Certificate Number: 5055.02

TEST REPORT

Report No.:	SRTC2020-9003(F)-0086
Product Name:	LTE/WCDMA/GSM(GPRS) Multi-Mode Digital Mobile Phone
Model Name:	ZTE 8030
Applicant:	ZTE CORPORATION
Manufacturer:	ZTE CORPORATION
Specification:	FCC Part15B (Certification) (2020 edition)
FCC ID:	SRQ-ZTE8030

The State Radio_monitoring_center Testing Center (SRTC)

15th Building, No.30 Shixing Street, Shijingshan District,

Beijing, China

Tel: 86-10-57996183 Fax: 86-10-57996388

CONTENTS

1. General information

1.1 Notes of the test report

The test report may only be reproduced or published in full. Reproduction or publication of extracts from the report requires the prior written permission of The State Radio_monitoring_center Testing Center (SRTC).
The test results relate only to individual items of the samples which have been tested.

1.2 Information about the testing laboratory

Company:	The State Radio_monitoring_center Testing Center (SRTC)
Address:	15th Building, No.30 Shixing Street, Shijingshan District
Testing location:	No.80, Zhaojiachang, BeizangCun, Daxing District, Beijing, China.
City:	Beijing
Country or Region:	China
Contacted person:	Liu Jia
Tel:	+86 10 57996183
Fax:	+86 10 57996388
Email:	liujiaf@srtc.org.cn

1.3 Applicant's details

Company:	ZTE CORPORATION
Address:	ZTE Plaza, #55 Keji Road South, Hi-Tech, Industrial Park, Nanshan District, Guangdong, P.R.China
City:	Shenzhen
Country or Region:	P.R.China
Contacted person:	Gong Yu
Tel:	+86-21-68895397
Email:	gongyu@zte.com.cn

1.4 Manufacturer's details

Company:	ZTE CORPORATION
Address:	ZTE Plaza, #55 Keji Road South, Hi-Tech, Industrial Park, Nanshan District, Guangdong, P.R.China
City:	Shenzhen
Country or Region:	P.R.China
Contacted person:	Gong Yu
Tel:	+86-21-68895397
Email:	gongyu@zte.com.cn

1.5 Application details

Date of reception of test sample: 25th February 2021
Date of test: 25th February 2021 to 15th March 2021

1.6 Reference specification

FCC Part 15B, 2020 (Certification)

1.7 Information of EUT

1.7.1 General information

Name of EUT	LTE/WCDMA/GSM(GPRS) Multi-Mode Digital Mobile Phone
Model Name	ZTE 8030
FCC ID	SRQ-ZTE8030
Frequency Range	GSM: GSM850 / PCS1900 WCDMA: FDD II / FDD IV / FDD V LTE: FDD 2/ FDD 4/ FDD 5/ FDD 7/ FDD 26/FDD 66 Bluetooth: 2.4~2.4835GHz WiFi: 2.4~2.4835GHz
Equipment Class	Class B
Power Supply	Battery or Charger
Rated Power Supply Voltage	4V
Extreme Temperature	Lowest: -10°C Highest: +55°C
Extreme Voltage	Minimum: 3.8V Maximum: 4.3V
HW Version	zg7A
SW Version	TEL_MX_ZTE_8030V1.0

1.7.2EUT details

Product Name	Model Name	IMEI
LTE/WCDMA/GSM(GPRS) Multi-Mode Digital Mobile Phone	ZTE 8030	866118505000168 6/866118505000143 9

Note: As the applicant of this model, [ZTE CORPORATION] declares that the product has two suppliers of Battery. Test the main and second supply equipment respectively, and record the results in the test report.

1.7.3 Auxiliary equipment details

AE (Auxiliary Equipment) 1#: Laptop

Manufacturer	Lenovo
Model Number	E470c
S/N	PF10VBX6
Input Voltage	100V-240V AC

AE (Auxiliary Equipment) 2#: USB Cable1

Manufacturer	Shenzhen Luxshare Precision Industry Co.,Ltd.
Model Number	USB-TC20-W-100-M-L-HF

AE (Auxiliary Equipment) 3#: USB Cable2

Manufacturer	King Power Electronics Co.Ltd.
Model Number	USB-TC20-W-100-M-L-HF

AE (Auxiliary Equipment) 4#: Charger1

Manufacturer	RUIJING
Model Number	STC-A5930A1-Z
S/N	/
Input Voltage	100V-240V AC 0.5A
Output Voltage	5.0VDC 3.0A or 9.0VDC 2.0A or 12.0VDC 1.5A

AE (Auxiliary Equipment) 5#: Charger2

Manufacturer	Chenyang
Model Number	STC-A5930A1-Z
S/N	/

Input Voltage	100V-240V AC 0.5A
Output Voltage	5.0VDC 3.0A or 9.0VDC 2.0A or 12.0VDC 1.5A

AE (Auxiliary Equipment) 6#: Headset1

Manufacturer	JUWEI ELECTRONICS CO.,LTD
Model Number	JWEP1036-Z01R

AE (Auxiliary Equipment) 7#: Headset2

Manufacturer	ShenZhen FDC Electronic Co.,Ltd
Model Number	DEM-66

AE (Auxiliary Equipment) 8#: Battery1

Manufacturer	SCUD（ FU JIAN） ELECTRONICS Co., Ltd.
Model Number	Li3949T44P8h906450

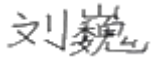
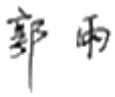
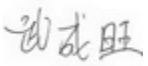
AE (Auxiliary Equipment) 9#: Battery 2

Manufacturer	Amperex Technology Limited
Model Number	Li3949T44P8h906450

2.Test information

2.1 Summary of the test results

No.	Test case	FCC reference	Verdict
1	Conducted emissions	15.107	Pass
2	Radiated emissions	15.109	Pass

Approved By: Director of the test department 	Checked By： Vice director of the test department 
Tested By: Mr. Wu Chengwang 	Issued date: **2021.03.15**

2.2 Test result

2.2.1Conducted Emissions-FCC Part15.107

Ambient condition:

Temperature	Relative humidity	Pressure
18.5°C	40.4%	100.8kPa

Test Setup with laptop:

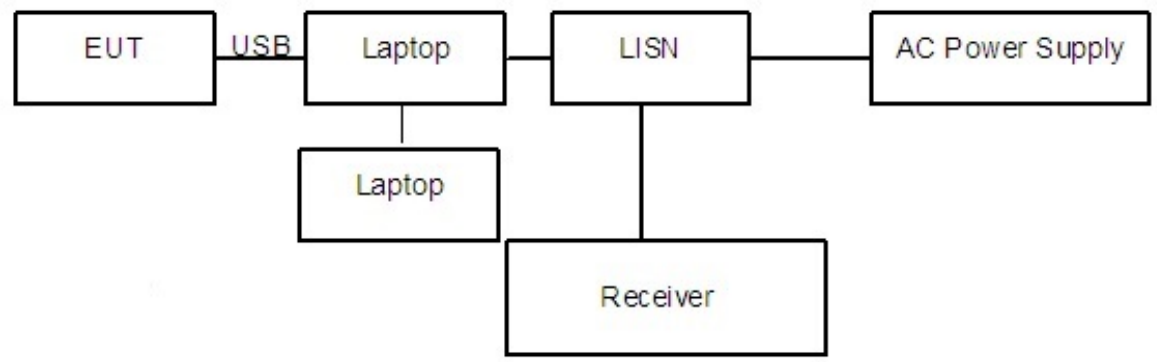


Figure 1

Test Procedure:

The EUT is placed on a non-metallic table 0.8m above the horizontal metal reference ground plane. The accessories of the EUT are connected with the EUT such as headset etc. The EUT was connected with a laptop via the USB cable and transferred the data by copying large files from laptop to the EUT. The laptop's LAN port is connected with another laptop via cable. And the data transferring between two laptops is maintained.
The AC main power supply of the laptop is connected to LISN and LISN is connected to the reference ground. The test set-up and the test methods are performed according to ANSI C63.4:2014.
Then start the test software EMC32. Sweep the whole frequency band through the range from 150 KHz to 30 MHz with RBW 9kHz, VBW 30kHz. The measurement should be done for both L line and N line. During pre-test, the receiver uses both peak detector and average detector. And the final test, the receiver uses both average detector and Quasi-peak detector.
The data of cable loss has been calibrated in full testing frequency range before the testing.

