



FCC 15B TEST REPORT

No. I21Z62273-EMC01

for

HMD Global Oy

Smart Phone

Model Name: N152DL

FCC ID: 2AJOTTA-1520

with

Hardware Version: V1.0

Software Version: 02US_0_230

Issued Date: 2022-01-13

Note:

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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.

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REPORT HISTORY

Report Number	Revision	Description	Issue Date
I21Z62273-EMC01	Rev.0	1 st edition	2022-01-13



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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: 2021-12-10

Testing End Date: 2022-01-07


1.4. Signature



An Hui
(Prepared this test report)



Zhang Ying
(Reviewed this test report)



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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	N152DL
FCC ID	2AJOTTA-1520

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	358205600015112	V1.0	02US_0_230

*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	/
AE2	USB Cable	/
AE3-1	Battery	/
AE3-2	Battery	/
AE4	Headset	/

AE1-1

Model	TN-050120U8
Manufacturer	Chongqing Lianmao Electronic Co., Ltd.

AE2-1

Model	SNJY-A002A
Manufacturer	Saibao(Jiangxi) Communication Industrial Co., Ltd
Length	/

AE3-1

Model	TN-BL3000R1
Manufacturer	Guangdong Fenghua New Energy Co., Ltd.
Capacitance	3000mAh
Nominal voltage	3.85V

AE3-2

Model	TN-BL3000R1
Manufacturer	Shenzhen Utility Power Source Co.,ltd.
Capacitance	3000mAh
Nominal voltage	3.85V

AE4

Model	Headset
Manufacturer	/
Length	/

*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+ AE3-1/AE3-2	Charger+ Real Camera+ + GSM850 idle
Set.2	EUT1+AE1+AE2+ AE3-1/AE3-2	Charger+MP4
Set.3	EUT1+AE1+AE2+ AE3-1/AE3-2+AE4	Charger+FM
Set.4	EUT1+AE2+AE3-1/AE3-2	USB SD TO PC+ Front Camera

Note1:

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 has MP3, Camera, USB memory, FM, Bluetooth, Wi-Fi (802.11a/b/g/n/ac, 802.11n supports 20MHz and 40MHz bandwidth, 802.11ac supports 20MHz and 40MHz and 80MHz bandwidth) , GNSS functions.

Manual and 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	2022-02-26
3	Universal Radio Communication Tester	CMW500	116588	R&S	1 year	2022-12-20
4	Test Receiver	ESW44	103015	Rohde & Schwarz	1 year	2022-09-05
5	BiLog Antenna	VULB9163	9163-01223	Schwarzbeck	1 year	2022-03-22
6	EMI Antenna	3115	6914	ETS-Lindgren	1 year	2022-02-03
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/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: 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+Back Camera+GSM 850MHz 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)
40.282000	14.57	29.54	14.97	2000.0	120.000	100.0	V	150.0
67.248000	9.34	29.54	20.20	2000.0	120.000	210.0	V	300.0
158.137000	17.27	33.06	15.79	2000.0	120.000	100.0	V	151.0
172.493000	21.73	33.06	11.33	2000.0	120.000	175.0	V	-10.0
182.775000	25.83	33.06	7.23	2000.0	120.000	100.0	V	80.0
207.316000	19.08	33.06	13.98	2000.0	120.000	125.0	V	62.0

EUT1 Charger+Back Camera+GSM 850MHz 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)
17975.633	46.9	-29.1	46.7	29.301	H	54.0	7.1
17980.167	46.2	-29.1	46.7	28.598	H	54.0	7.8
17957.500	46.1	-28.9	46.7	28.383	V	54.0	7.9
17883.267	46.0	-29.5	46.0	29.580	V	54.0	8.0
17118.267	46.0	-29.4	42.4	33.047	H	54.0	8.0
17934.267	46.0	-29.4	46.7	28.739	V	54.0	8.0

EUT1 Charger+Back Camera+GSM 850MHz 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)
17975.633	56.1	-29.1	46.7	38.501	H	74.0	17.9
17997.733	56.0	-29.1	46.7	38.398	H	74.0	18.0
17883.267	56.0	-29.5	46.0	39.580	H	74.0	18.0
17947.300	55.7	-28.9	46.7	37.983	V	74.0	18.3
17936.533	55.6	-29.4	46.7	38.339	H	74.0	18.4
17228.200	55.2	-29.6	43.4	41.409	V	74.0	18.8

Measurement results for Set.2:
EUT1 Charger+MP4 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)
40.961000	14.06	29.54	15.48	2000.0	120.000	100.0	V	300.0
47.072000	12.94	29.54	16.60	2000.0	120.000	175.0	V	10.0
157.555000	17.17	33.06	15.89	2000.0	120.000	100.0	V	170.0
171.232000	20.54	33.06	12.52	2000.0	120.000	175.0	V	150.0
183.454000	25.27	33.06	7.79	2000.0	120.000	100.0	V	80.0
207.607000	18.98	33.06	14.08	2000.0	120.000	107.0	V	61.0

