



TEST REPORT

No. I21Z61265-EMC01

for

Wingtech Group (Hong Kong) Limited

LTE 4G mobile phone

Model Name: WTVIS01

FCC ID: 2APXW-WTVIS01

with

Hardware Version: V1.1

Software Version: WTVIS01_0.01.01

Issued Date: 2021-08-30

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

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

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

Email: cttl_terminals@caict.ac.cn, website: www.caict.ac.cn

REPORT HISTORY

Report Number	Revision	Description	Issue Date
I21Z61265-EMC01	Rev.0	1 st edition	2021-08-30

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

CONTENTS

1. TEST LABORATORY	4
1.1. INTRODUCTION & ACCREDITATION	4
1.2. TESTING LOCATION	4
1.3. TESTING ENVIRONMENT	4
1.4. PROJECT DATA	4
1.5. SIGNATURE.....	4
2. CLIENT INFORMATION	5
2.1. APPLICANT INFORMATION.....	5
2.2. MANUFACTURER INFORMATION.....	5
3. EQUIPMENT UNDER TEST (EUT) AND ANCILLARY EQUIPMENT (AE)	6
3.1. ABOUT EUT.....	6
3.2. INTERNAL IDENTIFICATION OF EUT USED DURING THE TEST	6
3.3. INTERNAL IDENTIFICATION OF AE USED DURING THE TEST.....	6
3.4. GENERAL DESCRIPTION	7
3.5. EUT SET-UPS	7
4. REFERENCE DOCUMENTS.....	8
4.1. REFERENCE DOCUMENTS FOR TESTING.....	8
5. LABORATORY ENVIRONMENT.....	9
6. SUMMARY OF TEST RESULTS.....	10
7. TEST EQUIPMENTS UTILIZED.....	11
ANNEX A: MEASUREMENT RESULTS	12
ANNEX B: PERSONS INVOLVED IN THIS TESTING	28

1. Test Laboratory

1.1. Introduction & Accreditation

Telecommunication Technology Labs, CAICT is an ISO/IEC 17025:2017 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 (ISED#: 24849). 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: 2021-07-29

Testing End Date: 2021-08-29

1.5. Signature



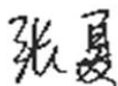
Li Yan

(Prepared this test report)



Zhang Ying

(Reviewed this test report)



Zhang Xia

Deputy Director of the laboratory

(Approved this test report)

2. Client Information

2.1. Applicant Information

Company Name: Wingtech Group (Hong Kong) Limited
Address: Flat/RM 1903, 19/F, Podium Plaza 5 Hanoi Road, Tsim Sha Tsui
Kowloon, Hong Kong
City: /
Postal Code: /
Country: /
Contact: /
Email: /
Telephone: /

2.2. Manufacturer Information

Company Name: Wingtech Group (Hong Kong) Limited
Address: Flat/RM 1903, 19/F, Podium Plaza 5 Hanoi Road, Tsim Sha Tsui
Kowloon, Hong Kong
City: /
Postal Code: /
Country: /
Contact: /
Email: /
Telephone: /

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

3.1. About EUT

Description	LTE 4G mobile phone
Model Name	WTVIS01
FCC ID	2APXW-WTVIS01
Extreme vol. Limits	3.6VDC to 4.45VDC (nominal: 3.87VDC)

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*	IME/SNI	HW Version	SW Version
EUT1	869633050010840	V1.1	WTVIS01_0.01.01
EUT2	869633050010766	V1.1	WTVIS01_0.01.01

*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	SN	Remark
AE1	SWITCHING ADAPTER	/	/
AE2	A TO C CABLE	/	/
AE3	BATTERY	/	/
AE4	HEADSET	/	/
AE5	Wireless Charger Base	/	/

AE1

Model	ASUC62a-050240
Manufacturer	Shenzhen Aquilstar Technology Co.,Ltd
Length of cable	/

AE2

Type	NB_30130-01978
Manufacturer	DongGuan Mingxinhui Technology CO.,LTD
Length of cable	/

AE3

Type	JU001
Manufacturer	Jiade Energy Technology (Zhuhai) Co.,Ltd.
Length of cable	/

Note1: The USB cables are shielded.

Note2: AE4 and AE5 are not the AE of EUT, provided by lab for relevant testing.

3.4. General Description

The device contains receivers which tune and operate between 30MHz-960MHz in the following bands: LTE BAND 5, LTE BAND 12 and LTE BAND 13.

