



FCC 15B TEST REPORT

No. I21Z62451-EMC01

for

HMD Global Oy

Smart Phone

Model Name: N151DL

FCC ID: 2AJOTTA-1510

with

Hardware Version: V1.0

Software Version: 02US_0_060

Issued Date: 2022-02-10

Note:

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REPORT HISTORY

Report Number	Revision	Description	Issue Date
I21Z62451-EMC01	Rev.0	1 st edition	2022-02-10

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1. Test Laboratory

1.1. Testing Location

Location 1: 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

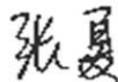
Relative Humidity: 20-75%

1.3. Project data

Testing Start Date: 2022-01-13

Testing End Date: 2022-01-27

1.4. Signature



Zhang Xia

(Prepared this test report)



An Hui

(Reviewed this test report)



Zang Qi

Deputy Director of the EMC laboratory

(Approved this test report)



2. Client Information

2.1. Applicant Information

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

3.1. About EUT

Description	Smart Phone
Model Name	N151DL
FCC ID	2AJOTTA-1510

Note: Components list, please refer to documents of the manufacturer; it is also included in the original test record of CTTL, Telecommunication Technology Labs, Academy of Telecommunication Research, MIIT.

3.2. Internal Identification of EUT used during the test

EUT ID*	SN or IMEI	HW Version	SW Version
EUT1	350819780021001/01	V1.0	02US_0_060

*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	Note
AE1	Adapter	CH011
AE2	USB Cable	/
AE3	Headset	Not the part of EUT

AE1

Model	TN-050200U3
Manufacturer	Dongguan Gangqi Electronic Co., Ltd.

AE2

Model	TYPE-C/2A
Manufacturer	Suntops(SHENZHEN) Communication Industrial Co., Ltd
Length	1m

AE3

Model	Headset
Manufacturer	/
Length of cable	/

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

3.4. EUT set-ups

EUT set-up No.	Combination of EUT and AE	Remarks
Set.1	EUT1 + AE1	Charger
Set.2	EUT1 + AE1+AE3	Charger + Headset
Set.3	EUT1 + PC	Charger + PC

Note : The device contains receivers which tune and operate between 30MHz-960MHz in the following bands: GSM 850MHz, WCDMA Band5, LTE Bands 5/12/13/71. The measurement results showed here are worst cases of different bands.



3.5. General Description

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

It supports

GSM Frequency Band GSM 1900/GSM 850

UMTS Frequency Band FDD Band II / IV / V

LTE Frequency Band LTE FDD Bands 2/4/5/12/13/66/71 LTE FDD Band 41.

It support MP3, Camera, USB data transfer and memory card.

Specifications of the EUT were provided to fulfil the test.

Samples undergoing test were selected by the client.

EUT feature information is supplied by the applicant or manufacturer, which is the basis of testing.

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 (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 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
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
	BR	Re-use test data from basic model report.

Items	Test Name	Clause in FCC rules	Section in this report	Verdict	Test Location
1	Radiated Emission	15.109(a)	A.1	P	CTTL(Huayuan North Road)
2	Conducted Emission	15.107(a)	A.2	P	CTTL(Huayuan North Road)

7. Test Equipments Utilized

NO.	Description	TYPE	SERIES NUMBER	MANUFACTURE	CALIBRATION INTERVAL	CAL DUE DATE
1	LISN	ENV216	101200	Rohde & Schwarz	1 year	2022-05-30
2	Test Receiver	ESCI 7	100344	Rohde & Schwarz	1 year	2022-02-23
3	Universal Radio Communication Tester	CMW500	116588	R&S	1 year	2022-12-20
4	Test Receiver	ESW44	103023	R&S	1 year	2022-10-28
5	BiLog Antenna	VULB9163	9163-01223	Schwarzbeck	1 year	2022-03-22
6	EMI Antenna	3115	00167250	ETS-Lindgren	1 year	2022-07-01
7	Broadcast Test Center	BTC	101024	R&S	1 year	2022-01-27
8	PC	M4000e-17	M706GWXD	Lenovo	N/A	N/A
9	Printer	P1606dn	VNC3L52122	HP	N/A	N/A

Test Item	Test Software and Version	Software Vendor
Radiated Continuous Emission	EMC32 V10.60.10	R&S
Conducted Emission	EMC32 V8.53.0	R&S

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 (charging mode) at distances of 10 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 charging mode. During the test MS 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.

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.

$$\text{Limit}(10\text{m}) = \text{Limit}(3\text{m}) + 20[\log(3/10)]$$

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): 30MHz-1GHz: 5.16dB, 1GHz-18GHz: 5.44dB, $k=2$.

Note : The measurement results showed here are worst cases of the combinations of different Battery, cables and Headset.

Note:The measurement results showed here are worst cases.

