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# TEST REPORT

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Report No.: SRTC2022-9003(F)-0015  
Product Name: LTE/WCDMA/GSM(GPRS) Multi-Mode Digital  
Mobile Phone  
Model Name: Z2335CC  
Applicant: ZTE Corporation.  
Manufacturer: ZTE Corporation.  
Specification: FCC Part15B (Certification)  
(2021 edition)  
FCC ID: SRQ-Z2335CC

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

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## 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: ZTECorporation.  
Address: ZTE Plaza, Keji Road South, Hi-Tech, Industrial Park, Nanshan District,Shenzhen, Guangdong,P.R.China  
City: Shenzhen  
Country or Region: P.R.China  
Contacted person: Gong Yu  
Tel: + 86- 021-68895397  
Email: gongyu@zte.com.cn

### 1.4 Manufacturer's details

Company: ZTECorporation.  
Address: ZTE Plaza, Keji Road South, Hi-Tech, Industrial Park, Nanshan District,Shenzhen, Guangdong,P.R.China  
City: Shenzhen  
Country or Region: P.R.China  
Contacted person: Gong Yu  
Tel: + 86- 021-68895397  
Email: gongyu@zte.com.cn

## 1.5 Application details

Date of reception of test sample: 14<sup>th</sup> March 2022

Date of test: 14<sup>th</sup> March 2022 to 17<sup>th</sup> March 2022

## 1.6 Reference specification

FCC Part 15B, 2021 (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	Z2335CC
Marketing Name	Consumer Cellular Link2
FCC ID	SRQ-Z2335CC
Frequency Range	GSM: GSM850 / PCS1900 WCDMA: FDD II / FDD IV / FDD V LTE: FDD 2/ FDD 4/ FDD 5/ FDD 12/ FDD 25/ FDD 66/ FDD 71/TDD 41 Bluetooth: 2.4~2.4835GHz
Equipment Class	Class B
Power Supply	Battery or Charger
Extreme Temperature	Lowest: -10°C Highest: +55°C
HW Version	Z2335CCHW1.0
SW Version	Z2335CCV1.0.0B01

### 1.7.2EUT details

Product Name	Model Name	IMEI
LTE/WCDMA/GSM(GPRS) Multi-Mode Digital Mobile Phone	Z2335CC	1#:862674040003054 2#:862674048698491

Notes: The new chip component is pin to pin compatible(approximately the same are as chip of PCB) and no change in radio parameters has occurred, and has the same basic function as the QM-215-3-AB, Baseline version release notes as following.

Release notes:

	Patent Chip	Variant Chip
Model	QM-215-3-AB	QM-215-0-AA
Product	QM215	QM215
Hardware changes	No Changes	
Software changes 1	5-mode cat4	4-mode cat4(delete the CDMA mode)
Software changes 2	Cortex-A53 1.3GHz	Cortex-A53 1.2GHz
Software changes 3	672MHz DDR	600MHz DDR
Software changes 4	HD+ 1440*720 display	qHD 960*540 display

### 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 YU hong xing Development of science and technology Co., Ltd.
Model Number	USB-MU5-W-100-M

AE (Auxiliary Equipment) 3#: USB Cable2

Manufacturer	King Power Electronics Co., Ltd.
Model Number	USB-MU5-W-100-M

AE (Auxiliary Equipment) 4#: Battery1

Type	Li-Lon
Manufacturer	Jiada Energy Technolog Co.,Ltd
Model Number	Li3816T43P4h604550
Capacity	/
Nominal Voltage	/

AE (Auxiliary Equipment) 5#: Battery2

Type	Li-Lon
Manufacturer	Shanghai BYD Company Ltd.
Model Number	Li3816T43P4h604550
Capacity	/
Nominal Voltage	/

AE (Auxiliary Equipment) 6#: Charger1

Manufacturer	Jiangxi Jian Aohai Technology Co.,Ltd
Model Number	STC-A51D-Z
S/N	/
Input Voltage	100V-240V AC
Output Voltage	5VDC 1000mA

AE (Auxiliary Equipment) 7#: Charger2

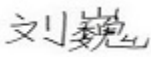
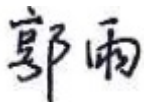
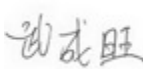
Manufacturer	Shenzhen Ruijing Industrial Co.,Ltd
Model Number	STC-A51D-Z
S/N	/
Input Voltage	100V-240V AC
Output Voltage	5VDC 1000mA

Note1: The original results derive from Report No.: SRTC2020-9003(F)-0024.  
According to the results of the original report, the combination of 7# Charger2, 5# Battery2, 3# USB Cable2 is selected as the worst mode for the test to be carried out. Record the results in the test report.

## 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: Mr. LiuWei Director of the test department 	Checked By: Mr. Guo Yu Vice director of the test department 
Tested By: Mr. Wu Chengwang 	Issued date:  2022.03.17

## 2.2 Test result

### 2.2.1 Conducted Emissions-FCC Part15.107

Ambient condition:

Temperature	Relative humidity	Pressure
22.6°C	40.1%	100.8kPa

Test Setup with laptop:

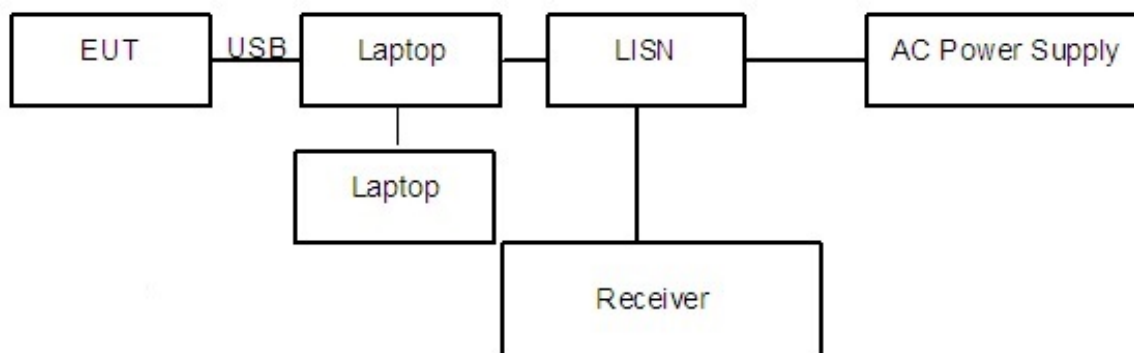


Figure 1

Test Procedure:

The EUT is placed on a non-metallic table 0.8m above the horizontal metal reference ground plane. The 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:

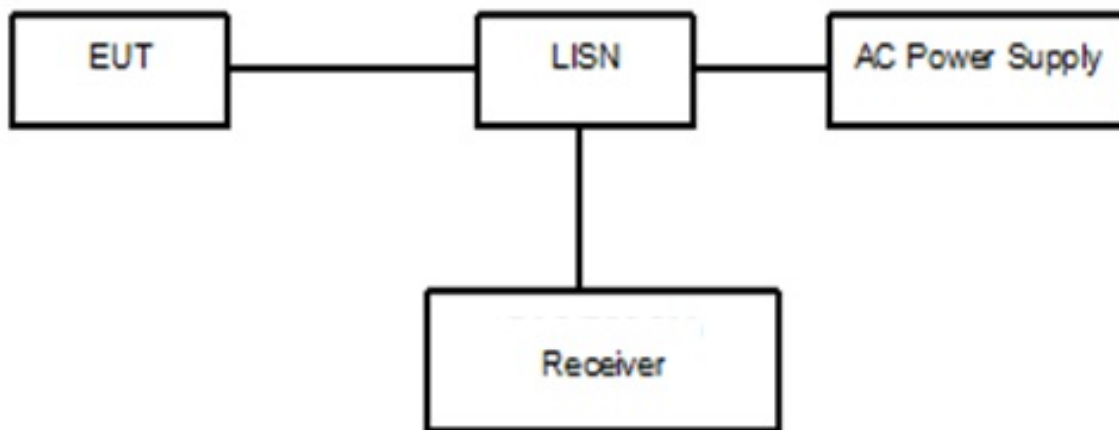


Figure 2

Test Procedure:

The EUT is placed on a non-metallic 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. Open the following functions of EUT: FM, GPS, Camera 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  $L_{\text{cable}} + \text{ATT} + \text{VDF}$  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:

$$P_{\text{result}} = P_{\text{mea}} + \text{Corr. (dB)}$$

Sample calculation:  $(28.78 \text{ dB}\mu\text{V}) = (-0.92 \text{ dB}\mu\text{V}) + (29.7 \text{ dB})$ , the corresponding frequency is 0.422914MHz.

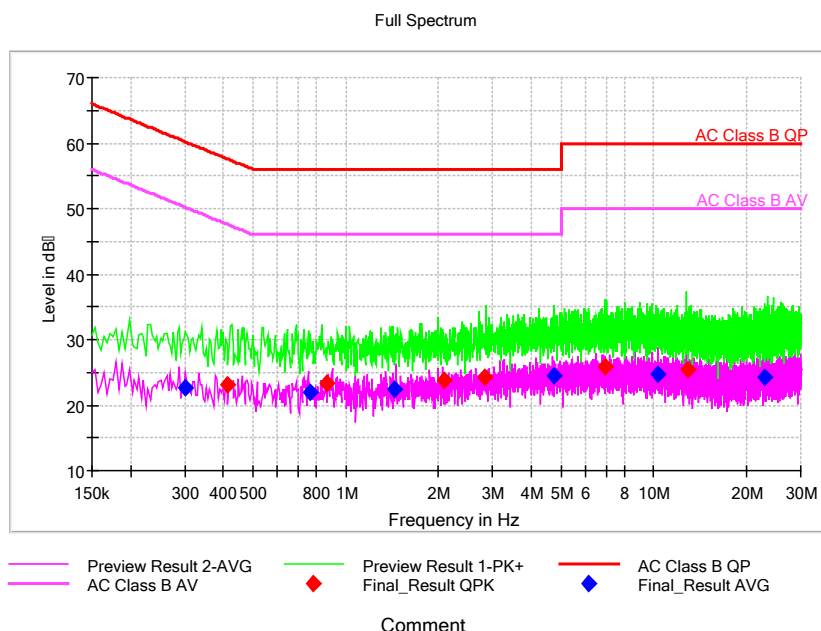
Limit:

Frequency of Emission(MHz)	Limits(dB $\mu$ V)	
	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:

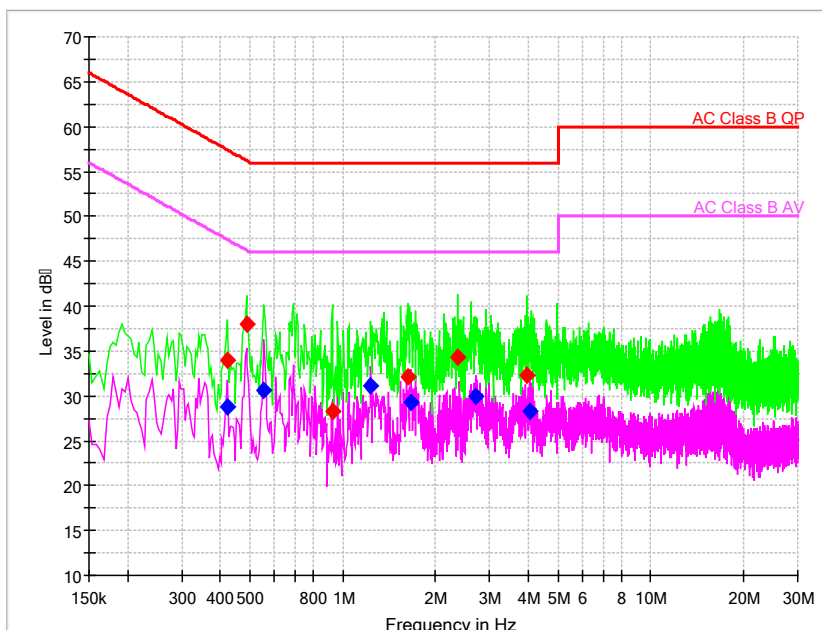
Noise Level of the Measuring Instrument



Pic1. Conducted emission L and N Line

Note: The results above derive from Report No.: SRTC2020-9003(F)-0024

EUT + 2#USB Cable1+4#Battery1+6#Charger1:

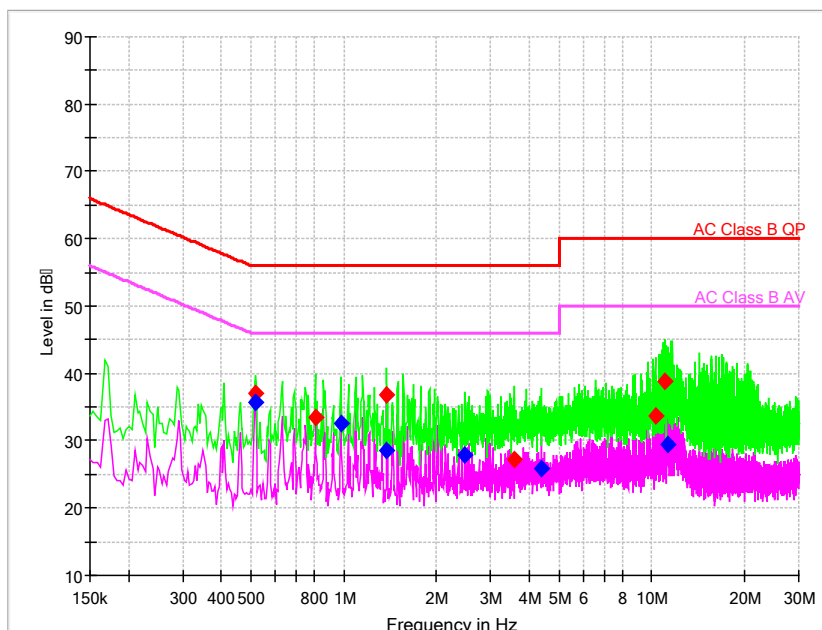


Pic2. Conducted emission L&N Line

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	Pmea QuasiPeak (dBμV)	Pmea Average (dBμV)
0.422914	---	28.78	47.39	18.61	L1	29.7	---	-0.92
0.422914	34.02	---	57.39	23.37	L1	29.7	4.32	---
0.486879	37.95	---	56.22	18.27	L1	29.7	8.25	---
0.555107	---	30.60	46.00	15.40	L1	29.7	---	0.9
0.926100	28.30	---	56.00	27.70	L1	29.7	-1.4	---
1.233129	---	31.13	46.00	14.87	L1	29.7	---	1.43
1.621179	32.19	---	56.00	23.81	L1	29.7	2.49	---
1.668086	---	29.31	46.00	16.69	N	29.7	---	-0.39
2.358900	34.24	---	56.00	21.76	L1	29.8	4.44	---
2.704307	---	29.90	46.00	16.10	L1	29.8	---	0.1
3.970800	32.36	---	56.00	23.64	L1	29.8	2.56	---
4.047557	---	28.21	46.00	17.79	L1	29.8	---	-1.59

Note: The results above derive from Report No.: SRTC2020-9003(F)-0024

EUT + 3#USB Cable2+5#Battery2+7#Charger2:

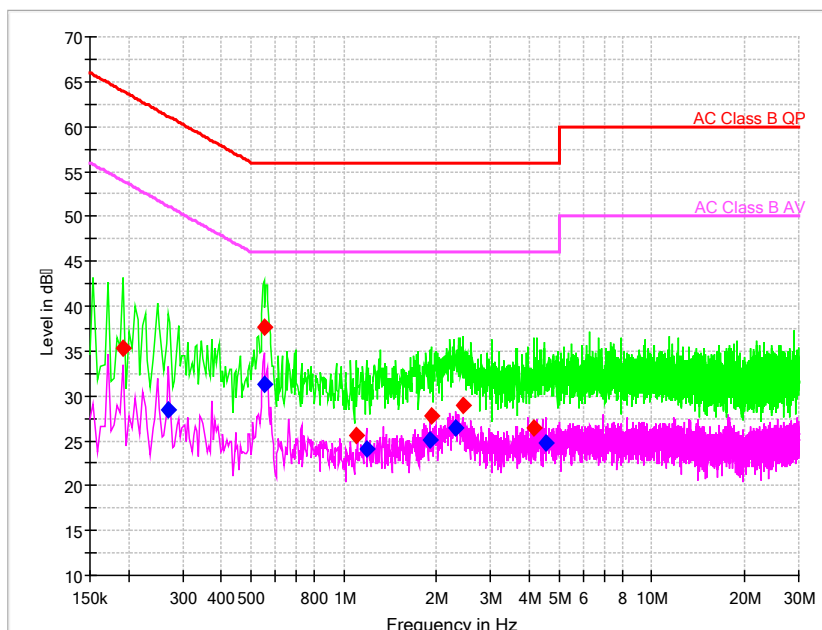


Pic3. Conducted emission L&N Line

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	Pmea QuasiPeak (dBμV)	Pmea Average (dBμV)
0.516729	---	35.65	46.00	10.35	L1	29.7	---	5.95
0.516729	37.10	---	56.00	18.90	L1	29.7	7.4	---
0.806700	33.52	---	56.00	22.48	N	29.7	3.82	---
0.977271	---	32.68	46.00	13.32	L1	29.7	---	2.98
1.378114	36.79	---	56.00	19.21	L1	29.7	7.09	---
1.378114	---	28.47	46.00	17.53	L1	29.7	---	-1.23
2.482564	---	27.83	46.00	18.17	L1	29.8	---	-1.97
3.591279	27.26	---	56.00	28.74	N	29.8	-2.54	---
4.392964	---	25.89	46.00	20.11	L1	29.8	---	-3.91
10.247829	33.61	---	60.00	26.39	L1	29.9	3.71	---
11.045250	38.91	---	60.00	21.09	L1	29.9	9.01	---
11.224350	---	29.53	50.00	20.47	L1	29.9	---	-0.37

Note: The results above derive from Report No.: SRTC2020-9003(F)-0024

EUT + 2#USB Cable1+4#Battery1 +Laptop:

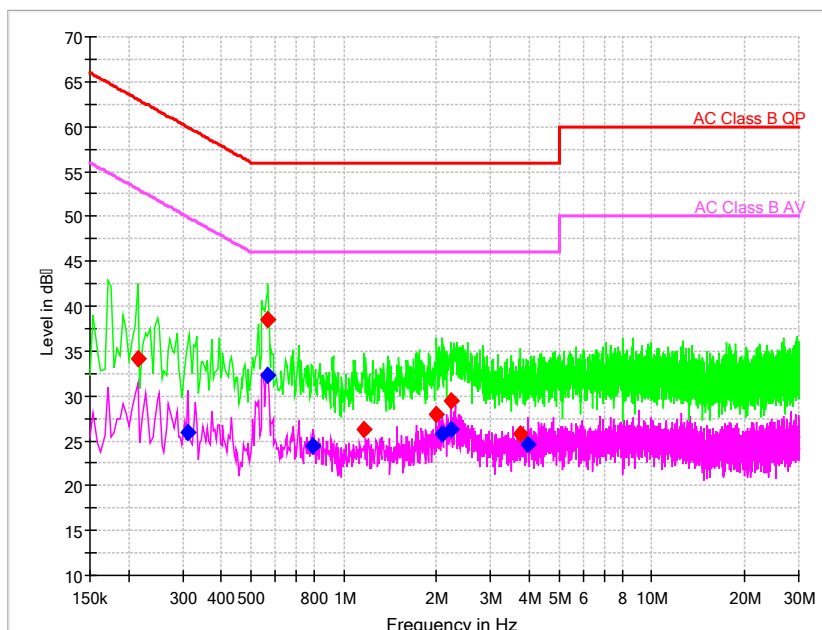


Pic4. Conducted emission L&N Line

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	Pmea QuasiPeak (dBμV)	Pmea Average (dBμV)
0.192643	35.25	---	63.92	28.67	L1	29.7	5.55	---
0.269400	---	28.36	51.14	22.77	L1	29.7	---	-1.34
0.550843	---	31.30	46.00	14.70	L1	29.7	---	1.6
0.550843	37.66	---	56.00	18.34	L1	29.7	7.96	---
1.096671	25.61	---	56.00	30.39	L1	29.7	-4.09	---
1.186221	---	24.01	46.00	21.99	L1	29.7	---	-5.69
1.902621	---	25.14	46.00	20.86	L1	29.7	---	-4.56
1.919679	27.70	---	56.00	28.30	L1	29.7	-2	---
2.307729	---	26.34	46.00	19.66	L1	29.8	---	-3.46
2.435657	29.00	---	56.00	27.00	L1	29.8	-0.8	---
4.124314	26.45	---	56.00	29.55	L1	29.8	-3.35	---
4.529421	---	24.68	46.00	21.32	L1	29.8	---	-5.12

Note: The results above derive from Report No.: SRTC2020-9003(F)-0024

EUT + 3#USB Cable2+5#Battery2 +Laptop:

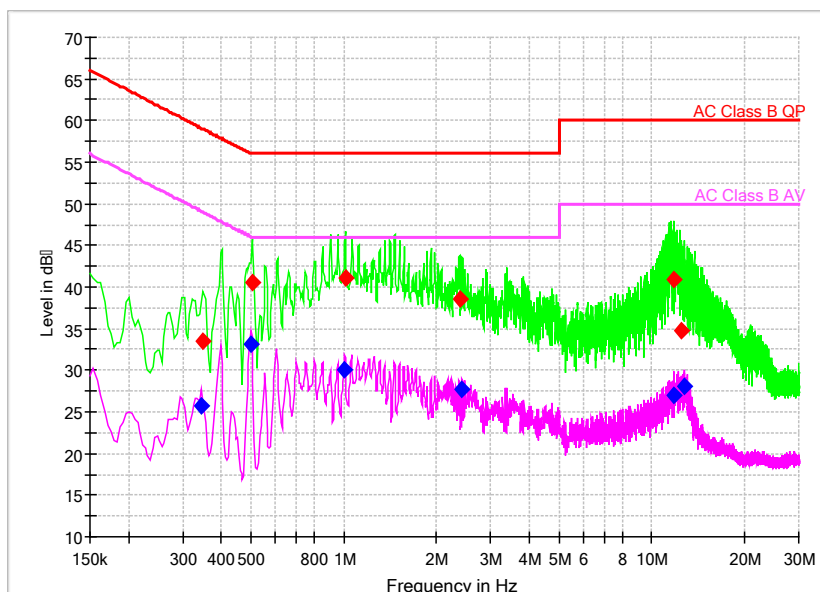


Pic5. Conducted emission L&N Line

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	Pmea QuasiPeak (dBμV)	Pmea Average (dBμV)
0.213964	34.17	---	63.05	28.88	L1	29.7	4.47	---
0.312043	---	26.00	49.92	23.92	L1	29.7	---	-3.7
0.567900	---	32.21	46.00	13.79	L1	29.7	---	2.51
0.567900	38.57	---	56.00	17.43	L1	29.7	8.87	---
0.793907	---	24.36	46.00	21.64	L1	29.7	---	-5.34
1.164900	26.27	---	56.00	29.73	L1	29.7	-3.43	---
2.004964	27.99	---	56.00	28.01	L1	29.7	-1.71	---
2.081721	---	25.69	46.00	20.31	L1	29.8	---	-4.11
2.226707	29.52	---	56.00	26.48	L1	29.8	-0.28	---
2.226707	---	26.31	46.00	19.69	L1	29.8	---	-3.49
3.749057	25.74	---	56.00	30.26	L1	29.8	-4.06	---
3.975064	---	24.51	46.00	21.49	L1	29.8	---	-5.29

Note: The results above derive from Report No.: SRTC2020-9003(F)-0024

2#EUT + 3#USB Cable2+5#Battery2+7#Charger2:



Comment

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)
0.346157	---	25.78	49.05	23.27	N	29.6	---	5.95
0.350421	33.49	---	58.95	25.46	L1	29.6	-13.83	---
0.499671	---	33.05	46.01	12.95	L1	29.6	---	---
0.503936	40.58	---	56.00	15.42	N	29.6	-13.78	2.98
1.007121	---	30.00	46.00	16.00	N	29.7	-4.8	---
1.011386	41.15	---	56.00	14.85	N	29.7	---	-1.23
2.375957	38.57	---	56.00	17.43	N	29.7	-1.9	-1.97
2.427129	---	27.63	46.00	18.37	L1	29.7	---	---
11.795764	40.87	---	60.00	19.13	L1	29.8	---	-3.91
11.804293	---	26.97	50.00	23.03	L1	29.8	-1.58	---
12.439671	34.77	---	60.00	25.23	N	29.8	-1.64	---
12.768021	---	27.98	50.00	22.02	L1	29.8	---	-0.37

## 2.2.2 Radiated Emissions-FCC Part15.109

Ambient condition:

Temperature	Relative humidity	Pressure
22.6°C	40.1%	100.8kPa

Test Setup:

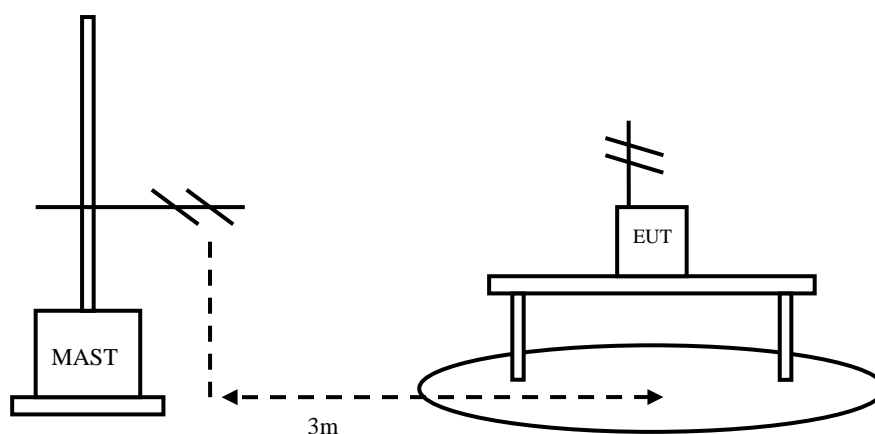


Figure 3

Test Procedure:

EUT+Laptop:

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 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. Open the following functions of EUT: FM,GPS, Camera 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 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. 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:

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

**Limit:**

Frequency of Emission(MHz)	Limits	
	Detector	Unit (dB $\mu$ V/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	54
	Peak	74

**Test result:**

Sample calculation: (28.53 dB  $\mu$  V/m) = (43.50 dB  $\mu$  V/m) + (-20.8 dB), the corresponding frequency is 168.002500MHz.