Test Setup with charger:

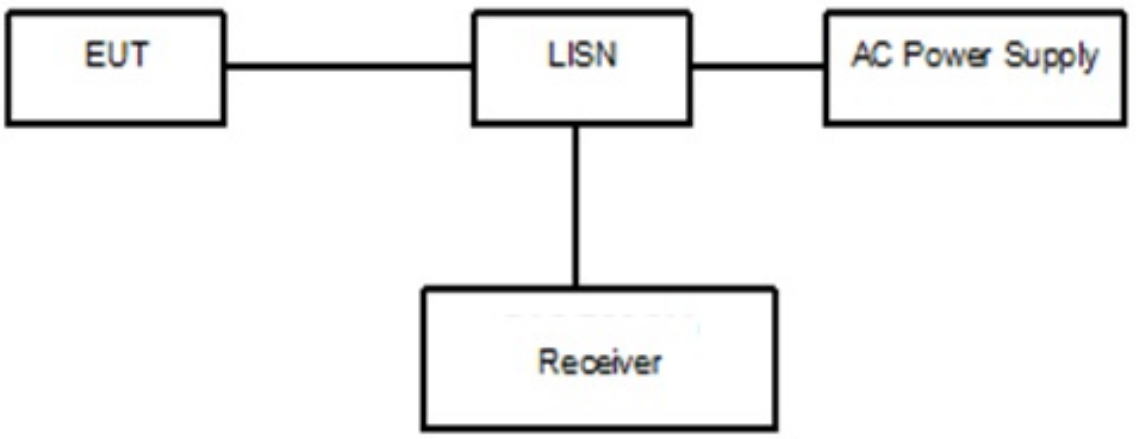


Figure 2

Test Procedure:

The EUT is placed on a non-matellic table 0.8m above the horizontal metal reference ground plane. The EUT is connected with LISN via the charger. The LISN is connected to the reference ground. The accessories of the EUT are connected with the EUT such as headset etc. Open the following functions of EUT: Camera, flash lamp, FM, GPS and video.
The test set-up and the test methods are performed according to ANSI C63.4:2014. Then start the test software EMC32. Sweep the whole frequency band through the range from 150 KHz to 30 MHz with RBW 9kHz, VBW 30kHz. The measurement should be done for both L line and N line. During pre-test, the receiver uses both peak detector and average detector. And the final test, the receiver uses both average detector and Quasi-peak detector.
The data of cable loss has been calibrated in full testing frequency range before the testing.
A “reference path loss” Corr.(dB) is established and the L_{cable}+ATT+VDF is the attenuation of ” reference path loss”, and including the cable loss, the attenuation of the attenuator, the voltage division factor of AMN.
The measurement results are obtained as described below:
$P_{result}=P_{mea}$+ Corr.(dB)

Sample calculation: (23.68 dBμV) = (-6.02 dBμV) + (29.7 dB), the corresponding frequency is 0.358950MHz.

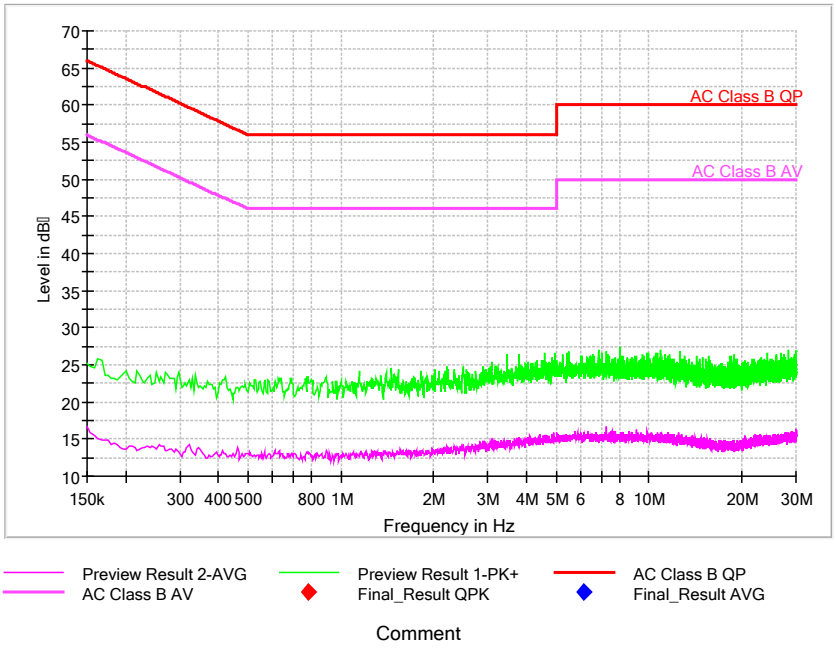
Limit:

Frequency of Emission(MHz)	Limits(dBμV)	
	Quasi-peak	Average
0.15～0.5	66 to 56*	56 to 46*
0.5～5	56	46
5～30	60	50

Note: * Decreases with the logarithm of the frequency

Test result:

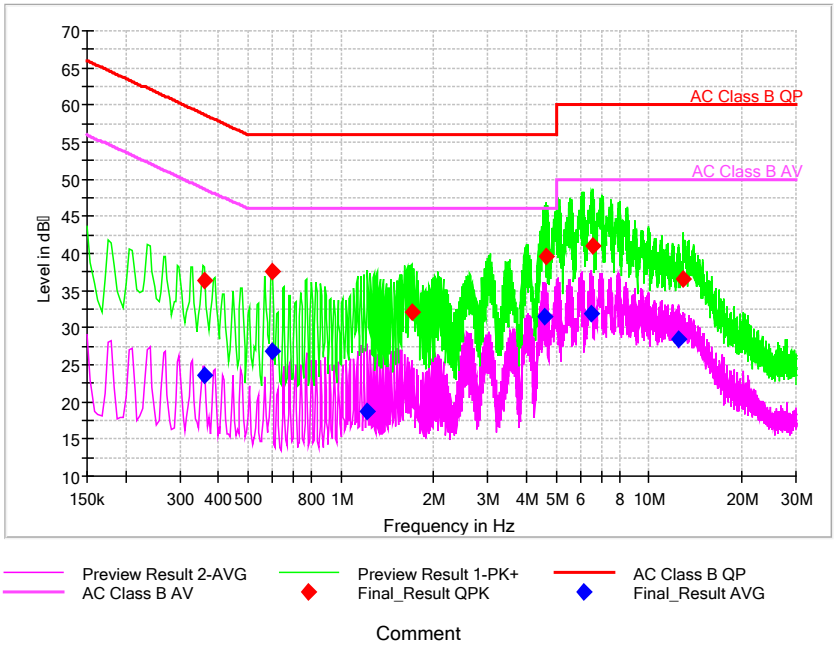
Noise Level of the Measuring Instrument



Pic1.Conducted emission L and N Line

240VAC：

EUT + 2#AE: USB Cable1+4# AE: Charger1+6# AE: Headset1+8# AE: Battery1:

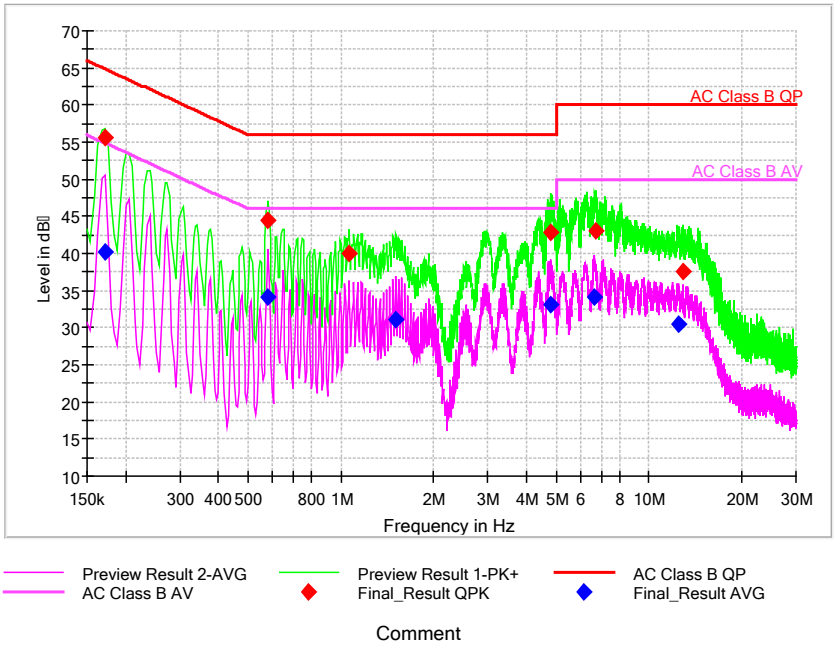


Pic2. Conducted emission L&N Line

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	Pmea QuasiPeak (dBµV)	Pmea Average (dBµV)
0.358950	---	23.68	48.75	25.07	L1	29.7	---	-6.02
0.358950	36.31	---	58.75	22.44	L1	29.7	6.61	---
0.597750	---	26.79	46.00	19.21	L1	29.7	---	-2.91
0.597750	37.64	---	56.00	18.36	L1	29.7	7.94	---
1.220336	---	18.78	46.00	27.22	L1	29.8	---	-11.02
1.697936	32.18	---	56.00	23.82	L1	29.8	2.38	---
4.580593	---	31.50	46.00	14.50	N	29.8	---	1.7
4.610443	39.66	---	56.00	16.34	L1	29.8	9.86	---
6.499521	---	31.96	50.00	18.04	N	29.8	---	2.16
6.559221	41.07	---	60.00	18.93	L1	29.8	11.27	---
12.469521	---	28.53	50.00	21.47	L1	30.0	---	-1.47
12.947121	36.50	---	60.00	23.50	L1	30.0	6.5	---

240VAC：

EUT + 3#AE: USB Cable2+5# AE: Charger2+7# AE: Headset2+9# AE: Battery2:

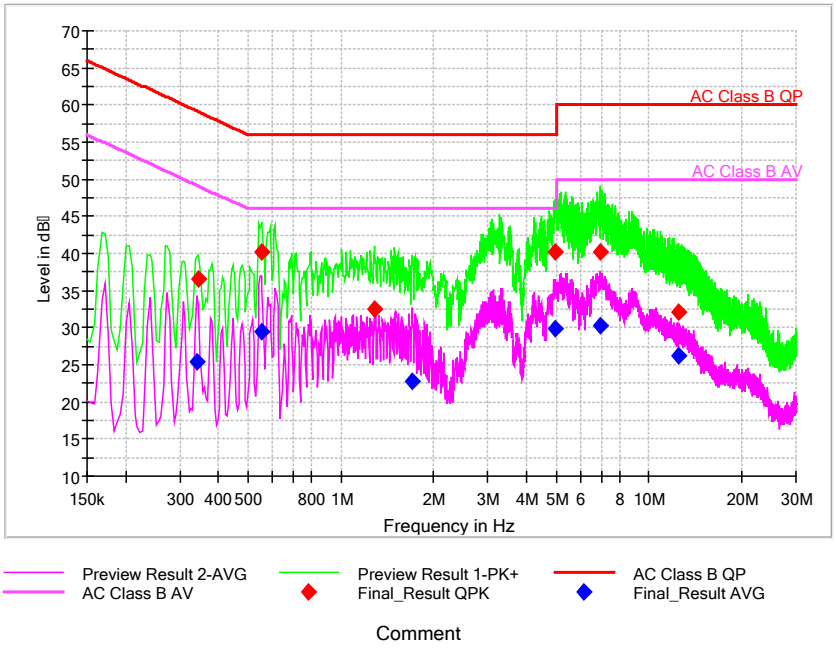


Pic3. Conducted emission L&N Line

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	Pmea QuasiPeak (dBµV)	Pmea Average (dBµV)
0.171321	---	40.15	54.90	14.75	L1	29.7	---	10.45
0.171321	55.66	---	64.90	9.24	L1	29.7	25.96	---
0.580693	---	34.07	46.00	11.93	L1	29.7	---	4.37
0.580693	44.50	---	56.00	11.50	L1	29.7	14.8	---
1.062557	39.91	---	56.00	16.09	L1	29.8	10.11	---
1.510307	---	31.00	46.00	15.00	N	29.8	---	1.2
4.781014	---	33.13	46.00	12.87	N	29.8	---	3.33
4.819393	42.89	---	56.00	13.11	L1	29.8	13.09	---
6.644507	---	34.03	50.00	15.97	L1	29.8	---	4.23
6.712736	42.95	---	60.00	17.05	L1	29.8	13.15	---
12.431143	---	30.51	50.00	19.49	L1	30.0	---	0.51
12.930064	37.58	---	60.00	22.42	L1	30.0	7.58	---

120VAC：

EUT + 2#AE: USB Cable1+4# AE: Charger1+6# AE: Headset1+8# AE: Battery1:

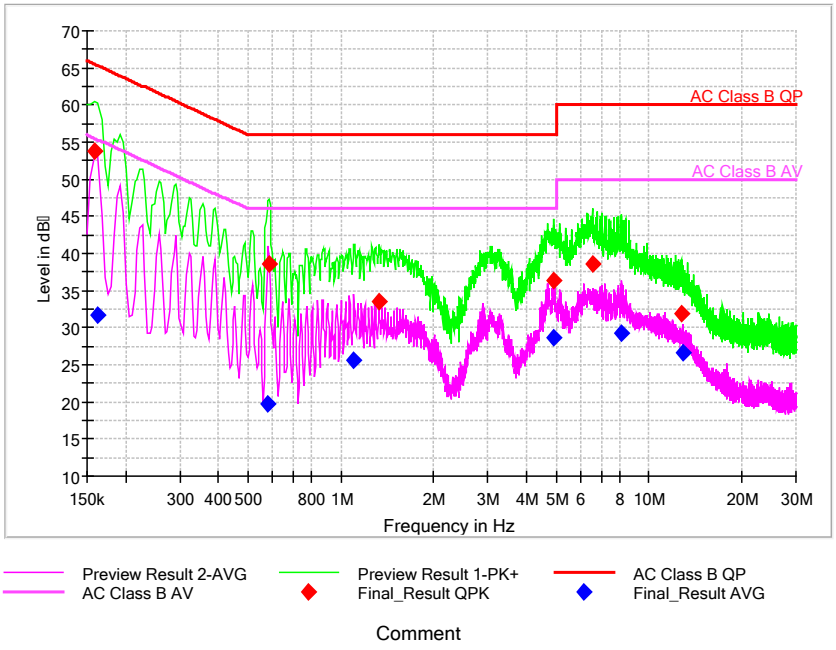


Pic4. Conducted emission L&N Line

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	Pmea QuasiPeak (dBµV)	Pmea Average (dBµV)
0.341893	---	25.44	49.16	23.72	L1	29.7	---	-4.26
0.346157	36.50	---	59.05	22.55	L1	29.7	6.8	---
0.550843	---	29.37	46.00	16.63	L1	29.7	---	-0.33
0.555107	40.26	---	56.00	15.74	L1	29.7	10.56	---
1.284300	32.54	---	56.00	23.46	L1	29.8	2.74	---
1.702200	---	22.84	46.00	23.16	N	29.8	---	-6.96
4.947321	---	29.84	46.00	16.16	L1	29.8	---	0.04
4.964379	40.14	---	56.00	15.86	L1	29.8	10.34	---
6.972857	40.12	---	60.00	19.88	L1	29.9	10.22	---
6.972857	---	30.21	50.00	19.79	N	29.9	---	0.31
12.503636	32.08	---	60.00	27.92	N	30.0	2.08	---
12.524957	---	26.17	50.00	23.83	N	30.0	---	-3.83

