



TEST REPORT

No. I17Z60545-EMC01

for

TCL Communication Ltd.

LTE / UMTS / GSM mobile phone

Model Name: 5049G/5149G

FCC ID: 2ACCJH075

with

Hardware Version: PIO

Software Version: v7L1H

Issued Date: 2017-05-08

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.

Test Laboratory:

FCC 2.948 Listed: No. 525429

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REPORT HISTORY

| Report Number | Revision | Description | Issue Date |
|----------------------|-----------------|--------------------|-------------------|
| I17Z60545-EMC01 | Rev.0 | 1st edition | 2017-05-08 |

CONTENTS

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

1. Test Laboratory

1.1. Testing Location

CTTL(Huayuan North Road)

Address: No. 52, Huayuan North Road, Haidian District, Beijing, P. R. China100191

1.2. Testing Environment

Normal Temperature: 15-35°C

Relative Humidity: 20-75%

1.3. Project data

Testing Start Date: 2016-12-05

Testing End Date: 2017-05-04

1.4. Signature



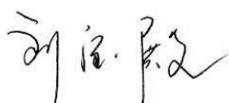
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2. Client Information

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2.2. Manufacturer Information

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Contact Person: Gong Zhizhou
Contact Email zhizhou.gong@tcl.com
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Fax: 0086-21-61460602

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

3.1. About EUT

| | |
|---------------------|------------------------------------|
| Description | LTE / UMTS / GSM mobile phone |
| Model Name | 5049G/5149G |
| FCC ID | 2ACCJH075 |
| Extreme vol. Limits | 3.5VDC to 4.2VDC (nominal: 3.8VDC) |

Note: Components list, please refer to documents of the manufacturer; it is also included in the original test record of Telecommunication Metrology Center of MIIT of People's Republic of China.

3.2. Internal Identification of EUT used during the test

| EUT ID* | SN or IMEI | HW Version | SW Version |
|---------|-----------------|------------|------------|
| EUT1 | 014917000003854 | PIO | v7L1H |

*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 | / | 16TCT-BA-1280 |
| AE2 | Battery | / | 16TCT-BA-1269 |
| AE8 | USB Cable | / | 15TCT-DC-0208 |
| AE10 | USB Cable | / | 16TCT-DC-0459 |
| AE23 | Travel charger | / | 17TCT-CH-0251 |
| AE24 | Travel charger | / | 17TCT-CH-0279 |

AE1

| | |
|-----------------|--------------|
| Model | CAC2900001C1 |
| Manufacturer | BYD |
| Capacitance | 2900mAh |
| Nominal voltage | 3.85V |

AE2

| | |
|-----------------|--------------|
| Model | CAC2900003CC |
| Manufacturer | HYPERPOWER |
| Capacitance | 2900mAh |
| Nominal voltage | 3.85V |

AE8

| | |
|-----------------|--------------|
| Model | CDA3122005C2 |
| Manufacturer | SHENHUA |
| Length of cable | / |

AE10

| | |
|-----------------|--------------|
| Model | CDA3122005C8 |
| Manufacturer | PUAN |
| Length of cable | / |

AE23

Model CBA0058AGAC2
Manufacturer TEN PAO
Length of cable /

AE24

Model CBA0058AGAC4
Manufacturer Aohai
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.7 | EUT1 + AE1 + AE8 | USB mode |
| Set.8 | EUT1 + AE1 + AE10 | USB mode |
| Set.9 | EUT1 + AE1 + AE8 + AE23 | Charging mode |
| Set.10 | EUT1 + AE1 + AE8 + AE24 | Charging mode |

Note:

The LTE / UMTS / GSM mobile phone 5049G/5149G manufactured by TCL Communication Ltd. is a variant model based on 5044O for conformance test.

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 | 2015 |
| ANSI C63.4 | 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 used have no deviation with standards above.

5. LABORATORY ENVIRONMENT

Semi-anechoic chamber SAC-2 (10.0m x 6.7m x 6.15m) 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, 3 m distance |
| Site voltage standing-wave ratio (SvSWR) | Between 0 and 6 dB, from 1GHz to 6GHz |
| 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 | |
| Location Column | 1 | The test is performed in test location 1 which are described in section 1.1 of this report | |

| Clause | List | Clause in FCC rules | Verdict | Location |
|--------|--------------------|---------------------|---------|----------|
| 1 | Radiated Emission | 15.109(a) | P | 1 |
| 2 | Conducted Emission | 15.107(a) | P | 1 |

7. Test Equipments Utilized

| NO. | DESCRIPTION | TYPE | SERIES NUMBER | MANUFACTURE | CAL DUE DATE | CALIBRATION INTERVAL |
|-----|---|--------------|---------------|--------------|--------------|----------------------|
| 1 | Test Receiver | ESCI | 100344 | R&S | 2018-02-15 | 1 year |
| 2 | Test Receiver | ESU26 | 100235 | R&S | 2018-03-01 | 1 year |
| 3 | Universal Radio Communication Tester | CMW500 | 116588 | R&S | 2017-12-01 | 1 year |
| 4 | Universal Radio Communication Tester | CMW500 | 143008 | R&S | 2017-12-01 | 1 year |
| 5 | LISN | ENV216 | 101200 | R&S | 2017-07-10 | 1 year |
| 6 | EMI Antenna | VULB 9163 | 9163-301 | Schwarzbeck | 2017-12-16 | 3 years |
| 7 | EMI Antenna | 3115 | 6914 | ETS-Lindgren | 2017-12-15 | 3 years |

Test Software Utilized

| 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 (§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(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 (μ 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:

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

Where

G_A : Antenna factor of receive antenna

G_{PL} : Path Loss

P_{Mea} : Measurement result on receiver.