EUT + 2#USB Cable1+4#Battery1 +Laptop:

Frequency(MHz)	Result( dB $\mu$ V/m )	Limit (dB $\mu$ V/m)	ARpl (dB)	Pmea ( dB $\mu$ V/m )	Polarity
168.002500	28.53	43.50	-20.8	49.33	V
456.004000	31.04	46.00	-10.4	41.44	V
504.010500	29.95	46.00	-9.2	39.15	V
600.000500	30.38	46.00	-6.6	36.98	V
648.007000	26.54	46.00	-6.0	32.54	V
743.997000	28.66	46.00	-4.5	33.16	V

EUT + 3#USB Cable2+5#Battery2 +Laptop:

Frequency(MHz)	Result( dB $\mu$ V/m )	Limit (dB $\mu$ V/m)	ARpl (dB)	Pmea ( dB $\mu$ V/m )	Polarity
168.002500	28.52	43.50	-20.8	49.32	V
456.004000	30.61	46.00	-10.4	41.01	V
504.010500	29.75	46.00	-9.2	38.95	V
599.992000	30.23	46.00	-6.6	36.83	V
648.007000	26.43	46.00	-6.0	32.43	V
743.997000	28.75	46.00	-4.5	33.25	V

EUT + 2#USB Cable1+4#Battery1 +6#Charger1:

Frequency(MHz)	Result( dB $\mu$ V/m )	Limit (dB $\mu$ V/m)	ARpl (dB)	Pmea ( dB $\mu$ V/m )	Polarity
193.077000	23.27	43.50	-18.9	42.17	V
193.305000	23.10	43.50	-18.9	42	V
193.410500	22.88	43.50	-18.9	41.78	V
194.158500	22.90	43.50	-18.8	41.7	V
194.597500	22.78	43.50	-18.8	41.58	V
194.600000	22.49	43.50	-18.8	41.29	V

EUT + 3#USB Cable2+5#Battery2 +7#Charger2:

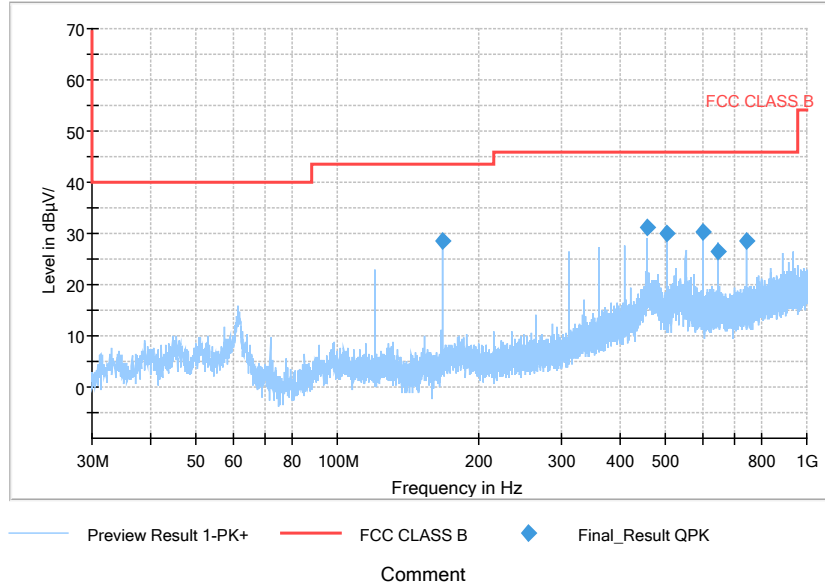
Frequency(MHz)	Result( dB $\mu$ V/m )	Limit (dB $\mu$ V/m)	ARpl (dB)	Pmea ( dB $\mu$ V/m )	Polarity
70.663000	31.49	40.00	-21.8	53.29	V
70.705500	31.53	40.00	-21.8	53.33	V
70.731000	31.54	40.00	-21.8	53.34	V
70.768500	31.55	40.00	-21.8	53.35	V
70.828000	31.45	40.00	-21.8	53.25	V
71.816000	31.36	40.00	-22.0	53.36	V

2#EUT + 3#USB Cable2+5#Battery2 +7#Charger2:

Frequency(MHz)	Result( dB $\mu$ V/m )	Limit (dB $\mu$ V/m)	ARpl (dB)	Pmea ( dB $\mu$ V/m )	Polarity
44.404500	24.61	40.00	-18.0	42.61	V
74.474500	27.49	40.00	-23.2	50.69	V
97.221000	31.22	43.50	-19.7	50.92	V
154.063000	21.22	43.50	-22.5	43.72	V
204.212000	21.75	43.50	-19.0	40.75	V
932.100000	15.70	46.00	-2.9	18.60	V

EUT + 2#USB Cable1+4#Battery1 +Laptop: refer to Pic7, Pic8, Pic9

Full Spectrum

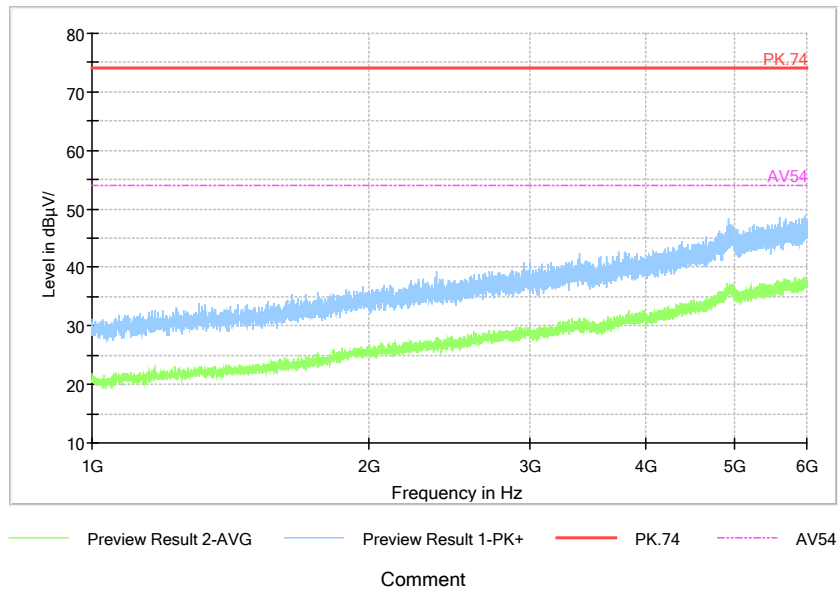


Pic7. Radiated emission(30MHz – 1GHz)