Measurement results for Set.1:
EUT1 Charger+Front Camera+LTE Band 12 idle Mode/QP detector

Frequency (MHz)	QuasiPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
54.347000	14.65	29.54	14.89	2000.0	120.000	95.0	V	280.0
84.223000	18.76	29.54	10.78	2000.0	120.000	125.0	V	-10.0
87.715000	15.94	29.54	13.60	2000.0	120.000	183.0	V	11.0
169.486000	11.66	33.06	21.40	2000.0	120.000	275.0	V	-8.0
176.082000	15.07	33.06	17.99	2000.0	120.000	183.0	V	-10.0
292.288000	13.96	35.56	21.60	2000.0	120.000	275.0	H	120.0

EUT1 Charger+Front Camera+LTE Band 12 idle Mode/Average detector

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver eading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
17965.320	44.2	-29.1	46.7	26.601	54.000	9.800	H
17946.620	43.9	-28.9	46.7	26.183	54.000	10.100	V
17977.560	43.8	-29.1	46.7	26.201	54.000	10.200	H
17930.640	43.8	-29.4	46.7	26.539	54.000	10.300	H
17964.640	43.8	-29.1	46.7	26.201	54.000	10.300	H
17945.600	43.7	-28.9	46.7	25.983	54.000	10.300	V

EUT1 Charger+Front Camera+LTE Band 12 idle 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)
17874.200	55.8	-29.4	46.0	39.239	74.000	18.200	V
17949.340	55.8	-28.9	46.7	38.083	74.000	18.200	V
17869.780	55.5	-29.4	46.0	38.939	74.000	18.500	H
17972.800	55.3	-29.1	46.7	37.701	74.000	18.700	H
17906.500	55.1	-29.3	46.0	38.472	74.000	18.900	V
17921.800	55.1	-29.4	46.7	37.839	74.000	18.900	V

Measurement results for Set.2:
EUT1 Charger+GSM850MHz Reciever +Rear Camera idle Mode/QP detector

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
52.795000	13.11	29.54	16.43	2000.0	120.000	95.0	V	210.0
76.075000	11.13	29.54	18.41	2000.0	120.000	183.0	V	11.0
163.375000	17.28	33.06	15.78	2000.0	120.000	95.0	V	-27.0
174.627000	12.57	33.06	20.49	2000.0	120.000	125.0	V	62.0
205.085000	13.75	33.06	19.31	2000.0	120.000	103.0	V	14.0
232.536000	13.14	35.56	22.42	2000.0	120.000	175.0	V	81.0

EUT1 Charger+GSM850MHz Reciever +Rear Camera idle 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)
17970.080	43.9	-29.1	46.7	26.301	54.000	10.100	H
17979.600	43.8	-29.1	46.7	26.201	54.000	10.200	V
17947.640	43.8	-28.9	46.7	26.083	54.000	10.200	H
17956.140	43.8	-28.9	46.7	26.083	54.000	10.200	V
17991.840	43.8	-29.1	46.7	26.198	54.000	10.200	H
17976.540	43.8	-29.1	46.7	26.201	54.000	10.200	H

EUT1 Charger+GSM850MHz Reciever +Rear Camera idle 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)
17913.0	55.5	-29.3	46.0	38.872	74.000	18.500	V
17985.0	55.5	-29.1	46.7	37.898	74.000	18.500	V
17918.1	55.4	-29.3	46.7	38.065	74.000	18.600	H
17879.0	55.2	-29.4	46.0	38.639	74.000	18.800	V
17362.2	55.2	-30.0	43.4	41.812	74.000	18.800	H
17986.7	55.1	-29.1	46.7	37.498	74.000	18.900	V

Measurement results for Set.2:
EUT1 Charger+FM98MHz+Headset idle Mode/QP detector

Frequency (MHz)	QuasiPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
51.049000	12.45	29.54	17.09	2000.0	120.000	95.0	V	240.0
74.717000	5.56	29.54	23.98	2000.0	120.000	183.0	V	242.0
164.442000	15.81	33.06	17.25	2000.0	120.000	183.0	V	-28.0
176.858000	13.24	33.06	19.82	2000.0	120.000	175.0	V	30.0
207.122000	14.07	33.06	18.99	2000.0	120.000	95.0	V	-10.0
227.492000	11.94	35.56	23.62	2000.0	120.000	125.0	V	120.0

EUT1 Charger+FM98MHz+Headset idle 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)
17974.500	44.3	-29.1	46.7	26.701	54.000	9.700	V
17973.820	44.2	-29.1	46.7	26.601	54.000	9.800	H
17954.100	44.1	-28.9	46.7	26.383	54.000	9.900	H
17963.960	44.0	-29.1	46.7	26.401	54.000	10.000	H
17972.460	44.0	-29.1	46.7	26.401	54.000	10.000	V
17971.440	44.0	-29.1	46.7	26.401	54.000	10.000	V

EUT1 Charger+FM98MHz+Headset idle 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)
17941.180	55.2	-28.9	46.7	37.483	74.000	18.800	H
17917.040	54.8	-29.3	46.7	37.465	74.000	19.200	H
17977.900	54.6	-29.1	46.7	37.001	74.000	19.400	H
17945.600	54.5	-28.9	46.7	36.783	74.000	19.500	V
17910.580	54.4	-29.3	46.0	37.772	74.000	19.600	V
17444.440	54.4	-29.9	44.4	39.917	74.000	19.600	H