3.5. EUT set-ups

EUT set-up No.	Combination of EUT and AE	Remarks
Set.1	EUT1 + AE1 + AE2 + AE3	ADAPTER + Camera+ RX mode
Set.2	EUT1 + AE1 + AE2 + AE3 + A4	ADAPTER + MP4+ RX mode
Set.3	EUT1 + AE2 + AE3 + AE4	USB SD TO PC +MP3 +RX mode
Set.4	EUT2 + AE3 + AE5	Wireless Charging

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×17 meters×10 meters) 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	< 4Ω
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
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 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	CAL DUE DATE	CALIBRATI ON INTERVAL
1	Test Receiver	ESCI	100344	R&S	2022-12-07	1 year
2	LISN	ENV216	101200	R&S	2022-05-30	1 year
3	Universal Radio Communication Tester	CMW500	116588	R&S	2021-12-07	1 year
4	Test Receiver	ESU26	100235	R&S	2022-02-23	1 year
5	EMI Antenna	VULB9163	01223	Schwarzbeck	2022-03-22	1 year
6	EMI Antenna	3115	6914	ETS-Lindgren	2022-02-03	1 year
7	PC	OPTIPLEX 380	2X1YV2X	DELL	N/A	N/A
8	Printer	P1606dn	VNC3L52122	HP	N/A	N/A
9	Keyboard	L100	CN0RH659658 907ATOI40	DELL	N/A	N/A
10	Mouse	M-UAE119	LZ935220ZRC	Lenovo	N/A	N/A

Test Item	Test Software and Version	Software Vendor
Radiated Continuous Emission	EMC32 V9.01.00	R&S
Conducted Emission	EMC32 V8.52.0	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 (USB mode of MS and charging mode of MS) 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 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, charging mode, MP4, MP3, CAMERA, SD, Wireless Charging mode and License RX band 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 the 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.

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

A.1.3 Measurement Limit

Frequency range (MHz)	Field strength limit ($\mu\text{V/m}$)		
	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 (worst case): 30MHz-1GHz: 5.16dB, 1GHz-18GHz: 5.44dB, $k=2$.

Measurement results for Set.1:

ADAPTER1+ Camera+ RX LTE Band5 /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)
17977.900	47.4	-29.1	46.7	29.801	54.0	6.6	H
17991.500	47.3	-29.1	46.7	29.698	54.0	6.7	H
17945.033	47.0	-28.9	46.7	29.283	54.0	7.0	H
17995.467	46.8	-29.1	46.7	29.198	54.0	7.2	V
17992.633	46.7	-29.1	46.7	29.098	54.0	7.3	V
17957.500	46.6	-28.9	46.7	28.883	54.0	7.4	V

ADAPTER 1+ Camera+ RX LTE Band5 /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)
17993.200	56.0	-29.1	46.7	38.398	74.0	18.0	H
17945.033	55.9	-28.9	46.7	38.183	74.0	18.1	H
17951.833	55.8	-28.9	46.7	38.083	74.0	18.2	V
17899.133	55.8	-29.5	46.0	39.380	74.0	18.2	V
17957.500	55.7	-28.9	46.7	37.983	74.0	18.3	V
17936.533	55.1	-29.4	46.7	37.839	74.0	18.9	H

Measurement results for Set.2:
ADAPTER 1+ MP4+ RX LTE Band12 /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)
17925.767	47.2	-29.4	46.7	29.939	54.0	6.8	H
17995.467	46.9	-29.1	46.7	29.298	54.0	7.1	H
17960.900	46.8	-29.1	46.7	29.201	54.0	7.2	H
17866.267	46.8	-29.4	46.0	30.239	54.0	7.2	V
17991.500	46.7	-29.1	46.7	29.098	54.0	7.3	H
17938.233	46.7	-29.4	46.7	29.439	54.0	7.3	H

ADAPTER 1+ MP4+ RX LTE Band12 /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)
17905.9	55.3	-29.3	46.0	38.7	74.0	18.7	V
17965.4	55.1	-29.1	46.7	37.5	74.0	18.9	V
17907.1	54.9	-29.3	46.0	38.3	74.0	19.1	V
17990.4	54.9	-29.1	46.7	37.3	74.0	19.1	H
17984.1	54.8	-29.1	46.7	37.2	74.0	19.2	V
18000.0	54.7	-29.2	47.0	36.9	74.0	19.3	H

Measurement results for Set.3:
USB (SD) mode +MP3+ RX LTE Band13 /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)
17997.733	47.7	-29.1	46.7	30.098	54.0	6.3	H
17955.800	46.6	-28.9	46.7	28.883	54.0	7.4	H
17956.367	46.5	-28.9	46.7	28.783	54.0	7.5	H
17963.733	46.3	-29.1	46.7	28.701	54.0	7.7	V
17992.633	46.1	-29.1	46.7	28.498	54.0	7.9	V
17984.700	46.0	-29.1	46.7	28.398	54.0	8.0	H

USB (SD) mode + MP3+RX LTE Band13 /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)
17998.300	56.6	-29.1	46.7	38.998	74.0	17.4	V
17997.167	56.3	-29.1	46.7	38.698	74.0	17.7	V
17982.433	56.2	-29.1	46.7	38.598	74.0	17.8	H
17921.800	55.9	-29.4	46.7	38.639	74.0	18.1	H
17952.967	55.6	-28.9	46.7	37.883	74.0	18.4	H
17990.367	55.4	-29.1	46.7	37.798	74.0	18.6	V

