



TEST REPORT

No. I22Z60589-EMC01

for

Sonim Technologies, Inc.

Smart phone

**Model Name: XP9900(P14001),XP9900(P14002),XP9900(P14003),
XP9900(P14004),XP9900(P14005),XP9900(P14006),XP9900(P14010)**

FCC ID: WYPP14010

with

Hardware Version: V1.0

Software Version: 10.0.0-01-12.0.0-10.60.10

Issued Date: 2022-08-16

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
I22Z60589-EMC01	Rev.0	1 st edition	2022-07-18
I22Z60589-EMC01	Rev.1	Adding the test model XP9900(P14001) in P6 Adding the WPT function	2022-08-04
I22Z60589-EMC01	Rev.2	Adding the 9kHz-30MHz RE results for wireless charger	2022-08-16

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



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1. Test Laboratory

1.1. Introduction & Accreditation

Telecommunication Technology Labs, CAICT is an ISO/IEC 17025:2005 accredited test laboratory under NATIONAL VOLUNTARY LABORATORY ACCREDITATION PROGRAM (NVLAP) with lab code 600118-0, and is also an FCC accredited test laboratory (CN5017), and ISED accredited test laboratory (CN0066). The detail accreditation scope can be found on NVLAP website.

1.2. Testing Location

CTTL (huayuan North Road)

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

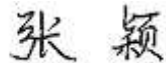
1.3. Testing Environment

Normal Temperature: 15-35° C
Relative Humidity: 20-75%

1.4. Project data

Testing Start Date: 2022-07-07
Testing End Date: 2022-07-17

1.5. Signature



Zhang Ying
(Prepared this test report)



An Hui
(Reviewed this test report)



Zhang Xia
Deputy Director of the laboratory
(Approved this test report)



2. Client Information

2.1. Applicant Information

Company Name: Sonim Technologies, Inc.
Address /Post: 6500 River Place Blvd. Building 7, Suite 250 Austin, TX 78730 USA
Contact: Avena xu
Email: Avena.xu@sonimtech.com
Telephone: 1-650-378-8100

2.2. Manufacturer Information

Company Name: Sonim Technologies, Inc.
Address /Post: 6500 River Place Blvd. Building 7, Suite 250 Austin, TX 78730 USA
Contact: Avena xu
Email: Avena.xu@sonimtech.com
Telephone: 1-650-378-8100

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

3.1. About EUT

Description	Smart phone
Model Name	XP9900(P14001),XP9900(P14002),XP9900(P14003), XP9900(P14004),XP9900(P14005),XP9900(P14006),XP9900(P14010)
FCC ID	WYPP14010
Extreme vol. Limits	3.6VDC to 4.45VDC (nominal: 3.9VDC)

Note: model XP9900(P14001) is under the test.

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
UT95a	016188000000427	V1.0	10.0.0-01-12.0.0-10.60.10

Note: The model of UT95a is XP9900(P14001)

*EUT ID: is used to identify the test sample in the lab internally.

Model name	XP9900	XP9900	XP9900	XP9900	XP9900	XP9900	XP9900
Type number	P14001	P14002	P14003	P14004	P14005	P14006	P14010
Certification type	initial	variant	variant	variant	variant	variant	variant
Hardware difference	initial	no	no	no	no	no	no
Software difference	initial	Carrier customization, no RF change	Carrier customization, no RF change	Carrier customization, no RF change	Add Google RCS; Add TTY;	Add IR.94 video call; Add Google RCS; Add TTY	Add Google RCS; Add TTY;
				Remove OMA-DM; Remove FUMO; Remove RTT;	Remove OMA-DM; Remove FUMO; Remove RTT;	Remove OMA-DM; Remove FUMO;	Remove OMA-DM; Remove FUMO;

Note: The differences of P14001/P14002/ P14003/ P14004/ P14005/ P14006/ P14010 do not affect the RF function.

3.3. Internal Identification of AE used during the test

AE ID*	Description	SN
AE1	Battery	/
AE2	Charger	/
AE3	USB Cable	/
AE4	HeadSet	/
AE5	Wireless charger	
AE1		
Model		BAT-05000-01S
Manufacturer		Dongguan Veken Battery Co., Ltd.
AE2		
Model		1-CHUSQ302-097
Manufacturer		HUIZHOU PUAN ELECTRONICS CO.,LTD
AE3		
Model		336278
Manufacturer		SUNTOPS ELECTRONICS CO.,LTD
AE4		
Model	/	
Manufacturer	/	
AE5		
Model	/	
Manufacturer	/	

*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.1	UT95a + AE1 + AE3 + AE2	Charger
Set.2	UT95a + AE1 + AE3	USB
Set.3	UT95a + AE1 + AE4	FM
Set.4	UT95a + AE1 + AE5	Wireless charger

3.5. Test summary

EUT set-up No.	Test mode	Test result	
		Radiated Emission	Conducted Emission
Set.1	WCDMA 850 idle	Pass	Pass
Set.1	LTE band 5 idle	Pass	/
Set.1	LTE band 12 idle	Pass	/
Set.1	LTE band 13 idle	Pass	/
Set.1	LTE band 14 idle	Pass	/



Set.1	LTE band 26 idle	Pass	/
Set.1	LTE band 71 idle	Pass	/
Set.1	DC_30A_n5A idle	Pass	/
Set.1	DC_2A_n14A idle	Pass	/
Set.1	DC_2A_n71A idle	Pass	/
Set.2	USB	Pass	Pass
Set.3	FM	Pass	/
Set.4	Wireless charger	Pass	Pass

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	2021
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 (23 meters×17meters×10meters) 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
Ground system resistance	< 4
Normalised site attenuation (NSA)	< ± 4 dB, 3m/10m distance, from 30 to 1000 MHz
Site voltage standing-wave ratio (S_{VSWR})	Between 0 and 6 dB, from 1GHz to 18GHz

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	LISN	ENV216	101200	R&S	2023-05-30	1 Year
2	Test Receiver	ESCI 3	100344	R&S	2023-02-21	1 year
3	Test Receiver	ESW44	103023	R&S	2022-10-28	1 year
4	EMI Antenna	VULB 9163	302	Schwarzbeck	2022-12-28	1 Year
5	EMI Antenna	3115	6914	ETS-Lindgren	2023-01-20	1 year
7	Universal Radio Communication Tester	CMW500	116588	R&S	2022-12-20	1 Year
9	PC	OPTIPLEX 380	2X1YV2X	DELL	N/A	N/A
9	Printer	P1606dn	VNC3L52122	HP	N/A	N/A
10	Keyboard	L100	CN0RH6596589 07ATOI40	DELL	N/A	N/A
11	Mouse	M-UAE119	LZ935220ZRC	Lenovo	N/A	N/A

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 3/10 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 with Camera/MP3. 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.

The model of the PC is M4000E-17, and the serial number of the PC is M706GWXD. The software is used to let the PC keep on copying data to MS, reading and erasing the data after copy action was finished.

Note: I/O information: Printer – USB, Mouse – PS/2, Keyboard – USB.

