FCC PART 15B
TEST REPORT

No. I21Z62045-EMC01

for

TCL Communication Ltd.

5G NR/LTE/WCDMA/GSM mobile phone

Model name: T779W

FCC ID: 2ACCJN058

with

Hardware Version: 03

Software Version: 6E3Z

Issued Date: 2021-12-02

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
I21Z62045-EMC01	Rev.0	1st edition	2021-12-02

Note: the latest revision of the test report supersedes all previous version.

CONTENTS

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: 2021-11-19

Testing End Date: 2021-11-29

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

Company Name:	TCL Communication Ltd.
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Contact Person	Gong Zhizhou
Contact Email	zhizhou.gong@tcl.com
Telephone:	0086-755-36611722
Fax:	0086-755-36612000-81722

2.2. Manufacturer Information

Company Name:	TCL Communication Ltd.
Address:	5/F, Building 22E, 22 Science Park East Avenue, Hong Kong Science Park, Shatin, NT, Hong Kong
Contact Person	Gong Zhizhou
Contact Email	zhizhou.gong@tcl.com
Telephone:	0086-755-36611722
Fax:	0086-755-36612000-81722

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

3.1. About EUT

Description	5G NR/LTE/WCDMA/GSM mobile phone
Model Name	T779W
FCC ID:	2ACCJN058

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	016099000009211	03	6E3Z

*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	USB Cable	/	/
AE3	Charger	/	/
AE4	Charger	/	/
AE5	Headset	/	/

AE1

Model	TLp038E1
Manufacturer	BYD
Capacity	3880mAh
Nominal Voltage	3.87

AE2

Model	CDA0000128C1
Manufacturer	JUWEI
Length of cable	/

AE3

Model	QC13US
Manufacturer	BYD
Length of cable	/

AE4

Model	QC13US
Manufacturer	PUAN
Length of cable	/

AE5

Model	/
Manufacturer	/
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 + AE4	Charger2+MP4+WCDMA 850 idle
Set.3	EUT1 + AE1 + AE2 + AE3	Charger1+ Front Camera + LTE Band 5 idle
Set.4	EUT1 + AE1 + AE2 + AE5	USB+ FM+NR n71 idle

Note:

The device supports GSM/GPRS/EGPRS 850/900/1800/1900, UMTS FDD Bands 1/2/4/5/8; LTE FDD Bands 1/2/3/4/5/7/8/12/13/20/25/26/28/66/71, TDD bands 38/39/40/41, NR bands n25/41/66/71/77. It has WLAN (802.11a/b/g/n/ac, 802.11n supports 20MHz and 40MHz bandwidth,802.11ac supports 20MHz,40MHz and 80MHz bandwidth), Bluetooth (EDR, BLE) and GNSS (GPS&GLONASS&BDS& GALILEO) functions.

The device contains receivers which tune and operate between 30MHz-960MHz in the following bands: GSM850, WCDMA850, LTE Band 5/8/12/13/20/26/28/71, NR band 71. 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	ESU26	100235	R&S	2022-02-23	1 Year
2	LISN	ENV216	101200	R&S	2022-05-30	1 year
3	Universal Radio Communication Tester	CMW500	116588	R&S	2021-12-07	1 year
4	Test Receiver	ESCI 7	100344	R&S	2022-02-23	1 Year
5	EMI Antenna	VULB 9163	01223	Schwarzbeck	2022-03-22	1 year
6	EMI Antenna	3115	6914	ETS-Lindgren	2022-02-03	1 year
7	Signal Generator	SMBV100A	260613	R&S	2022-01-06	1 year

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 (μV/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:

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

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 dB, k=2.

Measurement results for Set.1:

Charing Mode/Average detector

Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17986.967	44.3	-29.1	46.7	26.7	54.0	9.7	V
17998.867	44.0	-29.1	46.7	26.4	54.0	10.0	V
17993.200	43.9	-29.1	46.7	26.3	54.0	10.1	V
17976.200	43.7	-29.1	46.7	26.1	54.0	10.3	V
17724.600	43.6	-29.7	45.2	28.0	54.0	10.4	V
17972.800	43.5	-29.1	46.7	25.9	54.0	10.5	V

Charging Mode/Peak detector

Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17933.133	53.3	-29.4	46.7	36.0	74.0	20.7	V
17975.067	53.2	-29.1	46.7	35.6	74.0	20.8	V
17233.300	53.1	-29.6	43.4	39.3	74.0	20.9	H
17973.367	53.1	-29.1	46.7	35.5	74.0	20.9	H
17974.500	53.0	-29.1	46.7	35.4	74.0	21.0	V
17946.733	53.0	-28.9	46.7	35.3	74.0	21.0	H

Measurement results for Set.2:

Charing Mode/Average detector

Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17957.500	44.6	-28.9	46.7	26.9	54.0	9.4	V
17996.033	44.2	-29.1	46.7	26.6	54.0	9.8	H
17953.533	43.9	-28.9	46.7	26.2	54.0	10.1	H
17988.100	43.9	-29.1	46.7	26.3	54.0	10.1	V
17978.467	43.6	-29.1	46.7	26.0	54.0	10.4	V
17990.933	43.6	-29.1	46.7	26.0	54.0	10.4	H

Charging Mode/Peak detector

Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17572.167	53.5	-29.8	45.2	38.0	74.0	20.5	H
17994.900	53.3	-29.1	46.7	35.7	74.0	20.7	H
17802.800	53.2	-29.6	46.0	36.9	74.0	20.8	H
17105.233	53.2	-29.4	42.4	40.2	74.0	20.8	V
17202.700	53.2	-29.5	42.4	40.3	74.0	20.8	V
17450.900	53.1	-29.9	44.4	38.6	74.0	20.9	H