Measurement uncertainty (worst case):

30MHz-1GHz: $U = 4.86 \text{ dB}$, $k=2$,

1GHz-18GHz: $U = 5.26 \text{ dB}$, $k=2$

Measurement results for Set.7

USB Mode/Average detector

| Frequency(MHz) | Result(dB μ V/m) | G_{PL} (dB) | G_A (dB/m) | P_{Mea} (dB μ V) | Polarity |
|----------------|----------------------|---------------|--------------|-------------------------------|----------|
| 17947.300 | 44.4 | -17.7 | 45.6 | 16.500 | H |
| 17938.233 | 44.4 | -17.7 | 45.6 | 16.500 | H |
| 17950.133 | 44.3 | -17.7 | 45.6 | 16.400 | V |
| 17954.100 | 44.2 | -17.7 | 45.6 | 16.300 | H |
| 17865.700 | 44.2 | -18.5 | 45.6 | 17.100 | H |
| 17933.133 | 44.2 | -17.7 | 45.6 | 16.300 | H |

USB Mode/Peak detector

| Frequency(MHz) | Result(dB μ V/m) | G_{PL} (dB) | G_A (dB/m) | P_{Mea} (dB μ V) | Polarity |
|----------------|----------------------|---------------|--------------|-------------------------------|----------|
| 17958.633 | 56.8 | -17.7 | 45.6 | 28.900 | H |
| 17911.600 | 56.3 | -18.5 | 45.6 | 29.200 | H |
| 17759.733 | 55.7 | -18.5 | 45.6 | 28.600 | V |
| 17903.100 | 55.5 | -18.5 | 45.6 | 28.400 | H |
| 17908.200 | 55.4 | -18.5 | 45.6 | 28.300 | H |
| 17945.033 | 55.4 | -17.7 | 45.6 | 27.500 | H |

Measurement results for Set.8:

USB Mode/Average detector

| Frequency(MHz) | Result(dB μ V/m) | G_{PL} (dB) | G_A (dB/m) | P_{Mea} (dB μ V) | Polarity |
|----------------|----------------------|---------------|--------------|-------------------------------|----------|
| 17953.533 | 44.2 | -17.7 | 45.6 | 16.300 | H |
| 17934.267 | 44.2 | -17.7 | 45.6 | 16.300 | H |
| 17960.333 | 44.2 | -17.7 | 45.6 | 16.300 | V |
| 17942.767 | 44.1 | -17.7 | 45.6 | 16.200 | H |
| 17946.733 | 44.1 | -17.7 | 45.6 | 16.200 | H |
| 17952.967 | 44.1 | -17.7 | 45.6 | 16.200 | H |

USB Mode/Peak detector

| Frequency(MHz) | Result(dB μ V/m) | G _{PL} (dB) | G _A (dB/m) | P _{Mea} (dB μ V) | Polarity |
|----------------|----------------------|----------------------|-----------------------|-------------------------------|----------|
| 17912.167 | 56.0 | -18.5 | 45.6 | 28.900 | H |
| 17925.767 | 55.8 | -17.7 | 45.6 | 27.900 | H |
| 17871.367 | 55.6 | -18.5 | 45.6 | 28.500 | V |
| 17984.700 | 55.6 | -17.7 | 45.6 | 27.700 | H |
| 17956.367 | 55.6 | -17.7 | 45.6 | 27.700 | H |
| 17963.733 | 55.5 | -17.7 | 45.6 | 27.600 | H |

Measurement results for Set.9:
Charging Mode/Average detector

| Frequency(MHz) | Result(dB μ V/m) | G _{PL} (dB) | G _A (dB/m) | P _{Mea} (dB μ V) | Polarity |
|----------------|----------------------|----------------------|-----------------------|-------------------------------|----------|
| 17988.667 | 44.2 | -17.7 | 45.6 | 16.300 | H |
| 17943.900 | 44.1 | -17.7 | 45.6 | 16.200 | H |
| 17905.933 | 44.1 | -18.5 | 45.6 | 17.000 | V |
| 17946.733 | 44.0 | -17.7 | 45.6 | 16.100 | H |
| 17924.633 | 44.0 | -17.7 | 45.6 | 16.100 | H |
| 17932.000 | 44.0 | -17.7 | 45.6 | 16.100 | H |

Charging Mode/Peak detector

| Frequency(MHz) | Result(dB μ V/m) | G _{PL} (dB) | G _A (dB/m) | P _{Mea} (dB μ V) | Polarity |
|----------------|----------------------|----------------------|-----------------------|-------------------------------|----------|
| 17957.500 | 55.7 | -17.7 | 45.6 | 27.800 | H |
| 17801.667 | 55.5 | -18.5 | 45.6 | 28.400 | H |
| 17950.700 | 55.3 | -17.7 | 45.6 | 27.400 | V |
| 17937.667 | 55.3 | -17.7 | 45.6 | 27.400 | H |
| 17962.033 | 55.2 | -17.7 | 45.6 | 27.300 | H |
| 17873.633 | 55.1 | -18.5 | 45.6 | 28.000 | H |

Measurement results for Set.10:
Charging Mode/Average detector

| Frequency(MHz) | Result(dB μ V/m) | G _{PL} (dB) | G _A (dB/m) | P _{Mea} (dB μ V) | Polarity |
|----------------|----------------------|----------------------|-----------------------|-------------------------------|----------|
| 17642.250 | 47.9 | -13.0 | 41.1 | 19.892 | V |
| 17577.000 | 47.9 | -13.6 | 41.1 | 20.385 | H |
| 17623.500 | 47.9 | -13.1 | 41.1 | 19.880 | V |
| 17639.250 | 47.9 | -13.0 | 41.1 | 19.784 | H |
| 17285.250 | 47.8 | -13.9 | 41.2 | 20.544 | V |
| 17637.000 | 47.8 | -13.0 | 41.1 | 19.734 | H |

