



FCC PART 15B TEST REPORT

No. 23T04Z80619-06

for

TCL Communication Ltd.

GSM/UMTS/LTE mobile phone

Model name: T509A

FCC ID: 2ACCJB216

with

Hardware Version: 05

Software Version: BL3F

Issued Date: 2023-12-29

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:

CTTL-Telecommunication Technology Labs, CAICT

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REPORT HISTORY

Report Number	Revision	Description	Issue Date
23T04Z80619-06	Rev.0	1 st edition	2023-12-29

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



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1. Test Laboratory

1.1. Testing Location

CTTL (huayuan North Road)

Address: No. 52, Huayuan North Road, Haidian District, Beijing,
P. R. China 100191

1.2. Testing Environment

Normal Temperature: 15-35°C

Relative Humidity: 20-75%

1.3. Project data

Testing Start Date: 2023-12-26

Testing End Date: 2023-12-28


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

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2.2. Manufacturer Information

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

3.1. About EUT

Description	GSM/UMTS/LTE mobile phone
Model Name	T509A
FCC ID:	2ACCJB216

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	358401410000754	05	BL3F

*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	Model	Manufacture	Remark
AE1	Battery	TLp049B8	GanFeng	/
AE2	Charger1	CG10A0502000UU	Juwei	/
AE3	Charger2	UT-681A-5200ZCY	Baijunda	/
AE4	Charger3	CG10A0502000EU	Juwei	No test required
AE5	Charger4	UT-681E-5200ZCY	Baijunda	No test required
AE6	Charger5	UT-681B-5200ZCY	Baijunda	No test required
AE7	Charger6	UT-580S-5200ZY	Baijunda	No test required
AE8	Charger7	UT-580T-5200ZY	Baijunda	No test required
AE9	USB Cable1	JWUB1686-M01R	Juwei	/
AE10	USB Cable2	FKY-23-367	Fukangyuan	/
AE11	Headset	JWEP1295-M01R	Juwei	/

*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+AE13/AE14	Charger1+MP3+F Camera +GSM 850 idle
Set.2	EUT1 + AE1 +AE3+AE13/AE14	Charger2+R Camera + WCDMA B5 idle
Set.3	EUT1 + AE1 +AE13/AE14	USB + FM + LTE B5
Set.4	EUT1 + AE1 + Cable + EUT	OTG

Note:

Equipment Under Test (EUT) is a model of GSM/UMTS/LTE mobile phone.

It supports

GSM Band 850/900/1800/1900

UMTS Band FDD Band I(W2100) /FDD Band II(W1900) /FDD Band IV(W1700)/FDD V(W850) /FDD VIII(W900)

LTE Band FDD Bands 1/2/3/4/5/7/8/12/13/17/26/28/66, TDD Bands 38/40/41

It has MP3, Camera, USB memory, Bluetooth 5.1, Wi-Fi (802.11a/b/g/n/ac, 802.11n supports

20MHz and 40MHz bandwidth, 802.11ac supports 20MHz, 40MHz and 80MHz bandwidth) and GNSS function.

The device contains receivers which tune and operate between 30MHz-960MHz in the following mode: GSM 850, WCDMA850, LTE Band 5/12/13/26, FM. 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 did not exceed following limits along the EMC testing:

Temperature	Min. = 15 °C, Max. = 35 °C
Relative humidity	Min. = 15 %, Max. = 75 %
Shielding effectiveness	0.014MHz-1MHz, >60dB; 1MHz - 1000MHz, >90dB.
Electrical insulation	> 2 M Ω
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 M Ω
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	2024-07-08	13 months
2	LISN	ENV216	101200	R&S	2024-06-05	13 months
3	Test Receiver	ESCI 7	100344	R&S	2024-02-21	13 months
4	EMI Antenna	VULB 9163	01222	SCHWARZBECK	2024-02-28	13 months
5	EMI Antenna	3115	6914	ETS-Lindgren	2024-06-07	13 months
6	Signal Generator	SMBV100A	260613	R&S	2024-03-14	13 months
7	Universal Communication Tester	CMW500	150344	R&S	2025-02-03	25 months

Test software information		
Test Item	Software	Version
Radiated Emission	EMC32	V11.50.00
Conducted Emission	EMC32	V8.53.0

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/OTG 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, OTG 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 the other device for charging in OTG 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.

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.

A.1.3 Measurement Limit

Frequency range (MHz)	Field strength limit ($\mu\text{V/m}$)		
	Quasi-peak	Average	Peak
30-88	100		
88-216	150		
216-960	200		
960-1000	500		
>1000		500	5000

Note: the above limit is for 3 meters test distance. 10 meters' limit is got by converting.

A.1.4 Test Condition

Frequency range (MHz)	RBW/VBW	Sweep Time (s)	Detector
30-1000	120kHz (IF Bandwidth)	5	Peak/Quasi-peak
Above 1000	1MHz/3MHz	15	Peak, Average

A.1.5 Measurement Results

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

The measurement results are obtained as described below:

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

Where

G_A : Antenna factor of receive antenna

G_{PL} : Path Loss

P_{Mea} : Measurement result on receiver.