Measurement results for Set.3:

Charging Mode/Average detector

Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17963.733	44.4	-29.1	46.7	26.8	54.0	9.6	V
17983.000	43.7	-29.1	46.7	26.1	54.0	10.3	H
17275.800	43.6	-29.7	43.4	30.0	54.0	10.4	V
17950.700	43.6	-28.9	46.7	25.9	54.0	10.4	V
17983.567	43.4	-29.1	46.7	25.8	54.0	10.6	H
17615.233	43.4	-29.5	45.2	27.7	54.0	10.6	H

Charging Mode/Peak detector

Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17947.300	53.6	-28.9	46.7	35.9	74.0	20.4	H
17943.333	53.4	-28.9	46.7	35.7	74.0	20.6	H
17947.867	53.3	-28.9	46.7	35.6	74.0	20.7	V
17833.967	53.1	-29.7	46.0	36.8	74.0	20.9	V
17465.633	53.0	-30.1	44.4	38.7	74.0	21.0	H
17928.600	52.8	-29.4	46.7	35.5	74.0	21.2	H

Measurement results for Set.4:

USB Mode/Average detector

Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17940.500	44.9	-28.9	46.7	27.2	54.0	9.1	V
17952.400	44.7	-28.9	46.7	27.0	54.0	9.3	H
17182.867	44.5	-29.5	42.4	31.6	54.0	9.5	V
17335.300	44.5	-29.7	43.4	30.8	54.0	9.5	V
17978.467	44.5	-29.1	46.7	26.9	54.0	9.5	V
17937.100	44.4	-29.4	46.7	27.1	54.0	9.6	V

USB Mode/Peak detector

Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17271.833	54.7	-29.7	43.4	41.1	74.0	19.3	V
17182.867	54.4	-29.5	42.4	41.5	74.0	19.6	H
17250.300	54.3	-30.0	43.4	41.0	74.0	19.7	V
17816.967	54.2	-29.6	46.0	37.9	74.0	19.8	V
17978.467	54.0	-29.1	46.7	36.4	74.0	20.0	V
17463.367	53.9	-30.1	44.4	39.6	74.0	20.1	V

Measurement results for Set.1:

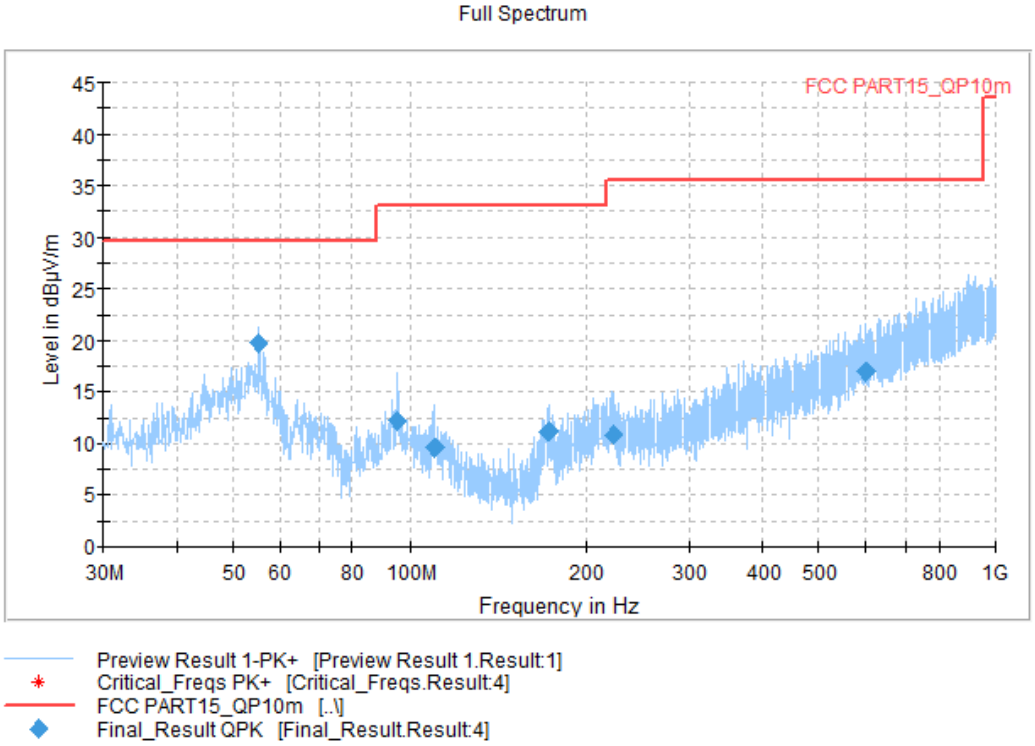

Fig A.1 Radiated Emission from 30MHz to 1GHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
55.317000	19.75	29.54	9.79	2000.0	120.000	125.0	V	300.0
95.378000	12.18	33.06	20.88	2000.0	120.000	282.0	V	171.0
110.316000	9.64	33.06	23.42	2000.0	120.000	225.0	V	120.0
172.299000	11.24	33.06	21.82	2000.0	120.000	101.0	V	151.0
222.254000	10.86	35.56	24.70	2000.0	120.000	101.0	V	99.0
602.009000	16.97	35.56	18.59	2000.0	120.000	125.0	V	60.0