ADAPTER 1+ Camera+ RX LTE Band5, Set.1

Full Spectrum

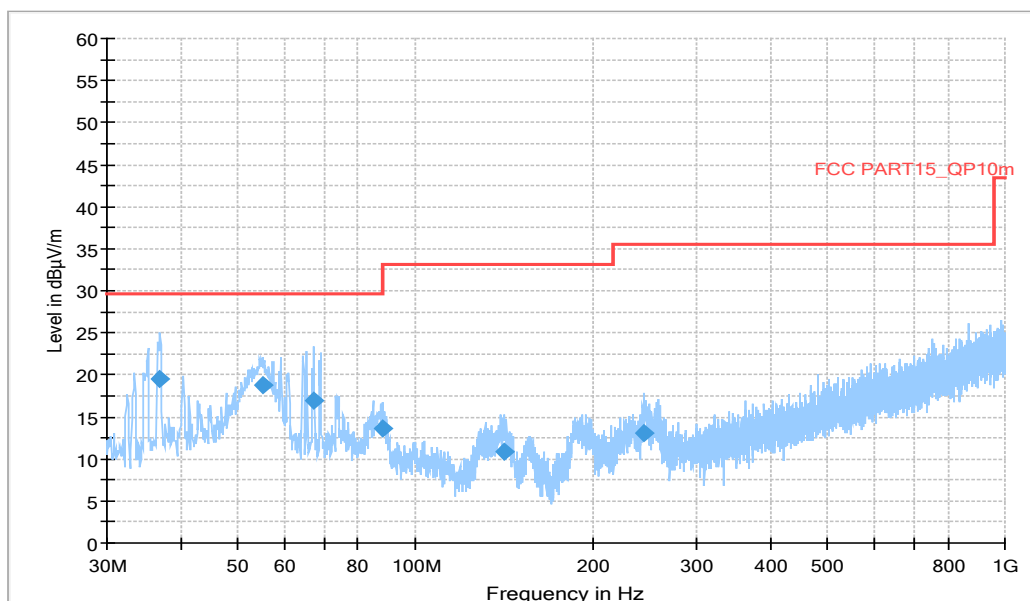


Figure A.1 Radiated Emission from 30MHz to 1GHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
36.887000	19.53	29.50	10.01	1000.0	120.000	102.0	V	194.0
55.220000	18.84	29.50	10.70	1000.0	120.000	211.0	V	120.0
67.345000	17.00	29.50	12.54	1000.0	120.000	112.0	V	-5.0
88.006000	13.54	33.10	19.52	1000.0	120.000	101.0	V	210.0
141.64700	10.84	33.10	22.22	1000.0	120.000	113.0	V	-2.0
244.37000	13.12	35.60	22.44	1000.0	120.000	190.0	V	153.0