EUT1 Charger+MP4 Mode/Average detector

Frequency (MHz)	Result (dB μ V/m)	G _{PL} (dB)	G _A (dB/m)	P _{Mea} (dB μ V)	Polarity	Limit (dB μ V/m)	Margin (dB)
17952.967	46.2	-28.9	46.7	28.483	H	54.0	7.8
17894.600	46.0	-29.5	46.0	29.580	V	54.0	8.0
17954.100	45.8	-28.9	46.7	28.083	V	54.0	8.2
17969.400	45.8	-29.1	46.7	28.201	H	54.0	8.2
17961.467	45.8	-29.1	46.7	28.201	H	54.0	8.2
17964.867	45.7	-29.1	46.7	28.101	H	54.0	8.3

EUT1 Charger+MP4 Mode/Peak detector

Frequency (MHz)	Result (dB μ V/m)	G _{PL} (dB)	G _A (dB/m)	P _{Mea} (dB μ V)	Polarity	Limit (dB μ V/m)	Margin (dB)
17538.2	55.5	-29.3	44.4	40.467	H	74.0	18.5
17145.5	55.5	-29.9	42.4	43.014	V	74.0	18.5
17598.2	55.5	-29.7	45.2	39.949	V	74.0	18.5
17949.6	55.3	-28.9	46.7	37.583	H	74.0	18.7
17340.4	55.2	-30.0	43.4	41.812	V	74.0	18.8
17939.9	55.1	-29.4	46.7	37.839	V	74.0	18.9

Measurement results for Set.3:
EUT1 Charger+FM 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)
33.880000	15.73	29.54	13.81	2000.0	120.000	110.0	V	30.0
44.744000	13.08	29.54	16.46	2000.0	120.000	101.0	V	150.0
65.114000	9.23	29.54	20.31	2000.0	120.000	125.0	V	-30.0
146.885000	14.41	33.06	18.65	2000.0	120.000	118.0	V	-30.0
178.895000	23.12	33.06	9.94	2000.0	120.000	125.0	V	-9.0
185.103000	23.45	33.06	9.61	2000.0	120.000	101.0	V	9.0

EUT1 Charger+FM Mode/Average detector

Frequency (MHz)	Result (dB μ V/m)	G _{PL} (dB)	G _A (dB/m)	P _{Mea} (dB μ V)	Polarity	Limit (dB μ V/m)	Margin (dB)
17998.300	46.5	-29.1	46.7	28.898	V	54.0	7.5
17785.233	45.8	-29.9	46.0	29.732	H	54.0	8.2
17937.100	45.8	-29.4	46.7	28.539	H	54.0	8.2
17890.067	45.7	-29.5	46.0	29.280	H	54.0	8.3
17901.400	45.7	-29.3	46.0	29.072	V	54.0	8.3
17221.400	45.7	-29.6	43.4	31.909	H	54.0	8.3

EUT1 Charger+FM Mode/Peak detector

Frequency (MHz)	Result (dB μ V/m)	G _{PL} (dB)	G _A (dB/m)	P _{Mea} (dB μ V)	Polarity	Limit (dB μ V/m)	Margin (dB)
17821.500	55.7	-29.7	46.0	39.424	H	74.0	18.3
17872.500	55.5	-29.4	46.0	38.939	V	74.0	18.5
17956.933	55.5	-28.9	46.7	37.783	H	74.0	18.5
17996.033	55.3	-29.1	46.7	37.698	H	74.0	18.7
17996.600	55.3	-29.1	46.7	37.698	V	74.0	18.7
17904.800	55.0	-29.3	46.0	38.372	V	74.0	19.0

Measurement results for Set.4:
EUT1 USB + SD + Front Camera 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)
36.693000	18.72	29.54	10.82	2000.0	120.000	282.0	V	171.0
56.966000	14.19	29.54	15.35	2000.0	120.000	200.0	V	32.0
94.117000	16.58	33.06	16.48	2000.0	120.000	125.0	V	30.0
108.764000	16.58	33.06	16.48	2000.0	120.000	221.0	V	170.0
138.155000	19.58	33.06	13.48	2000.0	120.000	125.0	V	240.0
495.503000	23.23	35.56	12.33	2000.0	120.000	100.0	V	9.0

EUT1 USB + SD + Front Camera Mode/Average detector

Frequency (MHz)	Result (dB μ V/m)	G _{PL} (dB)	G _A (dB/m)	P _{Mea} (dB μ V)	Polarity	Limit (dB μ V/m)	Margin (dB)
17983.567	46.2	-29.1	46.7	28.598	V	54.0	7.8
17966.000	46.2	-29.1	46.7	28.601	H	54.0	7.8
17893.467	45.9	-29.5	46.0	29.480	H	54.0	8.1
17947.300	45.9	-28.9	46.7	28.183	H	54.0	8.1
17997.167	45.7	-29.1	46.7	28.098	V	54.0	8.3
17964.300	45.7	-29.1	46.7	28.101	V	54.0	8.3