Measurement uncertainty (worst case): $U = 4.84 \text{ dB}$, $k=2$.

Measurement results for Set.1:

Charing Mode/Average detector

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17994.560	43.90	-29.06	46.66	26.30	54.00	10.10	H
17985.040	43.90	-29.06	46.66	26.30	54.00	10.10	H
17982.660	43.90	-29.06	46.66	26.30	54.00	10.10	V
17956.820	43.80	-28.94	46.66	26.08	54.00	10.20	V
17945.940	43.70	-28.94	46.66	25.98	54.00	10.30	H
17995.920	43.70	-29.06	46.66	26.10	54.00	10.30	H

Charging Mode/Peak detector

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17952.400	55.00	-28.94	46.66	37.28	74.00	19.00	V
17927.580	54.80	-29.40	46.66	37.54	74.00	19.20	H
17991.160	54.40	-29.06	46.66	36.80	74.00	19.60	V
17945.940	54.20	-28.94	46.66	36.48	74.00	19.80	H
17813.000	54.10	-29.63	45.95	37.78	74.00	19.90	H
17975.520	54.00	-29.06	46.66	36.40	74.00	20.00	H

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

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17989.800	43.90	-29.06	46.66	26.30	54.00	10.10	H
17992.180	43.90	-29.06	46.66	26.30	54.00	10.10	V
17984.020	43.90	-29.06	46.66	26.30	54.00	10.10	H
17988.780	43.80	-29.06	46.66	26.20	54.00	10.20	V
17973.480	43.70	-29.06	46.66	26.10	54.00	10.30	V
17976.880	43.70	-29.06	46.66	26.10	54.00	10.30	H

Charging Mode/Peak detector

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17981.980	55.00	-29.06	46.66	37.40	74.00	19.00	H
17996.600	54.60	-29.06	46.66	37.00	74.00	19.40	H
17990.140	54.50	-29.06	46.66	36.90	74.00	19.50	H
17972.800	54.40	-29.06	46.66	36.80	74.00	19.60	V
17997.960	54.30	-29.06	46.66	36.70	74.00	19.70	H
17999.320	54.30	-29.06	46.66	36.70	74.00	19.70	H

Measurement results for Set.3:
USB Mode/Average detector

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17975.520	45.00	-29.06	46.66	27.40	54.00	9.00	H
17998.980	44.70	-29.06	46.66	27.10	54.00	9.30	V
17889.840	44.60	-29.53	45.95	28.18	54.00	9.40	V
17972.460	44.50	-29.06	46.66	26.90	54.00	9.50	H
17994.220	44.40	-29.06	46.66	26.80	54.00	9.60	V
17997.280	44.30	-29.06	46.66	26.70	54.00	9.70	H

USB Mode/Peak detector

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17964.980	55.00	-29.06	46.66	37.40	74.00	19.00	H
17964.640	55.00	-29.06	46.66	37.40	74.00	19.00	H
17957.840	54.80	-28.94	46.66	37.08	74.00	19.20	H
17994.900	54.70	-29.06	46.66	37.10	74.00	19.30	H
17968.040	54.60	-29.06	46.66	37.00	74.00	19.40	V
17998.300	54.60	-29.06	46.66	37.00	74.00	19.40	V

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

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17987.760	44.20	-29.06	46.66	26.60	54.00	9.80	V
17996.940	44.10	-29.06	46.66	26.50	54.00	9.90	H
17949.680	44.00	-28.94	46.66	26.28	54.00	10.00	V
17991.160	44.00	-29.06	46.66	26.40	54.00	10.00	V
17979.940	44.00	-29.06	46.66	26.40	54.00	10.00	V
17978.580	43.90	-29.06	46.66	26.30	54.00	10.10	V

OTG Mode/Peak detector

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17918.060	54.60	-29.33	46.66	37.27	74.00	19.40	V
17888.820	54.50	-29.53	45.95	38.08	74.00	19.50	V
17988.100	54.50	-29.06	46.66	36.90	74.00	19.50	H
17957.160	54.40	-28.94	46.66	36.68	74.00	19.60	V
17958.860	54.30	-28.94	46.66	36.58	74.00	19.70	V
17993.880	54.20	-29.06	46.66	36.60	74.00	19.80	V

Measurement results for Set.1:

Full Spectrum

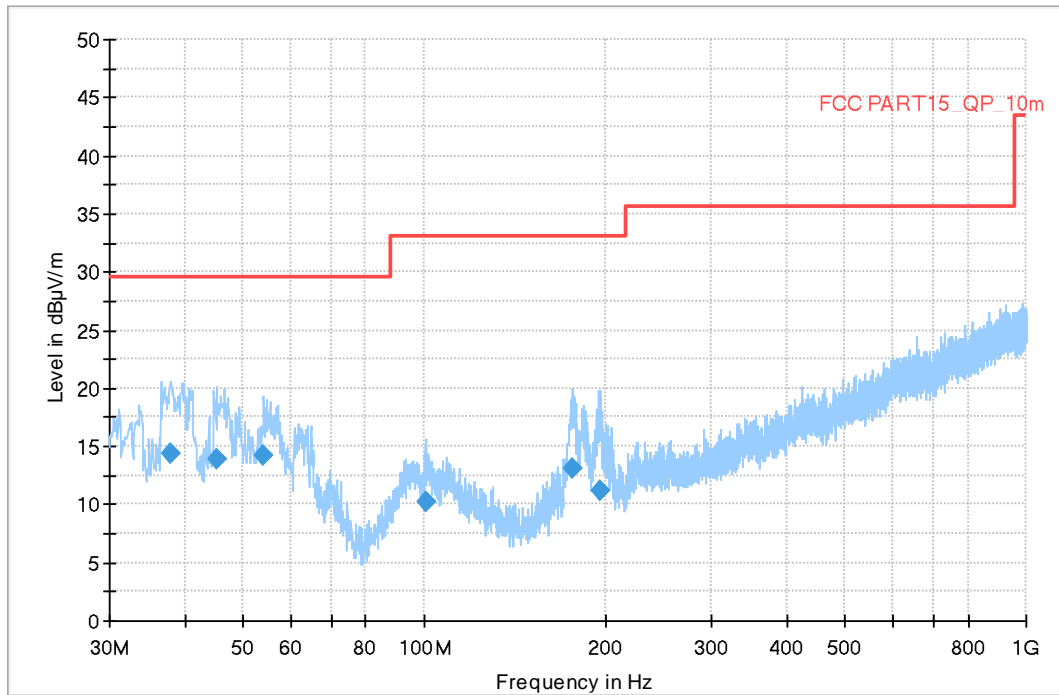


Fig A.1 Radiated Emission from 30MHz to 1GHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	PoI	Azimuth (deg)
37.857000	14.42	29.54	15.12	120.000	183.0	V	226.0
45.229000	13.93	29.54	15.61	120.000	283.0	V	225.0
54.153000	14.20	29.54	15.34	120.000	100.0	V	245.0
100.422000	10.15	33.06	22.91	120.000	100.0	V	283.0
176.470000	13.07	33.06	19.99	120.000	100.0	V	65.0
195.870000	11.13	33.06	21.93	120.000	100.0	V	46.0

Full Spectrum

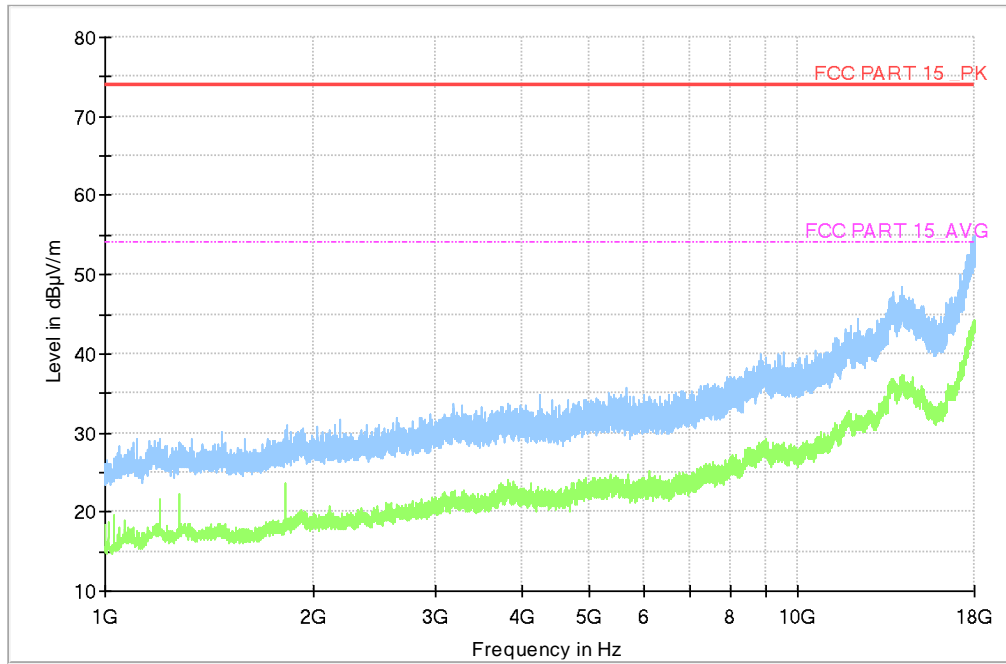


Fig A.2 Radiated Emission from 1GHz to 18GHz

Measurement results for Set.2:

Full Spectrum

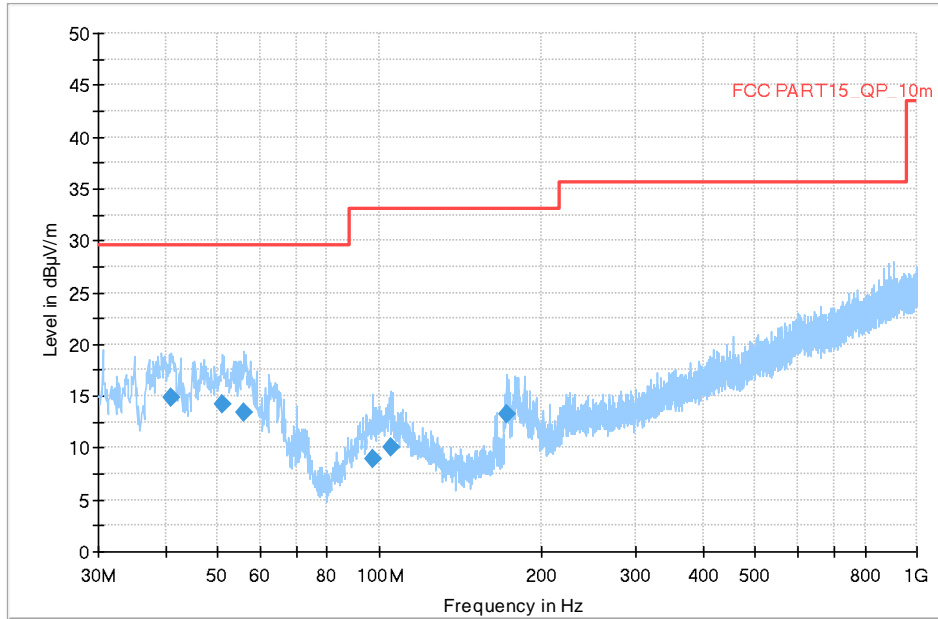


Fig A.3 Radiated Emission from 30MHz to 1GHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	PoI	Azimuth (deg)
41.058000	14.87	29.54	14.67	120.000	175.0	V	225.0
50.952000	14.24	29.54	15.30	120.000	100.0	V	225.0
55.996000	13.35	29.54	16.19	120.000	283.0	V	212.0
97.027000	9.01	33.06	24.05	120.000	224.0	V	-45.0
105.466000	10.02	33.06	23.04	120.000	175.0	V	302.0
173.172000	13.34	33.06	19.72	120.000	100.0	V	65.0

Full Spectrum

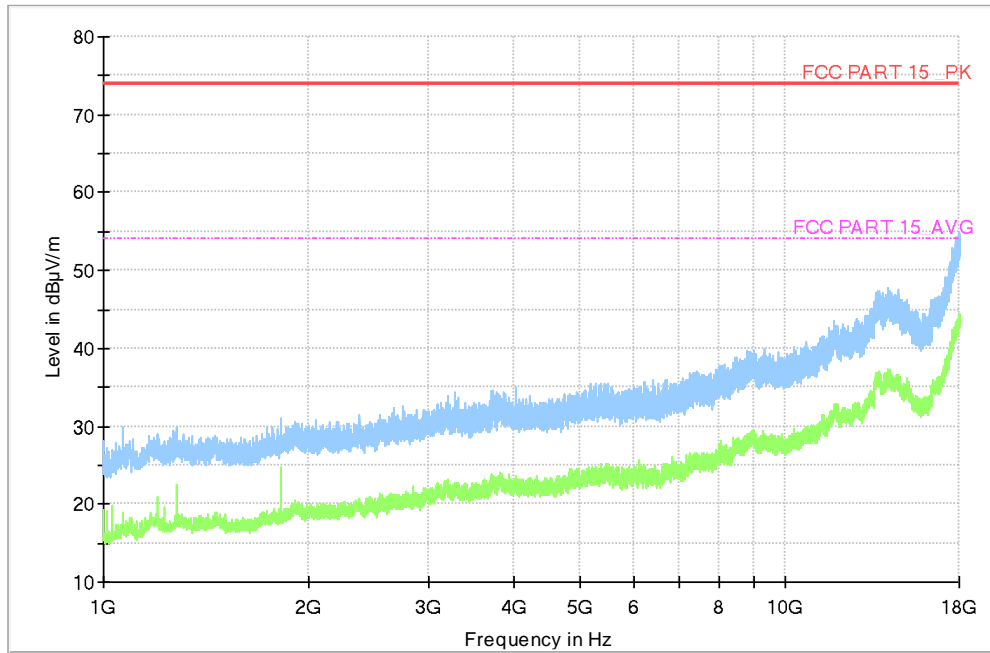


Fig A.4 Radiated Emission from 1GHz to 18GHz

Measurement results for Set.3:

Full Spectrum

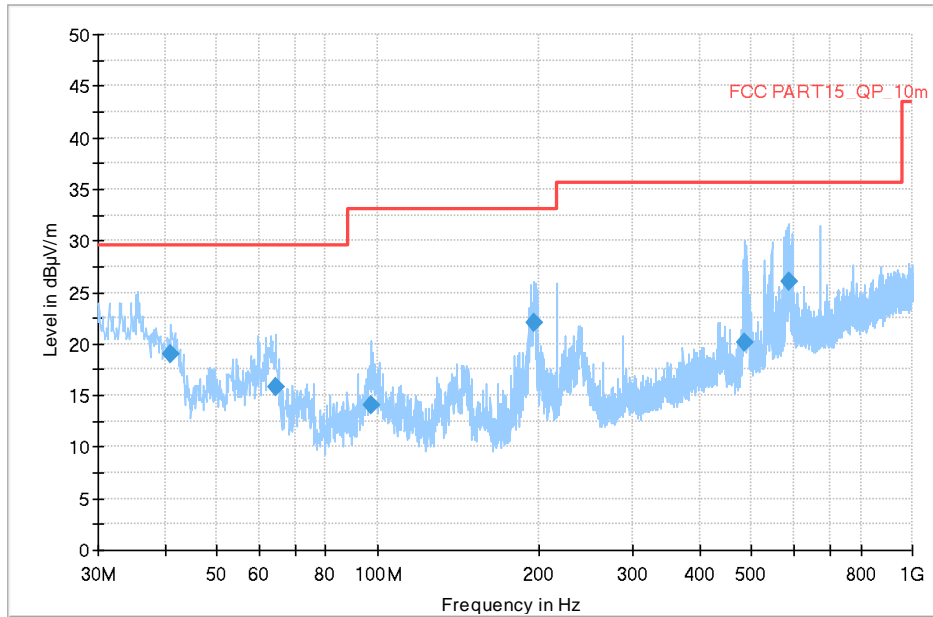


Fig A.5 Radiated Emission from 30MHz to 1GHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	PoI	Azimuth (deg)
40.961000	18.98	29.54	10.56	120.000	175.0	V	135.0
64.435000	15.74	29.54	13.80	120.000	211.0	V	103.0
97.415000	14.11	33.06	18.95	120.000	275.0	V	155.0
196.452000	22.11	33.06	10.95	120.000	100.0	V	174.0
484.736000	20.11	35.56	15.45	120.000	225.0	V	13.0
586.198000	25.96	35.56	9.60	120.000	211.0	V	-6.0

Full Spectrum

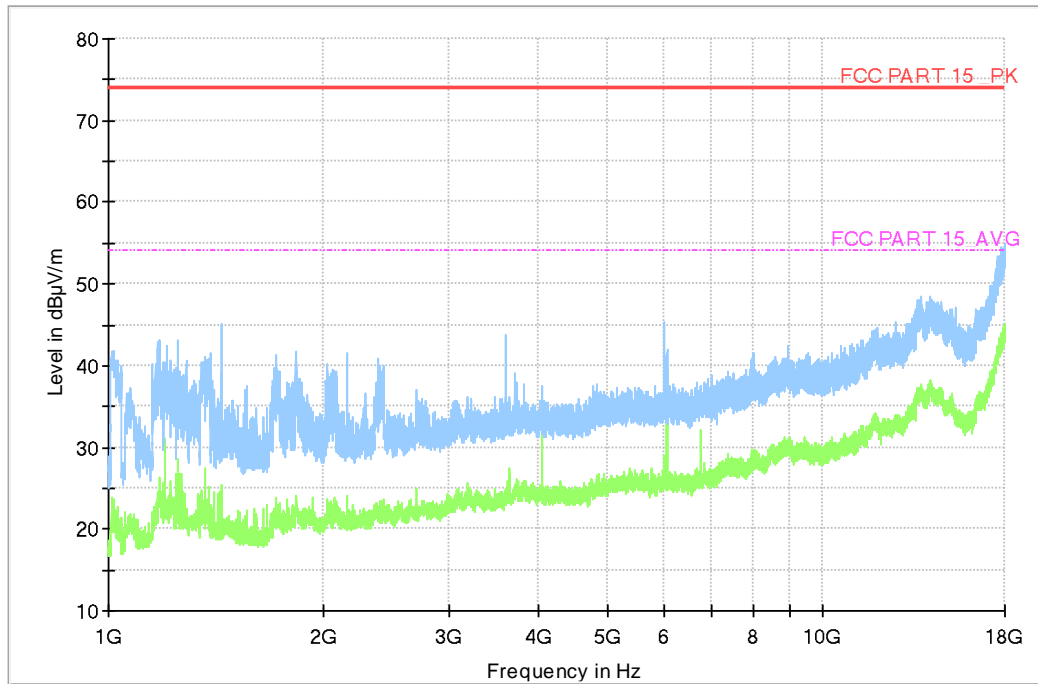


Fig A.6 Radiated Emission from 1GHz to 18GHz

Measurement results for Set.4:

Full Spectrum

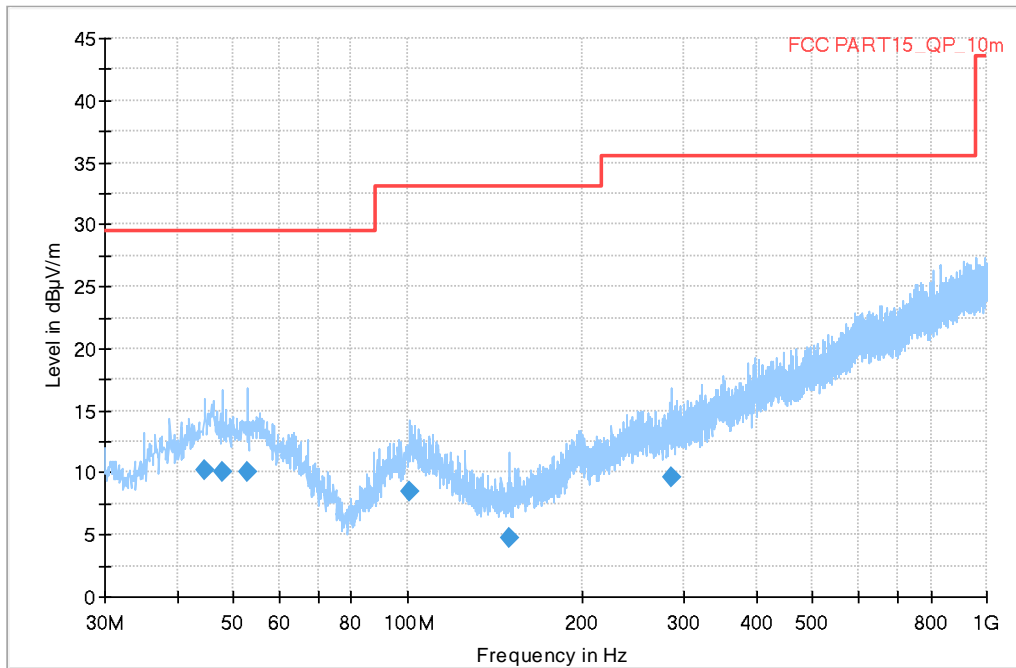


Fig A.7 Radiated Emission from 30MHz to 1GHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	PoI	Azimuth (deg)
44.550000	10.26	29.54	19.28	120.000	321.0	H	-43.0
47.945000	10.11	29.54	19.43	120.000	125.0	H	212.0
52.795000	10.05	29.54	19.49	120.000	225.0	H	84.0
100.616000	8.48	33.06	24.58	120.000	125.0	V	45.0
149.892000	4.71	33.06	28.35	120.000	100.0	V	192.0
284.528000	9.65	35.56	25.91	120.000	107.0	H	-6.0

Full Spectrum

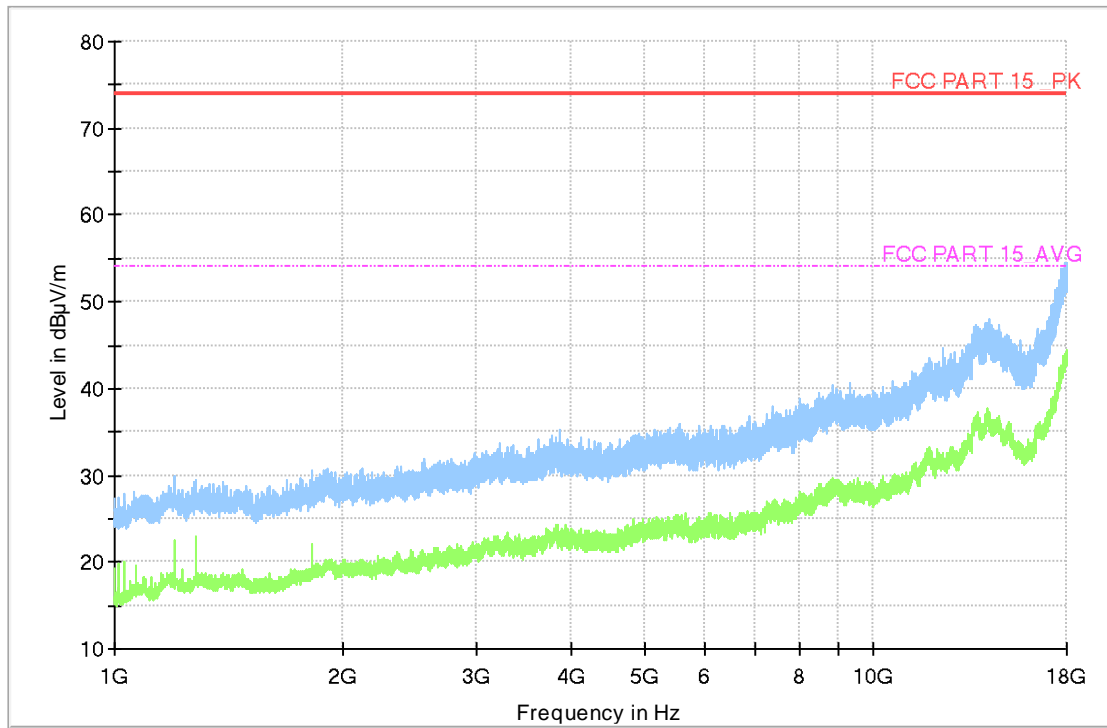


Fig A.8 Radiated Emission from 1GHz to 18GHz

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 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: $U= 3.08$ dB, $k=2$.