Measurement results for Set.3:
EUT1 USB to PC + MP3+W850MHz idle Mode/QP detector

Frequency (MHz)	QuasiPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
31.164000	28.58	29.54	0.96	2000.0	120.000	95.0	V	300.0
62.592000	20.37	29.54	9.17	2000.0	120.000	95.0	V	210.0
125.836000	18.93	33.06	14.13	2000.0	120.000	103.0	V	171.0
215.949000	22.65	33.06	10.41	2000.0	120.000	103.0	V	120.0
450.010000	29.95	35.56	5.61	2000.0	120.000	95.0	V	100.0
576.692000	26.84	35.56	8.72	2000.0	120.000	225.0	V	-9.0

EUT1 USB to PC + MP3+W850MHz idle 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)
17955.120	44.3	-28.9	46.7	26.583	54.000	9.700	H
17940.840	44.3	-28.9	46.7	26.583	54.000	9.700	H
17946.960	44.3	-28.9	46.7	26.583	54.000	9.700	V
17972.800	44.2	-29.1	46.7	26.601	54.000	9.800	V
17979.260	44.2	-29.1	46.7	26.601	54.000	9.800	V
17964.640	44.1	-29.1	46.7	26.501	54.000	9.900	H

EUT1 USB to PC + MP3+W850MHz idle 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)
17971.440	56.0	-29.1	46.7	38.401	74.000	18.000	H
17694.340	55.8	-30.0	45.2	40.534	74.000	18.200	V
17953.420	55.7	-28.9	46.7	37.983	74.000	18.300	V
17567.520	55.6	-29.8	45.2	40.146	74.000	18.400	V
17941.180	55.6	-28.9	46.7	37.883	74.000	18.400	H
17374.740	55.6	-30.0	43.4	42.212	74.000	18.400	H