Full Spectrum

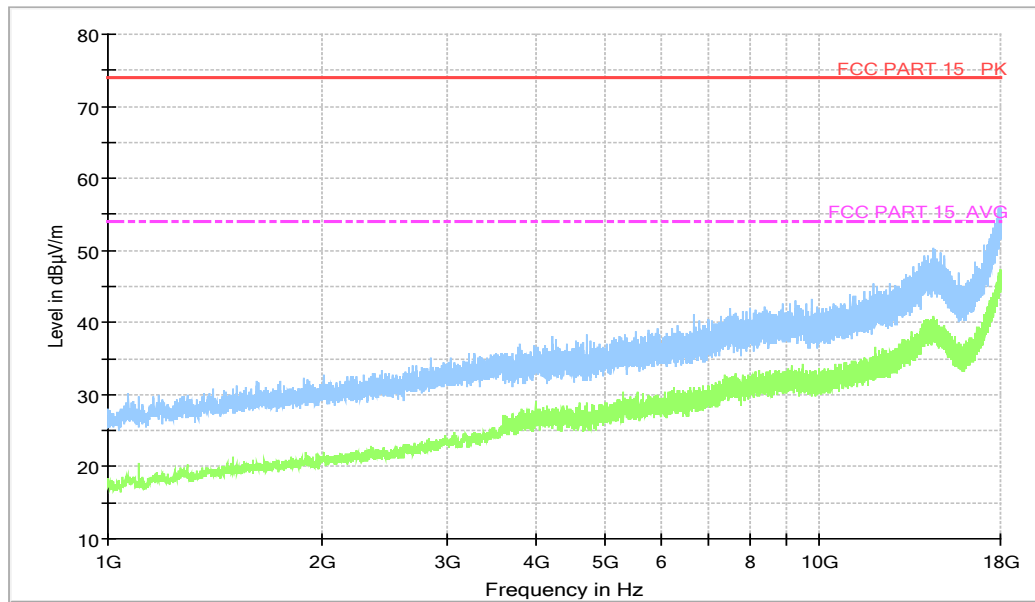


Figure A.2 Radiated Emission from 1GHz to 18GHz

ADAPTER 1+MP4+ RX LTE Band12, Set.2

Full Spectrum

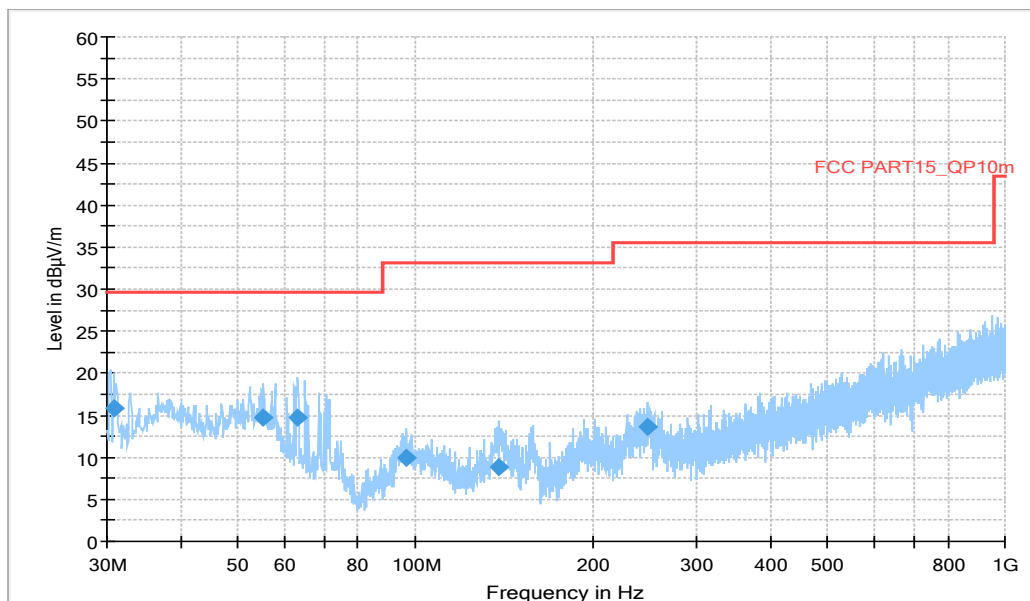


Figure A.3 Radiated Emission from 30MHz to 1GHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
30.873000	15.86	29.50	13.68	1000.0	120.000	235.0	V	174.0
55.317000	14.80	29.50	14.74	1000.0	120.000	235.0	V	30.0
63.271000	14.70	29.50	14.84	1000.0	120.000	226.0	V	-13.0
96.736000	10.03	33.10	23.03	1000.0	120.000	187.0	V	-14.0
138.54300	8.85	33.10	24.21	1000.0	120.000	102.0	V	194.0
247.66800	13.70	35.60	21.86	1000.0	120.000	109.0	V	168.0