A.1.3 Measurement Limit

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

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

A.1.4 Test Condition

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

A.1.5 Measurement Results

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

The measurement results are obtained as described below:

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

Where

G_A : Antenna factor of receive antenna

G_{PL} : Path Loss

P_{Mea} : Measurement result on receiver.

Measurement uncertainty:

Frequency range	Measurement uncertainty
30MHz-1GHz	5.18dB, k=2
1GHz-18GHz	5.54dB, k=2

Measurement results for Set.1, LTE band 13 idle(worst case):
Charging Mode/QP detector

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)
42.998000	11.64	29.54	17.90	175.0	V	193.0
47.363000	13.52	29.54	16.02	100.0	V	184.0
75.396000	16.23	29.54	13.31	175.0	V	43.0
115.166000	23.47	33.06	9.59	125.0	V	191.0
185.394000	10.53	33.06	22.53	111.0	V	234.0
278.029000	16.45	35.56	19.11	186.0	V	326.0

Measurement results for Set.1, LTE band 12 idle(worst case):
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)
17998.640	46.3	-29.1	46.7	28.698	54.0	7.7	H
17908.200	45.5	-29.3	46.0	28.872	54.0	8.5	H
17926.220	45.4	-29.4	46.7	28.139	54.0	8.6	H
17909.900	45.4	-29.3	46.0	28.772	54.0	8.6	V
17999.660	45.3	-29.1	46.7	27.698	54.0	8.7	H
17906.840	45.3	-29.3	46.0	28.672	54.0	8.7	V

Measurement results for Set.1, LTE band 5 idle(worst case):
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)
17806.540	58.0	-29.6	46.0	41.7	74.0	16.0	H
17785.120	57.4	-29.9	46.0	41.3	74.0	16.6	H
17620.900	56.0	-29.4	45.2	40.2	74.0	18.0	H
17974.160	56.0	-29.1	46.7	38.4	74.0	18.0	H
17918.400	55.8	-29.3	46.7	38.5	74.0	18.2	H
17801.440	55.7	-29.6	46.0	39.4	74.0	18.3	H

Measurement results for Set.2, USB:
Charging Mode/QP detector

Frequency (MHz)	QuasiPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)
61.816000	19.76	29.54	9.78	303.0	V	315.0
73.747000	17.90	29.54	11.64	283.0	V	135.0
103.332000	19.77	33.06	13.29	108.0	V	255.0
117.203000	21.34	33.06	11.72	125.0	V	195.0
240.005000	19.81	35.56	15.75	222.0	V	60.0
399.958000	21.35	35.56	14.21	100.0	V	225.0

Charging 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)
17919.080	45.8	-29.3	46.7	28.465	54.0	8.2	V
17939.140	45.7	-29.4	46.7	28.439	54.0	8.3	V
17965.320	45.5	-29.1	46.7	27.901	54.0	8.5	V
17912.280	45.4	-29.3	46.0	28.772	54.0	8.6	V
17631.100	45.4	-29.4	45.2	29.552	54.0	8.6	H
17905.820	45.3	-29.3	46.0	28.672	54.0	8.7	V

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)
17992.860	56.3	-29.1	46.7	38.7	74.0	17.7	H
17995.920	56.1	-29.1	46.7	38.5	74.0	17.9	H
17720.860	56.1	-29.7	45.2	40.5	74.0	17.9	H
17825.920	56.1	-29.7	46.0	39.8	74.0	17.9	H
17889.500	55.6	-29.5	46.0	39.2	74.0	18.4	H
17833.060	55.5	-29.7	46.0	39.2	74.0	18.5	H

Measurement results for Set.3, FM:
Charging Mode/QP detector

Frequency (MHz)	QuasiPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)
40.185000	8.67	29.54	20.87	313.0	V	28.0
56.578000	10.32	29.54	19.22	225.0	H	48.0
102.653000	8.60	33.06	24.46	223.0	H	261.0
200.429000	7.44	33.06	25.62	323.0	H	238.0
346.026000	11.51	35.56	24.05	125.0	H	164.0
740.234000	18.36	35.56	17.20	283.0	H	287.0

Charging 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)
17647.080	45.6	-29.6	45.2	29.953	54.0	8.4	V
17808.920	45.5	-29.6	46.0	29.176	54.0	8.5	H
17820.140	45.5	-29.7	46.0	29.224	54.0	8.5	V
17987.760	45.5	-29.1	46.7	27.898	54.0	8.5	H
17801.100	45.5	-29.6	46.0	29.176	54.0	8.5	V
17983.680	45.4	-29.1	46.7	27.798	54.0	8.6	V

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)
17916.700	56.3	-29.3	46.7	39.0	74.0	17.7	V
17993.880	56.2	-29.1	46.7	38.6	74.0	17.8	H
17929.280	56.1	-29.4	46.7	38.8	74.0	17.9	V
17998.980	56.1	-29.1	46.7	38.5	74.0	17.9	V
17978.240	55.7	-29.1	46.7	38.1	74.0	18.3	H
17853.120	55.6	-29.3	46.0	39.0	74.0	18.4	V

Measurement results for Set.4, Wireless charger:**Charging Mode/QP detector**

Frequency (MHz)	QuasiPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)
40.670000	14.83	29.54	14.71	302.0	V	327.0
54.153000	14.82	29.54	14.72	125.0	V	336.0
67.733000	23.42	29.54	6.12	221.0	V	-5.0
108.376000	15.38	33.06	17.68	181.0	V	154.0
121.956000	17.85	33.06	15.21	108.0	V	7.0
186.364000	21.66	33.06	11.40	125.0	V	293.0

Measurement results for Set.1, LTE band 5 idle:

Full Spectrum

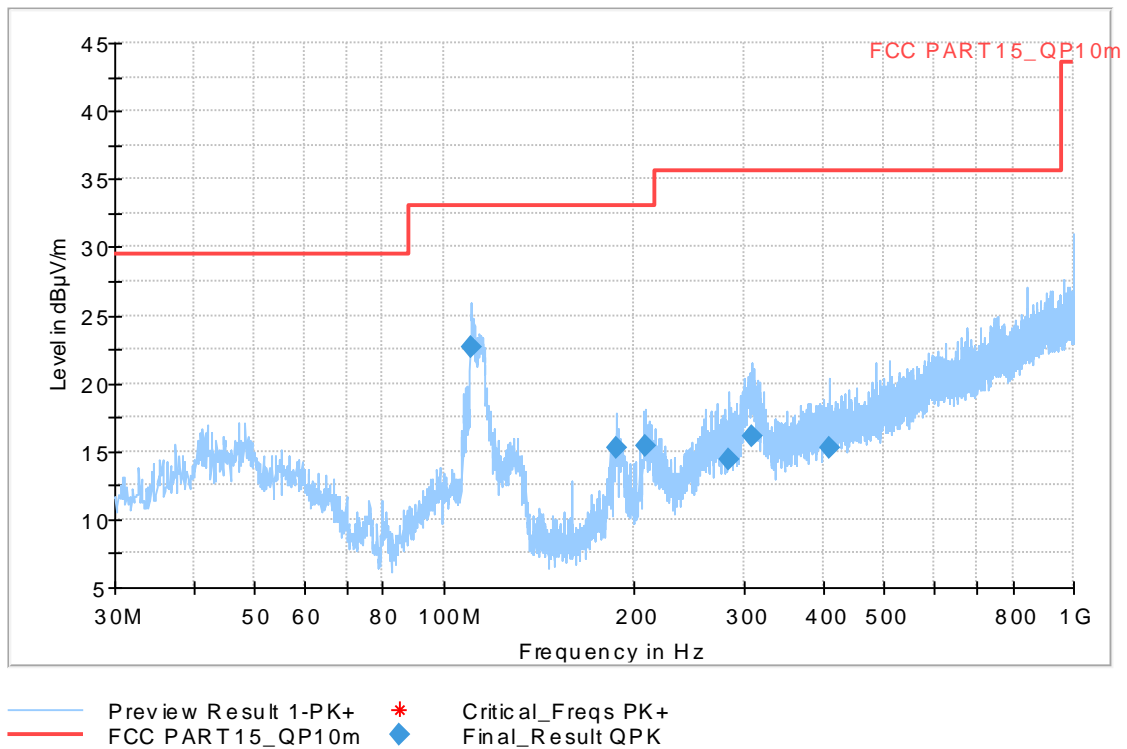


Fig A.1 Radiated Emission from 30MHz to 1GHz

Full Spectrum

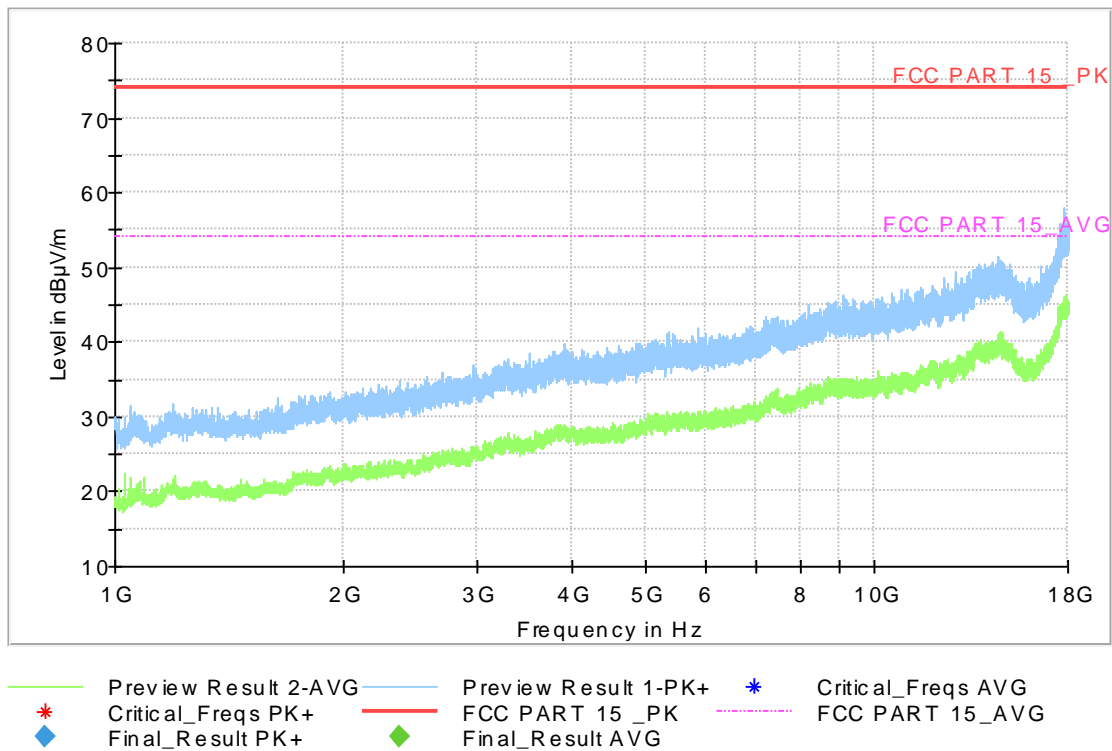


Fig A.2 Radiated Emission from 1GHz to 18GHz

Measurement results for Set.1, LTE band 12 idle:

Full Spectrum

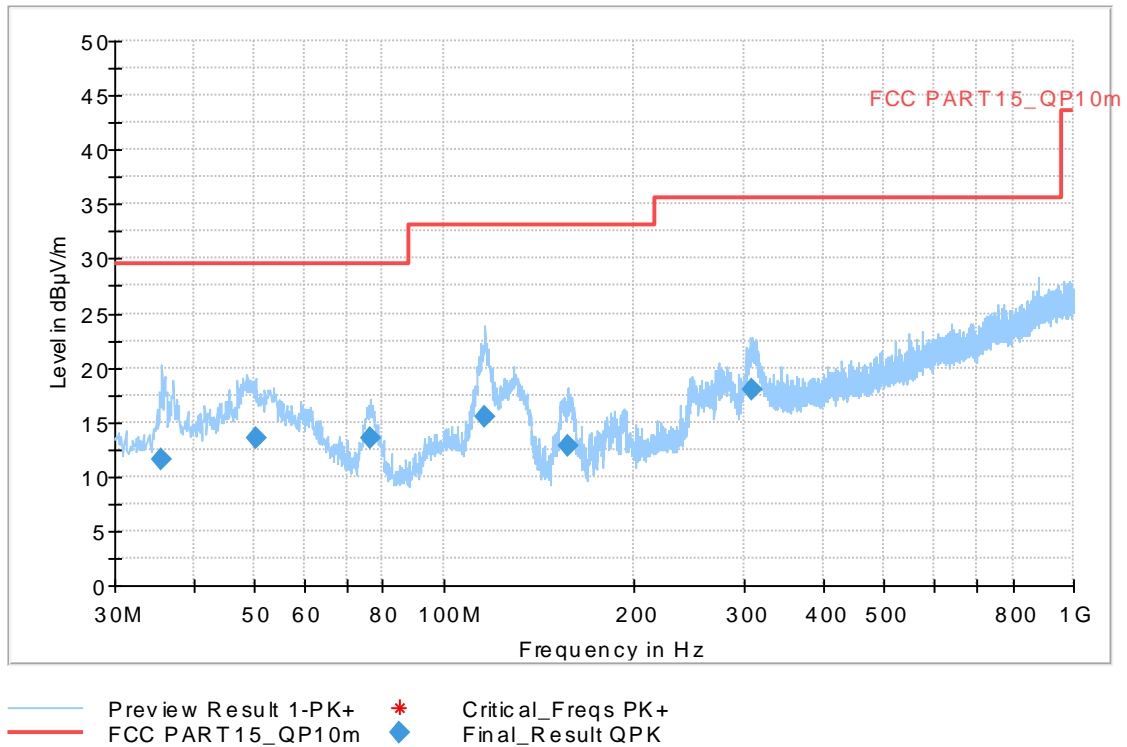


Fig A.3 Radiated Emission from 30MHz to 1GHz

Full Spectrum

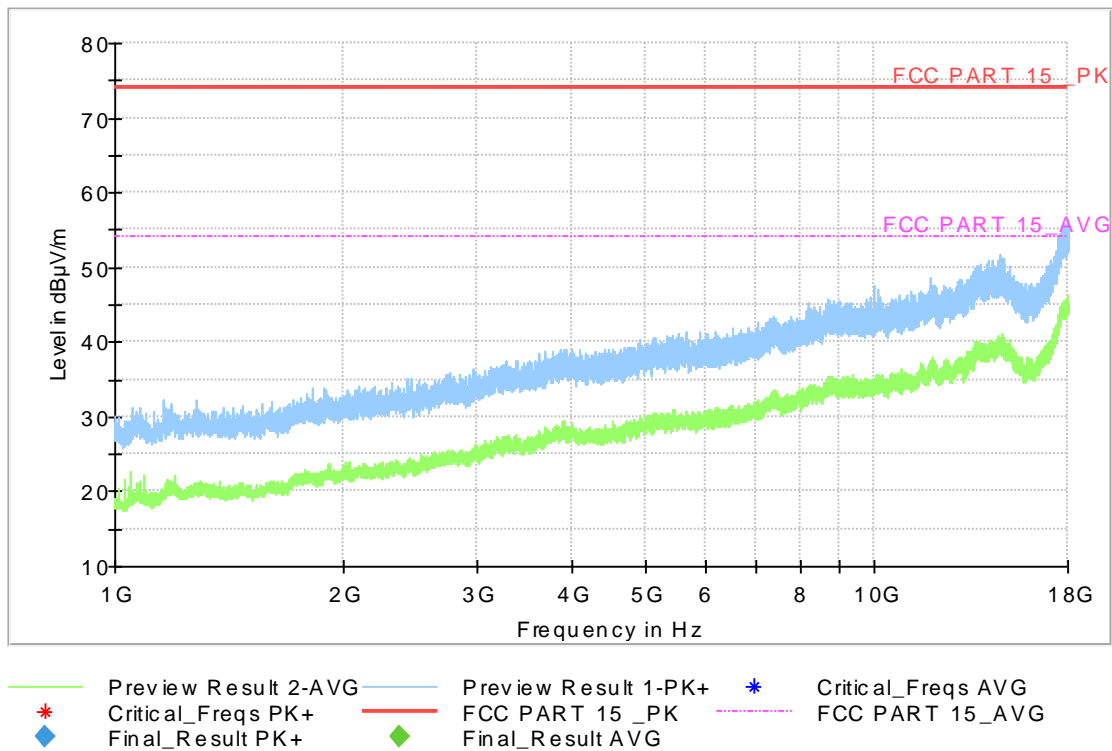


Fig A.4 Radiated Emission from 1GHz to 18GHz

Measurement results for Set.1, LTE band 13 idle:

Full Spectrum

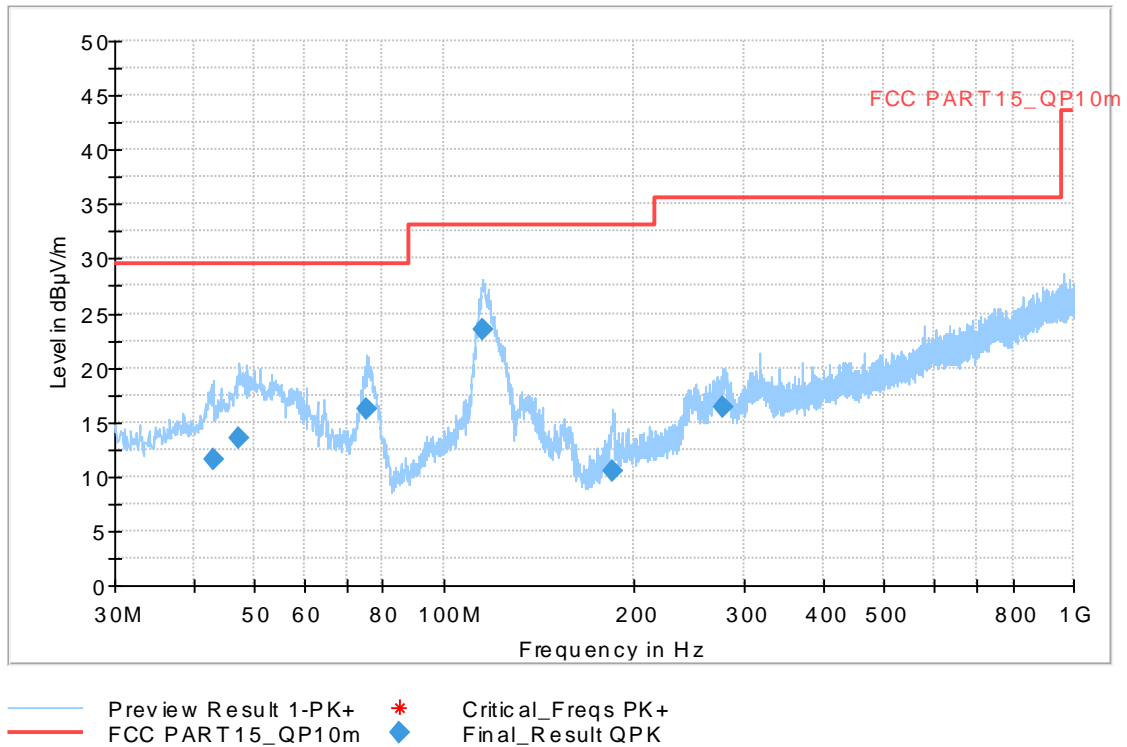


Fig A.5 Radiated Emission from 30MHz to 1GHz

Full Spectrum

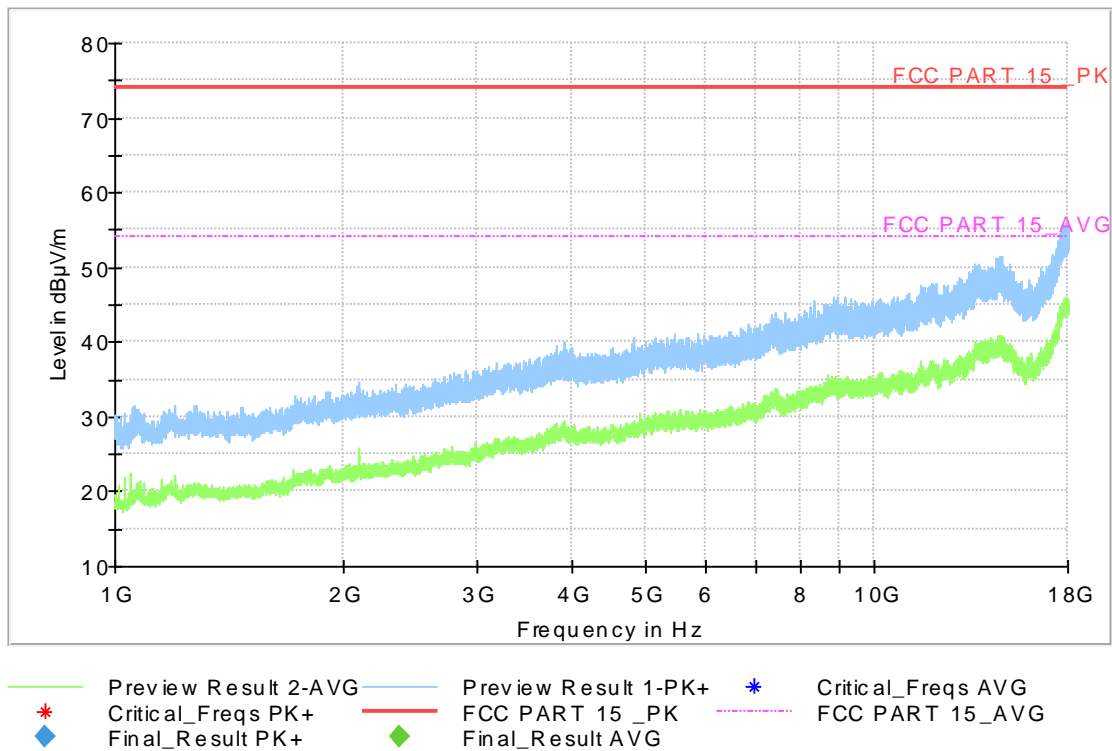


Fig A.6 Radiated Emission from 1GHz to 18GHz

Measurement results for Set.2, USB transfer:

Full Spectrum

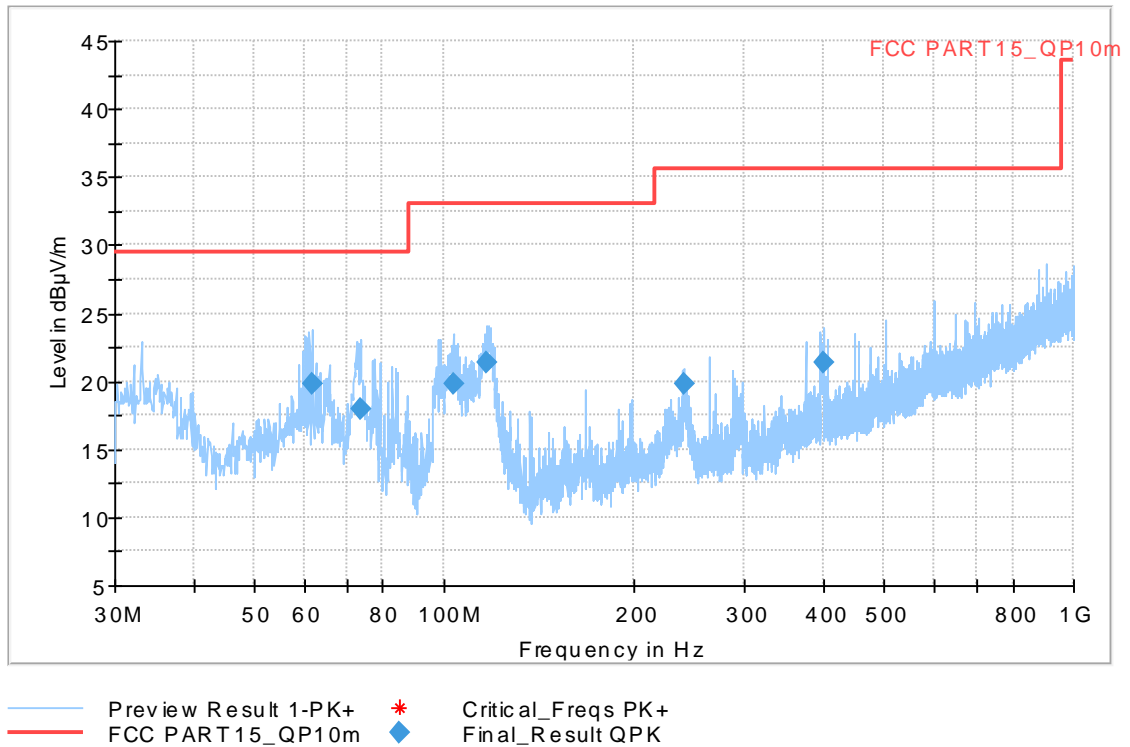


Fig A.7 Radiated Emission from 30MHz to 1GHz

Full Spectrum

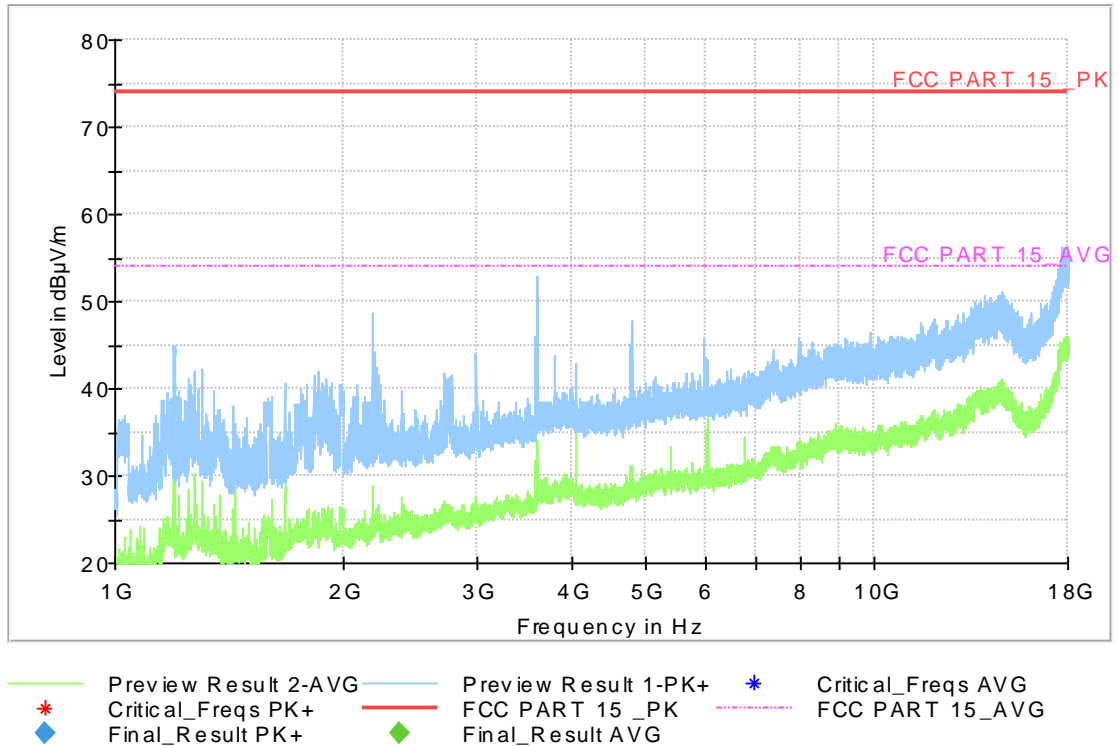


Fig A.8 Radiated Emission from 1GHz to 18GHz

Measurement results for Set.3, FM:

Full Spectrum

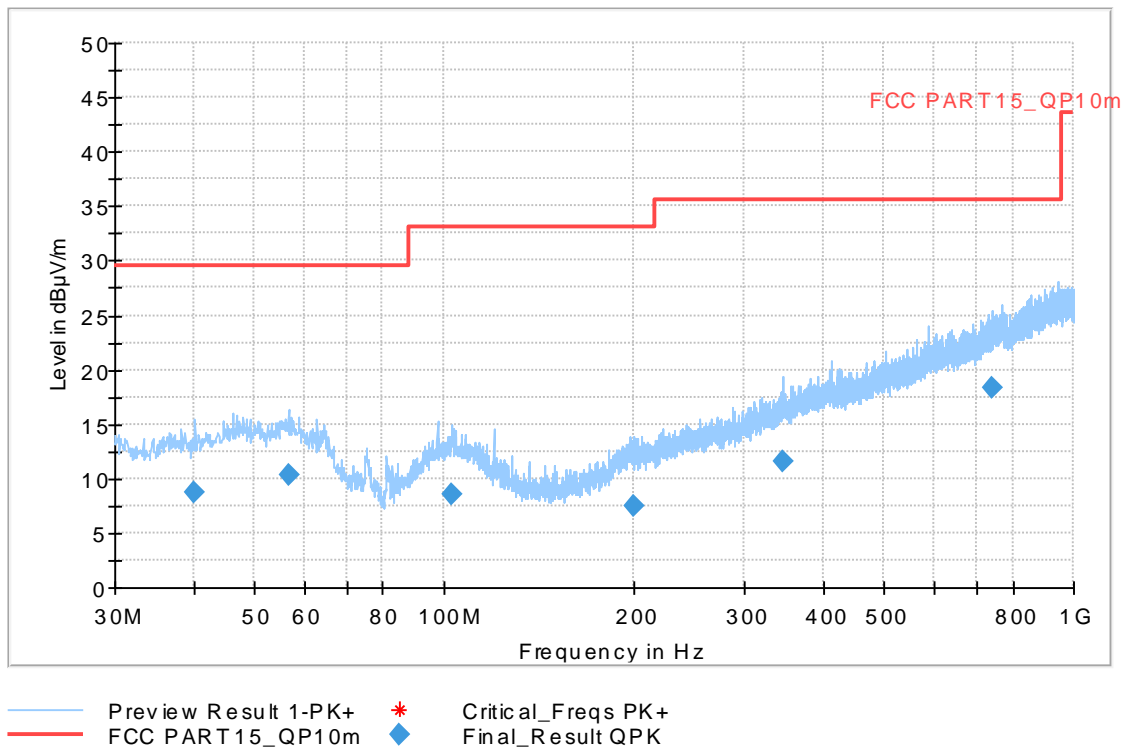


Fig A.9 Radiated Emission from 30MHz to 1GHz

Full Spectrum

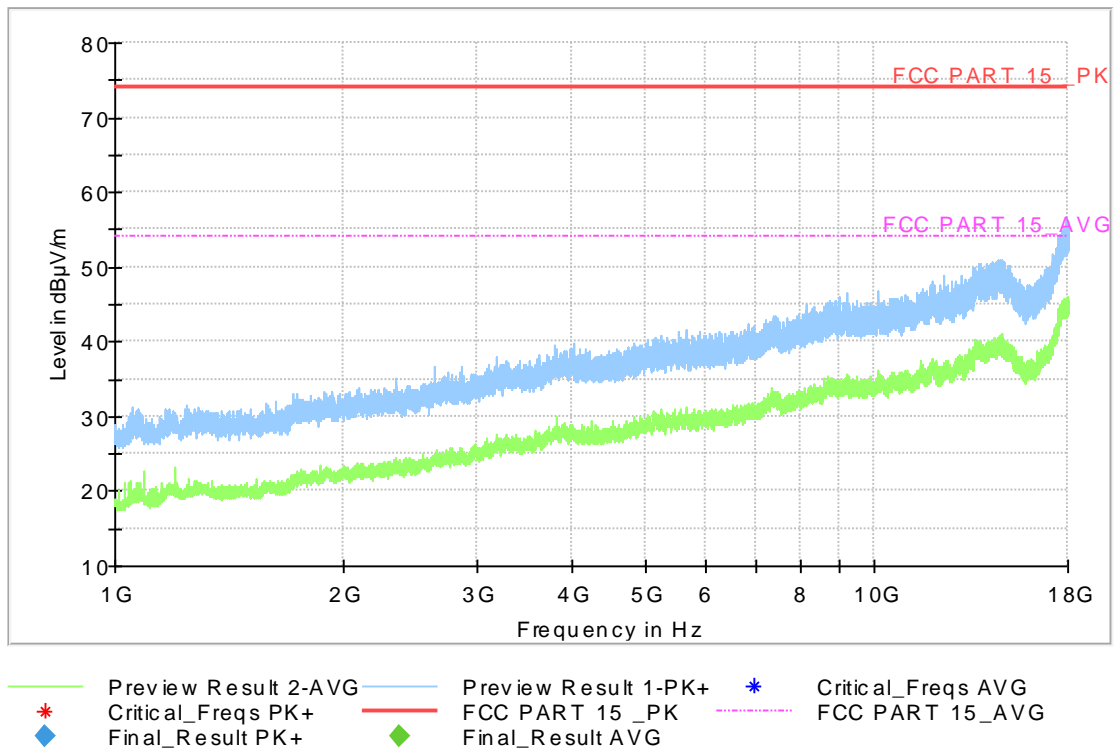


Fig A.10 Radiated Emission from 1GHz to 18GHz

Measurement results for Set.4, Wireless charger:

Full Spectrum

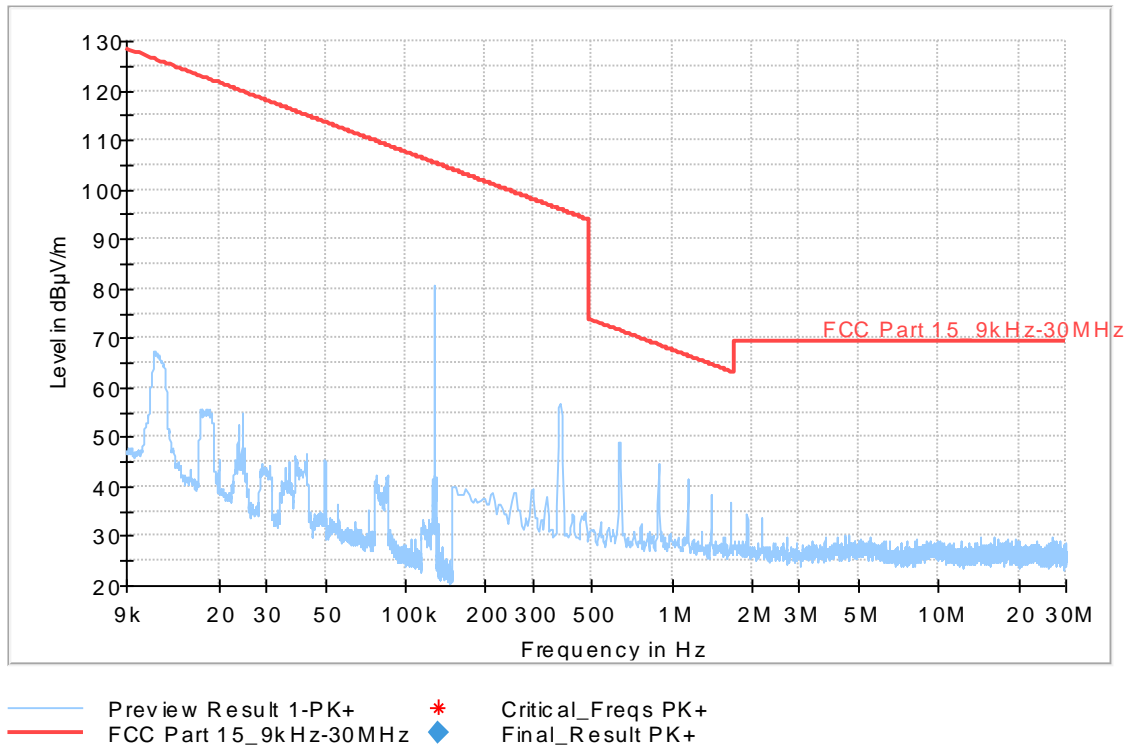


Fig A.11 Radiated Emission from 9kHz to 30MHz

Full Spectrum

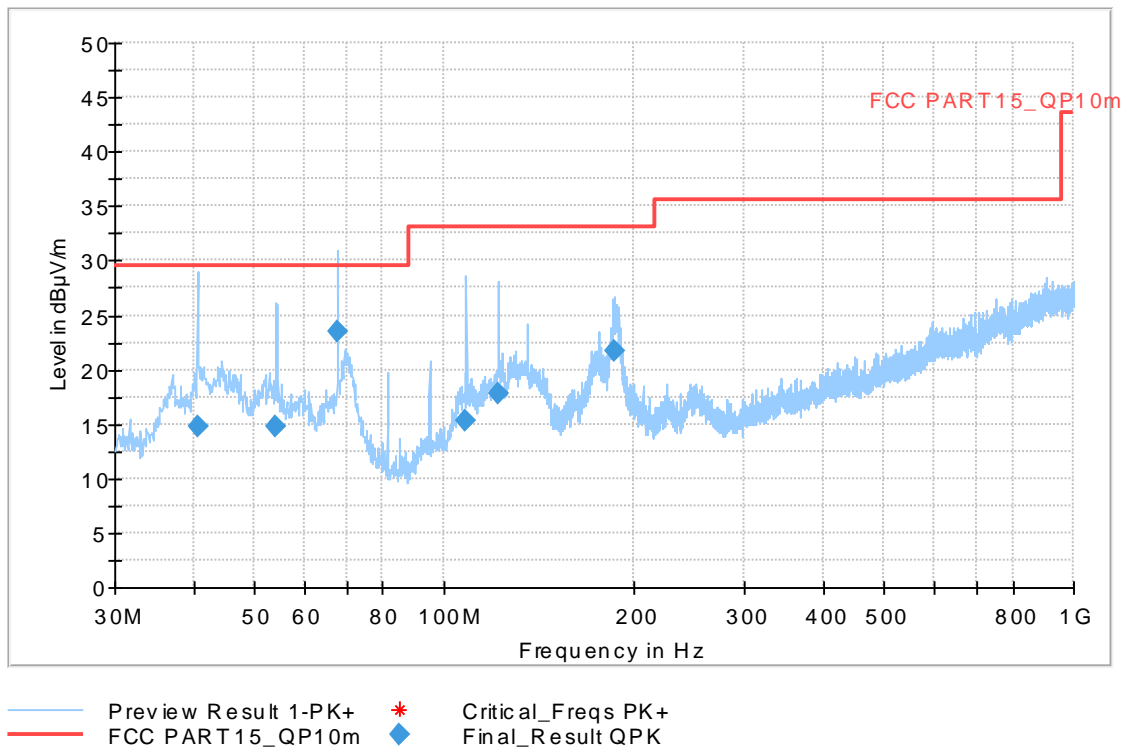


Fig A.12 Radiated Emission from 30MHz to 1GHz

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, WCDMA850 + Front camera idle:

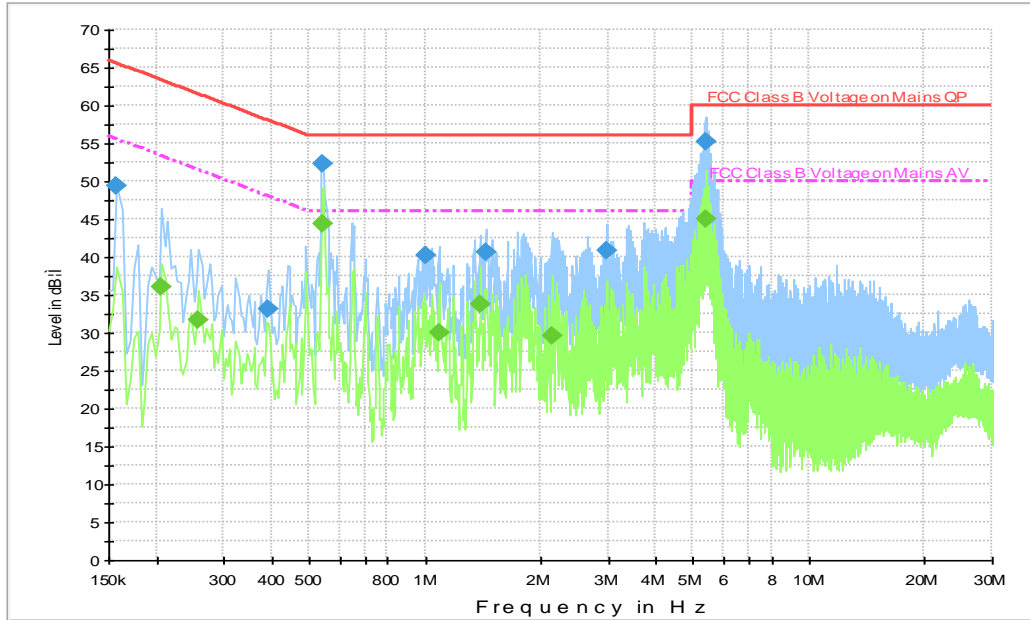


Fig A.13 Conducted Emission

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.158000	49.4	N	19.6	16.1	65.6
0.542000	52.2	L1	19.7	3.8	56.0
1.002000	40.2	L1	19.8	15.8	56.0
1.438000	40.6	L1	19.7	15.4	56.0
2.978000	40.8	L1	19.6	15.2	56.0
5.366000	55.3	L1	19.6	4.7	60.0