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

Note: The results above derive from Report No.: SRTC2020-9003(F)-0024

Full Spectrum

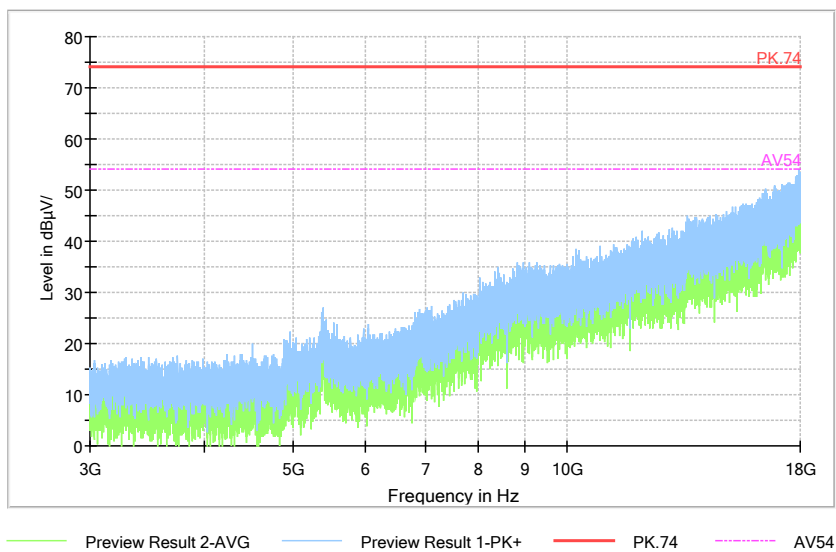


Pic8. Radiated emission (1GHz –6GHz)

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

Note: The results above derive from Report No.: SRTC2020-9003(F)-0024

Full Spectrum



Comment

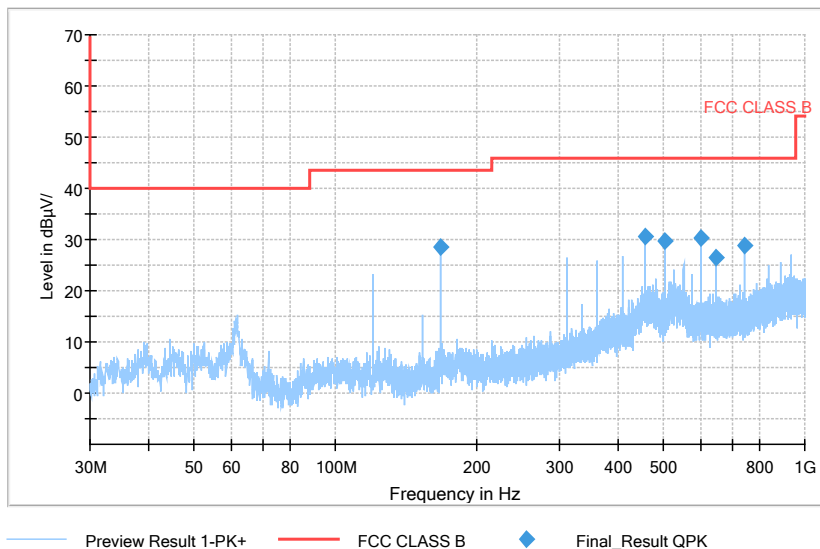
**Pic9. Radiated emission (6GHz –18GHz)**

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

Note: The results above derive from Report No.: SRTC2020-9003(F)-0024

EUT + 3#USB Cable2+5#Battery2 +Laptop: refer to Pic10, Pic11, Pic12

Full Spectrum



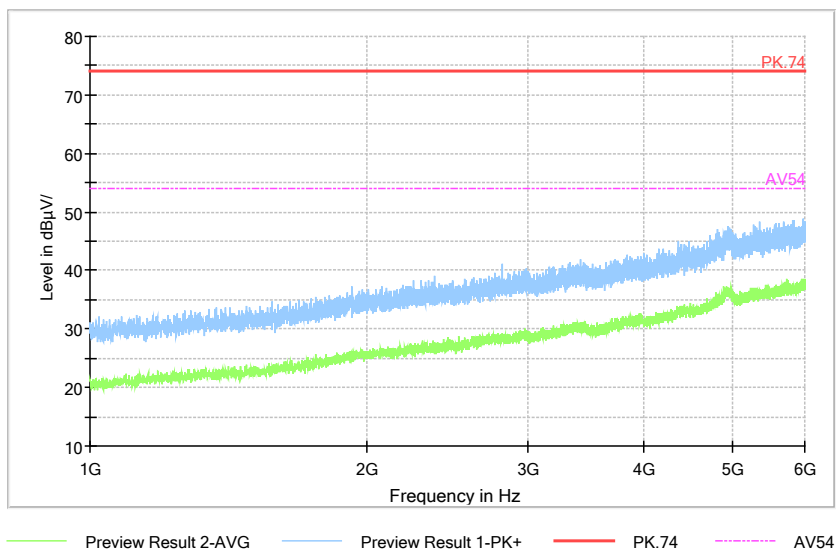
Comment

**Pic10. Radiated emission(30MHz – 1GHz)**

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

Note: The results above derive from Report No.: SRTC2020-9003(F)-0024

Full Spectrum



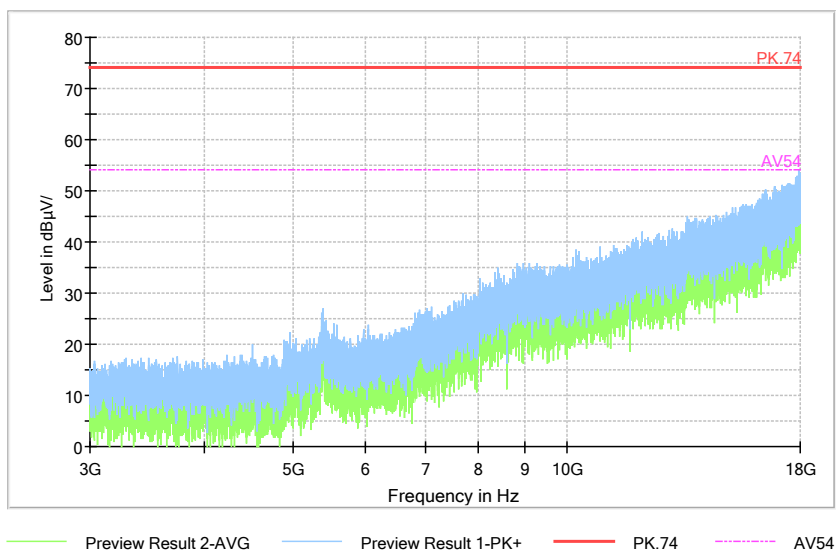
Comment

Pic11. Radiated emission (1GHz –6GHz)