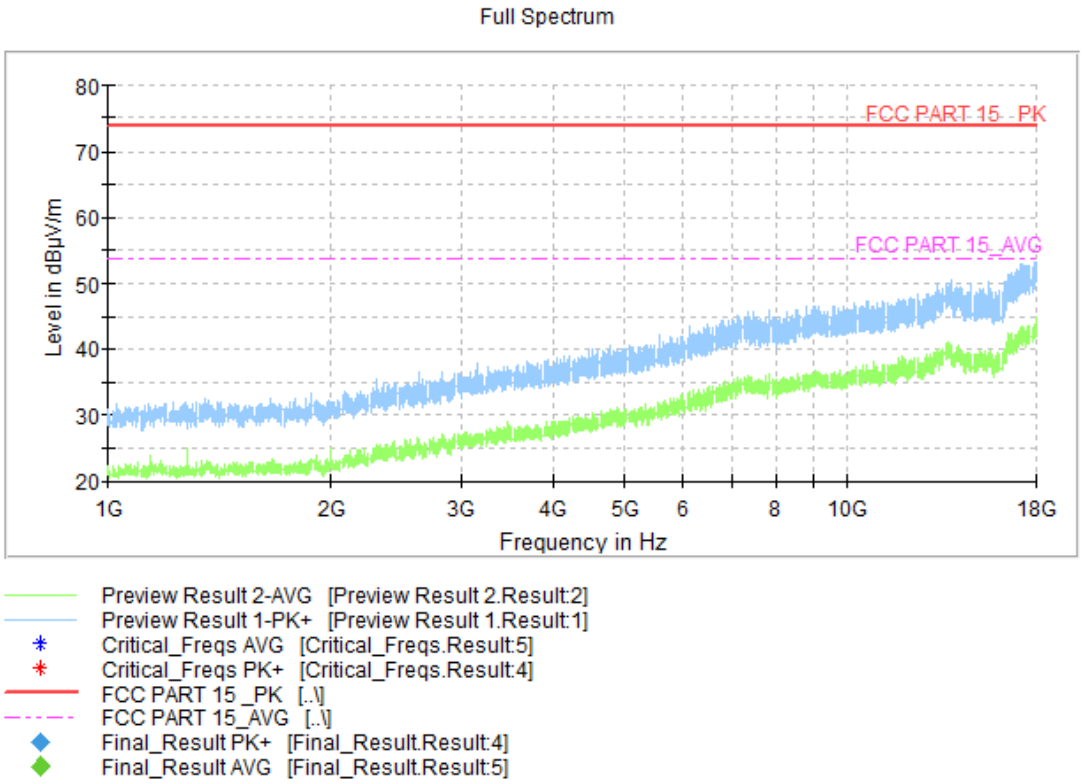

Fig A.2 Radiated Emission from 1GHz to 18GHz

Measurement results for Set.2:

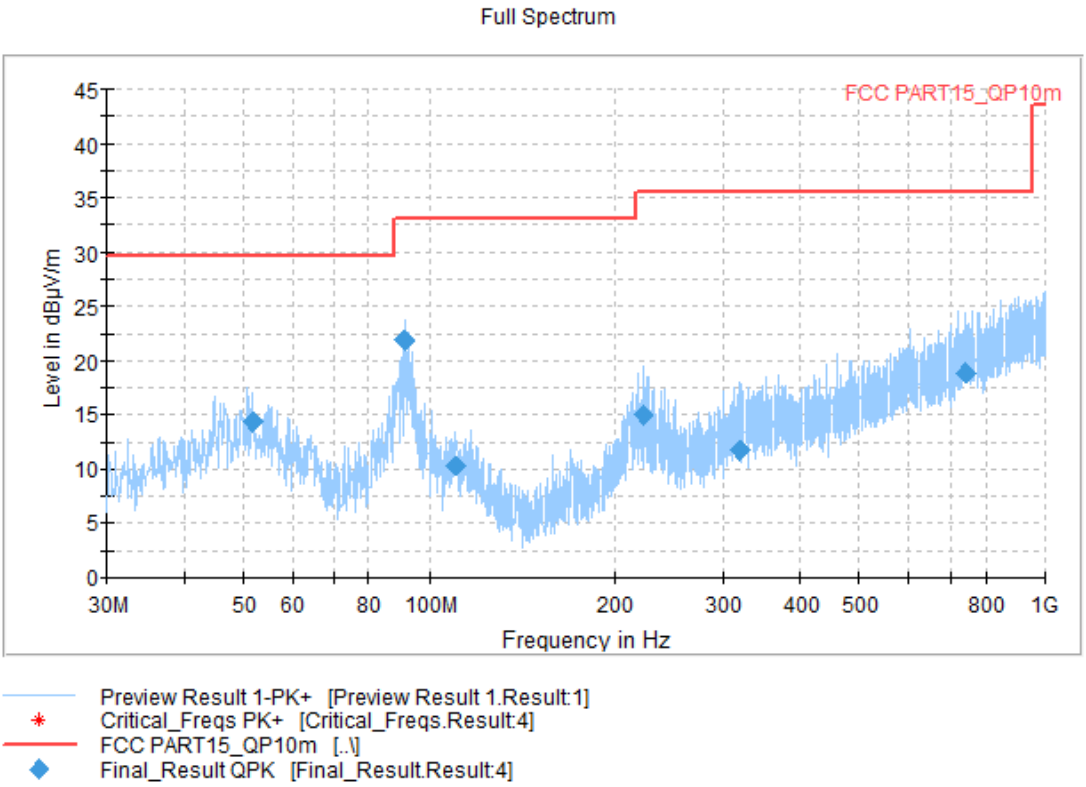

Fig A.3 Radiated Emission from 30MHz to 1GHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
51.825000	14.39	29.54	15.15	2000.0	120.000	108.0	V	280.0
91.110000	21.90	33.06	11.16	2000.0	120.000	118.0	V	260.0
110.801000	10.41	33.06	22.65	2000.0	120.000	182.0	V	210.0
222.642000	15.10	35.56	20.46	2000.0	120.000	175.0	V	150.0
320.709000	11.70	35.56	23.86	2000.0	120.000	100.0	V	241.0
744.890000	18.98	35.56	16.58	2000.0	120.000	107.0	V	60.0

