.4	5000.0	9.000	On	L1	19.6	17.6	46.0	
2.810000	27.7	5000.0	9.000	On	L1	19.5	18.3	46.0	
3.722000	26.2	5000.0	9.000	On	L1	19.5	19.8	46.0	

**USB 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
0.418000	37.4	5000.0	9.000	On	L1	19.7	20.1	57.5	
0.466000	44.6	5000.0	9.000	On	N	19.8	12.0	56.6	
1.170000	40.1	5000.0	9.000	On	L1	19.8	15.9	56.0	
1.438000	28.0	5000.0	9.000	On	L1	19.7	28.0	56.0	
2.130000	38.7	5000.0	9.000	On	L1	19.6	17.3	56.0	
4.986000	36.7	5000.0	9.000	On	N	19.5	19.3	56.0	

**Final Result 2**

Frequency (MHz)	Average (dBuV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)	Comment
0.274000	39.9	5000.0	9.000	On	L1	19.8	11.1	51.0	
0.466000	41.6	5000.0	9.000	On	N	19.8	5.0	46.6	
1.158000	31.6	5000.0	9.000	On	L1	19.8	14.4	46.0	
1.574000	30.2	5000.0	9.000	On	N	19.6	15.8	46.0	
2.326000	26.8	5000.0	9.000	On	N	19.7	19.2	46.0	
8.010000	37.9	5000.0	9.000	On	L1	19.7	12.1	50.0	

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