Charging Mode, Set.1:

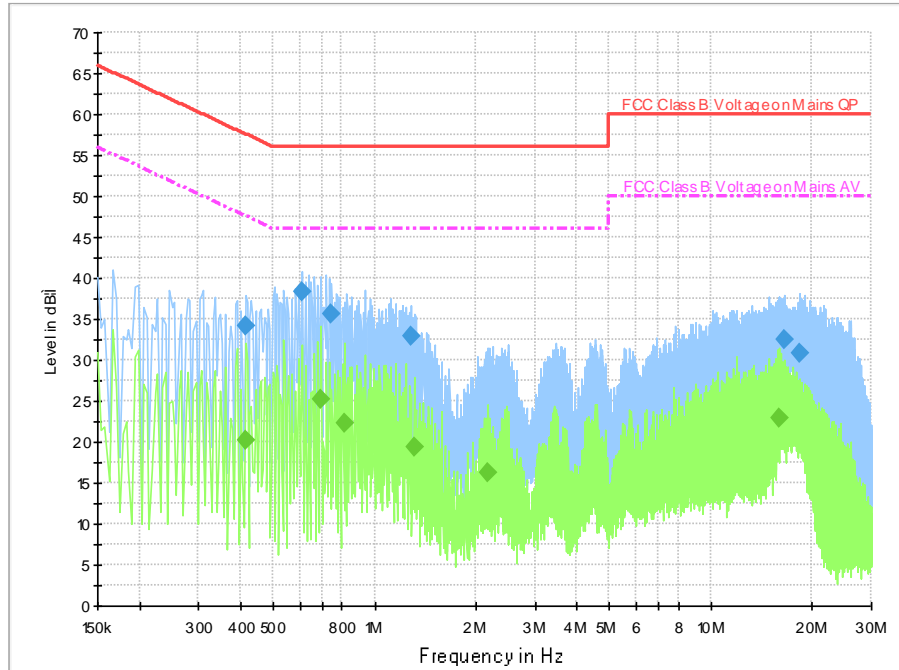


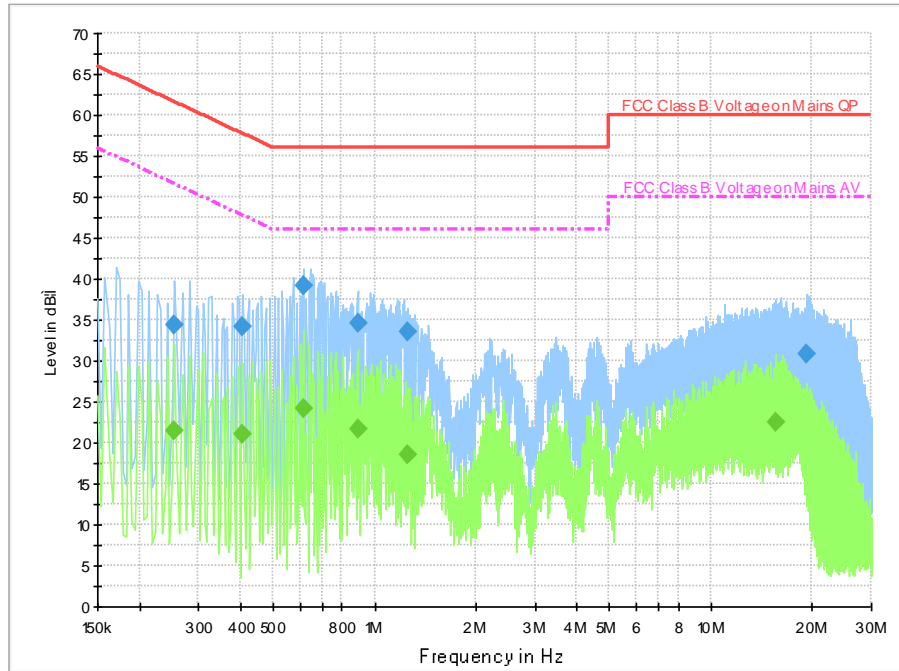
Fig A.9 Conducted Emission from 150kHz to 30MHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBuV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)	Comment
0.414000	34.1	2000.0	9.000	On	N	19.7	23.4	57.6	
0.610000	38.3	2000.0	9.000	On	L1	19.7	17.7	56.0	
0.746000	35.7	2000.0	9.000	On	N	19.7	20.3	56.0	
1.282000	32.9	2000.0	9.000	On	N	19.6	23.1	56.0	
16.470000	32.6	2000.0	9.000	On	L1	19.7	27.4	60.0	
18.470000	30.9	2000.0	9.000	On	L1	19.7	29.1	60.0	