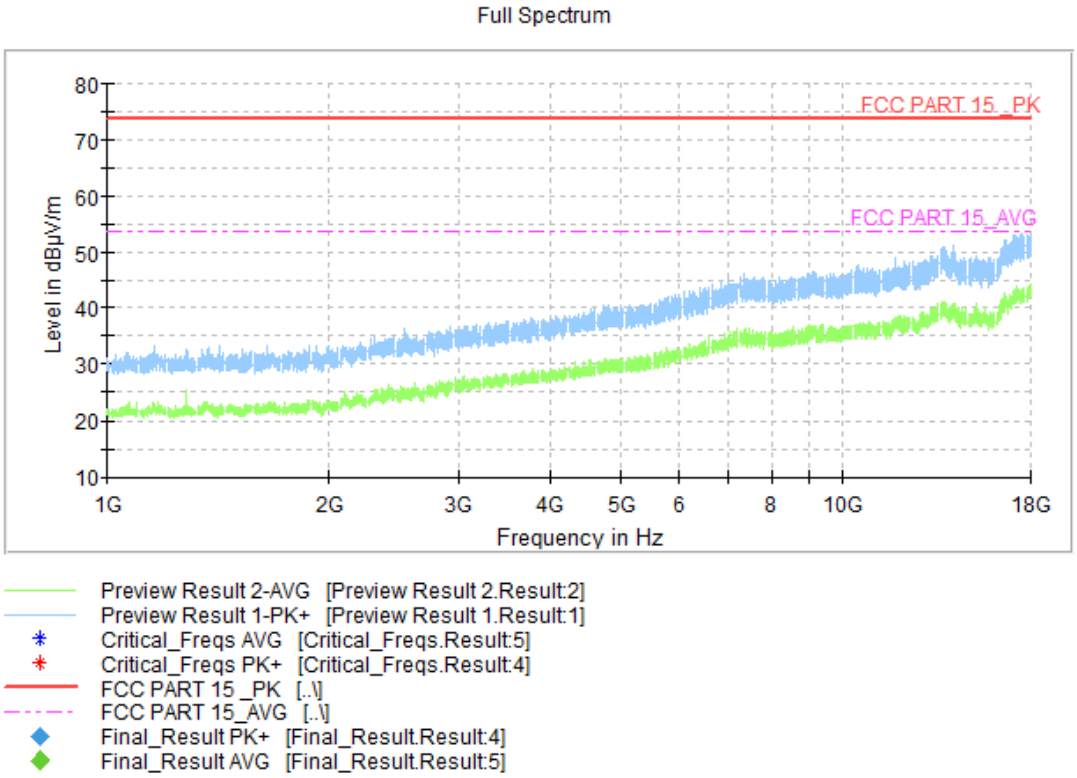

Fig A.4 Radiated Emission from 1GHz to 18GHz

Measurement results for Set.3:

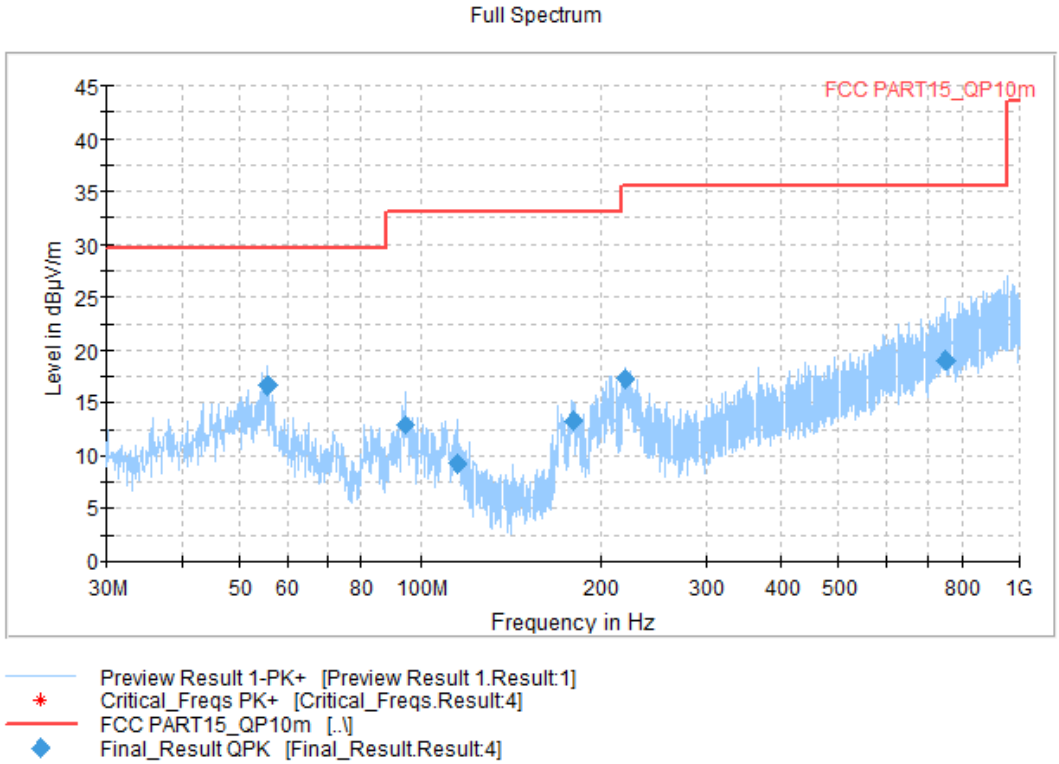

Fig A.5 Radiated Emission from 30MHz to 1GHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
55.414000	16.65	29.54	12.89	2000.0	120.000	118.0	V	300.0
94.505000	12.97	33.06	20.09	2000.0	120.000	118.0	V	-30.0
114.875000	9.33	33.06	23.73	2000.0	120.000	294.0	V	240.0
180.350000	13.23	33.06	19.83	2000.0	120.000	276.0	V	151.0
219.344000	17.34	35.56	18.22	2000.0	120.000	100.0	V	150.0
753.426000	19.00	35.56	16.56	2000.0	120.000	182.0	V	241.0

