FCC PART 15B
TEST REPORT

No. 24T04Z100676-021

for

COOSEA GROUP (HK) COMPANY LIMITED

Smart Phone

Model Name: SN509A/SN509C

FCC ID: 2A28USN509

with

Hardware Version: 1.0

Software Version: SN509A:SN509AA10017

SN509C:SN509CC10017

Issued Date: 2024-7-4

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

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

Tel:+86(0)10-62304633-2512, Fax:+86(0)10-62304633-2504

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REPORT HISTORY

Report Number	Revision	Description	Issue Date
24T04Z100676-021	Rev.0	1st edition	2024-06-25
24T04Z100676-021	Rev.1	2nd edition	2024-07-04

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

CONTENTS

1. Test Laboratory

1.1. Introduction & Accreditation

Telecommunication Technology Labs, CAICT is an ISO/IEC 17025:2017 accredited test laboratory under American Association for Laboratory Accreditation (A2LA) with lab code 7049.01, and is also an FCC accredited test laboratory (CN1349), and ISED accredited test laboratory (CAB identifier:CN0066). The detail accreditation scope can be found on A2LA website.

1.2. Testing Location

CTTL (BDA)

Address: No.18A, Kangding Street, Beijing Economic-Technology Development Area, Beijing, P. R. China 100176

1.3. Testing Environment

Normal Temperature: 15-35°C

Relative Humidity: 20-75%

1.4. Project data

Testing Start Date: 2024-06-17

Testing End Date: 2024-06-24

1.5. 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:	COOSEA GROUP (HK) COMPANY LIMITED
Address /Post:	UNIT 5-6 16/F MULTIFIELD PLAZA 3-7A PRAT AVENUE TSIMSHATSUI KL
City:	/
Contact:	Zhao jiandong
Telephone:	137-5984-9661
Email:	zhaojiandong@cooseagroup.com

2.2. Manufacturer Information

Company Name:	COOSEA GROUP (HK) COMPANY LIMITED
Address /Post:	UNIT 5-6 16/F MULTIFIELD PLAZA 3-7A PRAT AVENUE TSIMSHATSUI KL
City:	/
Contact:	Zhao jiandong
Telephone:	137-5984-9661
Email:	zhaojiandong@cooseagroup.com

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

3.1. About EUT

Description	Smart Phone
Model Name	SN509A/SN509C
FCC ID:	2A28USN509

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	352095330006499	1.0	SN509AA10017
EUT2	352357990006770	1.0	SN509AA10017

*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	Manufacturer
AE1	Battery1	BL-A67CT	Huizhou Highpower Technology Co., Ltd.
AE2	Charger1	HJ-0503000-US	SHENZHEN HUAJIN ELECTRON CO.,LTD.
AE3	USB Cable1	FKY-24-050	ShenZhen FKY-QY Hardware&Electronics.,Ltd.

*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+MP3+F Camera + NR n5 idle
Set.2	EUT1 + AE1 +AE2+AE3	Charger2+R Camera + WCDMA B5 idle
Set.3	EUT1 + AE1 +AE2+AE3	USB + LTE B5 idle
Set.4	EUT1 + AE1 + Cable +EUT2	OTG

Note:

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

It supports

UMTS Band	FDD Band I(W2100)/FDD Band II(W1900) /FDD Band IV(W1700)/FDD V(W850) /FDD VIII(W900)
LTE Band	FDD Bands 2/3/4/5/7/12/14/17/20/30/66,SDL Band 29
NR Band	n2/n5/n30/n66/n77

It has MP3, Camera, USB memory, Bluetooth V5.2, 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: WCDMA850, LTE Band 5/12/14/17, NR Band n5. All licensed band receivers that tune in the range of 30MHz-960MHz are investigated. Only the worst-case emissions are reported.

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. 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(BDA)**
2	Conducted Emission	15.107(a)	B.2	P	**CTTL(BDA)**

6. Test Equipments Utilized

NO.	Description	TYPE	SERIES NUMBER	MANUFACTURE	CAL DUE DATE	CALIBRATION INTERVAL
1	Test Receiver	ESCI 3	100766	R&S	2025-05-18	1 year
2	LISN	ENV216	101459	R&S	2025-06-16	1 year
3	Test Receiver	ESW44	103015	R&S	2025-02-17	1 year
4	EMI Antenna	VULB 9163	482	SCHWARZBECK	2025-06-19	1 year
5	EMI Antenna	3117	00139065	ETS-Lindgren	2024-11-22	1 year

Semi-anechoic chamber utilized did not exceed following limits along the testing:

Temperature	Min. = 15 ℃, Max. = 35 ℃
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, 10 m distance
Site voltage standing-wave ratio (S_{VSWR})	Between 0 and 6 dB, from 1GHz to 6GHz

Shielded room utilized did not exceed following limits along the testing:

Temperature	Min. = 15 ℃, Max. = 35 ℃
Relative humidity	Min. = 20 %, Max. = 75 %
Shielding effectiveness	0.014MHz-1MHz, >60dB; 1MHz－1000MHz, >90dB.
Electrical insulation	> 2 MΩ
Ground system resistance	< 4 Ω

7. Measurement Uncertainty

Where relevant, the following measurement uncertainty(worse case) levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

Location 1: CTTL(BDA)

Test item	Frequency ranges	Measurement uncertainty
Radiated Emission	30MHz-1GHz	5.73 dB(*k*=2)
	1GHz-18GHz	5.58 dB(*k*=2)
Conducted Emission	150kHz-30MHz	AC Power Line: 3.10 dB(*k*=2)