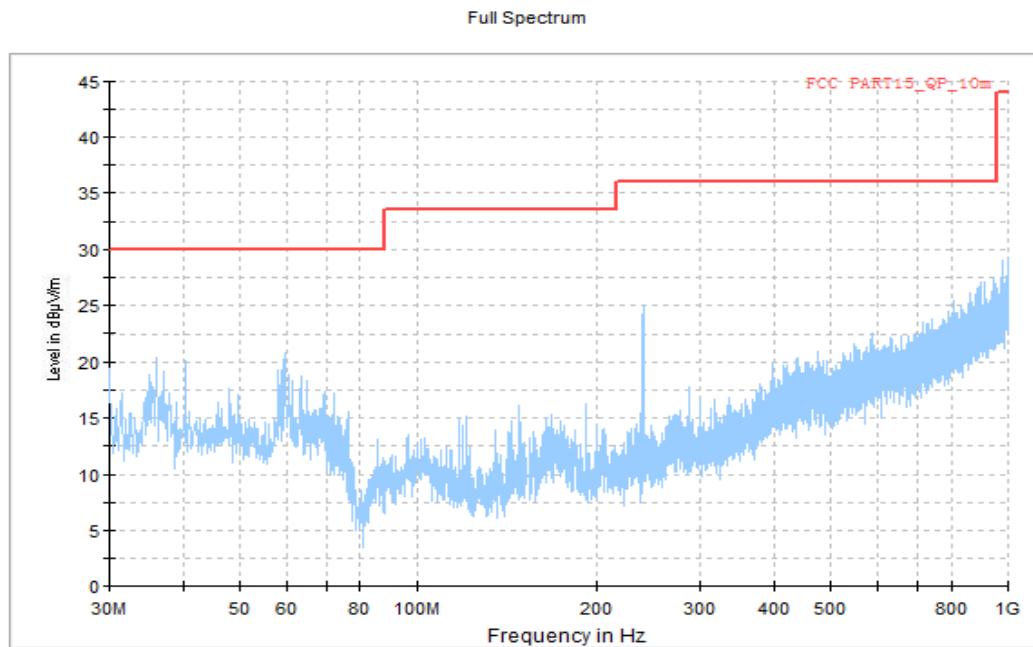
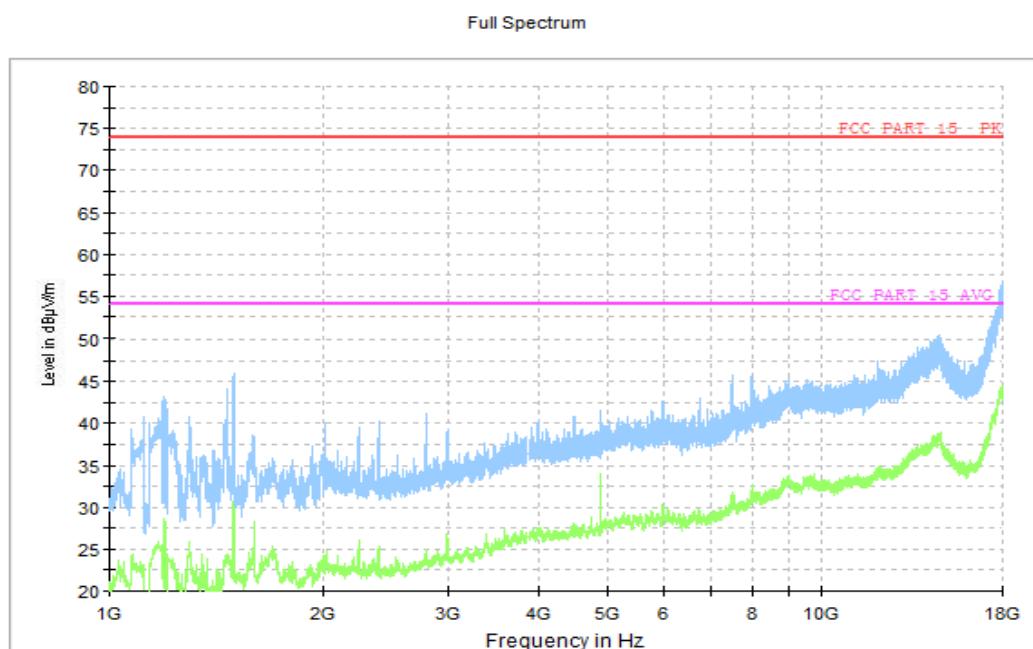
Charging Mode/Peak detector

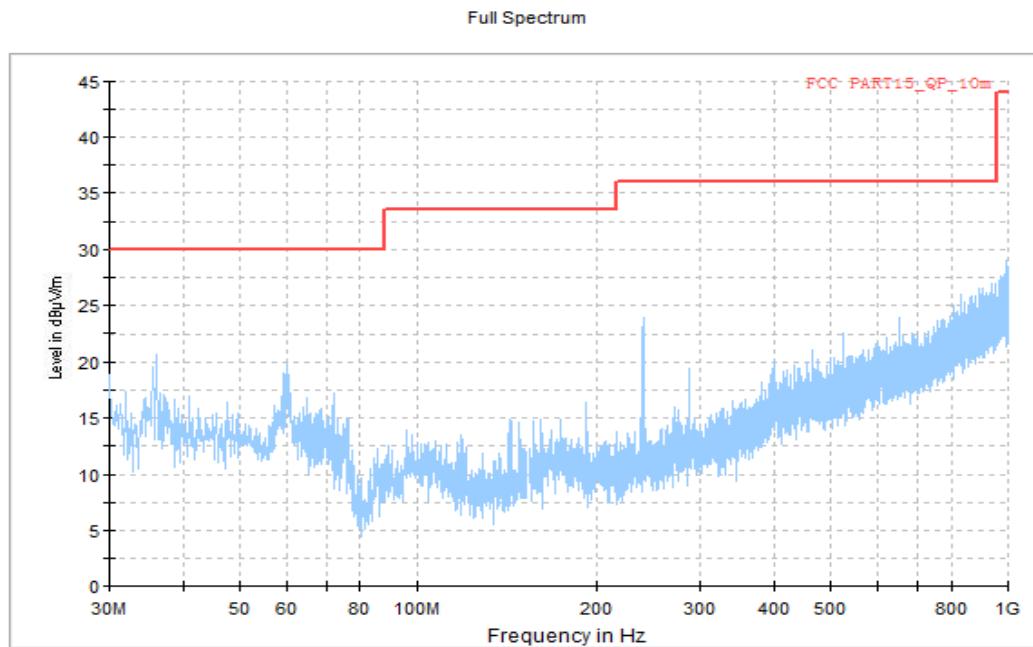
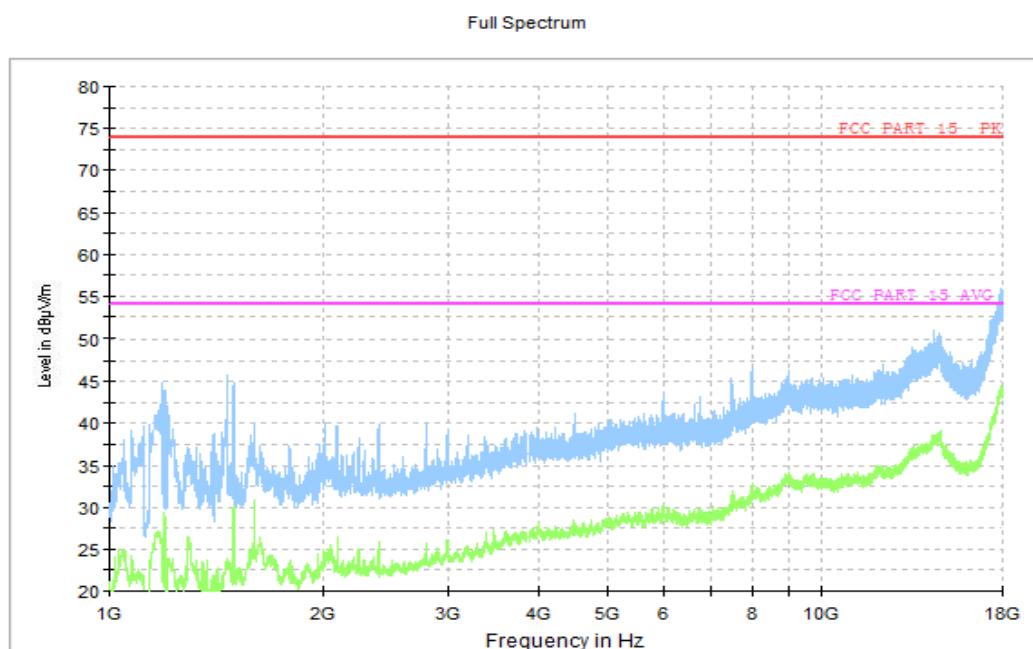
| Frequency(MHz) | Result(dB μ V/m) | G _{PL} (dB) | G _A (dB/m) | P _{Mea} (dB μ V) | Polarity |
|----------------|----------------------|----------------------|-----------------------|-------------------------------|----------|
| 17629.500 | 59.7 | -13.0 | 41.1 | 31.601 | H |
| 17943.750 | 59.5 | -13.6 | 40.8 | 32.280 | H |