Full Spectrum

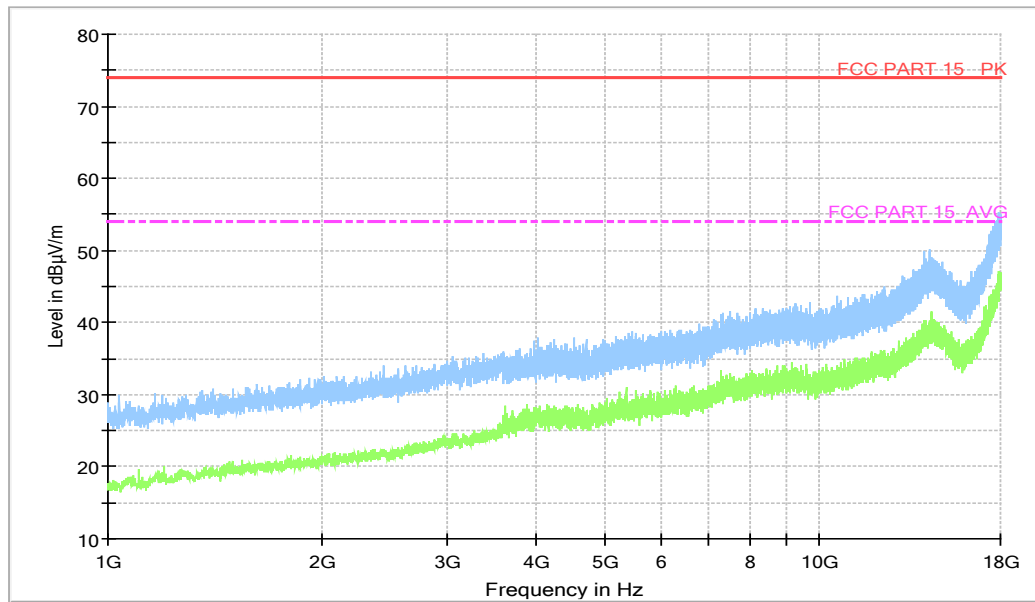


Figure A.4 Radiated Emission from 1GHz to 18GHz

USB (SD) mode+MP3 + RX LTE Band13, Set.3

Full Spectrum

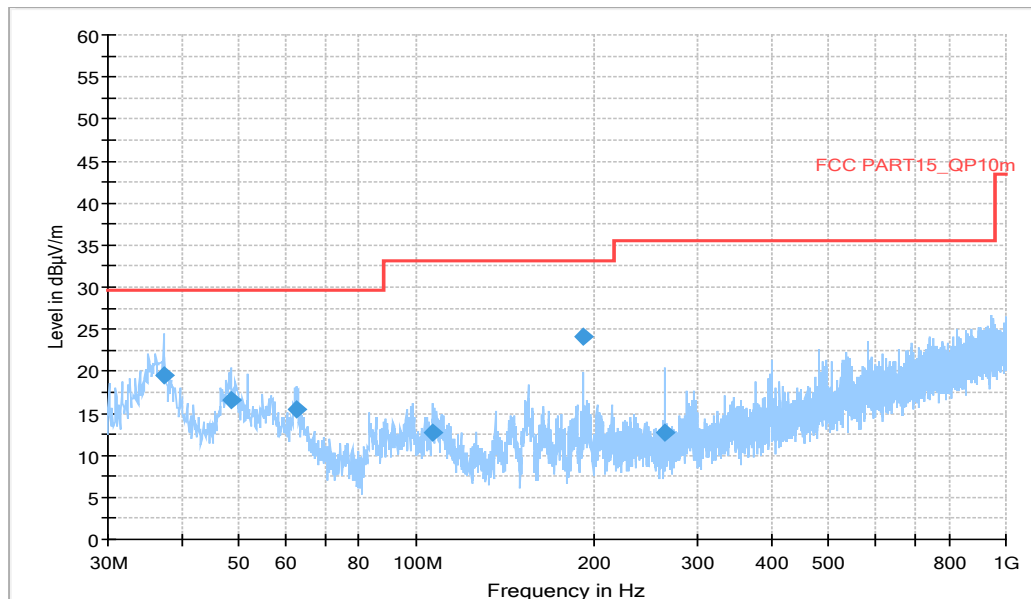


Figure A.5 Radiated Emission from 30MHz to 1GHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
37.275000	19.45	29.50	10.09	1000.0	120.000	105.0	V	109.0
48.430000	16.51	29.50	13.03	1000.0	120.000	119.0	V	-2.0
62.786000	15.43	29.50	14.11	1000.0	120.000	125.0	V	63.0
106.53300	12.71	33.10	20.35	1000.0	120.000	121.0	V	19.0
191.99000	24.19	33.10	8.87	1000.0	120.000	125.0	V	166.0
263.96400	12.74	35.60	22.82	1000.0	120.000	200.0	V	63.0