EUT1 Charger+Front Camera+LTE Band 12 idle Mode, Set.1

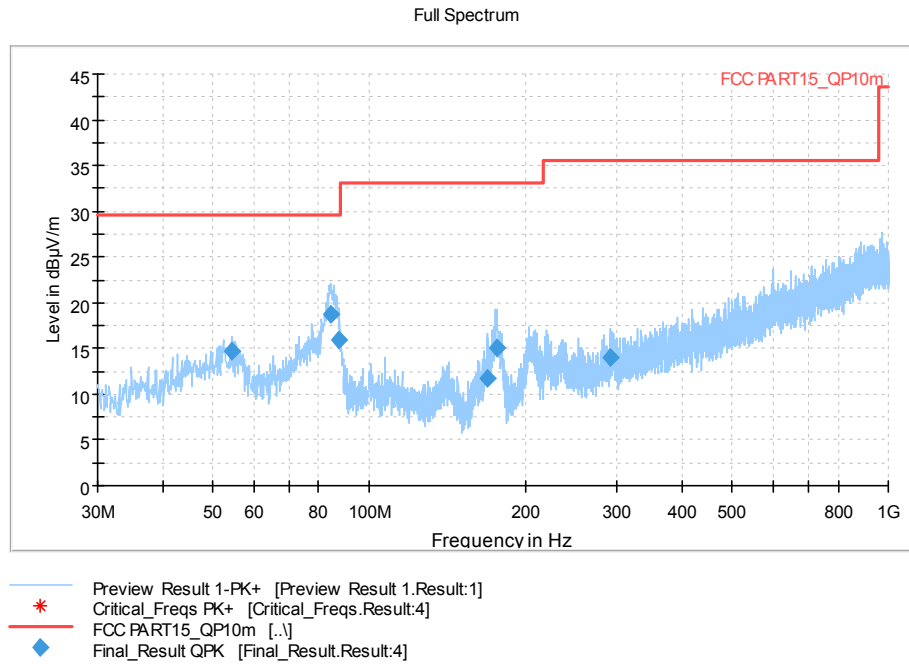


Figure A.1 Radiated Emission from 30MHz to 1GHz

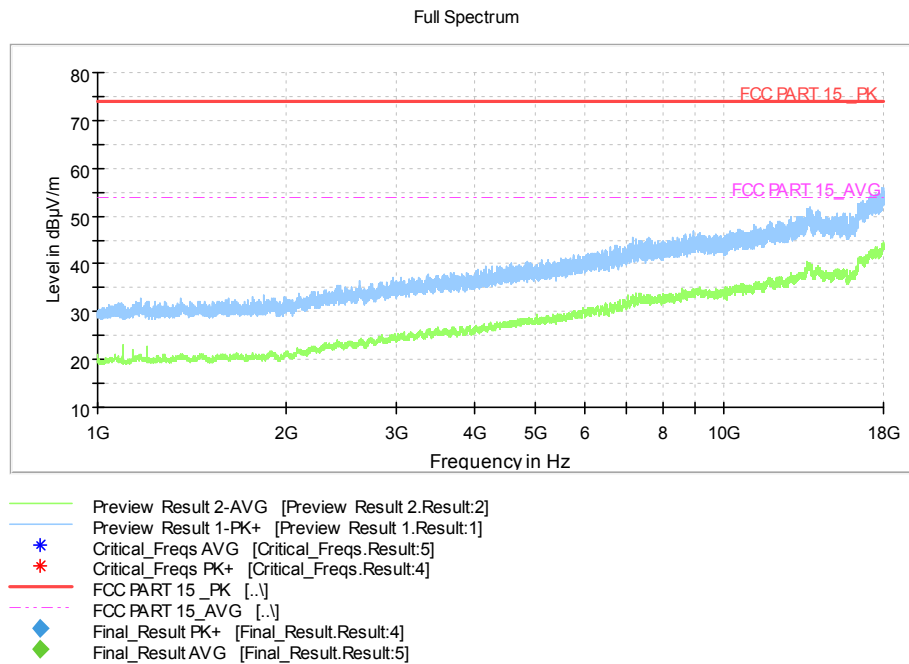


Figure A.2 Radiated Emission from 1GHz to 18GHz

EUT1 Charger+GSM850MHz Receiver +Rear Camera idle Mode, Set.2

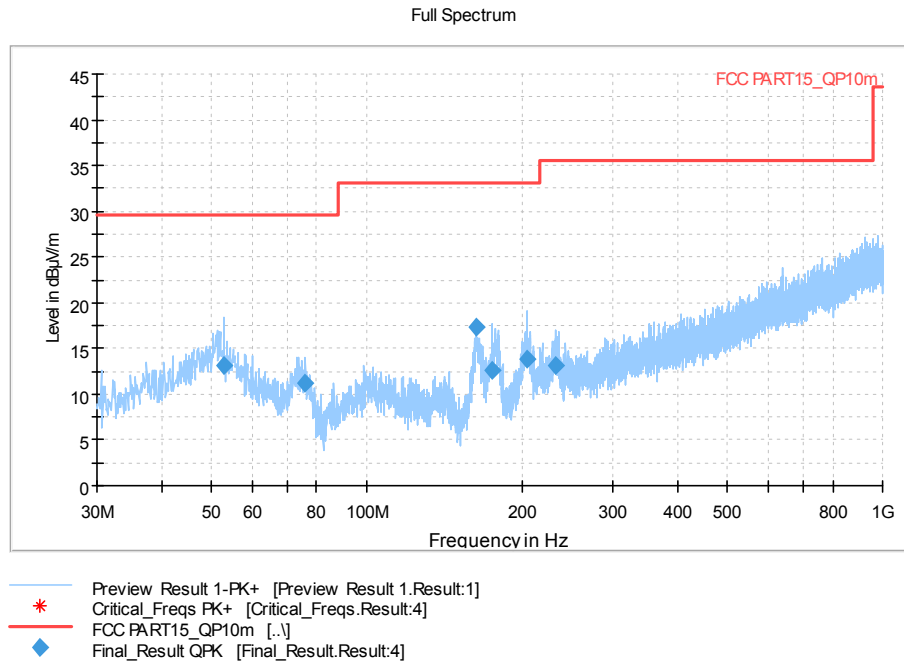


Figure A.3 Radiated Emission from 30MHz to 1GHz

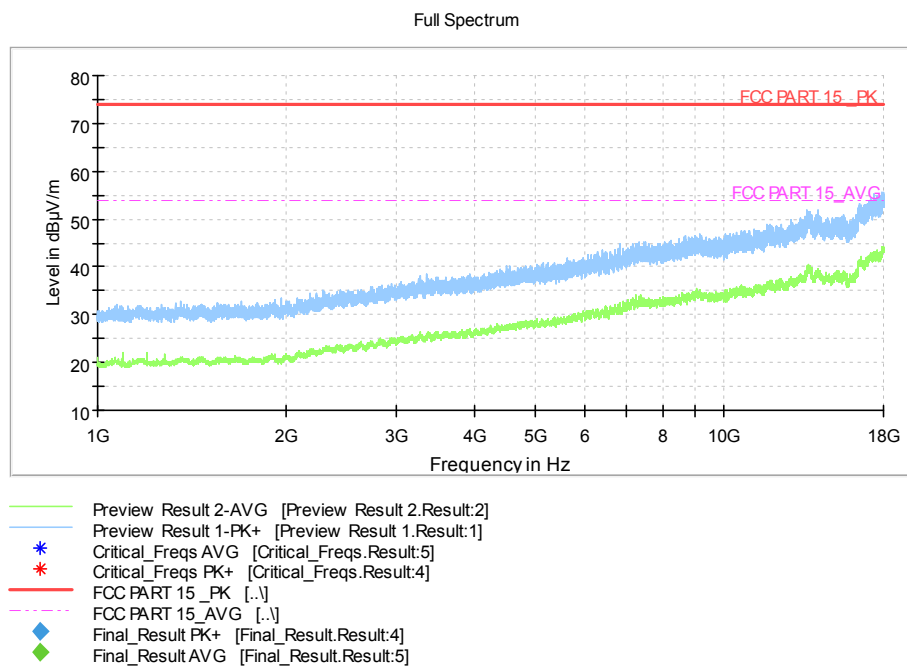