120VAC：

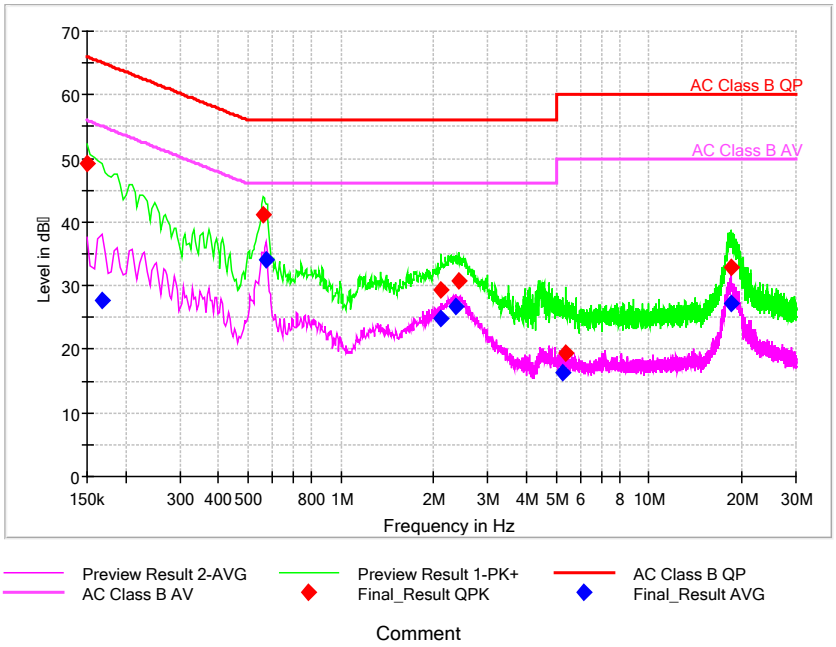
EUT + 3#AE: USB Cable2+5# AE: Charger2+7# AE: Headset2+9# AE: Battery2:



Pic5. Conducted emission L&N Line

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	Pmea QuasiPeak (dBµV)	Pmea Average (dBµV)
0.158529	53.80	---	65.54	11.74	L1	29.8	24	---
0.162793	---	31.61	55.32	23.71	L1	29.8	---	1.81
0.580693	---	19.77	46.00	26.23	L1	29.8	---	-10.03
0.584957	38.65	---	56.00	17.35	L1	29.8	8.85	---
1.100936	---	25.70	46.00	20.30	L1	29.8	---	-4.1
1.326943	33.49	---	56.00	22.51	N	29.8	3.69	---
4.926000	36.39	---	56.00	19.61	L1	29.9	6.49	---
4.926000	---	28.57	46.00	17.43	L1	29.9	---	-1.33
6.533636	38.52	---	60.00	21.48	L1	29.9	8.62	---
8.179650	---	29.35	50.00	20.65	L1	29.9	---	-0.55
12.725379	31.88	---	60.00	28.12	L1	30.0	1.88	---
12.831986	---	26.67	50.00	23.33	N	30.0	---	-3.33

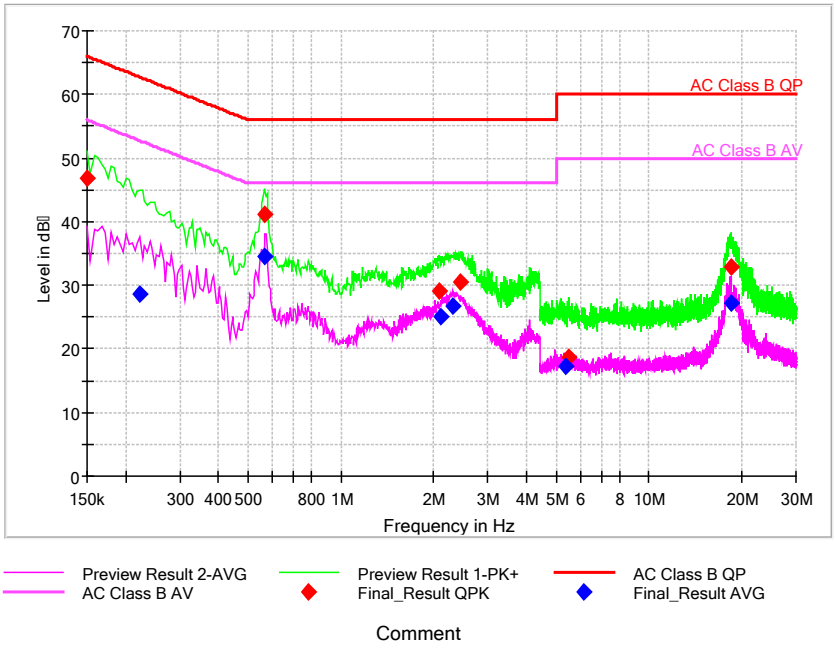
EUT +2#AE: USB Cable1+6# AE: Headset1+8# AE: Battery1+1# AE: Laptop:



Pic6. Conducted emission L&N Line

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	Pmea QuasiPeak (dBµV)	Pmea Average (dBµV)
0.150000	49.08	---	66.00	16.92	L1	29.7	19.38	---
0.167057	---	27.77	55.11	27.34	L1	29.7	---	-1.93
0.559371	41.13	---	56.00	14.87	L1	29.7	11.43	---
0.572164	---	34.04	46.00	11.96	L1	29.7	---	4.34
2.107307	29.30	---	56.00	26.70	L1	29.8	-0.5	---
2.107307	---	24.93	46.00	21.07	N	29.8	---	-4.87
2.363164	---	26.65	46.00	19.35	N	29.8	---	-3.15
2.414336	30.77	---	56.00	25.23	L1	29.8	0.97	---
5.237293	---	16.27	50.00	33.73	L1	29.8	---	-13.53
5.360957	19.29	---	60.00	40.71	L1	29.8	-10.51	---
18.396879	32.86	---	60.00	27.14	L1	30.1	2.76	---
18.473636	---	27.28	50.00	22.72	L1	30.1	---	-2.82

EUT + 3#AE: USB Cable2+7# AE: Headset2+9# AE: Battery2+1# AE: Laptop:



Pic7. Conducted emission L&N Line

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	Pmea QuasiPeak (dBµV)	Pmea Average (dBµV)
0.150000	46.79	---	66.00	19.21	L1	29.7	17.09	---
0.222493	---	28.53	52.73	24.20	L1	29.7	---	-1.17
0.563636	41.05	---	56.00	14.95	L1	29.7	11.35	---
0.567900	---	34.42	46.00	11.58	L1	29.7	---	4.72
2.090250	29.13	---	56.00	26.87	L1	29.8	-0.67	---
2.115836	---	24.95	46.00	21.05	N	29.8	---	-4.85
2.320521	---	26.65	46.00	19.35	N	29.8	---	-3.15
2.448450	30.49	---	56.00	25.51	L1	29.8	0.69	---
5.360957	---	17.32	50.00	32.68	L1	29.8	---	-12.48
5.497414	18.75	---	60.00	41.25	L1	29.8	-11.05	---
18.448050	---	27.24	50.00	22.76	L1	30.1	---	-2.86
18.516279	32.79	---	60.00	27.21	L1	30.1	2.69	---