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/WPT 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, WPT 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 (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 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)
16931.000	40.06	-24.4	41.2	23.23	54.0	13.9	V
16950.000	39.99	-24.0	41.2	22.83	54.0	14.0	V
16640.000	39.99	-24.6	41.4	23.12	54.0	14.0	V
16629.000	39.99	-24.7	41.4	23.30	54.0	14.0	V
17825.000	39.99	-23.3	40.5	22.81	54.0	14.0	V
17827.000	39.97	-23.2	40.5	22.66	54.0	14.0	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)
17938.500	52.7	-23.5	40.5	35.66	74.0	21.3	H
17834.000	52.4	-23.1	40.5	34.98	74.0	21.6	V
17497.500	52.4	-24.5	40.6	36.23	74.0	21.6	V
16952.000	52.3	-24.1	41.2	35.21	74.0	21.7	V
17883.500	52.3	-23.4	40.5	35.25	74.0	21.7	V
16655.000	52.2	-24.7	41.5	35.47	74.0	21.8	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)
16638.500	40.13	-24.6	41.4	23.29	54.0	13.9	V
16921.500	40.12	-24.4	41.3	23.29	54.0	13.9	H
16940.000	40.05	-24.2	41.2	23.05	54.0	13.9	V
17681.000	40.04	-23.4	40.6	22.87	54.0	14.0	H
16923.500	40.03	-24.4	41.3	23.21	54.0	14.0	V
17829.500	40.03	-23.0	40.5	22.55	54.0	14.0	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)
17878.000	52.6	-23.5	40.5	35.56	74.0	21.4	H
16959.000	52.5	-24.2	41.2	35.50	74.0	21.5	V
17914.500	52.4	-23.6	40.5	35.53	74.0	21.6	H
16707.000	52.4	-24.4	41.5	35.27	74.0	21.6	V
17699.500	52.3	-23.9	40.6	35.56	74.0	21.7	H
17057.000	52.2	-24.3	41.0	35.59	74.0	21.8	V

Measurement results for Set.3:

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)
1039.000	34.07	-38.2	28.5	43.76	54.0	19.9	H
1220.200	33.00	-38.2	27.9	43.27	54.0	21.0	H
1594.400	33.32	-37.8	28.5	42.56	54.0	20.7	V
3332.000	32.76	-35.2	32.9	35.08	54.0	21.2	V
4445.000	33.60	-34.6	33.5	34.67	54.0	20.4	H
5253.000	34.53	-34.4	34.2	34.77	54.0	19.5	H

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)
1032.400	56.1	-37.8	28.7	65.23	74.0	17.9	V
1220.600	49.8	-38.2	27.9	60.06	74.0	24.2	V
1356.200	49.1	-37.7	28.9	57.87	74.0	24.9	V
3662.500	48.8	-34.9	33.1	50.69	74.0	25.2	H
4795.000	48.4	-34.1	34.0	48.52	74.0	25.6	H
15978.500	53.6	-25.2	40.9	37.88	74.0	20.4	V

Measurement results for Set.4:

OTG 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)
16923.500	40.12	-24.4	41.3	23.29	54.0	13.9	H
17012.000	40.07	-24.3	41.1	23.28	54.0	13.9	H
16946.500	40.06	-24.1	41.2	22.96	54.0	13.9	V
16642.500	40.04	-24.6	41.4	23.20	54.0	14.0	H
16639.000	40.04	-24.6	41.4	23.18	54.0	14.0	H
17831.000	40.03	-23.0	40.5	22.54	54.0	14.0	H

OTG 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)
16110.000	52.6	-24.9	40.9	36.58	74.0	21.4	H
17524.500	52.5	-24.2	40.6	36.06	74.0	21.5	H
16950.000	52.4	-24.0	41.2	35.26	74.0	21.6	H
16988.500	52.4	-24.3	41.1	35.59	74.0	21.6	V
16943.500	52.4	-24.2	41.2	35.30	74.0	21.6	H
17804.000	52.3	-23.9	40.5	35.71	74.0	21.7	V

Measurement results for Set.1:

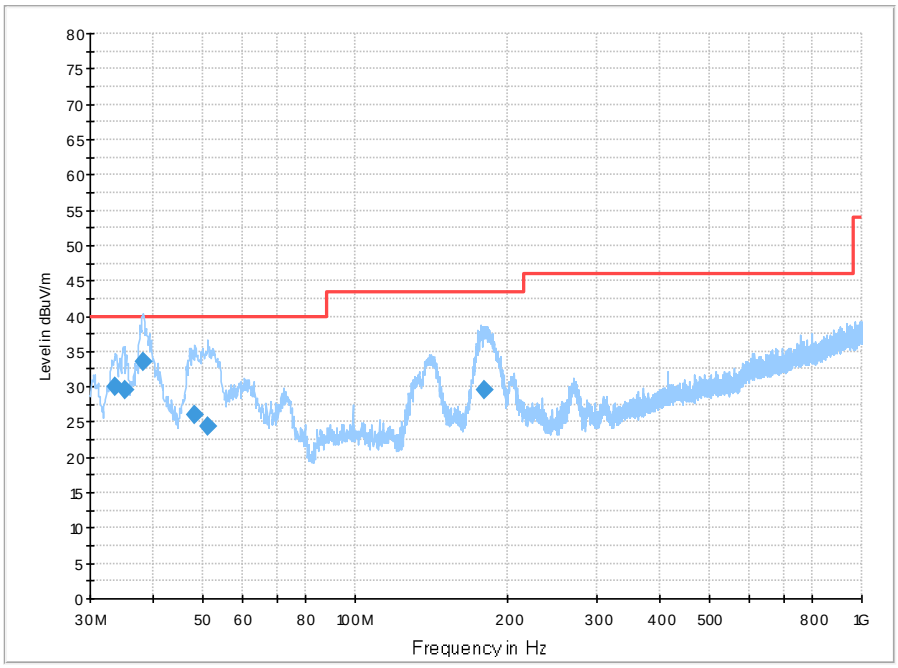

Fig A.1 Radiated Emission from 30MHz to 1GHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Comment
33.686000	30.0	100.0	V	18.0	-1.0	10.0	40.0	
35.141000	29.5	100.0	V	198.0	-0.6	10.5	40.0	
38.245000	33.6	100.0	V	18.0	0.0	6.4	40.0	
48.333000	26.1	100.0	V	57.0	0.4	13.9	40.0	
51.146000	24.5	125.0	V	83.0	0.2	15.5	40.0	
180.447000	29.6	100.0	V	0.0	-2.4	13.9	43.5	