Figure A.4 Radiated Emission from 1GHz to 18GHz

EUT1 Charger+FM98MHz+Headset idle Mode, Set.2

Full Spectrum

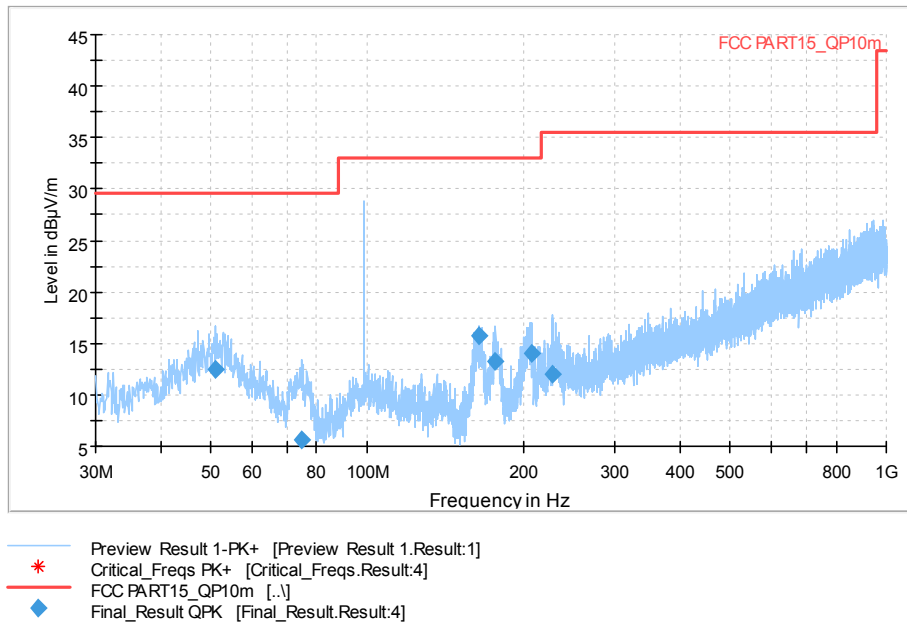


Figure A.5 Radiated Emission from 30MHz to 1GHz

Full Spectrum

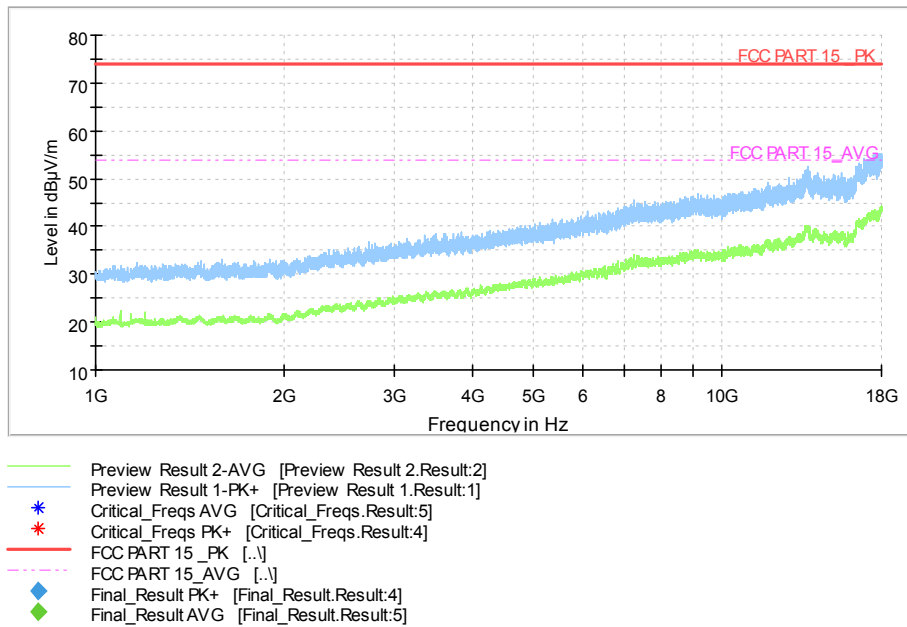


Figure A.6 Radiated Emission from 1GHz to 18GHz

EUT1 USB to PC + MP3+W850MHz idle Mode, Set.3

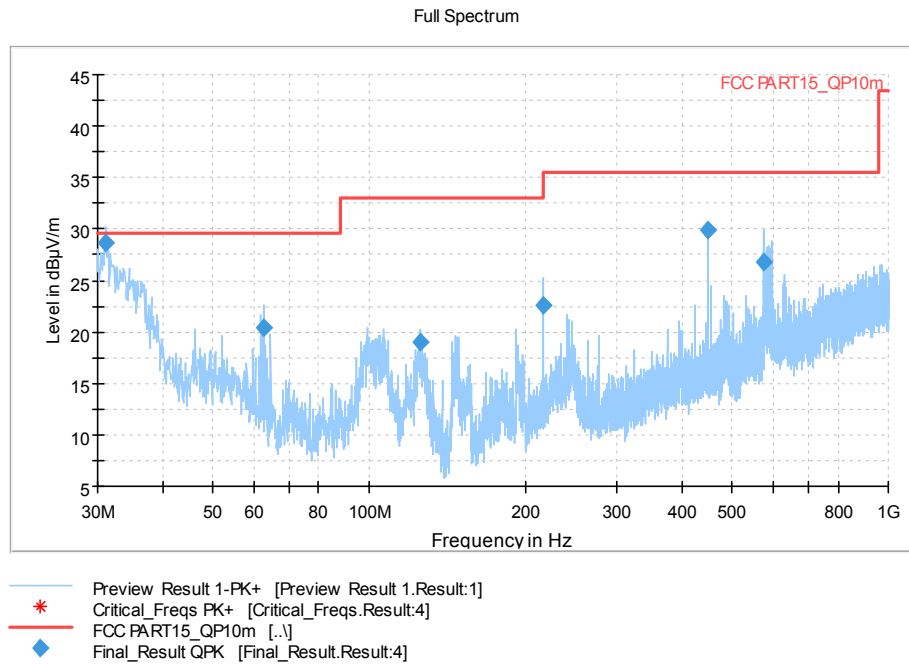


Figure A.7 Radiated Emission from 30MHz to 1GHz