2.2.2RadiatedEmissions-FCC Part15.109

Ambient condition:

Temperature	Relative humidity	Pressure
18.7°C	39.6%	100.8kPa

Test Setup:

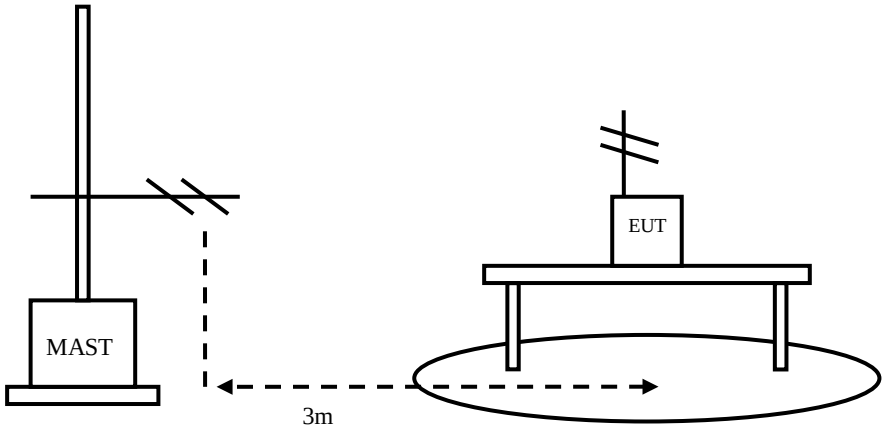


Figure 3

Test Procedure:

EUT+Laptop:
The EUT should be placed on a non-metallic table80cm above the ground plane. The receive antennas shall be moved from 1 to 4 meters. The distance between EUT and receive antenna should be 3 meters.
The accessories of the EUT are connected with the EUT such as headset etc. The EUT was connected with a laptop via the USB cable and transferred the data by copying large files from laptop to the EUT. The test set-up and the test methods are performed according to ANSI C63.4:2014
Then start the test software EMC32. Sweep the whole frequency band through the range from 30MHz to 1GHz, using receive log period antenna VULB 9163.
During the test, the height of receive antenna shall be moved from 1 to 4 meters, and the antenna shall be performed under horizontal and vertical polarization. The turn table shall be rotated from 0 to 360 degrees for detecting the maximum of radiated spurious signal level. The measurements shall be repeated with orthogonal polarization of the test antenna. The EUT is laid in two modes as follow: 1. put the EUT in horizontal direction; 2. put the EUT in vertical direction.

The data of cable loss and antenna factor have been calibrated in full testing frequency range before the testing.

EUT+Charger:

The EUT should be placed on a non-metallic table 80cm above the ground plane. The receive antennas shall be moved from 1 to 4 meters. The distance between EUT and receive antenna should be 3 meters.

The EUT should work in idle mode. The accessories of the EUT are connected with the EUT such as headset etc. Open the following functions of EUT: Camera, flash lamp, FM, GPS and video. The test set-up and the test methods are performed according to ANSI C63.4:2014.

Then start the test software EMC32. Sweep the whole frequency band through the range from 30MHz to 1GHz, using receive log period antenna VULB 9163.

During the test, the height of receive antenna shall be moved from 1 to4 meters, and the antenna shall be performed under horizontal and vertical polarization. The turn table shall be rotated from 0 to 360 degrees for detecting the maximum of radiated spurious signal level. The measurements shall be repeated with orthogonal polarization of the test antenna. The EUT is laid in two modes as follow: 1. put the EUT in horizontal direction; 2. put the EUT in vertical direction.

The data of cable loss and antenna factor have been calibrated in full testing frequency range before the testing. All test results are performed with max hold at the horizontal and vertical polarity.

RBW=120kHz, VBW=300kHz, when the test frequency: 30MHz<f<1GHz

RBW=1MHz, VBW=3MHz, when the test frequency: f>1GHz

A “reference path loss” is established and the A_{Rpl} is the attenuation of “reference path loss”, and including the gain of receive antenna, the gain of the preamplifier, the cable loss.

The measurement results are obtained as described below:

Result= $P_{mea} + A_{Rpl}$

Limit:

Frequency of Emission(MHz)	Limits	
	Detector	Unit (dBμV/m)
30～88	Quasi-peak	40
88～216	Quasi-peak	43.5
216～960	Quasi-peak	46
960～1000	Quasi-peak	54
1000～5th harmonic of the highest frequency or 40GHz, whichever is lower	Average Peak	54 74

Test result:

Sample calculation: (36.16 dB μ V/m) = (58.86 dB μ V/m) + (-22.7 dB), the corresponding frequency is 72.446500MHz.

EUT + 2#AE: USB Cable1+4# AE: Charger1+6# AE: Headset1+8# AE: Battery1:

Frequency(MHz)	Result(dB μ V/m)	Limit (dB μ V/m)	ARpl (dB)	Pmea (dB μ V/m)	Polarity
72.446500	36.16	40.00	-22.7	58.86	V
72.477000	35.96	40.00	-22.7	58.66	V
72.592000	36.27	40.00	-22.7	58.97	V
72.643000	36.01	40.00	-22.7	58.71	V
72.737500	36.09	40.00	-22.7	58.79	V
75.538500	35.99	40.00	-23.4	59.39	V

EUT + 3#AE: USB Cable2+5# AE: Charger2+7# AE: Headset2+9# AE: Battery2:

Frequency(MHz)	Result(dB μ V/m)	Limit (dB μ V/m)	ARpl (dB)	Pmea (dB μ V/m)	Polarity
69.533000	34.53	40.00	-22.0	56.53	V
71.428000	35.51	40.00	-22.4	57.91	V
71.470500	35.40	40.00	-22.4	57.80	V
72.115500	35.42	40.00	-22.6	58.02	V
72.383500	35.53	40.00	-22.7	58.23	V
72.420000	35.52	40.00	-22.7	58.22	V

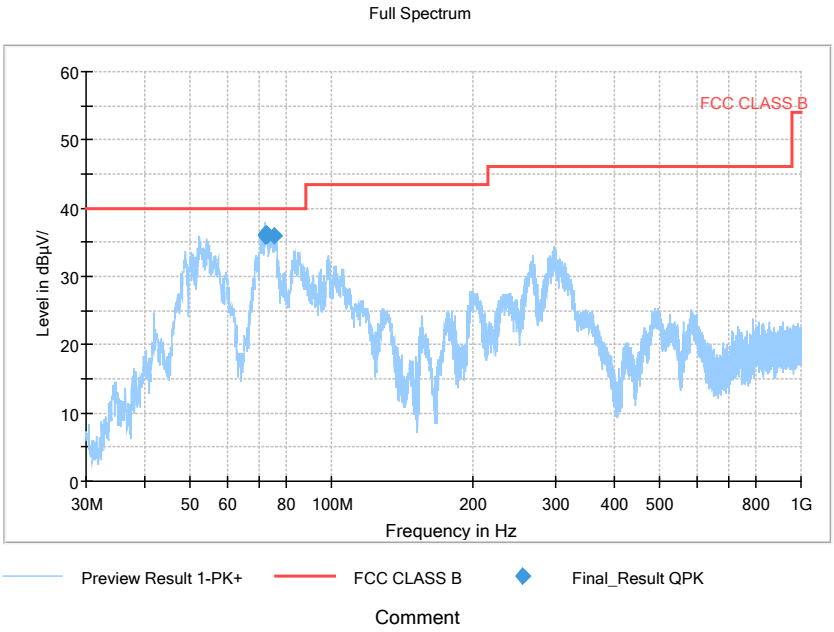
EUT + 2#AE: USB Cable1+6# AE: Headset1+8# AE: Battery1+1# AE: Laptop:

Frequency(MHz)	Result(dB μ V/m)	Limit (dB μ V/m)	ARpl (dB)	Pmea (dB μ V/m)	Polarity
119.987500	22.99	43.50	-21.3	44.29	V
168.002500	31.11	43.50	-21.5	52.61	V
504.010500	25.84	46.00	-10.5	36.34	V
551.985500	26.35	46.00	-9.2	35.55	V
599.992000	28.82	46.00	-8.0	36.82	V
743.988500	25.42	46.00	-6.0	31.42	V

EUT + 3#AE: USB Cable2+7# AE: Headset2+9# AE: Battery2+1# AE: Laptop:

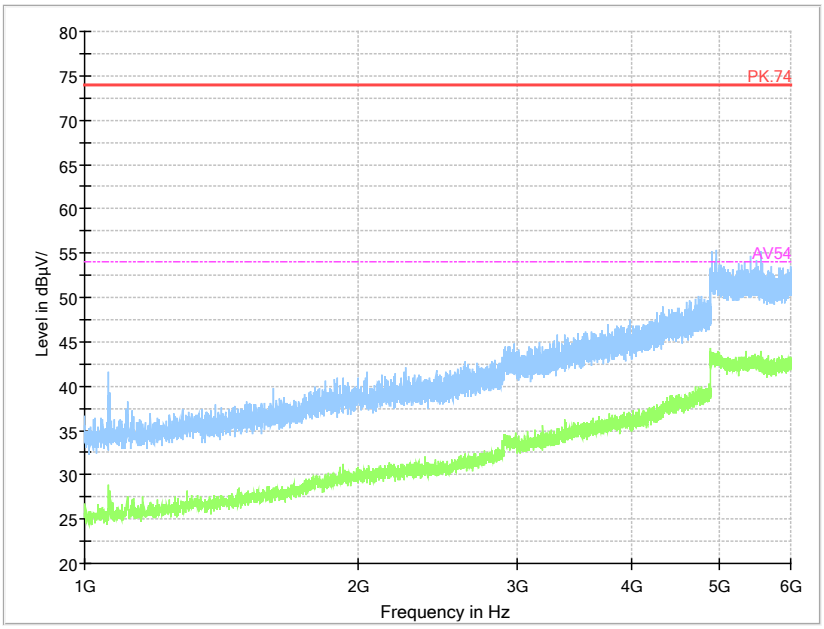
Frequency(MHz)	Result(dB μ V/m)	Limit (dB μ V/m)	ARpl (dB)	Pmea (dB μ V/m)	Polarity
119.987500	22.93	43.50	-21.3	44.23	V
168.002500	31.22	43.50	-21.5	52.72	V
504.010500	25.39	46.00	-10.5	35.89	V
551.985500	26.02	46.00	-9.2	35.22	V
600.000500	28.64	46.00	-8.0	36.64	V
792.012000	24.17	46.00	-5.1	29.27	V

EUT + 2#AE: USB Cable1+4# AE: Charger1+6# AE: Headset1+8# AE: Battery1: refer to Pic8, Pic9, Pic10



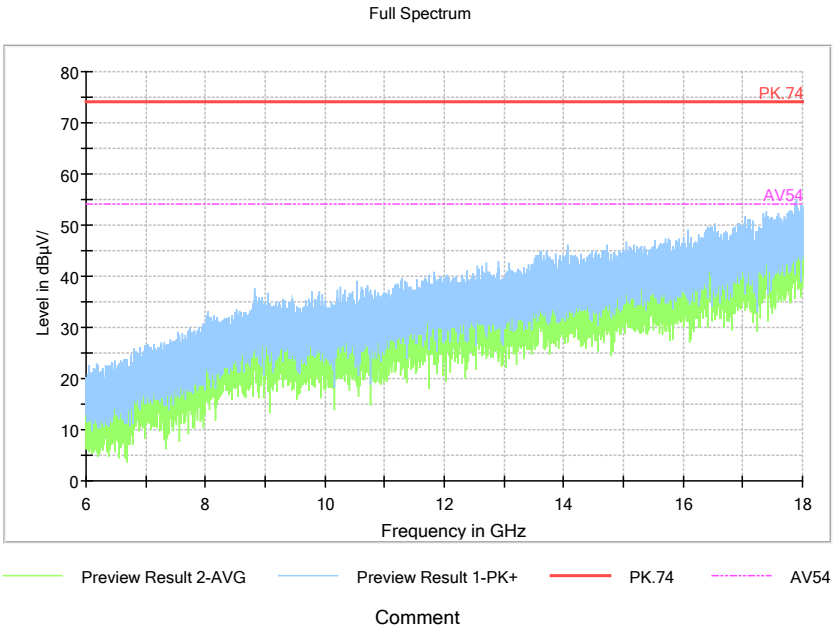
Pic8. Radiated emission(30MHz – 1GHz)

Note: The test data in the graph includes two polarizations: horizontal and vertical



Pic9. Radiated emission (1GHz –6GHz)

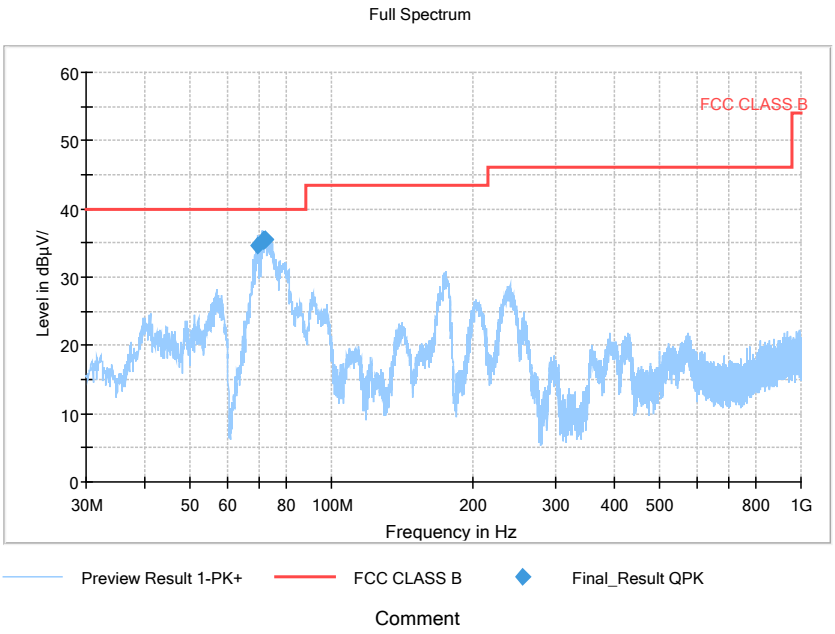
Note: The test data in the graph includes two polarizations: horizontal and vertical.



Pic10. Radiated emission (6GHz –18GHz)

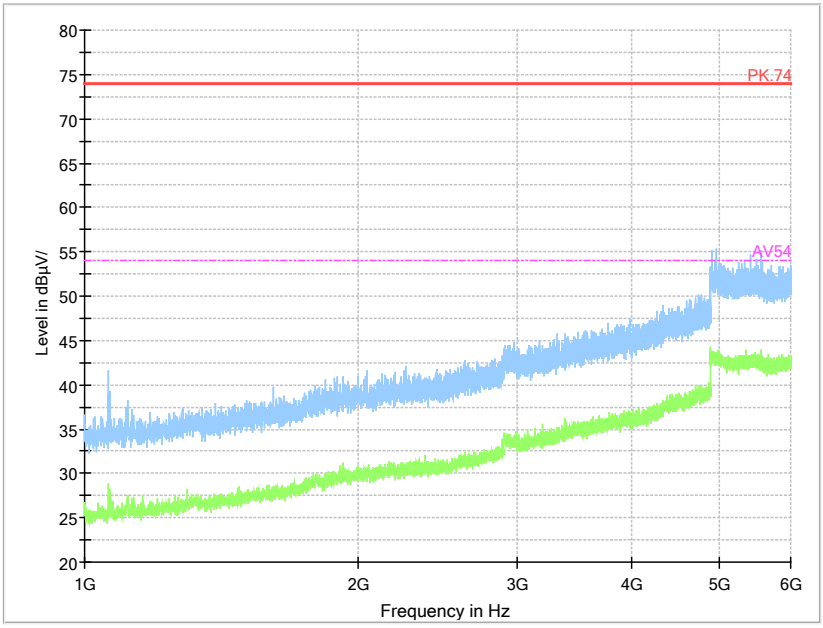
Note: The test data in the graph includes two polarizations: horizontal and vertical.