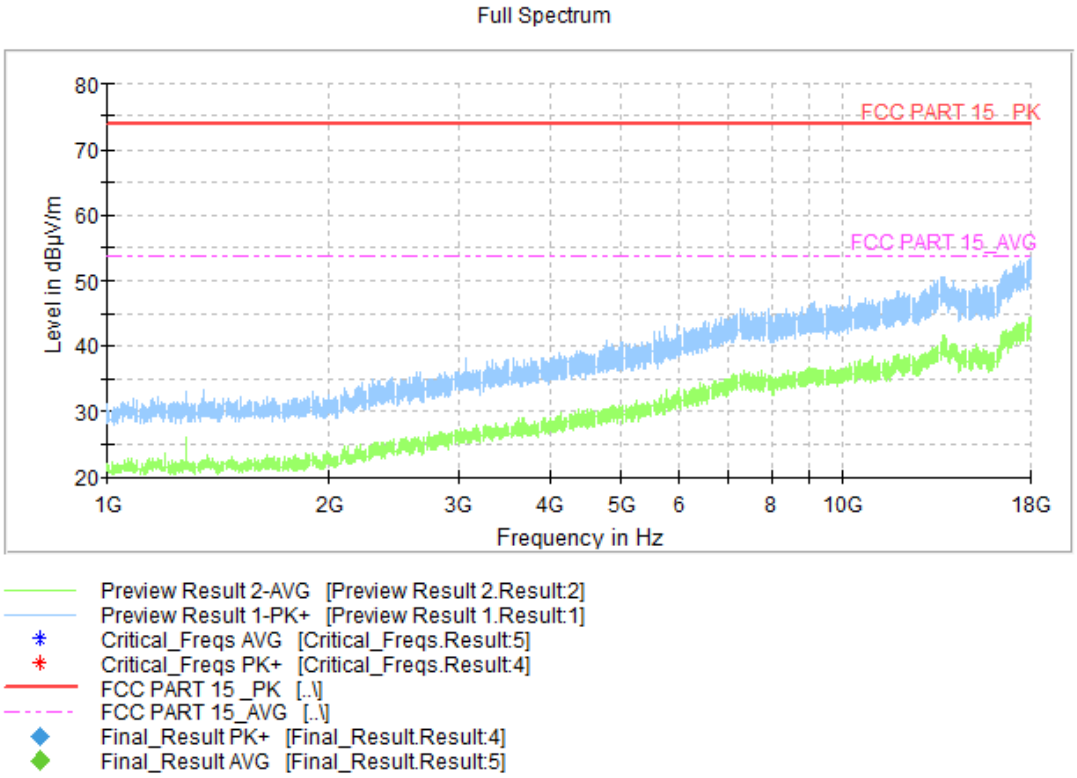

Fig A.6 Radiated Emission from 1GHz to 18GHz

Measurement results for Set.4:

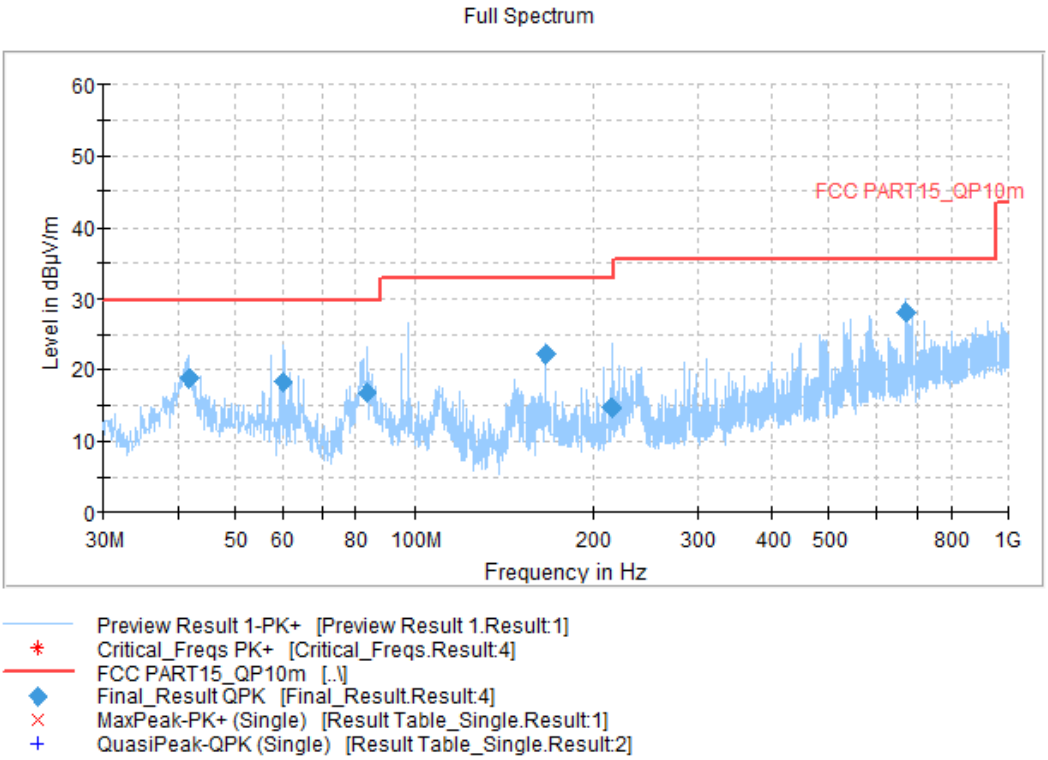

Fig A.7 Radiated Emission from 30MHz to 1GHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
41.737000	18.68	29.54	10.86	2000.0	120.000	275.0	V	210.0
60.264000	18.20	29.54	11.34	2000.0	120.000	276.0	V	30.0
83.447000	16.72	29.54	12.82	2000.0	120.000	325.0	V	241.0
166.867000	22.02	33.06	11.04	2000.0	120.000	100.0	V	62.0
214.591000	14.76	33.06	18.30	2000.0	120.000	100.0	V	170.0
674.371000	28.04	35.56	7.52	2000.0	120.000	176.0	V	-28.0

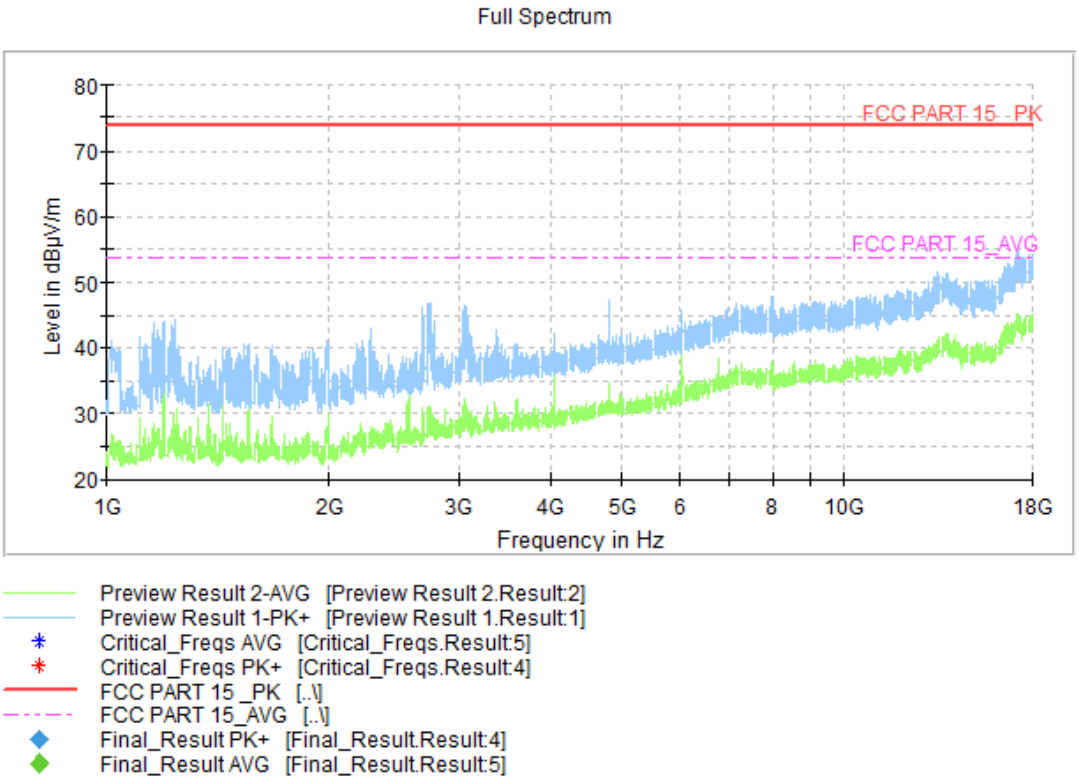

Fig A.8 Radiated Emission from 1GHz to 18GHz

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 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 (dBμV)	
	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 dB, *k*=2.

Charging Mode, Set.1:

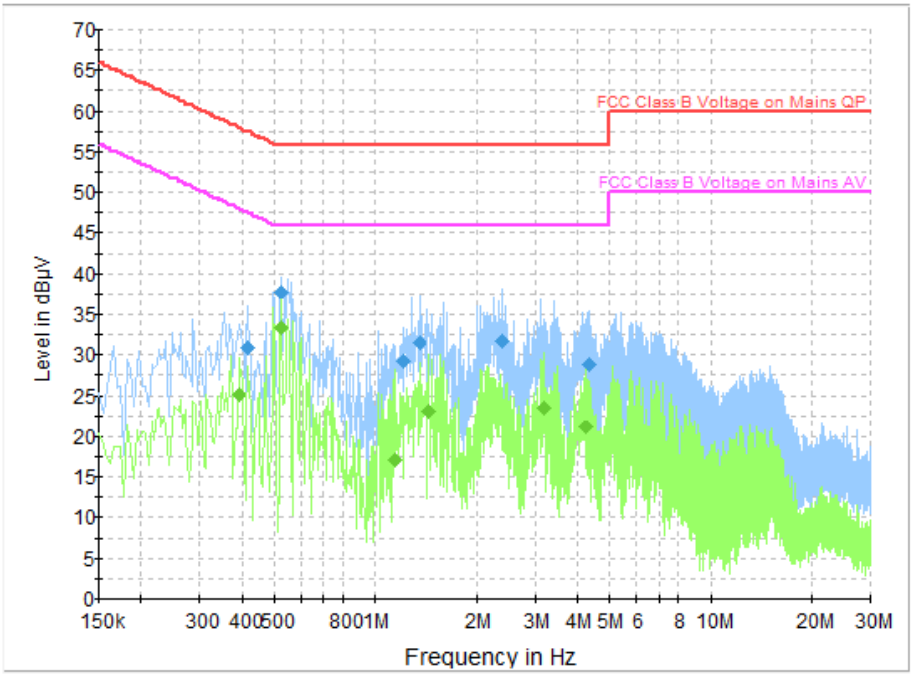

Fig A.9 Conducted Emission from 150kHz to 30MHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBuV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)	Comment
0.418000	30.8	2000.0	9.000	On	N	19.9	26.7	57.5	
0.522000	37.7	2000.0	9.000	On	L1	19.9	18.3	56.0	
1.214000	29.2	2000.0	9.000	On	N	19.8	26.8	56.0	
1.346000	31.5	2000.0	9.000	On	N	19.8	24.5	56.0	
2.390000	31.7	2000.0	9.000	On	N	19.8	24.3	56.0	
4.366000	29.0	2000.0	9.000	On	N	19.7	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
0.390000	25.1	2000.0	9.000	On	L1	19.9	23.0	48.1	
0.522000	33.3	2000.0	9.000	On	L1	19.9	12.7	46.0	
1.146000	17.2	2000.0	9.000	On	L1	19.5	28.8	46.0	
1.442000	23.1	2000.0	9.000	On	L1	19.5	22.9	46.0	
3.186000	23.5	2000.0	9.000	On	L1	19.5	22.5	46.0	
4.230000	21.1	2000.0	9.000	On	L1	19.6	24.9	46.0	

Charging Mode, Set.2:

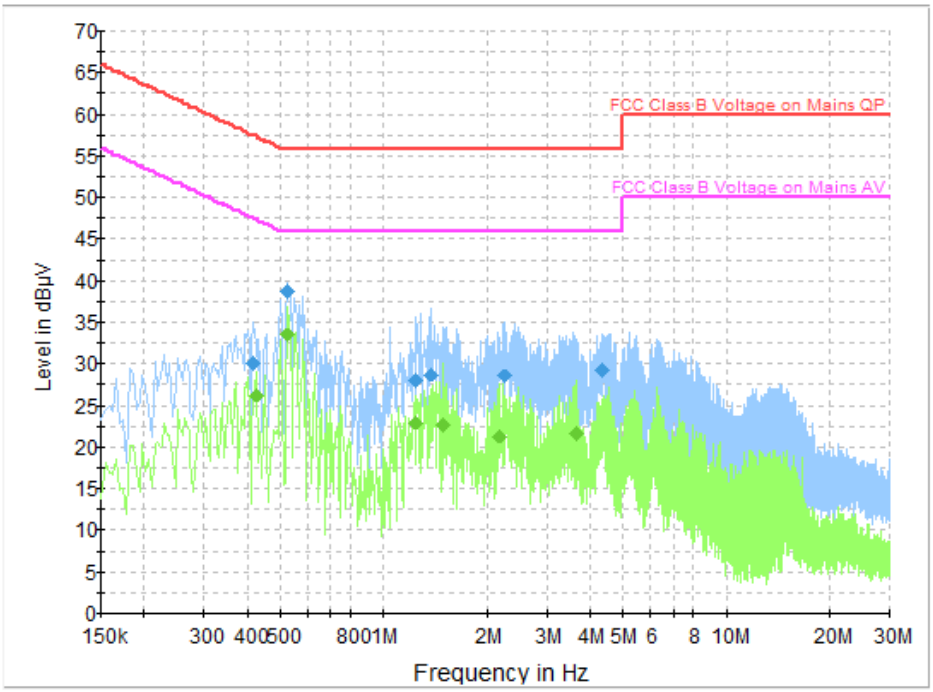

Fig A.10 Conducted Emission from 150kHz to 30MHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBuV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)	Comment
0.418000	30.1	2000.0	9.000	On	N	19.9	27.4	57.5	
0.526000	38.8	2000.0	9.000	On	L1	19.9	17.2	56.0	
1.246000	28.0	2000.0	9.000	On	N	19.8	28.0	56.0	
1.378000	28.8	2000.0	9.000	On	N	19.8	27.2	56.0	
2.258000	28.6	2000.0	9.000	On	N	19.7	27.4	56.0	
4.342000	29.3	2000.0	9.000	On	L1	19.6	26.7	56.0	

Final Result 2

Frequency (MHz)	Average (dBuV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)	Comment
0.426000	26.2	2000.0	9.000	On	L1	19.9	21.1	47.3	
0.526000	33.5	2000.0	9.000	On	L1	19.9	12.5	46.0	
1.246000	23.0	2000.0	9.000	On	L1	19.5	23.0	46.0	
1.498000	22.6	2000.0	9.000	On	L1	19.5	23.4	46.0	
2.186000	21.2	2000.0	9.000	On	N	19.7	24.8	46.0	
3.642000	21.6	2000.0	9.000	On	L1	19.5	24.4	46.0	

Charging Mode, Set.3:

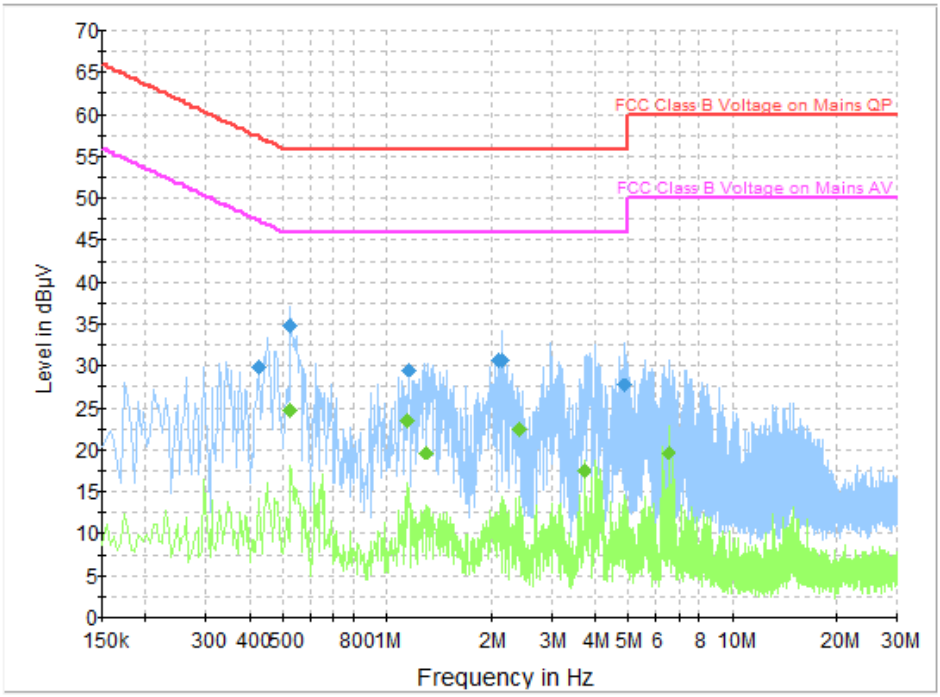

Fig A.11 Conducted Emission from 150kHz to 30MHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBuV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)	Comment
0.426000	29.8	2000.0	9.000	On	N	19.9	27.5	57.3	
0.526000	34.8	2000.0	9.000	On	N	20.0	21.2	56.0	
1.154000	29.6	2000.0	9.000	On	N	19.8	26.4	56.0	
2.098000	30.7	2000.0	9.000	On	N	19.8	25.3	56.0	
2.158000	30.7	2000.0	9.000	On	N	19.7	25.3	56.0	
4.866000	27.8	2000.0	9.000	On	N	19.8	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
0.526000	24.8	2000.0	9.000	On	N	20.0	21.2	46.0	
1.142000	23.4	2000.0	9.000	On	L1	19.5	22.6	46.0	
1.306000	19.7	2000.0	9.000	On	L1	19.5	26.3	46.0	
2.422000	22.4	2000.0	9.000	On	L1	19.5	23.6	46.0	
3.726000	17.5	2000.0	9.000	On	N	19.7	28.5	46.0	
6.502000	19.7	2000.0	9.000	On	L1	19.5	30.3	50.0	

USB Mode, Set.4:

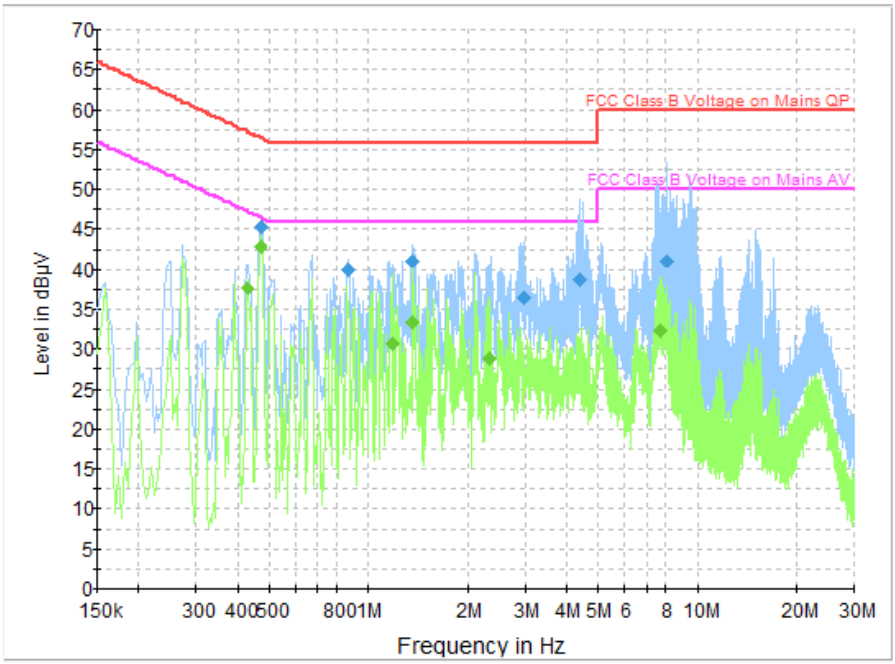

Fig A.12 Conducted Emission from 150kHz to 30MHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBuV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)	Comment
0.474000	45.4	2000.0	9.000	On	N	20.0	11.1	56.4	
0.870000	40.0	2000.0	9.000	On	N	19.8	16.0	56.0	
1.358000	41.1	2000.0	9.000	On	L1	19.5	14.9	56.0	
2.970000	36.5	2000.0	9.000	On	N	19.7	19.5	56.0	
4.370000	38.7	2000.0	9.000	On	N	19.7	17.3	56.0	
8.022000	41.0	2000.0	9.000	On	N	19.7	19.0	60.0	

Final Result 2

Frequency (MHz)	Average (dBuV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)	Comment
0.430000	37.6	2000.0	9.000	On	L1	19.9	9.6	47.3	
0.470000	42.9	2000.0	9.000	On	N	20.0	3.6	46.5	
1.186000	30.7	2000.0	9.000	On	N	19.8	15.3	46.0	
1.362000	33.3	2000.0	9.000	On	N	19.8	12.7	46.0	
2.330000	28.8	2000.0	9.000	On	L1	19.5	17.2	46.0	
7.674000	32.4	2000.0	9.000	On	N	19.7	17.6	50.0	

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