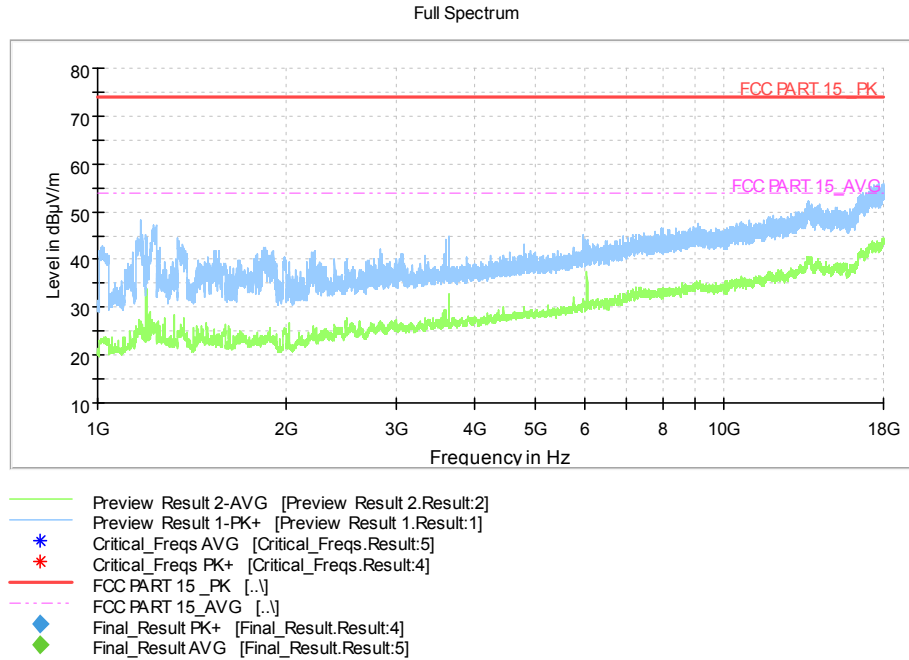


Figure A.8 Radiated Emission from 1GHz to 18GHz

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 charging mode and usb mode.

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: $U=3.08\text{dB}$, $k=2$.

Note: The measurement results showed here are worst cases of the combinations of different Battery, cables and Headset.

Note: The measurement results showed here are worst cases.