EUT1 USB + SD + Front Camera Mode/Peak detector

Frequency (MHz)	Result (dB μ V/m)	G _{PL} (dB)	G _A (dB/m)	P _{Mea} (dB μ V)	Polarity	Limit (dB μ V/m)	Margin (dB)
17225.367	56.1	-29.6	43.4	42.309	H	74.0	17.9
17354.567	55.6	-30.0	43.4	42.212	H	74.0	18.4
17667.367	55.2	-29.9	45.2	39.850	H	74.0	18.8
17589.167	55.2	-29.7	45.2	39.649	H	74.0	18.8
17981.867	55.1	-29.1	46.7	37.498	V	74.0	18.9
17427.100	55.1	-29.7	44.4	40.460	H	74.0	18.9

EUT1 Charger+Back Camera+GSM 850MHz idle Mode, Set.1

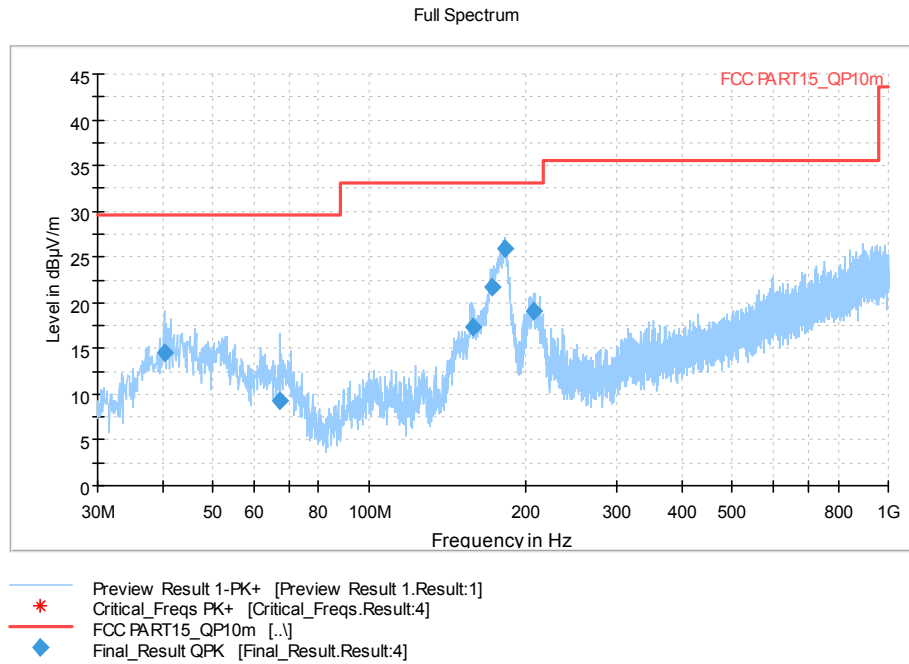


Figure A.1 Radiated Emission from 30MHz to 1GHz

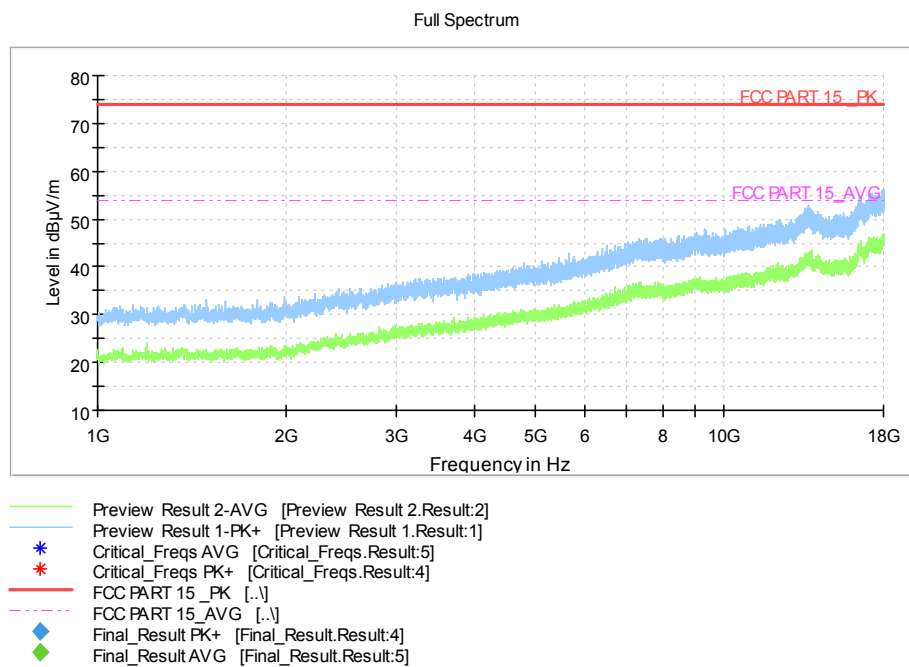


Figure A.2 Radiated Emission from 1GHz to 6GHz

EUT1 Charger+MP4 Mode, Set.2