EUT+ 3#AE: USB Cable2+5# AE: Charger2+7# AE: Headset2+9# AE: Battery2: refer to Pic11, Pic12, Pic13



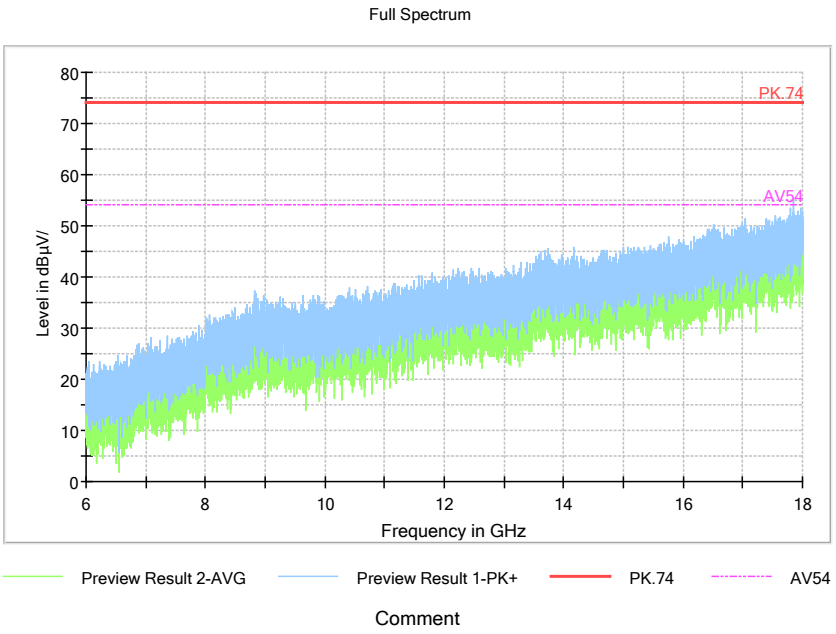
Pic11. Radiated emission(30MHz – 1GHz)

Note: The test data in the graph includes two polarizations: horizontal and vertical



Pic12. Radiated emission (1GHz –6GHz)

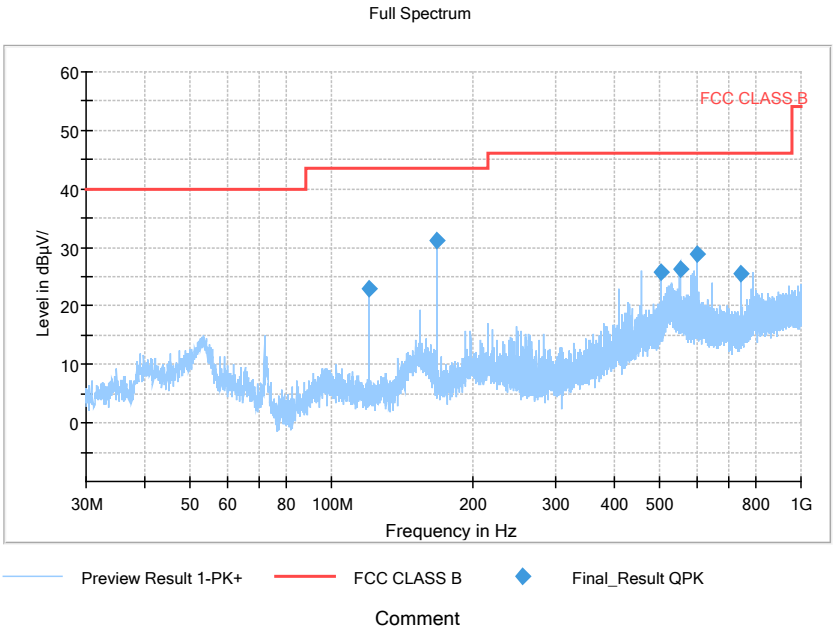
Note: The test data in the graph includes two polarizations: horizontal and vertical.



Pic13. Radiated emission (6GHz –18GHz)

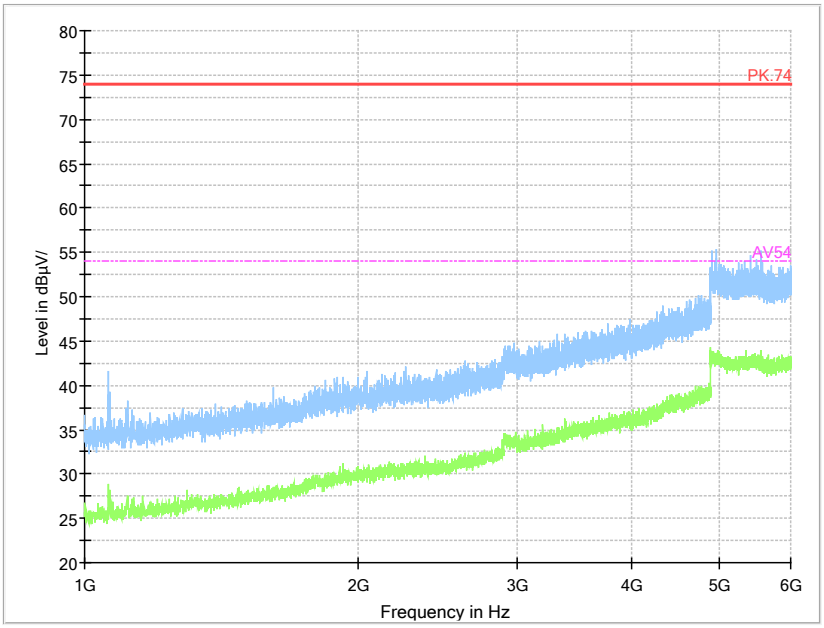
Note: The test data in the graph includes two polarizations: horizontal and vertical.

EUT + 2#AE: USB Cable1 +6# AE: Headset1+8# AE: Battery1+1# AE: Laptop: refer to Pic14, Pic15, Pic16



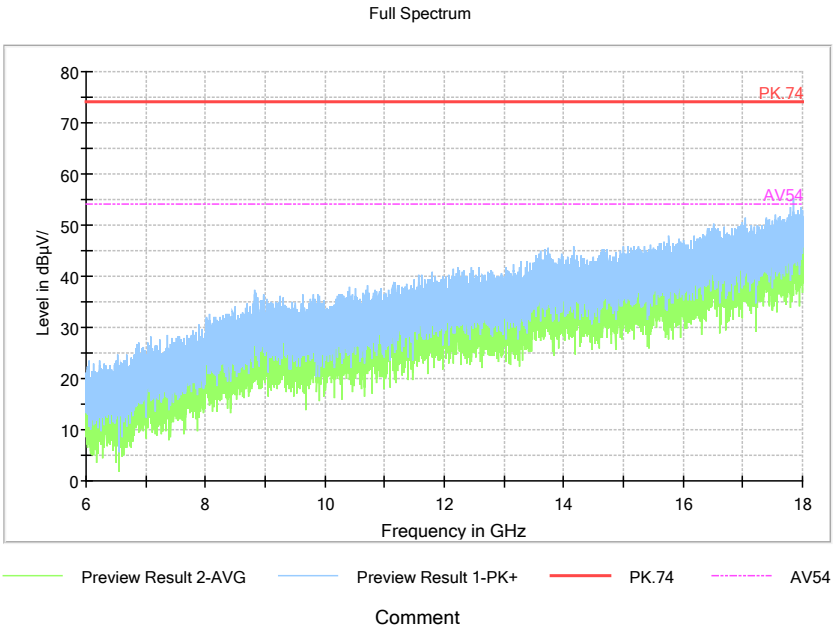
Pic14. Radiated emission(30MHz – 1GHz)