Full Spectrum

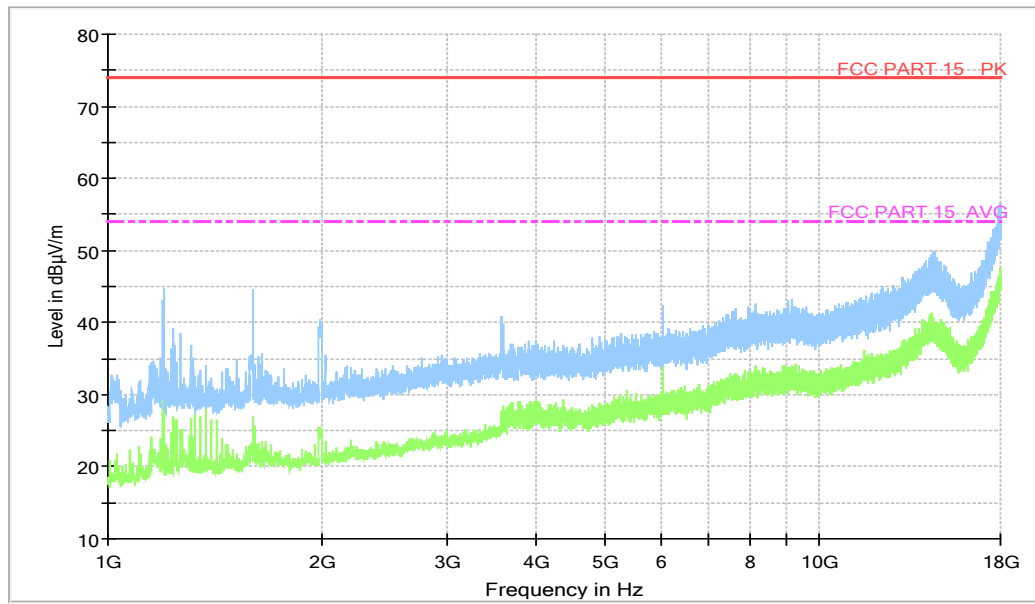


Figure A.6 Radiated Emission from 1GHz to 18GHz

Wireless Charging mode, Set.4

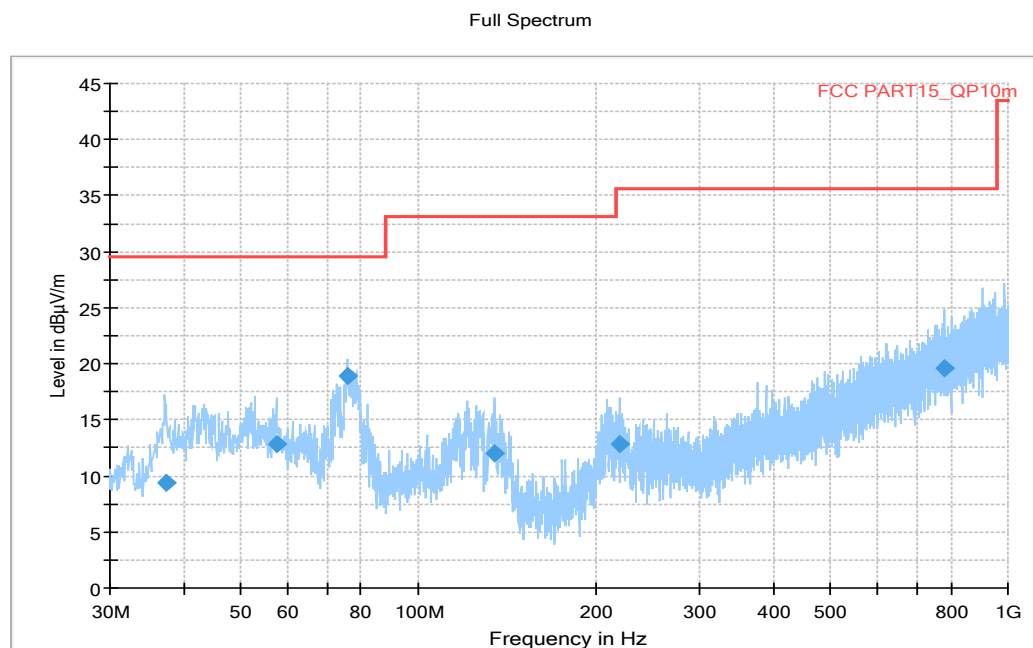


Figure A.7 Radiated Emission from 30MHz to 1GHz

Final Result 1

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
37.372000	9.45	29.50	20.09	1000.0	120.000	112.0	V	120.0
57.451000	12.79	29.50	16.75	1000.0	120.000	106.0	V	23.0
75.687000	18.91	29.50	10.63	1000.0	120.000	186.0	V	-29.0
134.85700	11.97	33.10	21.09	1000.0	120.000	106.0	V	19.0
219.82900	12.78	35.60	22.78	1000.0	120.000	220.0	V	65.0
780.68300	19.59	35.60	15.97	1000.0	120.000	298.0	V	200.0

Full Spectrum

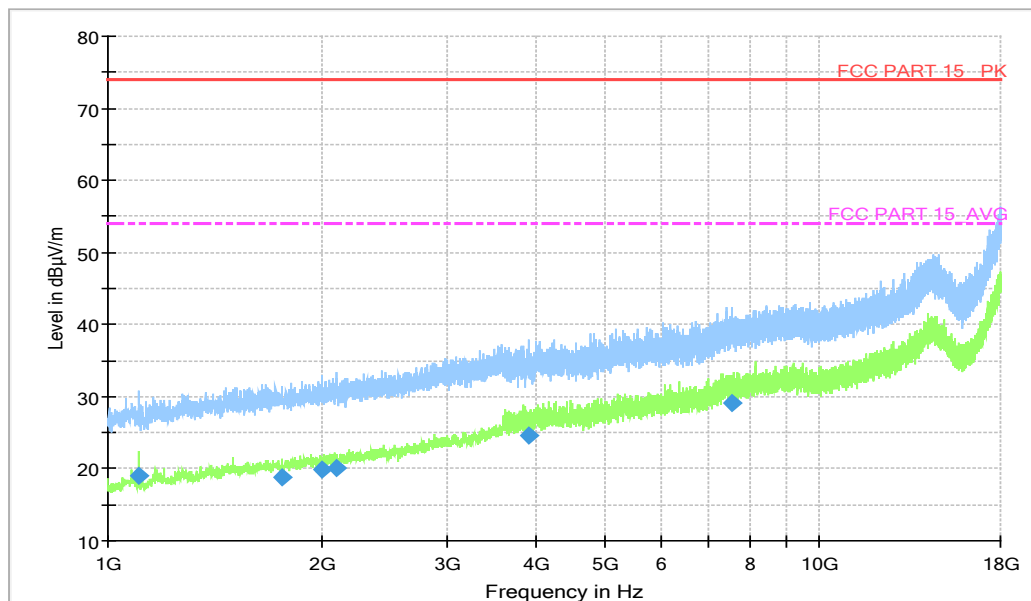


Figure A.8 Radiated Emission from 1GHz to 18GHz

Final_Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
1107.6666	18.96	54.0	35.04	500.0	1000.000	200.0	V	0.0
1753.1000	18.90	54.0	35.10	500.0	1000.000	100.0	V	90.0
2003.0000	19.97	54.0	34.03	500.0	1000.000	200.0	V	0.0
2097.0666	20.14	54.0	33.86	500.0	1000.000	200.0	V	0.0
3912.1000	24.65	54.0	29.35	500.0	1000.000	200.0	V	0.0
7556.9000	29.05	54.0	24.95	500.0	1000.000	200.0	V	0.0

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, charging mode.

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: $U = 3.10 \text{ dB}$, $k=2$.