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

Note: The results above derive from Report No.: SRTC2020-9003(F)-0024

Full Spectrum



Comment

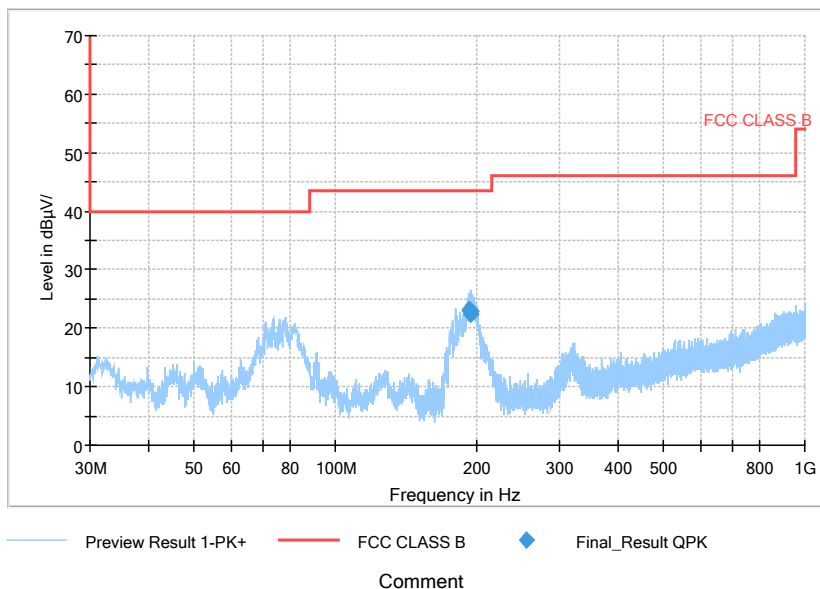
Pic12. Radiated emission (6GHz –18GHz)

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

Note: The results above derive from Report No.: SRTC2020-9003(F)-0024

EUT + 2#USB Cable1+4#Battery1 +6#Charger1: refer to Pic13, Pic14, Pic15

Full Spectrum

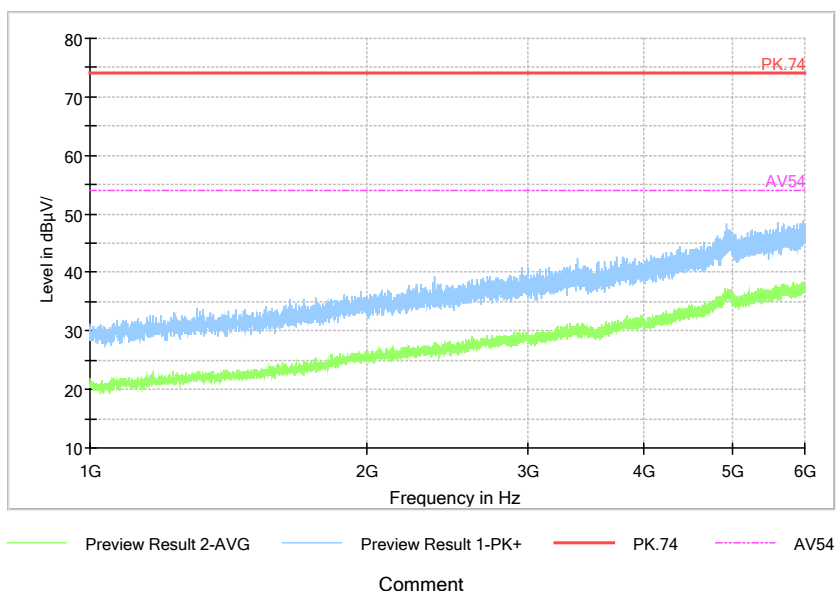


Pic13. Radiated emission (30MHz – 1GHz)

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

Note: The results above derive from Report No.: SRTC2020-9003(F)-0024

Full Spectrum

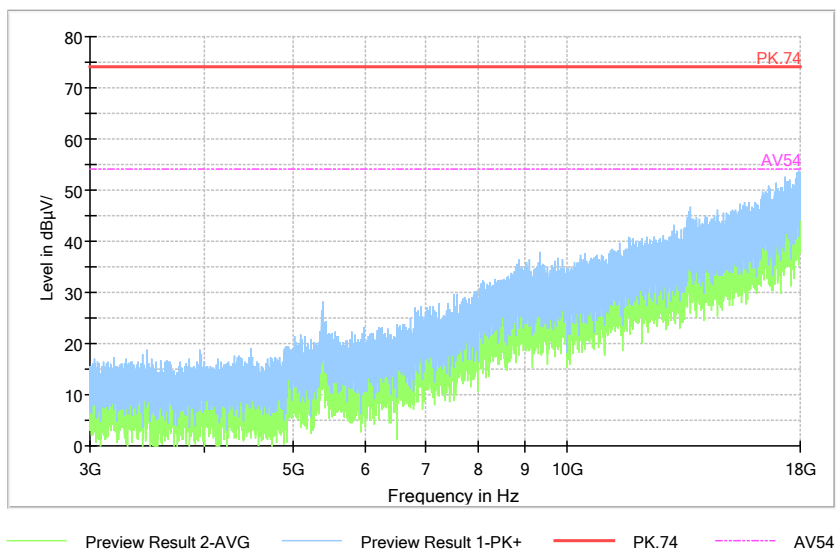


Pic14. Radiated emission (1GHz –6GHz)