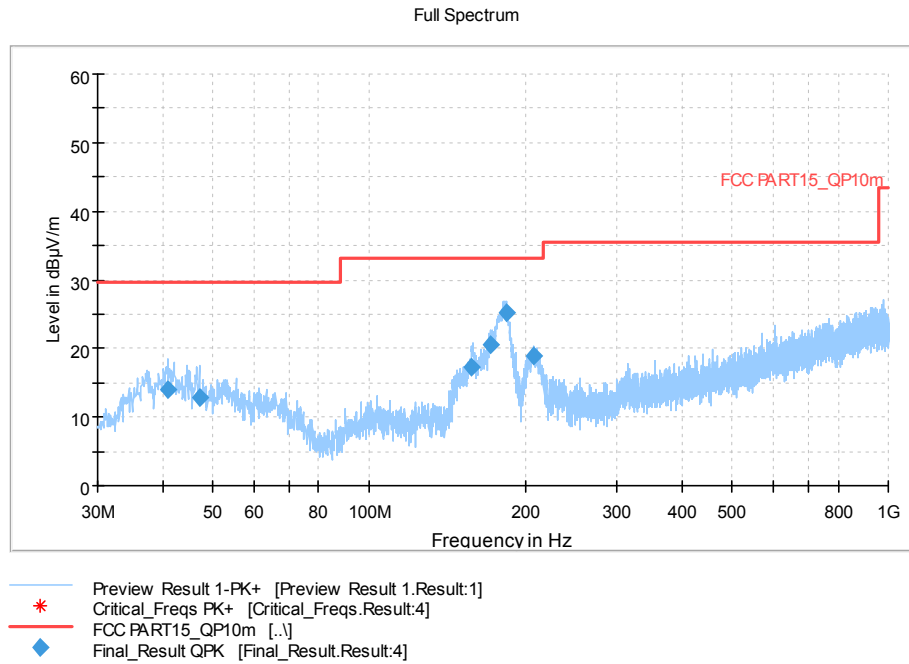


Figure A.3 Radiated Emission from 30MHz to 1GHz

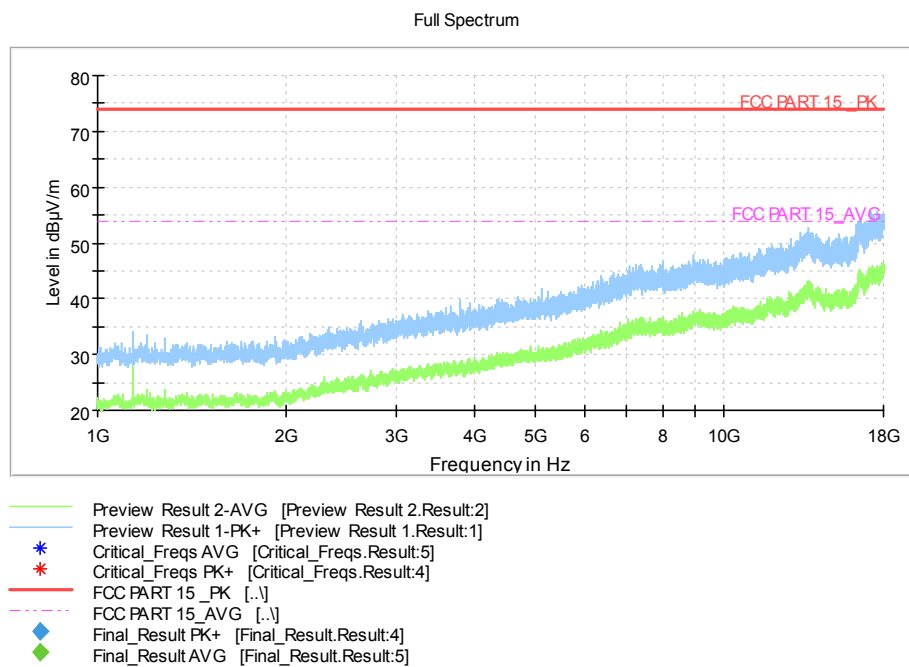


Figure A.4 Radiated Emission from 1GHz to 6GHz

EUT1 Charger+FM Mode, Set.3

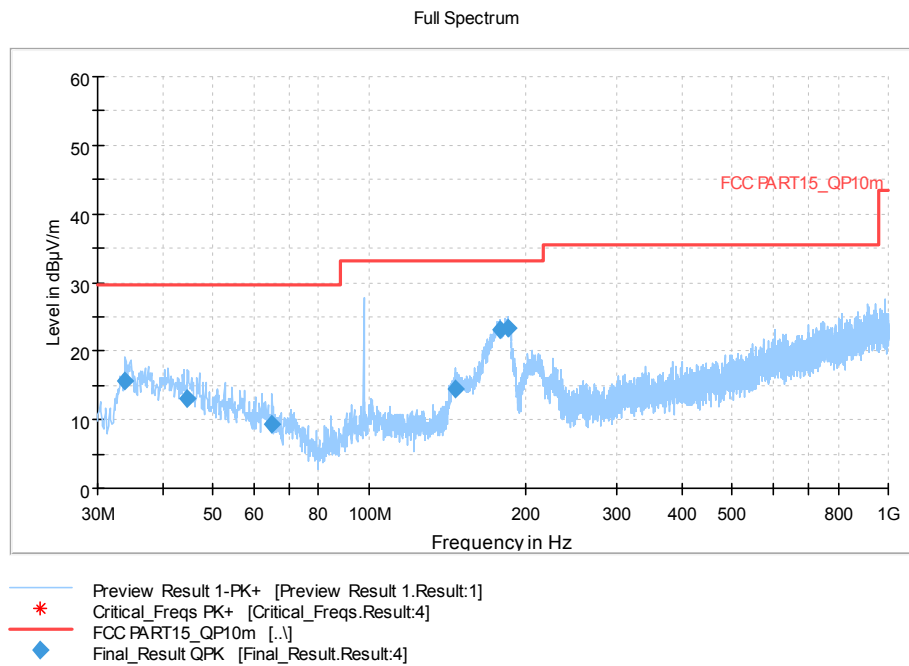


Figure A.5 Radiated Emission from 30MHz to 1GHz

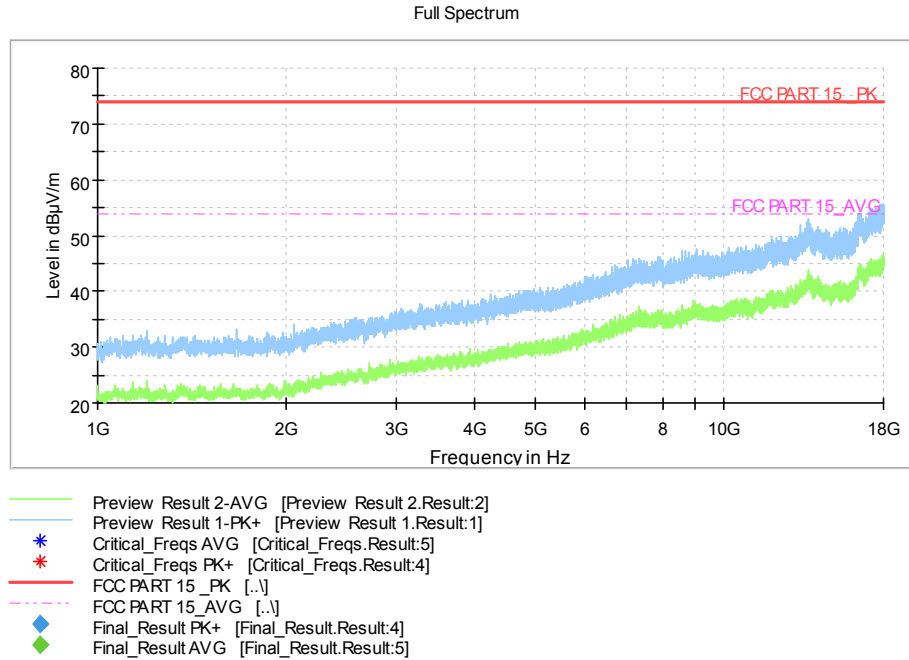