Charging mode, Set.1

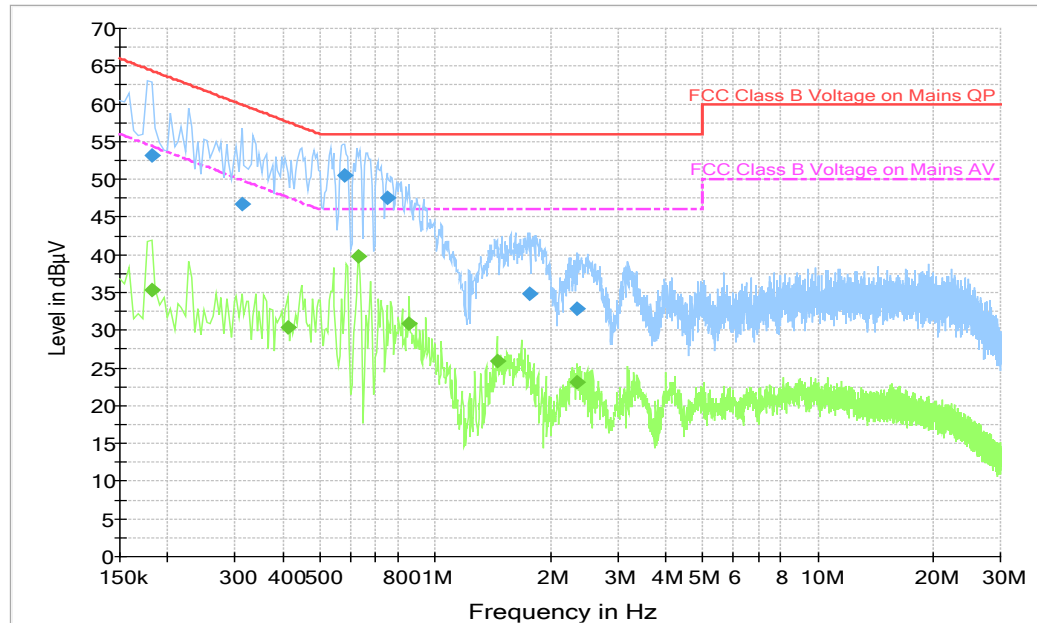


Figure A.9 Conducted Emission

Final Result 1

Frequency (MHz)	QuasiPeak (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.181500	53.2	1000.0	9.000	On	L1	20.0	11.2	64.4
0.312000	46.7	1000.0	9.000	On	L1	20.0	13.2	59.9
0.577500	50.5	1000.0	9.000	On	L1	19.8	5.5	56.0
0.748500	47.6	1000.0	9.000	On	N	19.8	8.4	56.0
1.765500	34.8	1000.0	9.000	On	N	19.8	21.2	56.0
2.350500	32.9	1000.0	9.000	On	L1	19.5	23.1	56.0

Final Result 2

Frequency (MHz)	Average (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.181500	35.3	1000.0	9.000	On	L1	20.0	19.1	54.4
0.411000	30.4	1000.0	9.000	On	L1	19.9	17.2	47.6
0.631500	39.8	1000.0	9.000	On	L1	19.7	6.2	46.0
0.856500	30.8	1000.0	9.000	On	L1	19.6	15.2	46.0
1.450500	26.0	1000.0	9.000	On	L1	19.5	20.0	46.0
2.350500	23.1	1000.0	9.000	On	L1	19.5	22.9	46.0