Note: The test data in the graph includes two polarizations: horizontal and vertical



Pic15. Radiated emission (1GHz –6GHz)

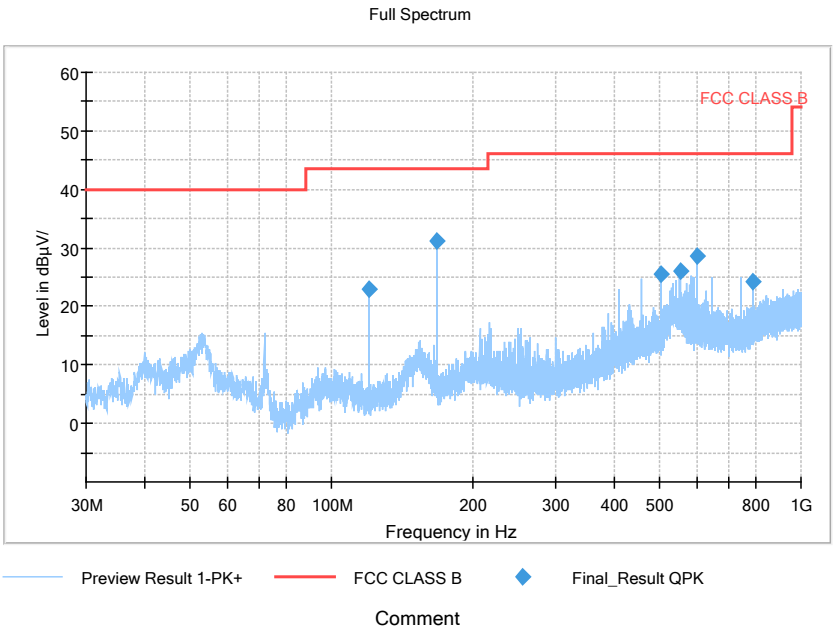
Note: The test data in the graph includes two polarizations: horizontal and vertical.



Pic16. Radiated emission (6GHz –18GHz)

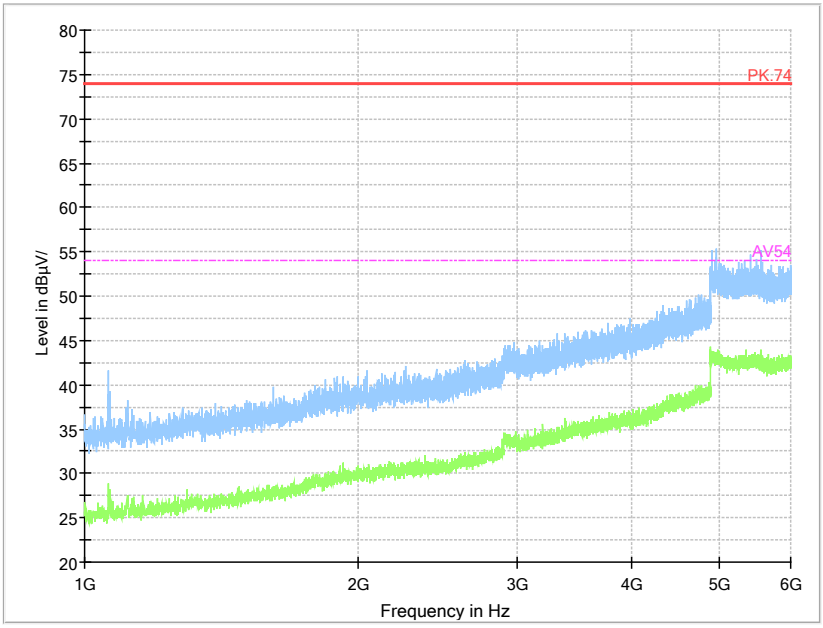
Note: The test data in the graph includes two polarizations: horizontal and vertical.

EUT + 3#AE: USB Cable2+7# AE: Headset2+9# AE: Battery2+1# AE: Laptop: refer to Pic17, Pic18, Pic19



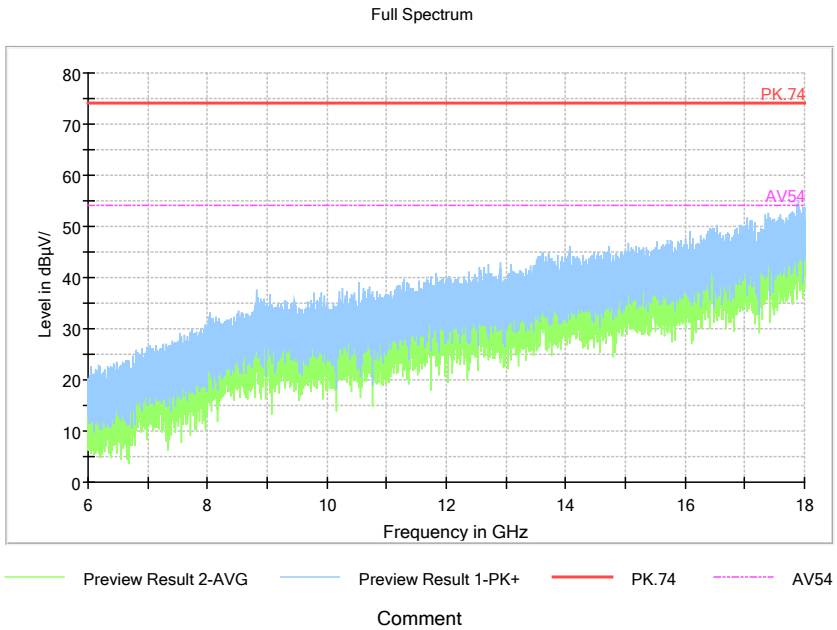
Pic17. Radiated emission(30MHz – 1GHz)

Note: The test data in the graph includes two polarizations: horizontal and vertical



Pic18. Radiated emission (1GHz –6GHz)

Note: The test data in the graph includes two polarizations: horizontal and vertical



Pic19. Radiated emission (6GHz –18GHz)

Note: The test data in the graph includes two polarizations: horizontal and vertical

2.3. List of test equipments

No.	Name/Model	Manufacturer	S/N	Calibration Due Date	Calibration Date
1	23.18m×16.88m×9.60mSemi-AnechoicChamber	FRANKONIA	-----	5th Sep. 2021	6th Sep. 2016
2	ESW EMI test receiver	R&S	101574	20th Aug. 2021	20th Aug. 2020
3	9.080m×5.255m×3.525m Shielding room	FRANKONIA	-----	5th Sep. 2021	6th Sep. 2016
4	ESR3 EMI test receiver	R&S	102361	21th Apr. 2021	20th Apr. 2020
5	VULB 9163 Ultra log test antenna	schwarzbeck	867	25th Mar. 2021	25th Mar. 2020
6	ENV216 AMN	R&S	3560.6550.12	20th Aug. 2021	20th Aug. 2020
7	HF 907 Double-Ridged Waveguide Horn Antenna	R&S	100512	25th Mar. 2021	25th Mar. 2020
8	PS2000 Turn Table	FRANKONIA	-----	-----	-----
9	MA260 Antenna Master	FRANKONIA	-----	-----	-----
10	EMC32EMI test software Version 10.20.01	R&S	-----	-----	-----

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