Figure A.6 Radiated Emission from 1GHz to 6GHz

EUT1 USB + SD + Front Camera Mode, Set.4

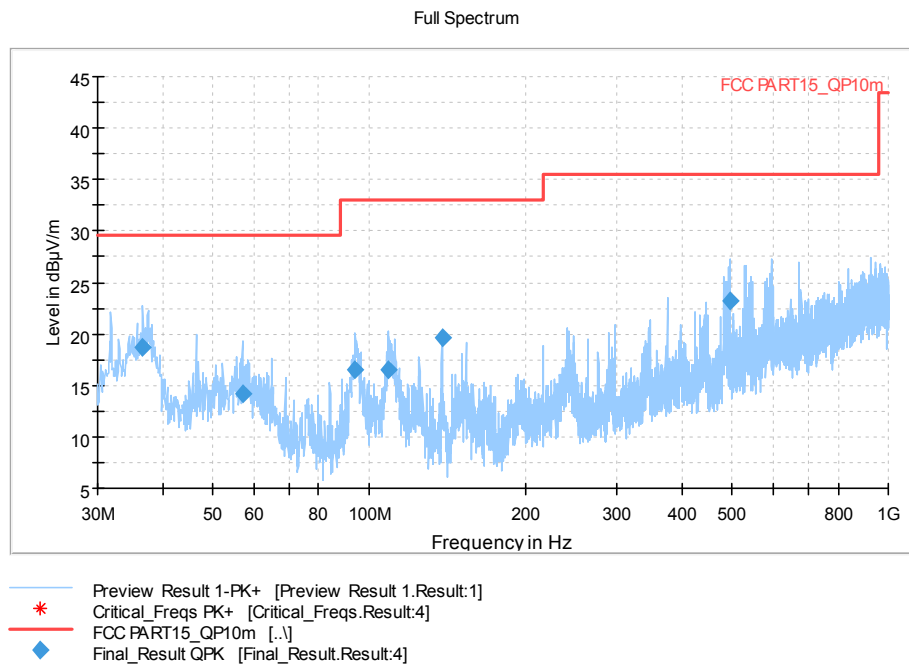


Figure A.7 Radiated Emission from 30MHz to 1GHz

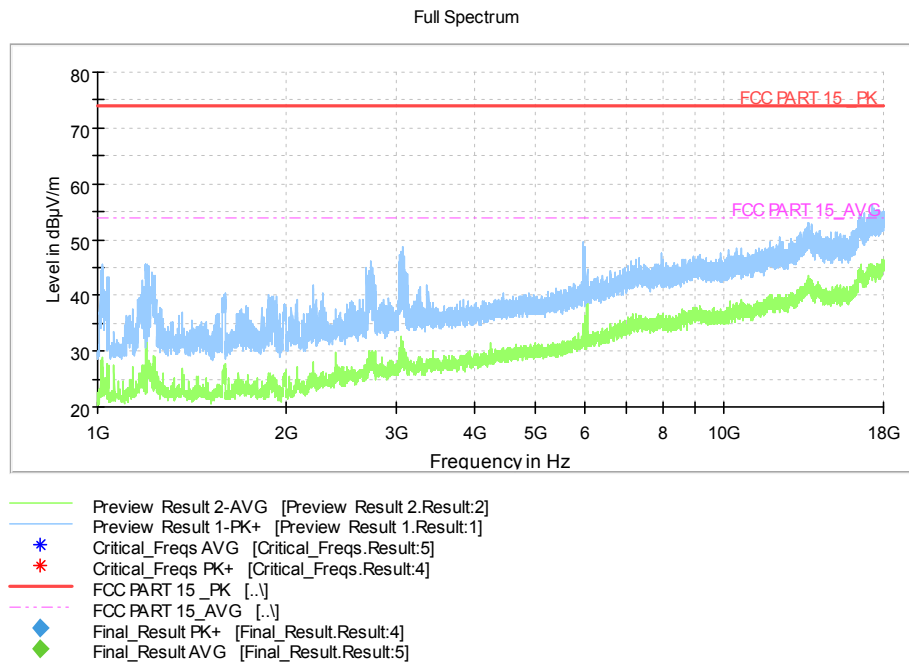


Figure A.8 Radiated Emission from 1GHz to 6GHz

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+Back Camera+GSM 850MHz idle Mode, Set.1