USB (SD) mode, Set.3

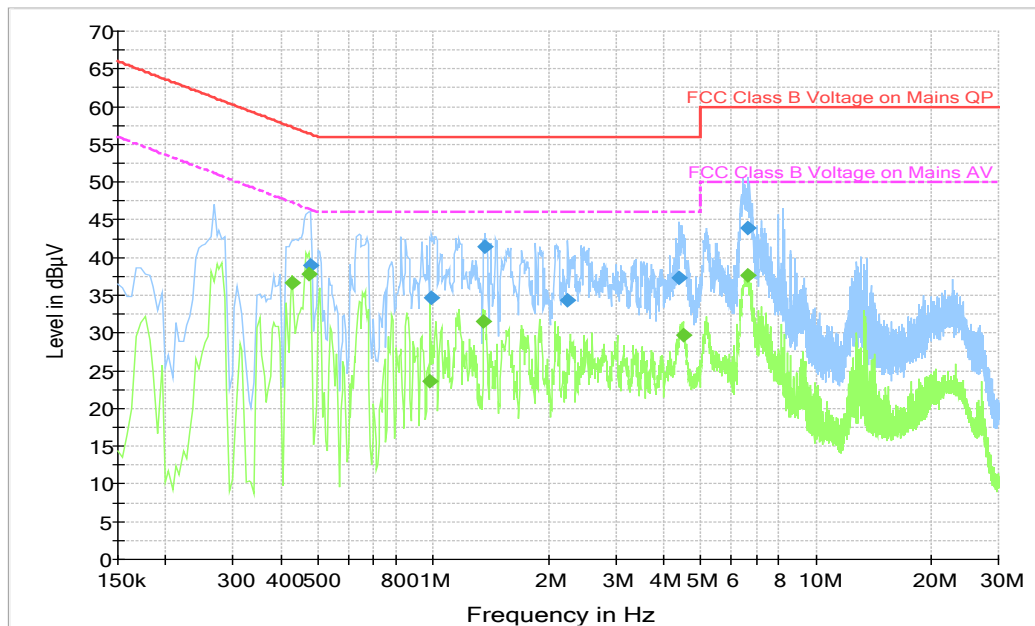


Figure A.10 Conducted Emission

Final Result 1

Frequency (MHz)	QuasiPeak (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.478500	38.9	1000.0	9.000	On	N	20.0	17.4	56.4
0.991500	34.6	1000.0	9.000	On	L1	19.6	21.4	56.0
1.365000	41.4	1000.0	9.000	On	L1	19.5	14.6	56.0
2.251500	34.4	1000.0	9.000	On	N	19.7	21.6	56.0
4.389000	37.3	1000.0	9.000	On	L1	19.6	18.7	56.0
6.621000	43.9	1000.0	9.000	On	L1	19.5	16.1	60.0

Final Result 2

Frequency (MHz)	Average (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.429000	36.7	1000.0	9.000	On	N	19.9	10.6	47.3
0.474000	37.8	1000.0	9.000	On	N	20.0	8.7	46.4
0.982500	23.7	1000.0	9.000	On	L1	19.6	22.3	46.0
1.351500	31.5	1000.0	9.000	On	N	19.8	14.5	46.0
4.497000	29.8	1000.0	9.000	On	L1	19.6	16.2	46.0
6.616500	37.7	1000.0	9.000	On	N	19.7	12.3	50.0

Wireless charging mode, Set.4

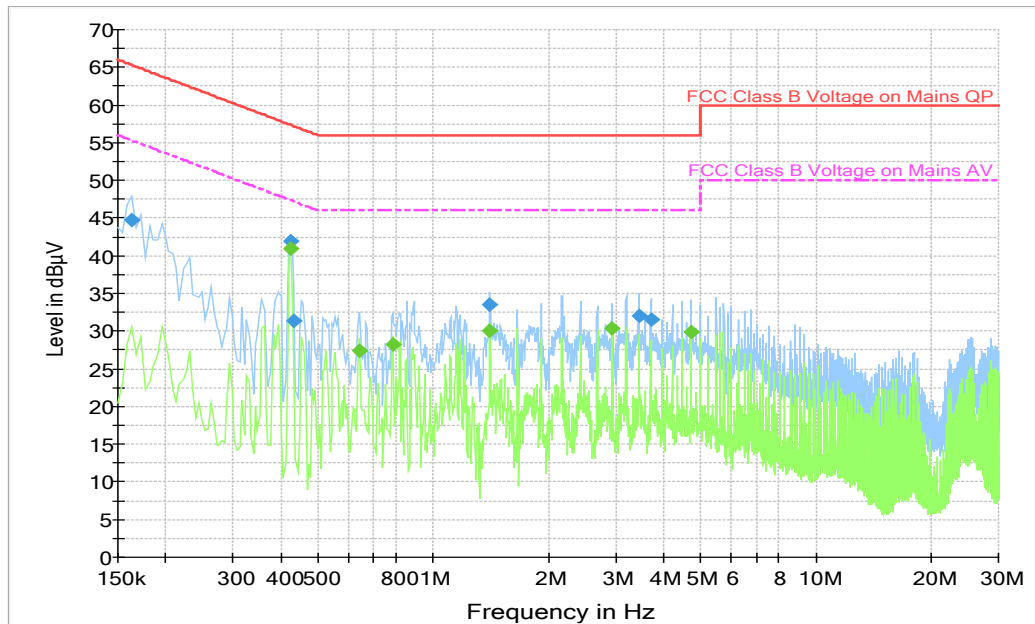


Figure A.11 Conducted Emission

Final Result 1

Frequency (MHz)	QuasiPeak (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.163500	44.7	1000.0	9.000	On	N	19.6	20.6	65.3
0.424500	41.9	1000.0	9.000	On	N	19.9	15.4	57.4
0.433500	31.3	1000.0	9.000	On	L1	19.9	25.9	57.2
1.405500	33.4	1000.0	9.000	On	N	19.8	22.6	56.0
3.453000	32.1	1000.0	9.000	On	N	19.7	23.9	56.0
3.705000	31.6	1000.0	9.000	On	N	19.7	24.4	56.0

Final Result 2

Frequency (MHz)	Average (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.424500	40.9	1000.0	9.000	On	N	19.9	6.4	47.4
0.640500	27.4	1000.0	9.000	On	L1	19.7	18.6	46.0
0.784500	28.3	1000.0	9.000	On	N	19.8	17.7	46.0
1.405500	30.0	1000.0	9.000	On	N	19.8	16.0	46.0
2.940000	30.3	1000.0	9.000	On	N	19.7	15.7	46.0
4.726500	29.9	1000.0	9.000	On	N	19.7	16.1	46.0

ANNEX B: Persons involved in this testing

Test Item	Tester
Radiated Emission	ZHANG Tianli, DIANG Zai LI Pengfei
Conducted Emission	WANG Huan, ZHANG Tianli,

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