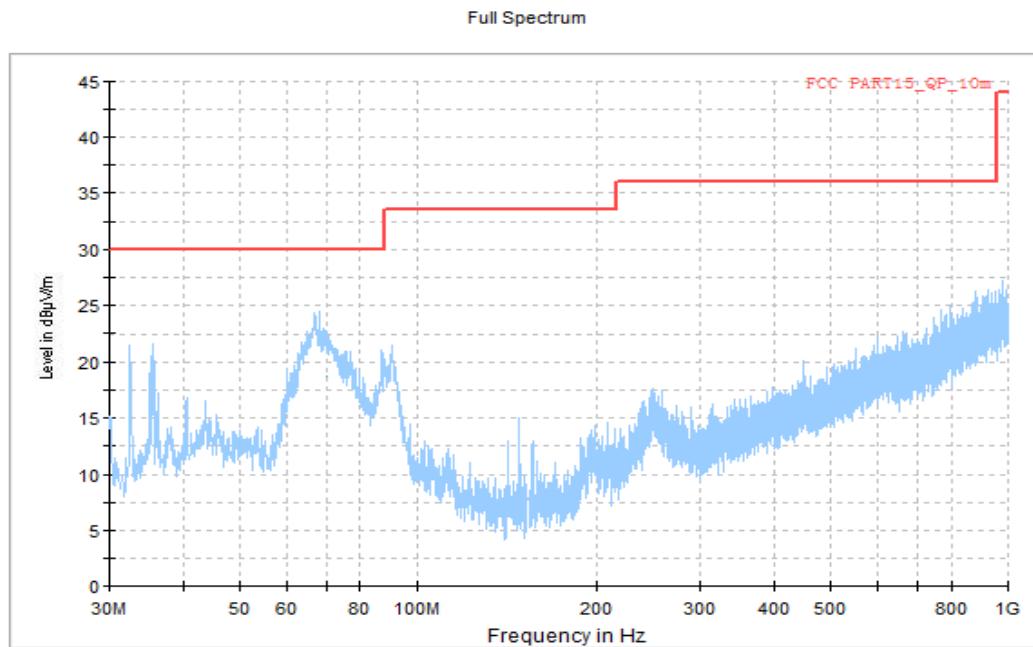
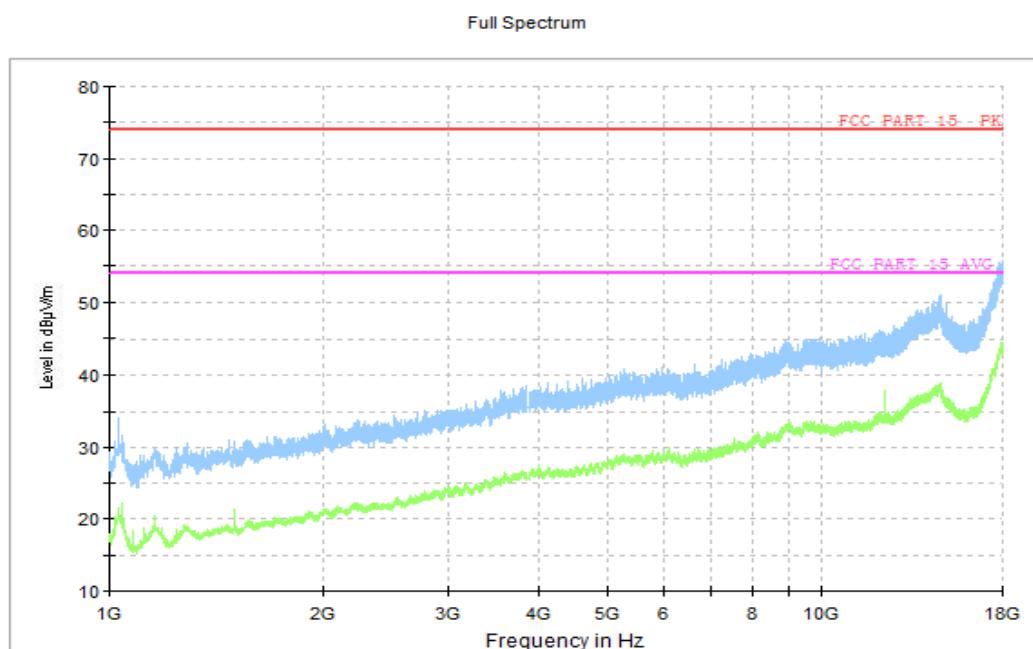
| | | | | | |
|-----------|------|-------|------|--------|---|
| 17588.250 | 59.5 | -13.5 | 41.1 | 31.822 | V |
| 17577.000 | 59.4 | -13.6 | 41.1 | 31.843 | V |
| 17229.750 | 59.3 | -14.3 | 41.2 | 32.414 | H |
| 17513.250 | 59.2 | -14.3 | 41.2 | 32.338 | V |