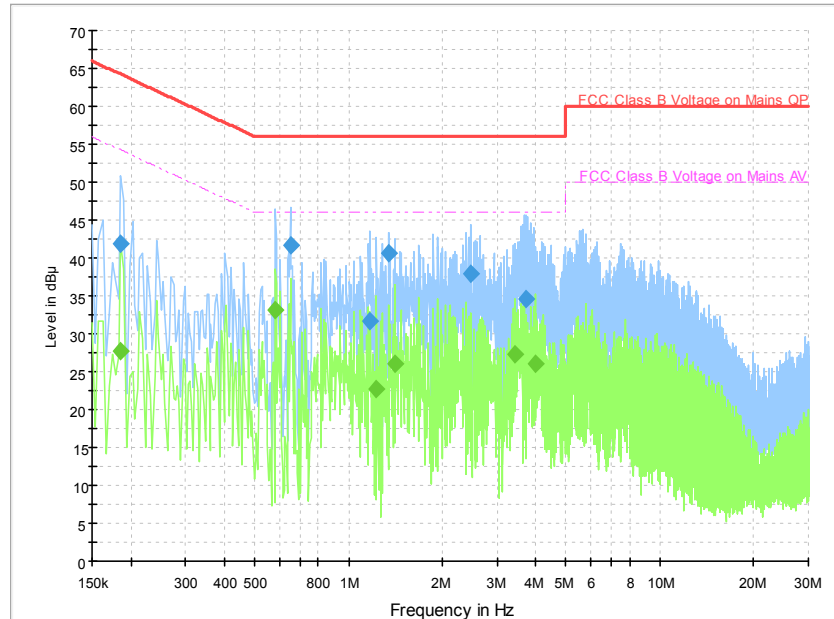


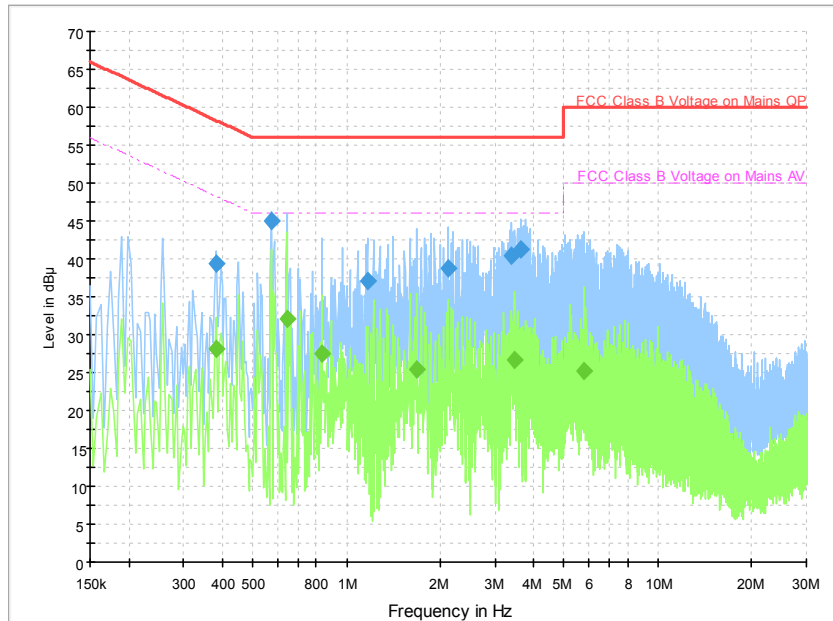
Figure A.9 Conducted Emission

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.186000	41.8	2000.0	9.000	On	L1	20.0	22.4	64.2
0.650000	41.7	2000.0	9.000	On	L1	19.7	14.3	56.0
1.174000	31.7	2000.0	9.000	On	L1	19.5	24.3	56.0
1.342000	40.7	2000.0	9.000	On	L1	19.5	15.3	56.0
2.466000	37.8	2000.0	9.000	On	L1	19.5	18.2	56.0
3.698000	34.6	2000.0	9.000	On	L1	19.5	21.4	56.0

Final Result 2

Frequency (MHz)	CAverage (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.186000	27.7	2000.0	9.000	On	L1	20.0	26.5	54.2
0.582000	33.1	2000.0	9.000	On	L1	19.8	12.9	46.0
1.230000	22.8	2000.0	9.000	On	L1	19.5	23.2	46.0
1.414000	26.0	2000.0	9.000	On	L1	19.5	20.0	46.0
3.414000	27.2	2000.0	9.000	On	L1	19.5	18.8	46.0
3.990000	26.0	2000.0	9.000	On	L1	19.6	20.0	46.0

EUT1 Charger+MP4 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)
0.382000	39.3	2000.0	9.000	On	L1	20.0	18.9	58.2
0.574000	45.1	2000.0	9.000	On	L1	19.8	10.9	56.0
1.166000	37.0	2000.0	9.000	On	L1	19.6	19.0	56.0
2.118000	38.7	2000.0	9.000	On	L1	19.5	17.3	56.0
3.382000	40.5	2000.0	9.000	On	L1	19.5	15.5	56.0
3.642000	41.2	2000.0	9.000	On	L1	19.5	14.8	56.0

Final Result 2

Frequency (MHz)	CAverage (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.382000	28.2	2000.0	9.000	On	L1	20.0	20.0	48.2
0.642000	32.1	2000.0	9.000	On	L1	19.7	13.9	46.0
0.834000	27.5	2000.0	9.000	On	L1	19.6	18.5	46.0
1.674000	25.5	2000.0	9.000	On	L1	19.5	20.5	46.0
3.454000	26.6	2000.0	9.000	On	L1	19.5	19.4	46.0
5.806000	25.2	2000.0	9.000	On	L1	19.5	24.8	50.0