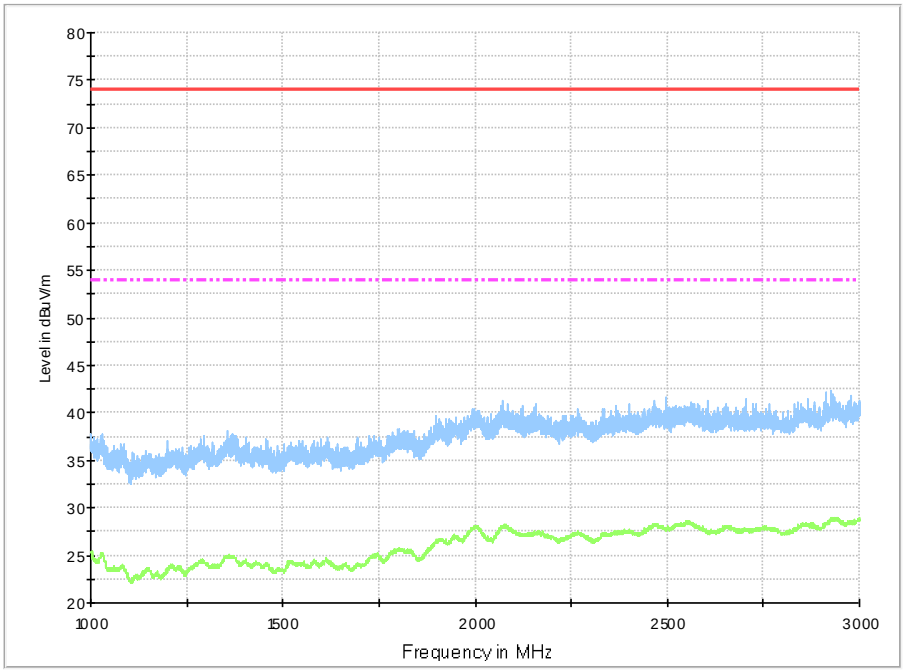

Fig A.2 Radiated Emission from 1GHz to 3GHz

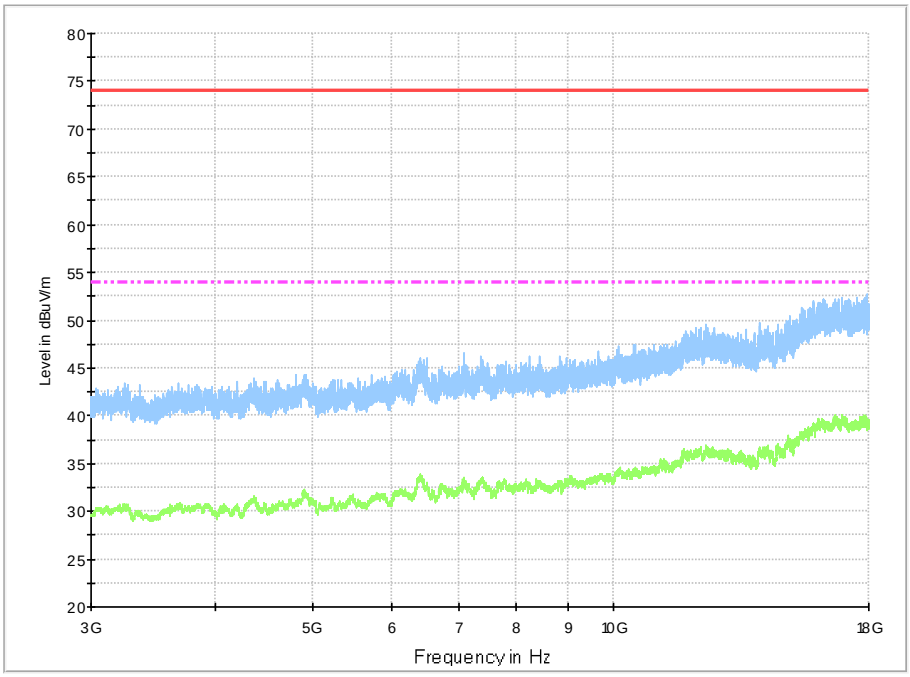

Fig A.3 Radiated Emission from 3GHz to 18GHz

Measurement results for Set.2:

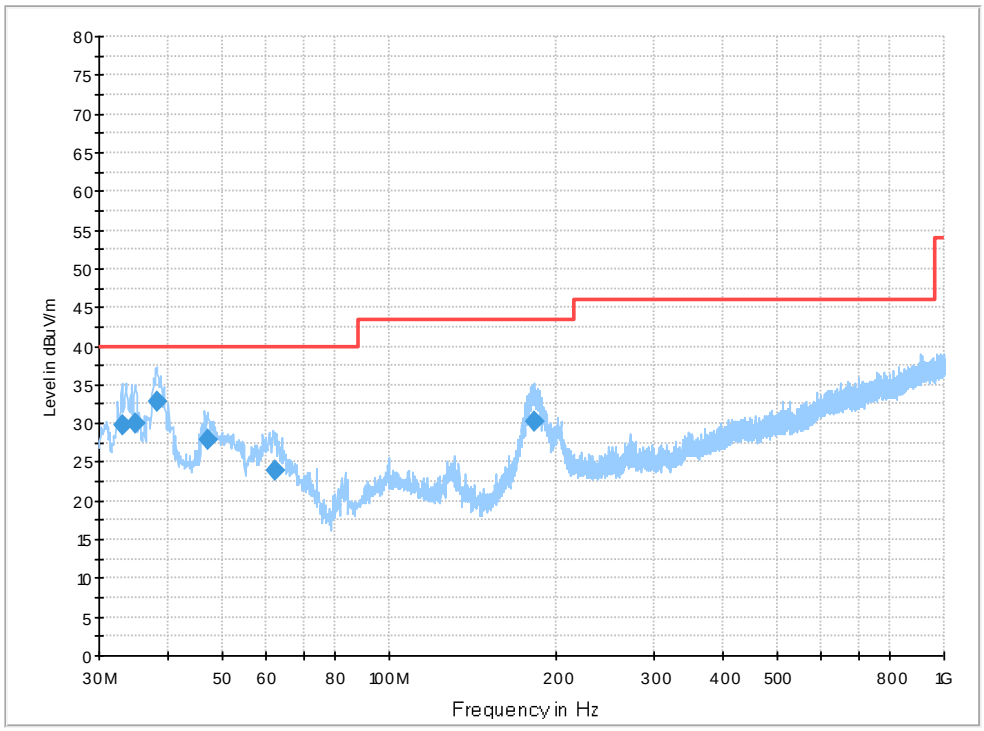

Fig A.4 Radiated Emission from 30MHz to 1GHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Comment
33.007000	29.9	100.0	V	282.0	-1.1	10.1	40.0	
34.850000	30.1	100.0	V	225.0	-0.7	9.9	40.0	
38.148000	32.8	100.0	V	270.0	0.0	7.2	40.0	
47.169000	27.9	100.0	V	70.0	0.5	12.1	40.0	
62.398000	23.8	100.0	V	135.0	-0.7	16.2	40.0	
182.775000	30.2	100.0	V	5.0	-2.1	13.3	43.5	

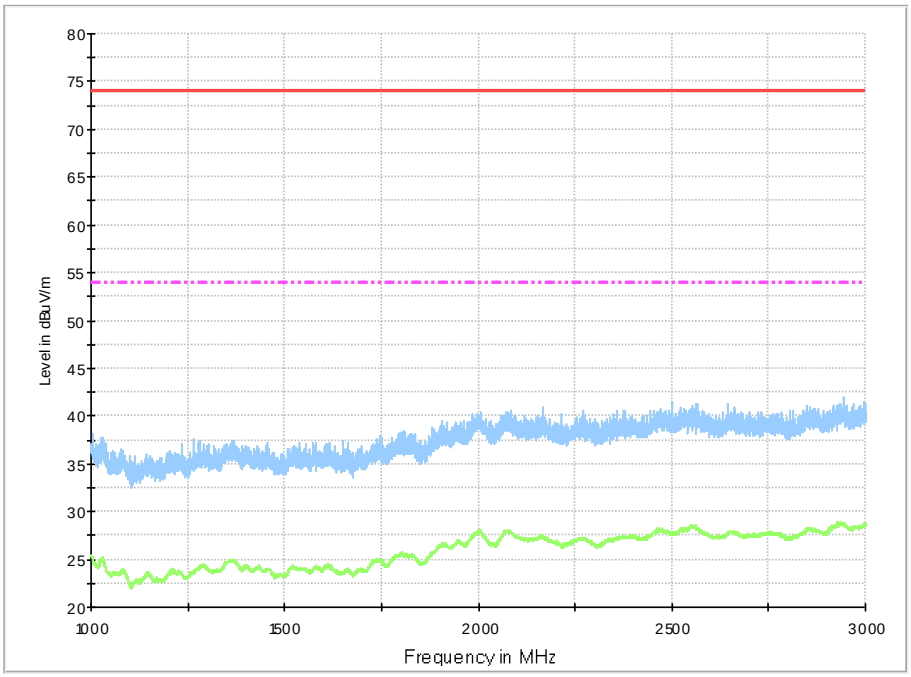

Fig A.5 Radiated Emission from 1GHz to 3GHz

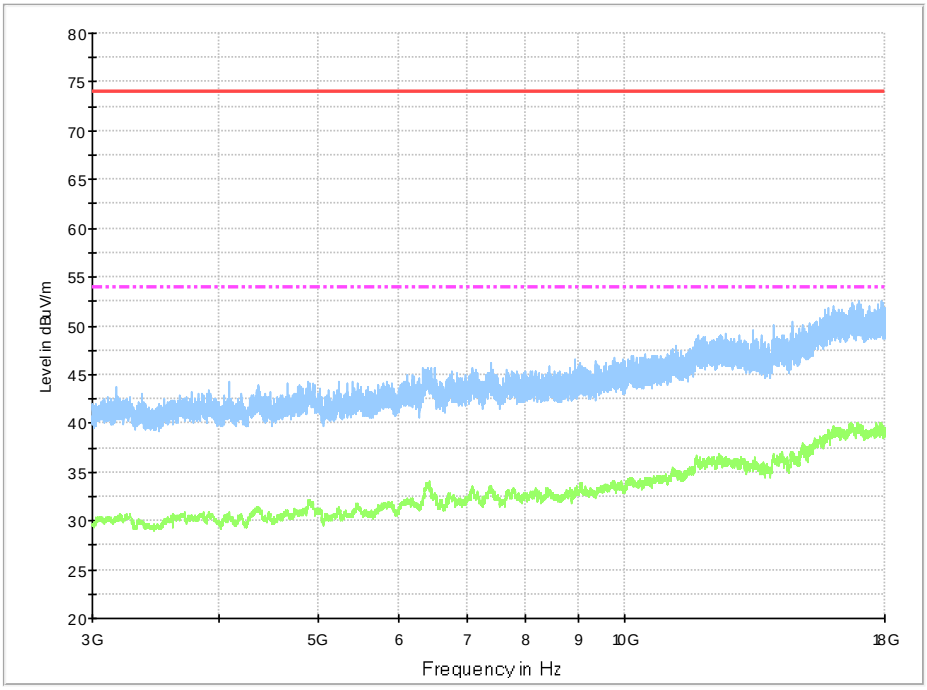

Fig A.6 Radiated Emission from 3GHz to 18GHz

Measurement results for Set.3:

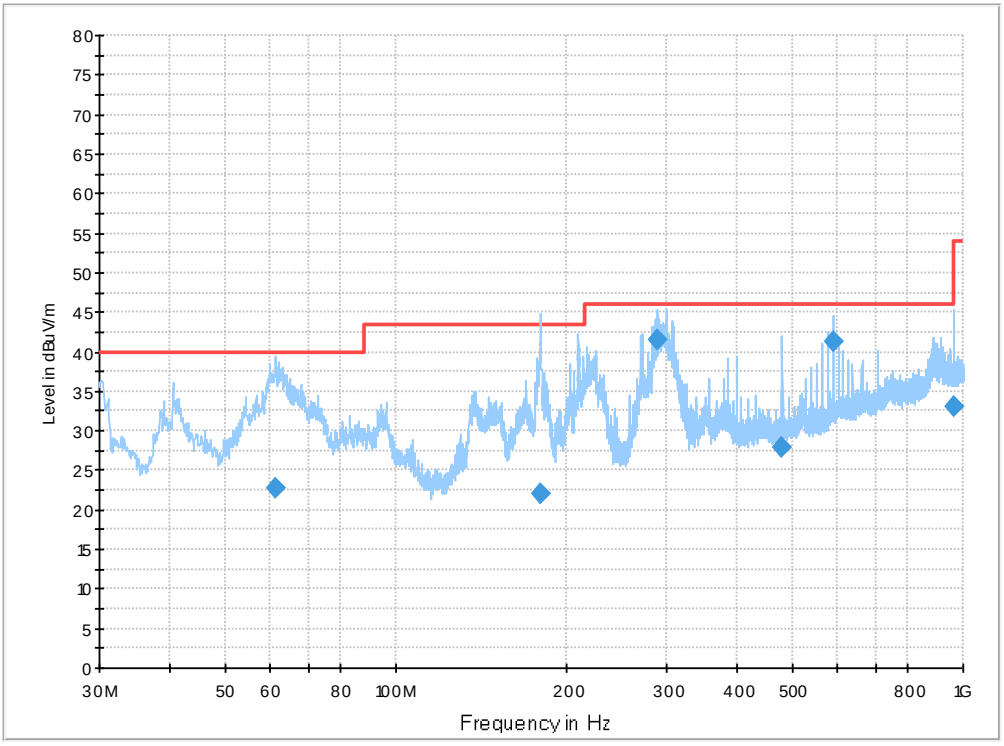

Fig A.7 Radiated Emission from 30MHz to 1GHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Comment
61.428000	22.8	113.0	H	295.0	-0.4	17.2	40.0	
179.865000	22.0	100.0	V	116.0	-2.4	21.5	43.5	
288.117000	41.5	100.0	H	90.0	1.7	4.5	46.0	
479.983000	27.9	125.0	V	193.0	7.1	18.1	46.0	
589.787000	41.4	125.0	V	193.0	9.3	4.6	46.0	
960.036000	33.1	113.0	V	199.0	13.9	20.9	54.0	

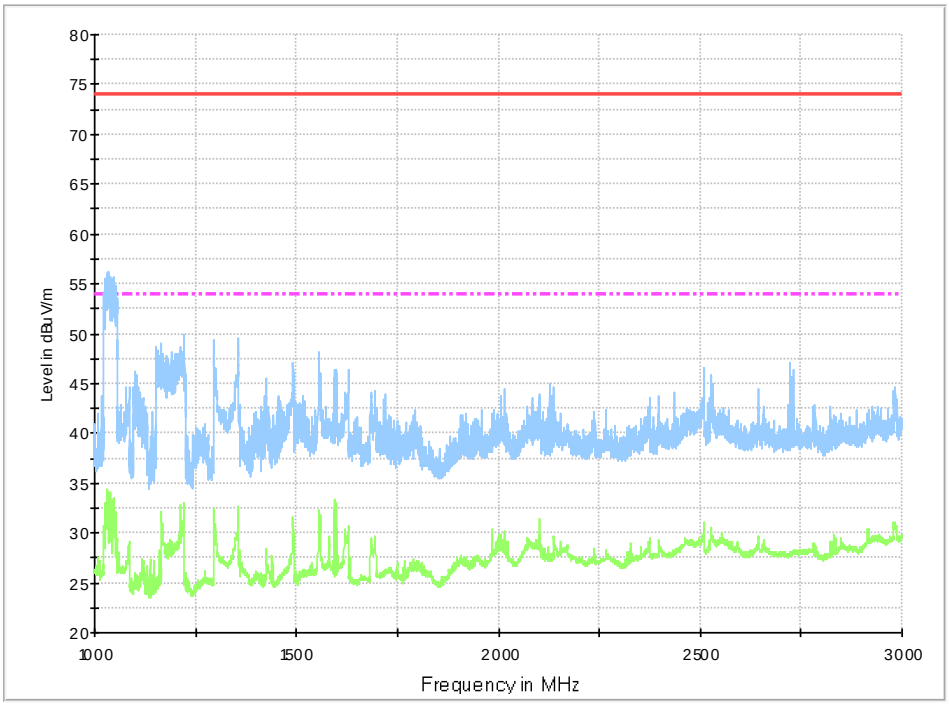

Fig A.8 Radiated Emission from 1GHz to 3GHz

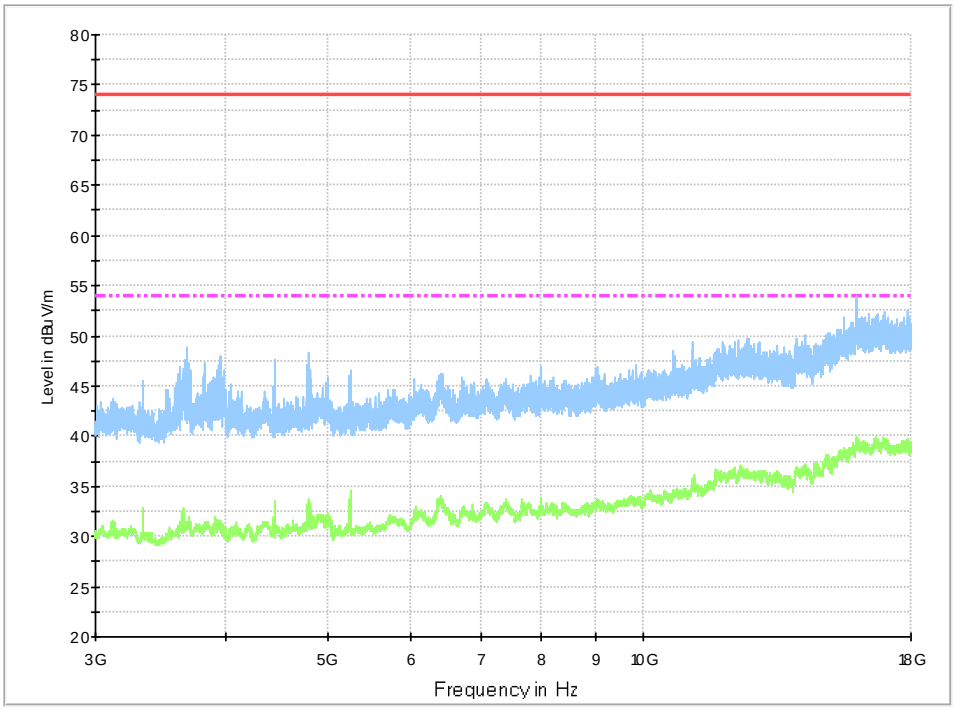

Fig A.9 Radiated Emission from 3GHz to 18GHz

Measurement results for Set.4:

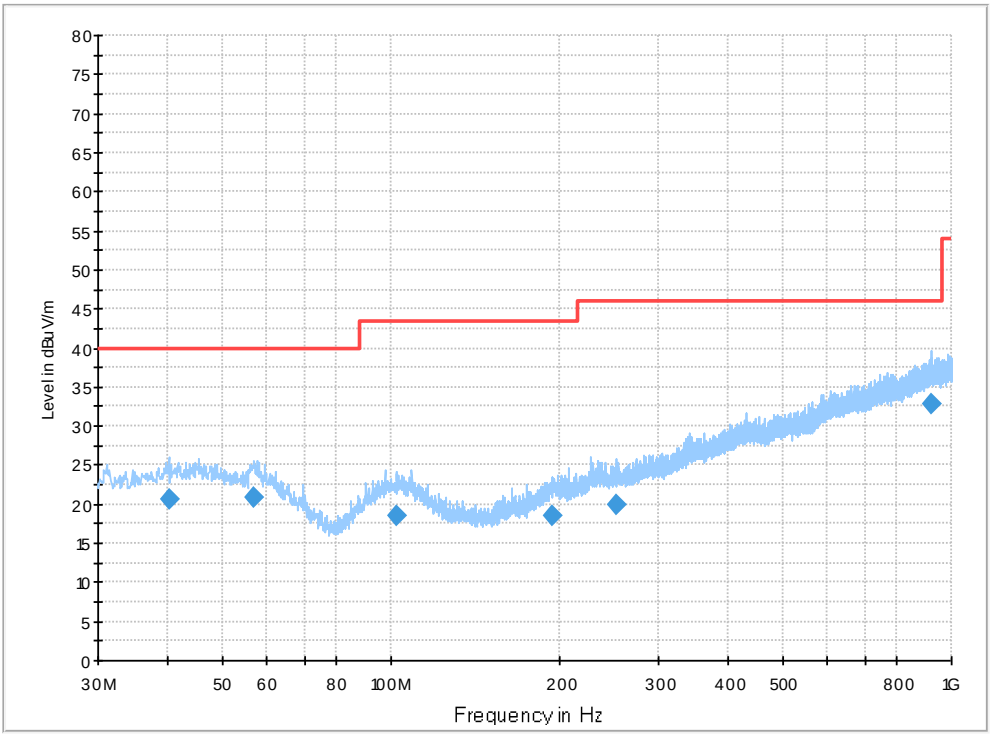

Fig A.10 Radiated Emission from 30MHz to 1GHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBuV/m)	Comment
40.088000	20.6	125.0	V	192.0	0.3	19.4	40.0	
57.063000	21.0	100.0	V	83.0	1.2	19.0	40.0	
102.168000	18.5	100.0	V	83.0	-0.5	25.0	43.5	
194.512000	18.6	100.0	V	-1.0	-0.3	24.9	43.5	
252.033000	19.9	113.0	H	270.0	1.0	26.2	46.0	
918.132000	32.9	125.0	H	160.0	13.7	13.1	46.0	