Sample calculation: Average detector , 17642.250MHz

Result = $P_{Mea} + A_{Rpl} = P_{Mea}(19.892 \text{ dBuV}) + G_A (41.1 \text{ dB/m}) + G_{PL} (-13.0 \text{ dB}) = 47.9 \text{ dBuV/m}$

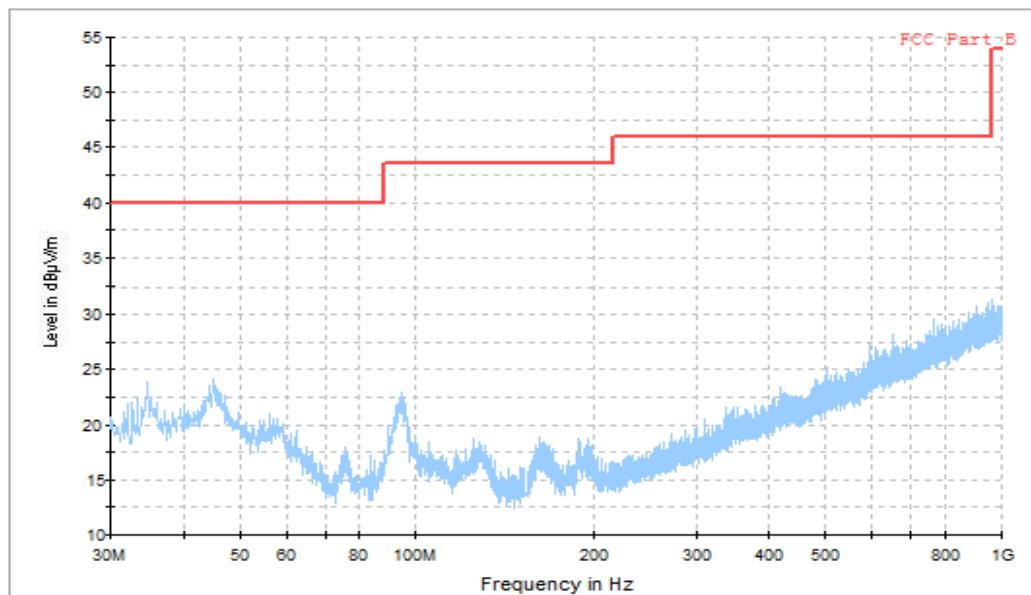
USB Mode, Set.7**Fig.1 Radiated Emission from 30MHz to 1GHz****Fig.2 Radiated Emission from 1GHz to 18GHz**

USB Mode, Set.8**Fig.3 Radiated Emission from 30MHz to 1GHz****Fig.4 Radiated Emission from 1GHz to 18GHz**

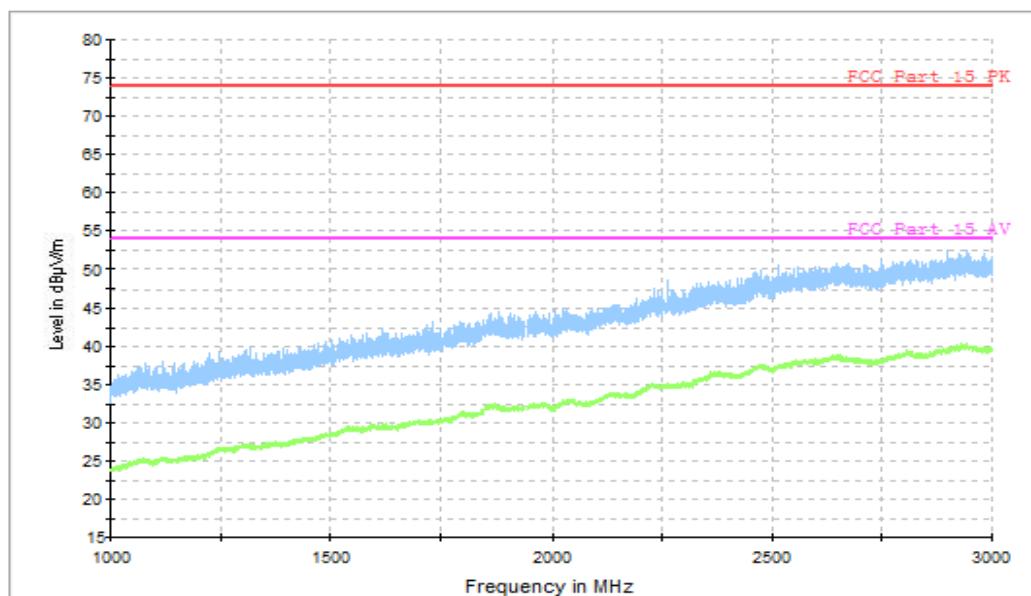
Charging Mode, Set.9**Fig.5 Radiated Emission from 30MHz to 1GHz****Fig.6 Radiated Emission from 1GHz to 18GHz**