Final Result 2

Frequency (MHz)	CAverage (dBµV)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.206000	36.0	N	19.7	17.3	53.4
0.542000	44.4	L1	19.7	1.6	46.0
1.086000	29.9	L1	19.8	16.1	46.0
1.394000	33.8	N	19.6	12.2	46.0
2.134000	29.6	L1	19.6	16.4	46.0
5.366000	44.9	L1	19.6	5.1	50.0

Charging Mode, Set.2, USB:

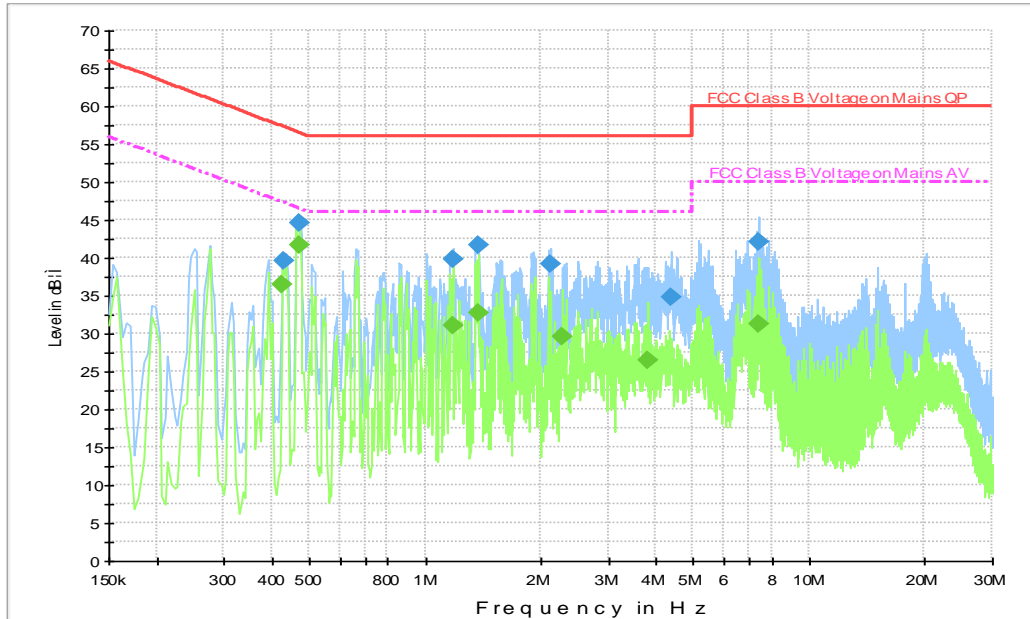


Fig A.14 Conducted Emission

Final Result 1

Frequency (MHz)	QuasiPeak (dBuV)	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)
0.430000	39.5	N	19.8	17.7	57.3
0.470000	44.7	N	19.8	11.8	56.5
1.182000	39.8	L1	19.7	16.2	56.0
1.378000	41.6	L1	19.7	14.4	56.0
2.122000	39.3	L1	19.6	16.7	56.0
7.378000	42.2	N	19.6	17.8	60.0

Final Result 2

Frequency (MHz)	CAverage (dBuV)	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)
0.426000	36.5	L1	19.7	10.8	47.3
0.470000	41.6	N	19.8	4.9	46.5
1.182000	31.0	L1	19.7	15.0	46.0
1.378000	32.7	L1	19.7	13.3	46.0
2.278000	29.5	N	19.7	16.5	46.0
7.382000	31.2	N	19.6	18.8	50.0

Charging Mode, Set.4, Wireless charger:

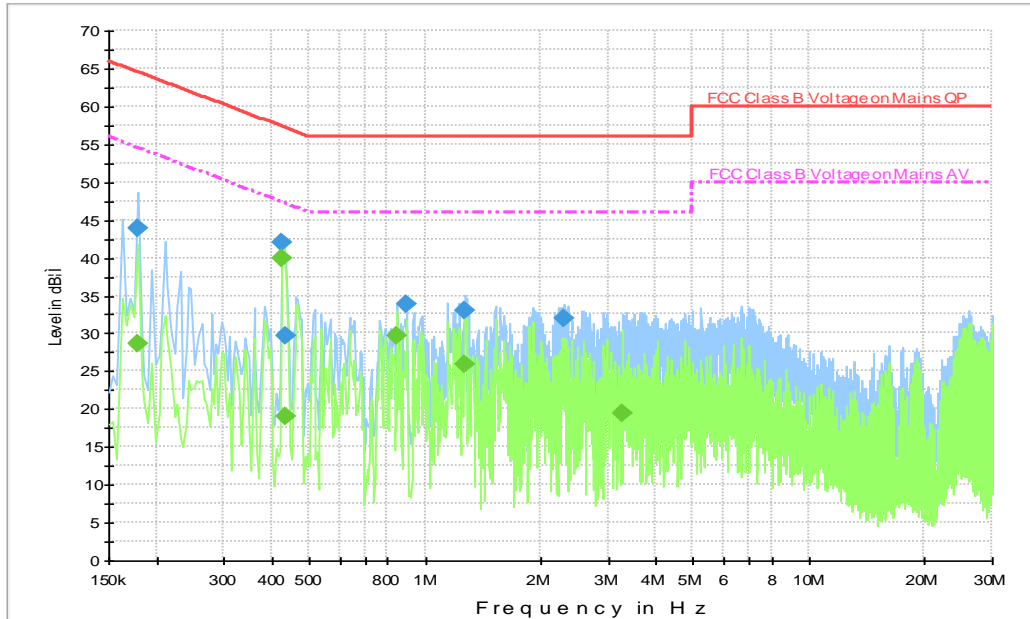


Fig A.15 Conducted Emission

Final Result 1

Frequency (MHz)	QuasiPeak (dBuV)	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)
0.178000	43.9	L1	19.8	20.7	64.6
0.426000	42.0	N	19.8	15.3	57.3
0.434000	29.6	L1	19.8	27.5	57.2
0.898000	33.8	N	19.6	22.2	56.0
1.274000	33.0	N	19.6	23.0	56.0
2.294000	32.0	N	19.7	24.0	56.0

Final Result 2

Frequency (MHz)	CAverage (dBuV)	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)
0.178000	28.7	N	19.6	25.9	54.6
0.426000	39.9	N	19.8	7.5	47.3
0.434000	19.0	L1	19.8	28.1	47.2
0.846000	29.7	N	19.6	16.3	46.0
1.274000	26.0	N	19.6	20.0	46.0
3.262000	19.5	N	19.6	26.5	46.0



ANNEX B: PERSONS INVOLVED IN THIS TESTING

Test Item	Test Software and Version	Software Vendor	Test operator
Conducted Emission	EMC32 V8.52.0	R&S	Chen Tianwei & Yan Hanchen
Radiated Emission	EMC32 V10.60.20	R&S	Chen Tianwei

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