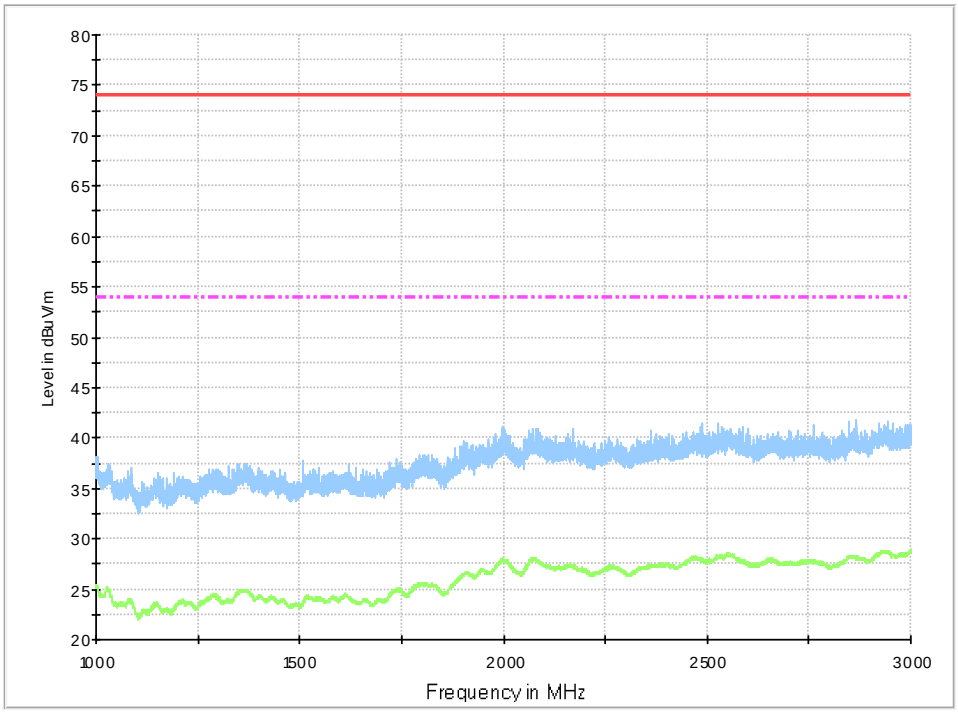

Fig A.11 Radiated Emission from 1GHz to 3GHz

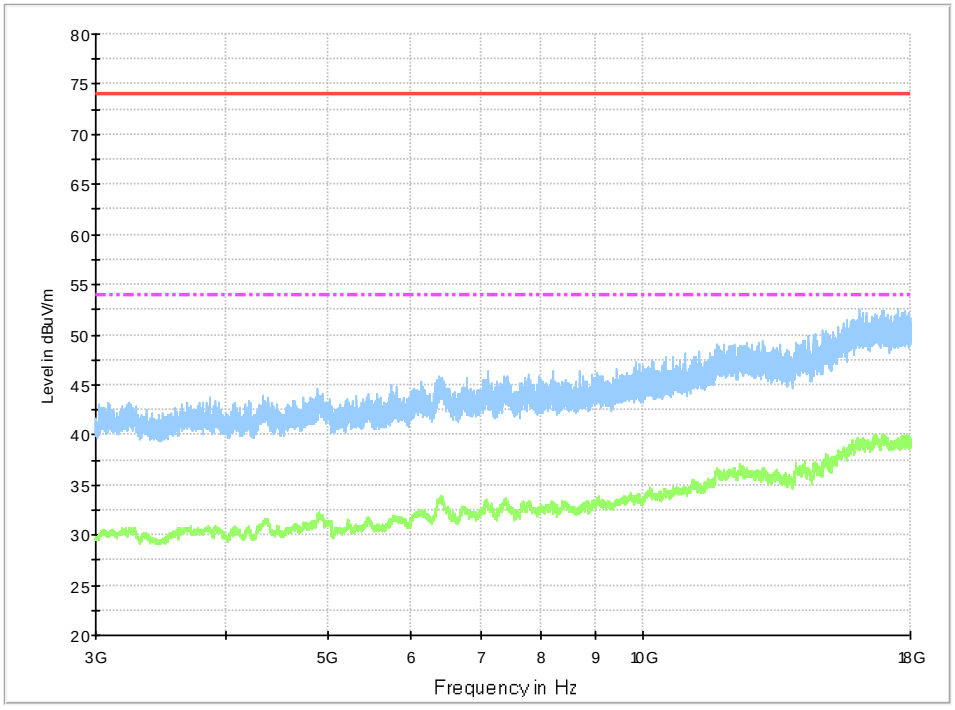

Fig A.12 Radiated Emission from 3GHz to 18GHz

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*= 3.10 dB, *k*=2.

Charging Mode, Set.1:

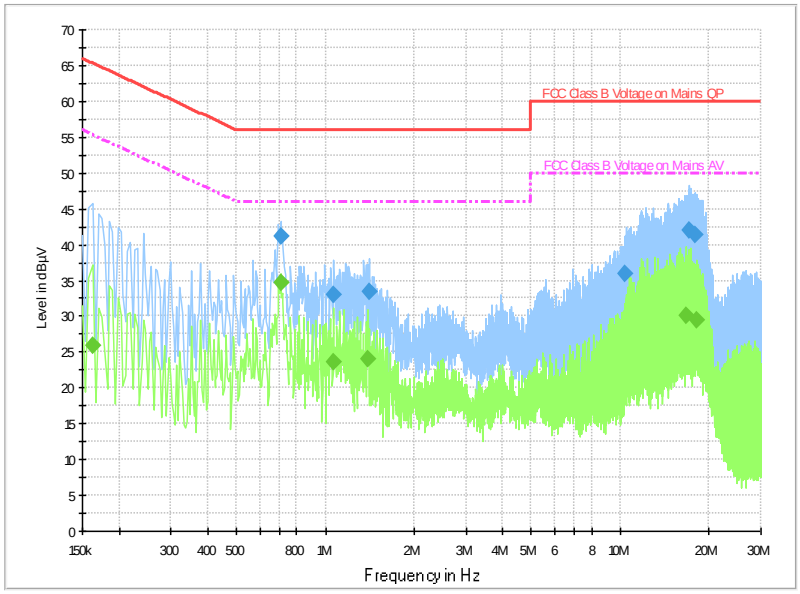

Fig A.13 Conducted Emission from 150kHz to 30MHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBuV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)	Comment
0.706000	41.2	2000.0	9.000	On	L1	20.0	14.8	56.0	
1.066000	33.0	2000.0	9.000	On	L1	19.9	23.0	56.0	
1.414000	33.4	2000.0	9.000	On	L1	19.9	22.6	56.0	
10.370000	35.9	2000.0	9.000	On	N	19.7	24.1	60.0	
17.142000	41.9	2000.0	9.000	On	L1	20.0	18.1	60.0	
17.950000	41.5	2000.0	9.000	On	L1	20.0	18.5	60.0	

Final Result 2

Frequency (MHz)	Average (dBuV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)	Comment
0.162000	25.9	2000.0	9.000	On	N	19.8	29.5	55.4	
0.706000	34.8	2000.0	9.000	On	L1	20.0	11.2	46.0	
1.066000	23.6	2000.0	9.000	On	L1	19.9	22.4	46.0	
1.398000	24.0	2000.0	9.000	On	L1	19.9	22.0	46.0	
16.774000	30.1	2000.0	9.000	On	L1	20.0	19.9	50.0	
18.098000	29.5	2000.0	9.000	On	L1	20.0	20.5	50.0	

Charging Mode, Set.2:

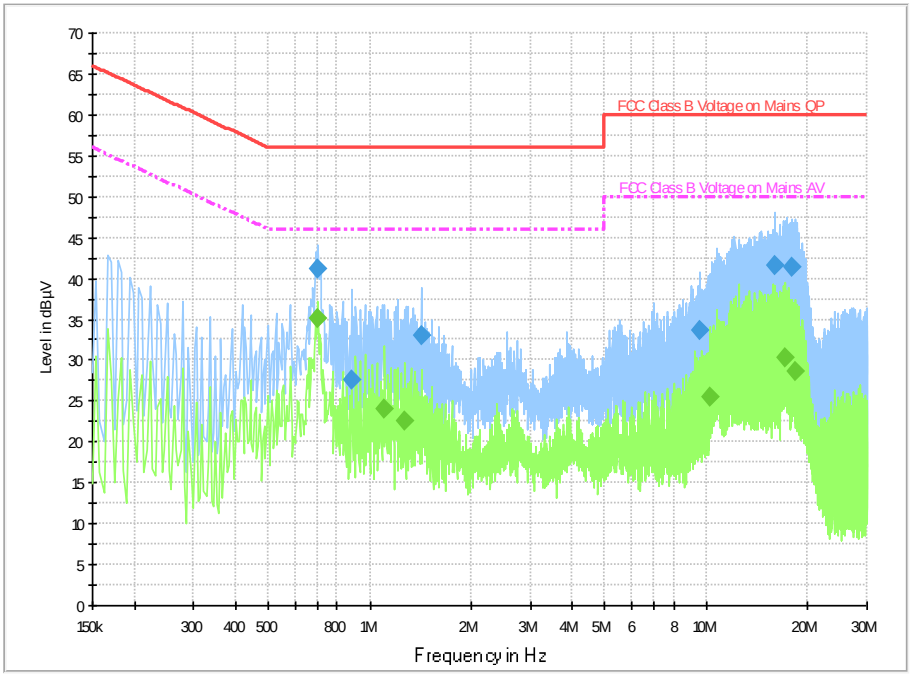

Fig A.14 Conducted Emission from 150kHz to 30MHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBuV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)	Comment
0.702000	41.2	2000.0	9.000	On	L1	20.0	14.8	56.0	
0.886000	27.6	2000.0	9.000	On	N	19.8	28.4	56.0	
1.422000	33.0	2000.0	9.000	On	L1	19.9	23.0	56.0	
9.598000	33.7	2000.0	9.000	On	N	19.7	26.3	60.0	
16.002000	41.7	2000.0	9.000	On	L1	20.0	18.3	60.0	
18.050000	41.4	2000.0	9.000	On	L1	20.0	18.6	60.0	

Final Result 2

Frequency (MHz)	Average (dBuV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)	Comment
0.702000	35.1	2000.0	9.000	On	L1	20.0	10.9	46.0	
1.106000	24.0	2000.0	9.000	On	L1	19.9	22.0	46.0	
1.270000	22.6	2000.0	9.000	On	L1	19.9	23.4	46.0	
10.266000	25.6	2000.0	9.000	On	L1	19.9	24.4	50.0	
17.038000	30.2	2000.0	9.000	On	L1	20.0	19.8	50.0	
18.442000	28.6	2000.0	9.000	On	L1	20.0	21.4	50.0	

USB Mode, Set.3:

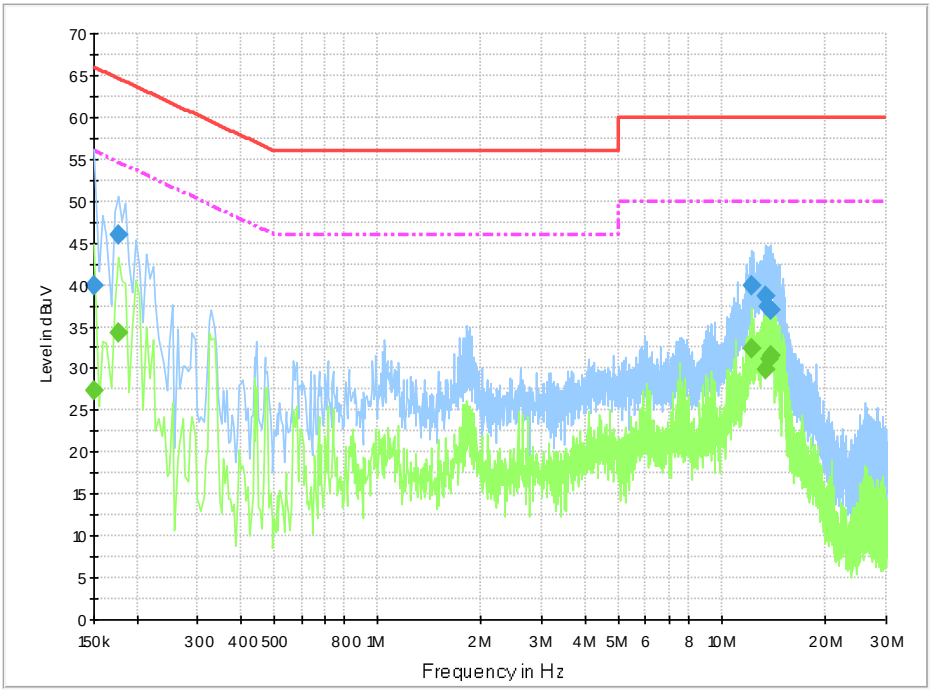

Fig A.15 Conducted Emission from 150kHz to 30MHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBuV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)	Comment
0.150000	39.9	2000.0	9.000	On	N	20.3	26.1	66.0	
0.177000	46.0	2000.0	9.000	On	L1	20.0	18.6	64.6	
12.241500	40.0	2000.0	9.000	On	L1	19.9	20.0	60.0	
13.339500	38.6	2000.0	9.000	On	N	20.2	21.4	60.0	
13.492500	37.3	2000.0	9.000	On	N	20.2	22.7	60.0	
13.852500	37.1	2000.0	9.000	On	N	20.2	22.9	60.0	

Final Result 2

Frequency (MHz)	Average (dBuV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)	Comment
0.150000	27.4	2000.0	9.000	On	L1	20.2	28.6	56.0	
0.177000	34.2	2000.0	9.000	On	L1	20.0	20.4	54.6	
12.223500	32.3	2000.0	9.000	On	L1	19.9	17.7	50.0	
13.339500	29.8	2000.0	9.000	On	L1	20.0	20.2	50.0	
13.627500	31.1	2000.0	9.000	On	L1	20.0	18.9	50.0	
13.888500	31.5	2000.0	9.000	On	N	20.2	18.5	50.0	

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