Charging Mode, Set.10

15B RE 30MHz-1GHz

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

15B RE - 1GHz-3GHz

**Fig.8 Radiated Emission from 1GHz to 3GHz**

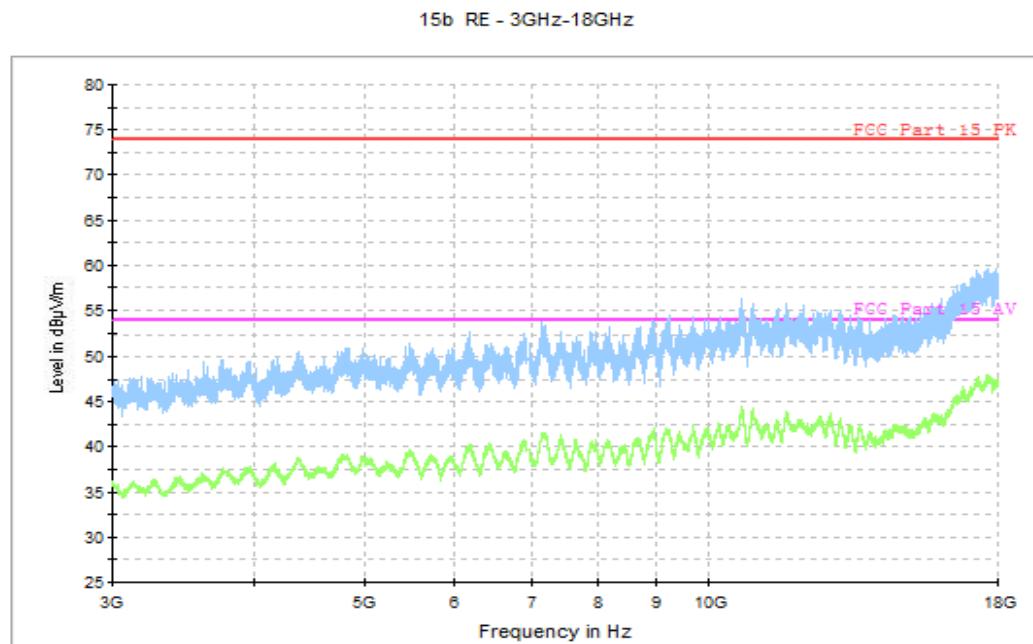


Fig.9 Radiated Emission from 3GHz to 18GHz

A.2 Conducted Emission (§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 7.2.

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 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: $U = 3.38 \text{ dB}$, $k=2$.