EUT1 Charger+Front Camera+LTE Band 12 idle Mode, Set.1

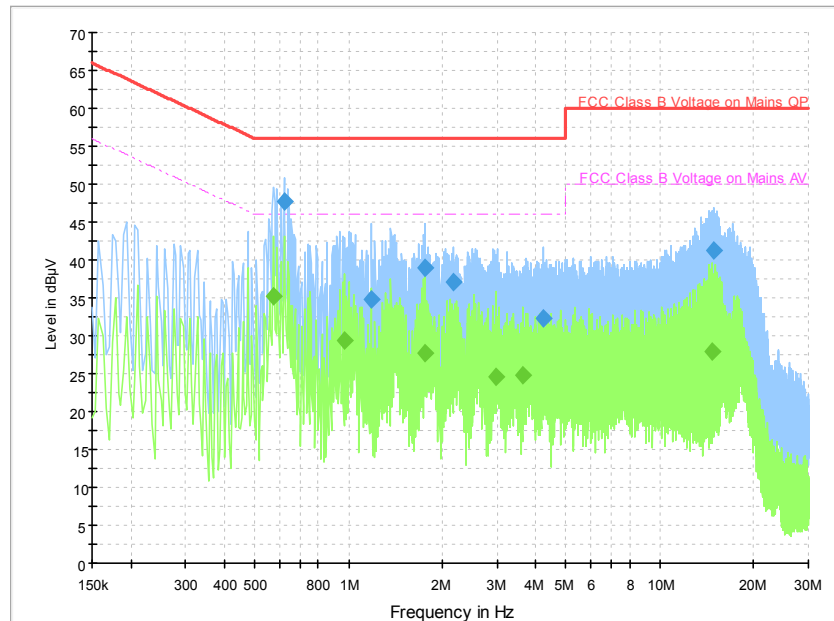


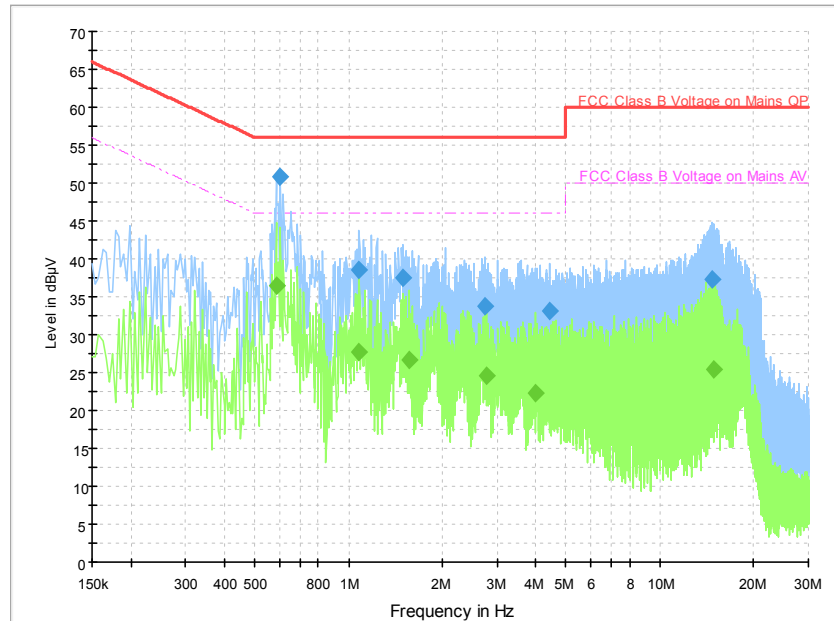
Figure A.9 Conducted Emission

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.622000	47.8	5000.0	9.000	On	L1	19.7	8.2	56.0
1.186000	34.8	5000.0	9.000	On	N	19.8	21.2	56.0
1.762000	38.9	5000.0	9.000	On	L1	19.5	17.1	56.0
2.178000	37.1	5000.0	9.000	On	L1	19.5	18.9	56.0
4.230000	32.4	5000.0	9.000	On	N	19.7	23.6	56.0
14.942000	41.2	5000.0	9.000	On	N	20.0	18.8	60.0

Final Result 2

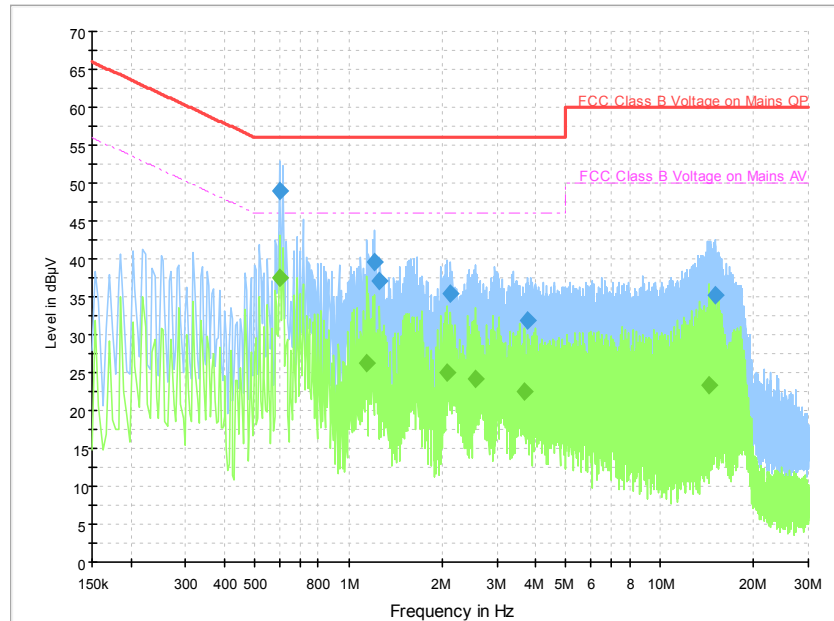
Frequency (MHz)	CAverage (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.574000	35.3	5000.0	9.000	On	L1	19.8	10.7	46.0
0.970000	29.3	5000.0	9.000	On	L1	19.6	16.7	46.0
1.762000	27.7	5000.0	9.000	On	L1	19.5	18.3	46.0
2.966000	24.5	5000.0	9.000	On	L1	19.5	21.5	46.0
3.614000	24.7	5000.0	9.000	On	L1	19.5	21.3	46.0
14.774000	28.0	5000.0	9.000	On	L1	19.8	22.0	50.0

EUT1 Charger+GSM850MHz Receiver +Rear Camera idle Mode, Set.2

Figure A.10 Conducted Emission
Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.602000	50.9	5000.0	9.000	On	L1	19.8	5.1	56.0
1.082000	38.6	5000.0	9.000	On	L1	19.5	17.4	56.0
1.502000	37.5	5000.0	9.000	On	L1	19.5	18.5	56.0
2.734000	33.7	5000.0	9.000	On	L1	19.5	22.3	56.0
4.418000	33.1	5000.0	9.000	On	L1	19.6	22.9	56.0
14.750000	37.2	5000.0	9.000	On	N	20.0	22.8	60.0