EUT1 Charger+FM Mode, Set.3

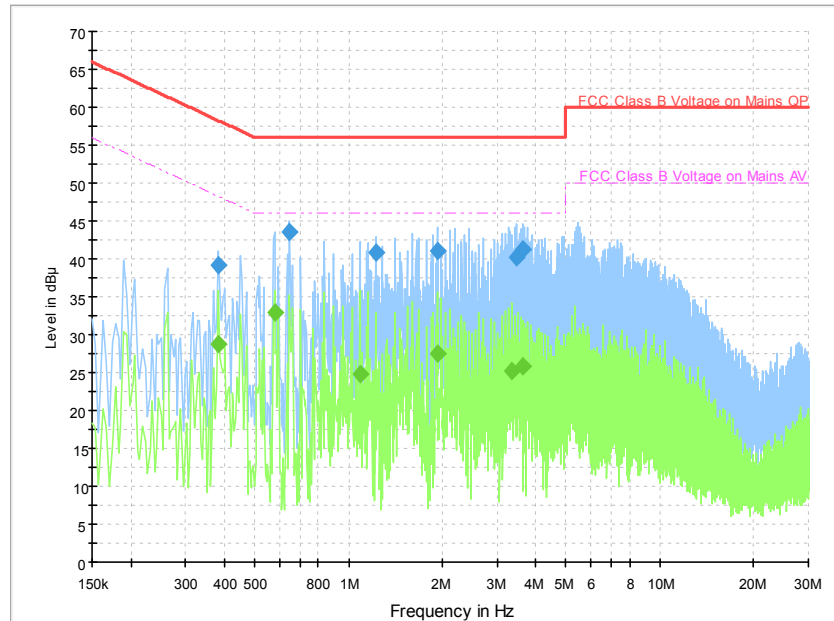


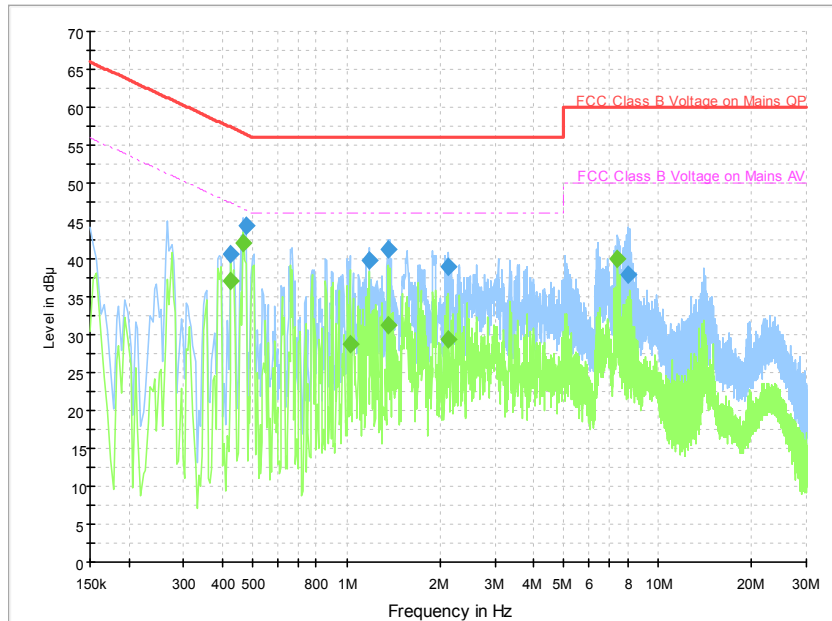
Figure A.11 Conducted Emission

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.382000	39.2	2000.0	9.000	On	L1	20.0	19.0	58.2
0.646000	43.5	2000.0	9.000	On	L1	19.7	12.5	56.0
1.222000	40.8	2000.0	9.000	On	L1	19.5	15.2	56.0
1.922000	41.1	2000.0	9.000	On	L1	19.4	14.9	56.0
3.478000	40.1	2000.0	9.000	On	L1	19.5	15.9	56.0
3.642000	41.2	2000.0	9.000	On	L1	19.5	14.8	56.0

Final Result 2

Frequency (MHz)	CAverage (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.382000	28.7	2000.0	9.000	On	L1	20.0	19.5	48.2
0.578000	32.9	2000.0	9.000	On	L1	19.8	13.1	46.0
1.086000	24.8	2000.0	9.000	On	L1	19.5	21.2	46.0
1.922000	27.5	2000.0	9.000	On	L1	19.4	18.5	46.0
3.334000	25.2	2000.0	9.000	On	L1	19.5	20.8	46.0
3.646000	25.9	2000.0	9.000	On	L1	19.5	20.1	46.0

EUT1 USB + SD + Front Camera Mode, Set.4

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)
0.426000	40.5	2000.0	9.000	On	L1	19.9	16.8	57.3
0.474000	44.5	2000.0	9.000	On	N	20.0	12.0	56.4
1.182000	39.8	2000.0	9.000	On	N	19.8	16.2	56.0
1.362000	41.3	2000.0	9.000	On	L1	19.5	14.7	56.0
2.122000	38.9	2000.0	9.000	On	L1	19.5	17.1	56.0
7.982000	37.9	2000.0	9.000	On	N	19.7	22.1	60.0

Final Result 2

Frequency (MHz)	CAverage (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.426000	37.1	2000.0	9.000	On	L1	19.9	10.3	47.3
0.466000	42.2	2000.0	9.000	On	L1	19.9	4.4	46.6
1.026000	28.7	2000.0	9.000	On	L1	19.6	17.3	46.0
1.354000	31.2	2000.0	9.000	On	N	19.8	14.8	46.0
2.122000	29.3	2000.0	9.000	On	L1	19.5	16.7	46.0
7.434000	39.9	2000.0	9.000	On	N	19.7	10.1	50.0



ANNEX B: Persons involved in this testing

Test Item	Tester
Conducted Continuous Emission	Yan Hanchen
Radiated Continuous Emission	Zhang Tianli, Li Pengfei

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