Charging Mode, Set.7

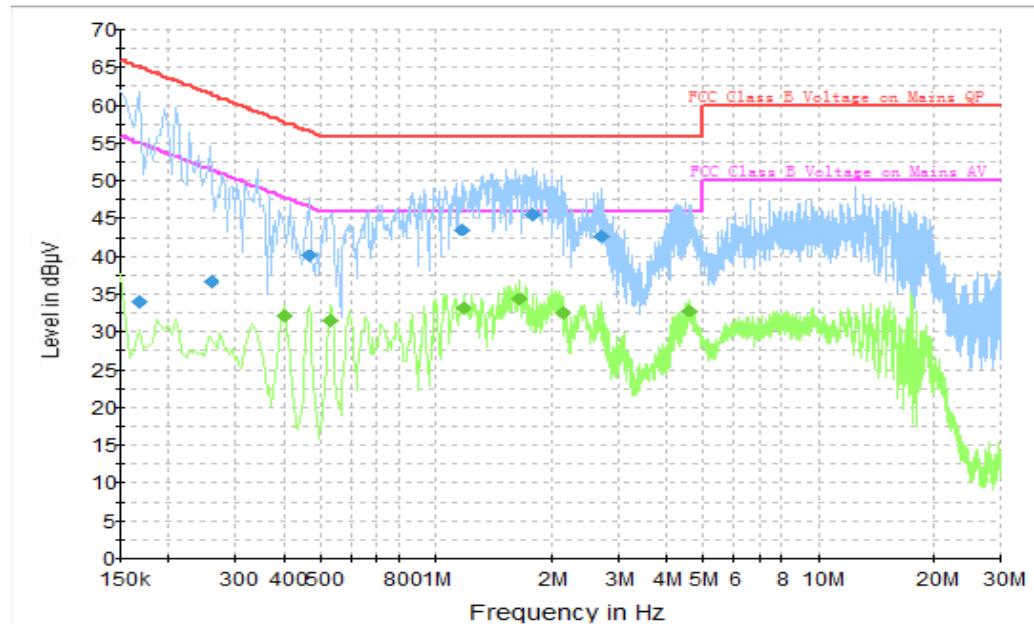


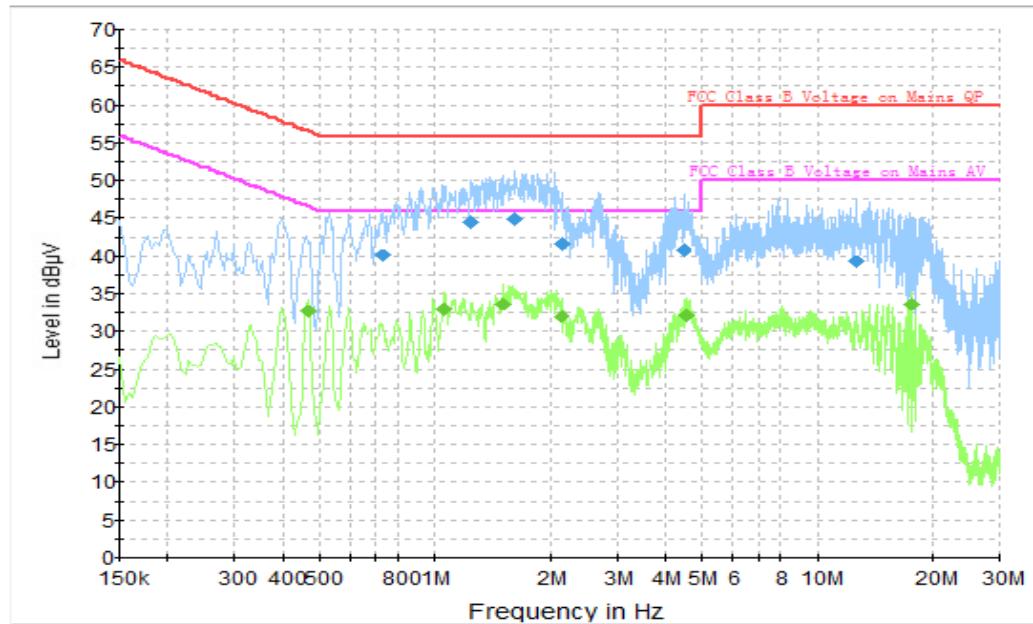
Fig.10 Conducted Emission

Final Result 1

| Frequency (MHz) | QuasiPeak (dBμV) | Meas. Time (ms) | Bandwidth (kHz) | Filter | Line | Corr. (dB) | Margin (dB) | Limit (dBμV) |
|-----------------|------------------|-----------------|-----------------|--------|------|------------|-------------|--------------|
| 0.168000 | 34.1 | 2000.0 | 9.000 | On | L1 | 19.9 | 31.0 | 65.1 |
| 0.258000 | 36.6 | 2000.0 | 9.000 | On | N | 19.8 | 24.9 | 61.5 |
| 0.465000 | 40.1 | 2000.0 | 9.000 | On | L1 | 19.9 | 16.5 | 56.6 |
| 1.162500 | 43.6 | 2000.0 | 9.000 | On | L1 | 19.7 | 12.4 | 56.0 |
| 1.792500 | 45.6 | 2000.0 | 9.000 | On | L1 | 19.7 | 10.4 | 56.0 |
| 2.724000 | 42.8 | 2000.0 | 9.000 | On | L1 | 19.2 | 13.2 | 56.0 |

Final Result 2

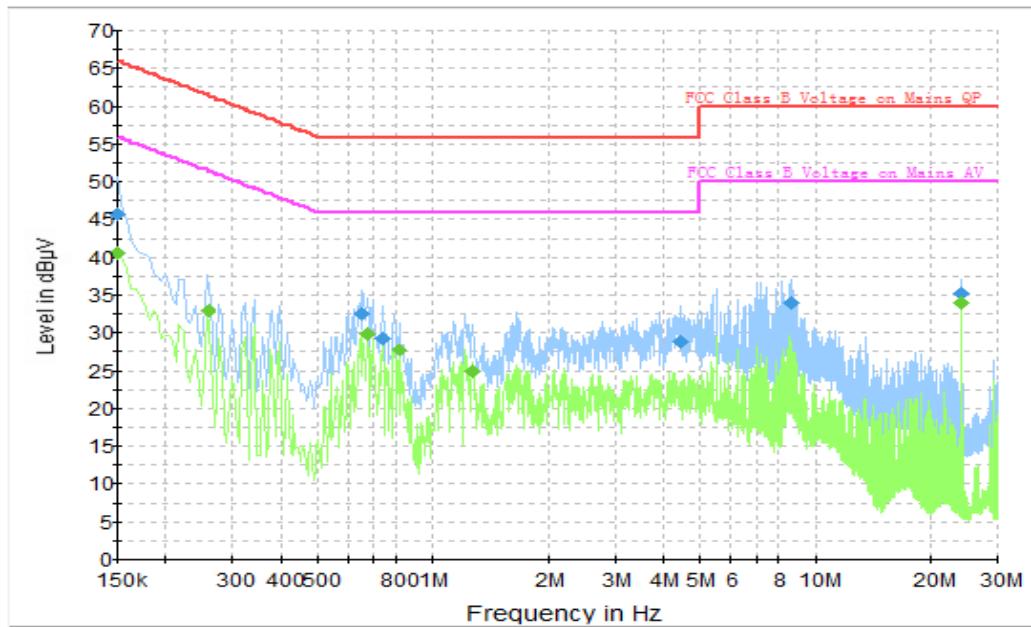
| Frequency (MHz) | Average (dBμV) | Meas. Time (ms) | Bandwidth (kHz) | Filter | Line | Corr. (dB) | Margin (dB) | Limit (dBμV) |
|-----------------|----------------|-----------------|-----------------|--------|------|------------|-------------|--------------|
| 0.402000 | 32.1 | 2000.0 | 9.000 | On | L1 | 19.9 | 15.7 | 47.8 |
| 0.528000 | 31.6 | 2000.0 | 9.000 | On | N | 19.9 | 14.4 | 46.0 |
| 1.180500 | 33.2 | 2000.0 | 9.000 | On | N | 19.7 | 12.8 | 46.0 |
| 1.657500 | 34.4 | 2000.0 | 9.000 | On | L1 | 19.7 | 11.6 | 46.0 |
| 2.139000 | 32.5 | 2000.0 | 9.000 | On | N | 19.5 | 13.5 | 46.0 |
| 4.591500 | 32.8 | 2000.0 | 9.000 | On | L1 | 19.6 | 13.2 | 46.0 |

Charging Mode, Set.8

Fig.11 Conducted Emission
Final Result 1

| Frequency (MHz) | QuasiPeak (dBμV) | Meas. Time (ms) | Bandwidth (kHz) | Filter | Line | Corr. (dB) | Margin (dB) | Limit (dBμV) |
|-----------------|------------------|-----------------|-----------------|--------|------|------------|-------------|--------------|
| 0.730500 | 40.1 | 2000.0 | 9.000 | On | N | 19.8 | 15.9 | 56.0 |
| 1.248000 | 44.6 | 2000.0 | 9.000 | On | L1 | 19.7 | 11.4 | 56.0 |
| 1.617000 | 44.9 | 2000.0 | 9.000 | On | N | 19.7 | 11.1 | 56.0 |
| 2.161500 | 41.7 | 2000.0 | 9.000 | On | N | 19.4 | 14.3 | 56.0 |
| 4.452000 | 40.8 | 2000.0 | 9.000 | On | N | 19.6 | 15.2 | 56.0 |
| 12.642000 | 39.3 | 2000.0 | 9.000 | On | N | 19.7 | 20.7 | 60.0 |