Final Result 2

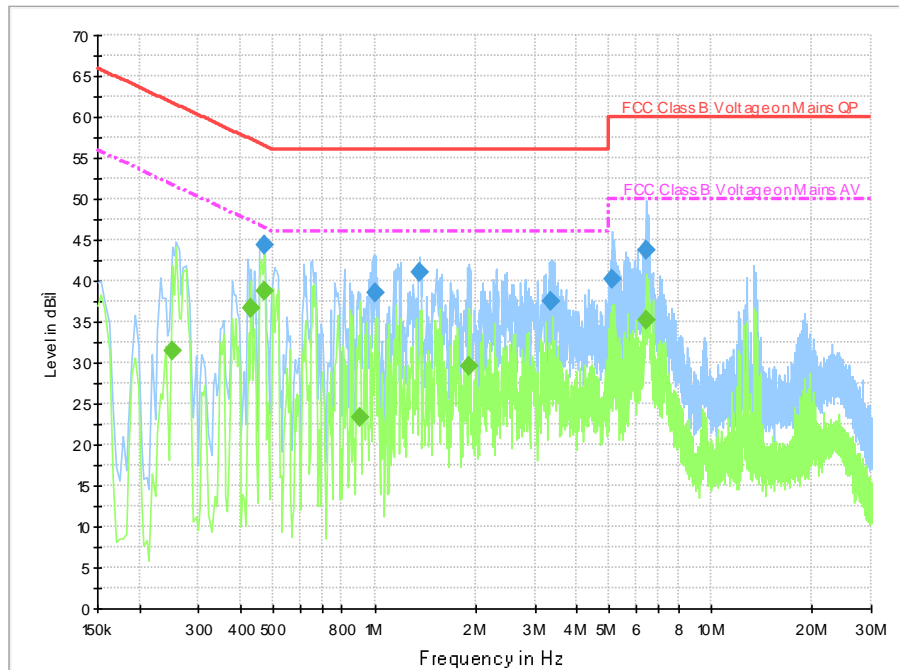
Frequency (MHz)	Average (dBuV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)	Comment
0.414000	20.3	2000.0	9.000	On	N	19.7	27.3	47.6	
0.694000	25.2	2000.0	9.000	On	L1	19.7	20.8	46.0	
0.814000	22.3	2000.0	9.000	On	N	19.7	23.7	46.0	
1.310000	19.3	2000.0	9.000	On	N	19.6	26.7	46.0	
2.182000	16.3	2000.0	9.000	On	L1	19.6	29.7	46.0	
15.954000	22.8	2000.0	9.000	On	L1	19.7	27.2	50.0	

Charging Mode, Set.2:

Fig A.10 Conducted Emission from 150kHz to 30MHz
Final Result 1

Frequency (MHz)	QuasiPeak (dBuV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)	Comment
0.254000	34.4	2000.0	9.000	On	L1	19.7	27.3	61.6	
0.406000	34.1	2000.0	9.000	On	N	19.7	23.7	57.7	
0.614000	39.1	2000.0	9.000	On	L1	19.7	16.9	56.0	
0.890000	34.5	2000.0	9.000	On	N	19.6	21.5	56.0	
1.262000	33.6	2000.0	9.000	On	N	19.6	22.4	56.0	
19.250000	30.8	2000.0	9.000	On	L1	19.7	29.2	60.0	

Final Result 2

Frequency (MHz)	Average (dBuV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)	Comment
0.254000	21.4	2000.0	9.000	On	L1	19.7	30.2	51.6	
0.406000	21.0	2000.0	9.000	On	L1	19.7	26.7	47.7	
0.614000	24.1	2000.0	9.000	On	L1	19.7	21.9	46.0	
0.890000	21.6	2000.0	9.000	On	N	19.6	24.4	46.0	
1.262000	18.5	2000.0	9.000	On	N	19.6	27.5	46.0	
15.662000	22.5	2000.0	9.000	On	L1	19.7	27.5	50.0	

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
0.470000	44.3	2000.0	9.000	On	L1	19.7	12.2	56.5	
1.010000	38.6	2000.0	9.000	On	N	19.6	17.4	56.0	
1.358000	41.1	2000.0	9.000	On	L1	19.6	14.9	56.0	
3.354000	37.5	2000.0	9.000	On	L1	19.6	18.5	56.0	
5.090000	40.1	2000.0	9.000	On	N	19.6	19.9	60.0	
6.438000	43.8	2000.0	9.000	On	N	19.6	16.2	60.0	

Final Result 2

Frequency (MHz)	Average (dBuV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)	Comment
0.250000	31.5	2000.0	9.000	On	N	19.7	20.3	51.8	
0.430000	36.7	2000.0	9.000	On	L1	19.7	10.6	47.3	
0.470000	38.8	2000.0	9.000	On	L1	19.7	7.8	46.5	
0.910000	23.3	2000.0	9.000	On	L1	19.7	22.7	46.0	
1.910000	29.6	2000.0	9.000	On	L1	19.6	16.4	46.0	
6.438000	35.2	2000.0	9.000	On	N	19.6	14.8	50.0	

END OF REPORT