Final Result 2

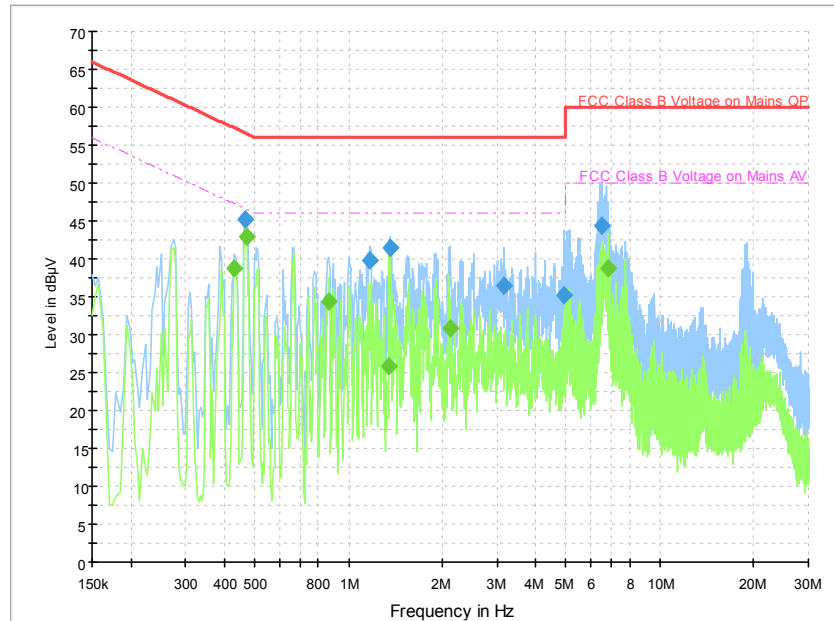
Frequency (MHz)	CAverage (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.586000	36.4	5000.0	9.000	On	L1	19.8	9.6	46.0
1.082000	27.6	5000.0	9.000	On	L1	19.5	18.4	46.0
1.566000	26.8	5000.0	9.000	On	L1	19.5	19.2	46.0
2.778000	24.7	5000.0	9.000	On	L1	19.5	21.3	46.0
3.982000	22.2	5000.0	9.000	On	L1	19.6	23.8	46.0
14.870000	25.5	5000.0	9.000	On	L1	19.9	24.5	50.0

EUT1 Charger+FM98MHz+Headset idle Mode, Set.2

Figure A.11 Conducted Emission
Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.598000	49.0	5000.0	9.000	On	L1	19.8	7.0	56.0
1.210000	39.5	5000.0	9.000	On	L1	19.5	16.5	56.0
1.262000	37.0	5000.0	9.000	On	L1	19.5	19.0	56.0
2.130000	35.4	5000.0	9.000	On	L1	19.5	20.6	56.0
3.738000	31.9	5000.0	9.000	On	L1	19.5	24.1	56.0
15.018000	35.2	5000.0	9.000	On	N	20.0	24.8	60.0

Final Result 2

Frequency (MHz)	CAverage (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.602000	37.4	5000.0	9.000	On	L1	19.8	8.6	46.0
1.146000	26.2	5000.0	9.000	On	L1	19.5	19.8	46.0
2.070000	25.1	5000.0	9.000	On	L1	19.5	20.9	46.0
2.566000	24.2	5000.0	9.000	On	L1	19.5	21.8	46.0
3.654000	22.6	5000.0	9.000	On	L1	19.5	23.4	46.0
14.378000	23.3	5000.0	9.000	On	L1	19.8	26.7	50.0

EUT1 USB to PC + MP3+W850MHz idle Mode, Set.3

Figure A.12 Conducted Emission
Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.466000	45.2	5000.0	9.000	On	L1	19.9	11.3	56.6
1.170000	39.8	5000.0	9.000	On	L1	19.6	16.2	56.0
1.362000	41.5	5000.0	9.000	On	L1	19.5	14.5	56.0
3.150000	36.4	5000.0	9.000	On	N	19.7	19.6	56.0
4.906000	35.2	5000.0	9.000	On	N	19.8	20.8	56.0
6.494000	44.4	5000.0	9.000	On	L1	19.5	15.6	60.0

Final Result 2

Frequency (MHz)	CAverage (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.430000	38.7	5000.0	9.000	On	L1	19.9	8.5	47.3
0.470000	42.9	5000.0	9.000	On	L1	19.9	3.6	46.5
0.862000	34.4	5000.0	9.000	On	N	19.8	11.6	46.0
1.346000	25.7	5000.0	9.000	On	L1	19.5	20.3	46.0
2.122000	30.7	5000.0	9.000	On	L1	19.5	15.3	46.0
6.798000	38.8	5000.0	9.000	On	N	19.7	11.2	50.0



ANNEX B: Persons involved in this testing

Test Item	Tester
Conducted Continuous Emission	Yan Hanchen
Radiated Continuous Emission	Ding Zai, Li Pengfei

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