Final Result 2

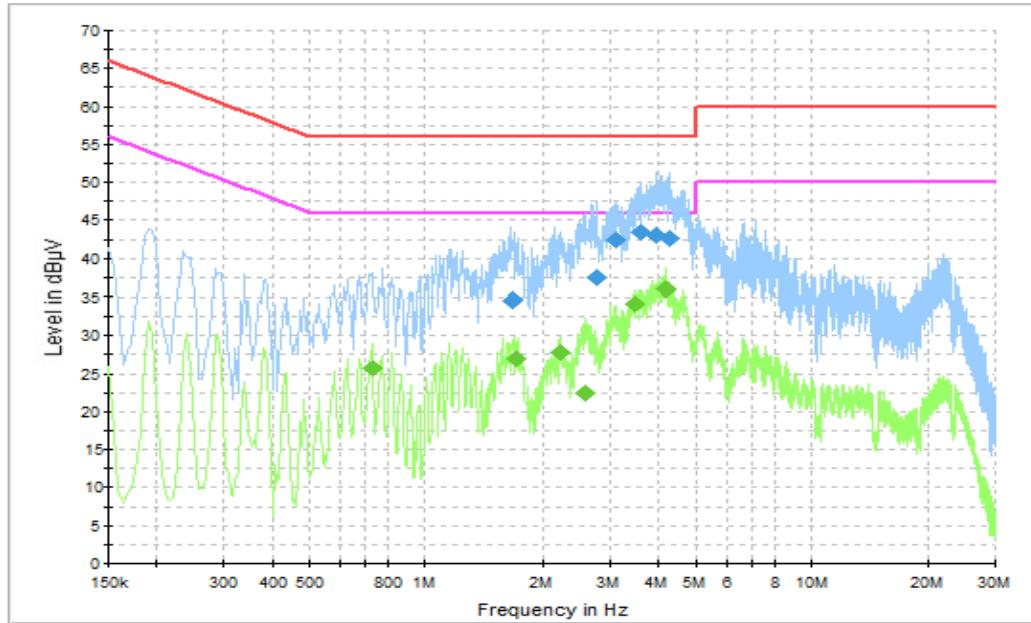
| Frequency (MHz) | Average (dBμV) | Meas. Time (ms) | Bandwidth (kHz) | Filter | Line | Corr. (dB) | Margin (dB) | Limit (dBμV) |
|-----------------|----------------|-----------------|-----------------|--------|------|------------|-------------|--------------|
| 0.465000 | 32.8 | 2000.0 | 9.000 | On | N | 19.9 | 13.8 | 46.6 |
| 1.059000 | 33.1 | 2000.0 | 9.000 | On | L1 | 19.7 | 12.9 | 46.0 |
| 1.509000 | 33.7 | 2000.0 | 9.000 | On | N | 19.7 | 12.3 | 46.0 |
| 2.139000 | 32.1 | 2000.0 | 9.000 | On | L1 | 19.5 | 13.9 | 46.0 |
| 4.542000 | 32.1 | 2000.0 | 9.000 | On | N | 19.6 | 13.9 | 46.0 |
| 17.574000 | 33.7 | 2000.0 | 9.000 | On | L1 | 19.9 | 16.3 | 50.0 |

Charging Mode, Set.9

Fig.12 Conducted Emission
Final Result 1

| Frequency (MHz) | QuasiPeak (dBμV) | Meas. Time (ms) | Bandwidth (kHz) | Filter | Line | Corr. (dB) | Margin (dB) | Limit (dBμV) |
|-----------------|------------------|-----------------|-----------------|--------|------|------------|-------------|--------------|
| 0.150000 | 45.8 | 2000.0 | 9.000 | On | N | 20.2 | 20.2 | 66.0 |
| 0.654000 | 32.5 | 2000.0 | 9.000 | On | N | 19.8 | 23.5 | 56.0 |
| 0.739500 | 29.2 | 2000.0 | 9.000 | On | L1 | 19.8 | 26.8 | 56.0 |
| 4.443000 | 28.8 | 2000.0 | 9.000 | On | N | 19.6 | 27.2 | 56.0 |
| 8.646000 | 34.0 | 2000.0 | 9.000 | On | N | 19.7 | 26.0 | 60.0 |
| 24.054000 | 35.3 | 2000.0 | 9.000 | On | L1 | 20.1 | 24.7 | 60.0 |

Final Result 2

| Frequency (MHz) | Average (dBμV) | Meas. Time (ms) | Bandwidth (kHz) | Filter | Line | Corr. (dB) | Margin (dB) | Limit (dBμV) |
|-----------------|----------------|-----------------|-----------------|--------|------|------------|-------------|--------------|
| 0.150000 | 40.6 | 2000.0 | 9.000 | On | N | 20.2 | 15.4 | 56.0 |
| 0.258000 | 33.1 | 2000.0 | 9.000 | On | N | 19.8 | 18.4 | 51.5 |
| 0.672000 | 29.9 | 2000.0 | 9.000 | On | N | 19.8 | 16.1 | 46.0 |
| 0.811500 | 27.7 | 2000.0 | 9.000 | On | N | 19.8 | 18.3 | 46.0 |
| 1.270500 | 24.9 | 2000.0 | 9.000 | On | L1 | 19.7 | 21.1 | 46.0 |
| 24.054000 | 34.0 | 2000.0 | 9.000 | On | L1 | 20.1 | 16.0 | 50.0 |

Charging Mode, Set.10

Fig.13 Conducted Emission
Final Result 1

| Frequency (MHz) | QuasiPeak (dBμV) | PE | Line | Corr. (dB) | Margin (dB) | Limit (dBμV) |
|-----------------|------------------|-----|------|------------|-------------|--------------|
| 1.666500 | 34.5 | GND | N | 10.4 | 21.5 | 56.0 |
| 2.769000 | 37.4 | GND | N | 10.5 | 18.6 | 56.0 |
| 3.097500 | 42.3 | GND | L1 | 10.4 | 13.7 | 56.0 |
| 3.588000 | 43.4 | GND | L1 | 10.4 | 12.6 | 56.0 |
| 3.943500 | 43.1 | GND | N | 10.5 | 12.9 | 56.0 |
| 4.276500 | 42.7 | GND | N | 10.5 | 13.3 | 56.0 |

Final Result 2

| Frequency (MHz) | Average (dBμV) | PE | Line | Corr. (dB) | Margin (dB) | Limit (dBμV) |
|-----------------|----------------|-----|------|------------|-------------|--------------|
| 0.726000 | 25.8 | GND | L1 | 10.3 | 20.2 | 46.0 |
| 1.698000 | 26.9 | GND | L1 | 10.3 | 19.1 | 46.0 |
| 2.229000 | 27.8 | GND | L1 | 10.4 | 18.2 | 46.0 |
| 2.571000 | 22.5 | GND | L1 | 10.4 | 23.5 | 46.0 |
| 3.489000 | 34.2 | GND | L1 | 10.4 | 11.8 | 46.0 |
| 4.164000 | 36.0 | GND | L1 | 10.5 | 10.0 | 46.0 |

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