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

Note: The results above derive from Report No.: SRTC2020-9003(F)-0024

Full Spectrum



Comment

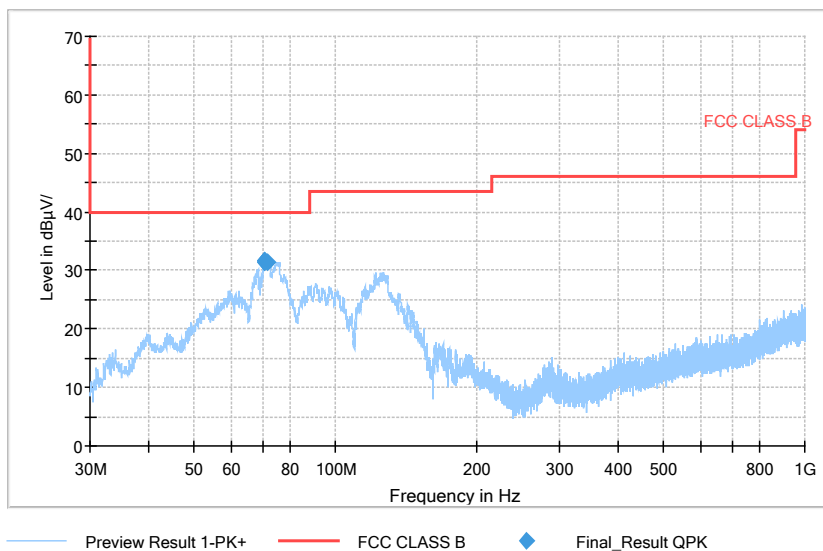
**Pic15. Radiated emission (6GHz –18GHz)**

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

Note: The results above derive from Report No.: SRTC2020-9003(F)-0024

EUT + 3#USB Cable2+5#Battery2 +7#Charger2: refer to Pic16, Pic17, Pic18

Full Spectrum



Comment

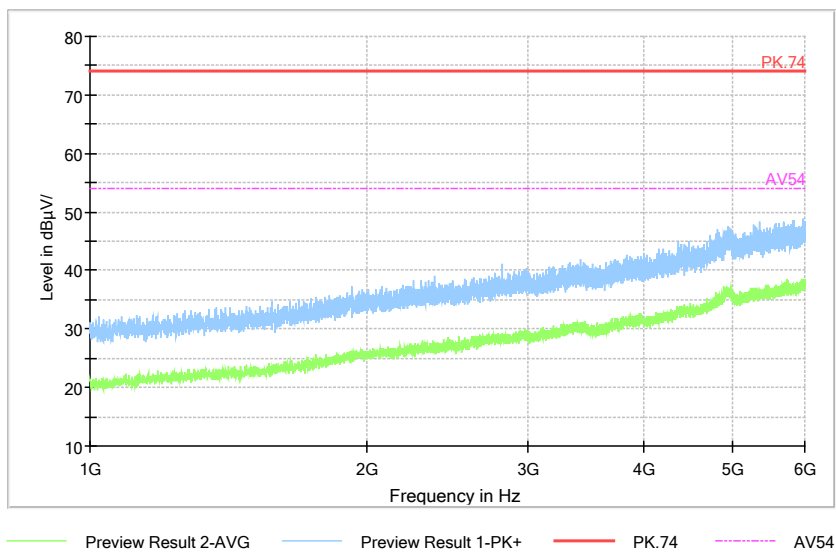
**Pic16. Radiated emission(30MHz – 1GHz)**

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

Note: The results above derive from Report No.: SRTC2020-9003(F)-0024



Full Spectrum



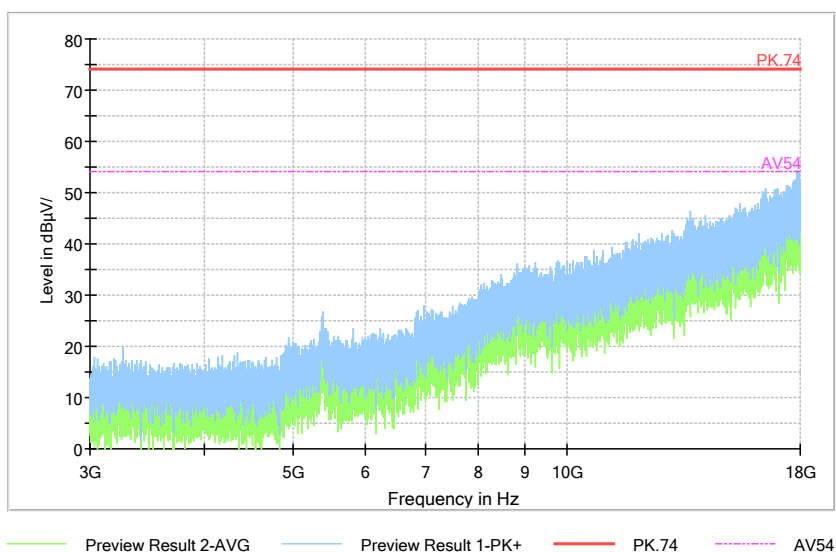
Comment

Pic17. Radiated emission (1GHz –6GHz)

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

Note: The results above derive from Report No.: SRTC2020-9003(F)-0024

Full Spectrum



Comment

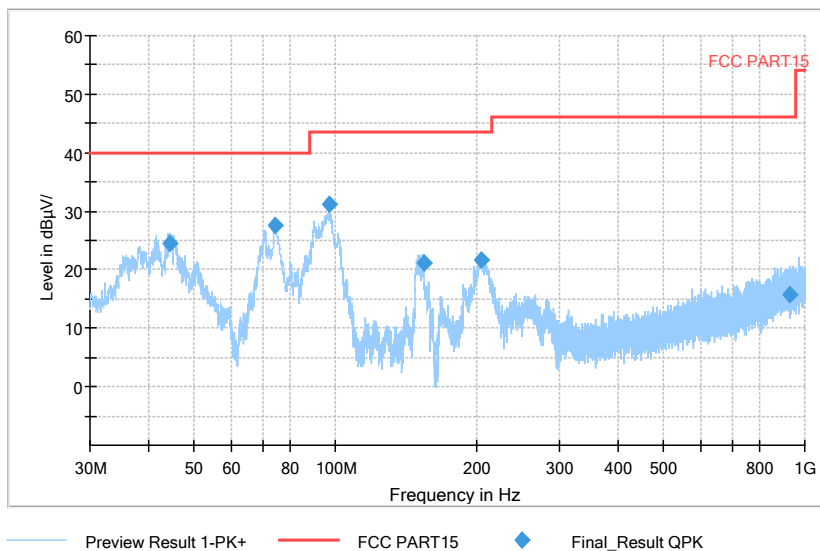
Pic18. Radiated emission (6GHz –18GHz)

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

Note: The results above derive from Report No.: SRTC2020-9003(F)-0024

2#EUT + 3#USB Cable2+5#Battery2 +7#Charger2: refer to Pic19, Pic20, Pic21

Full Spectrum

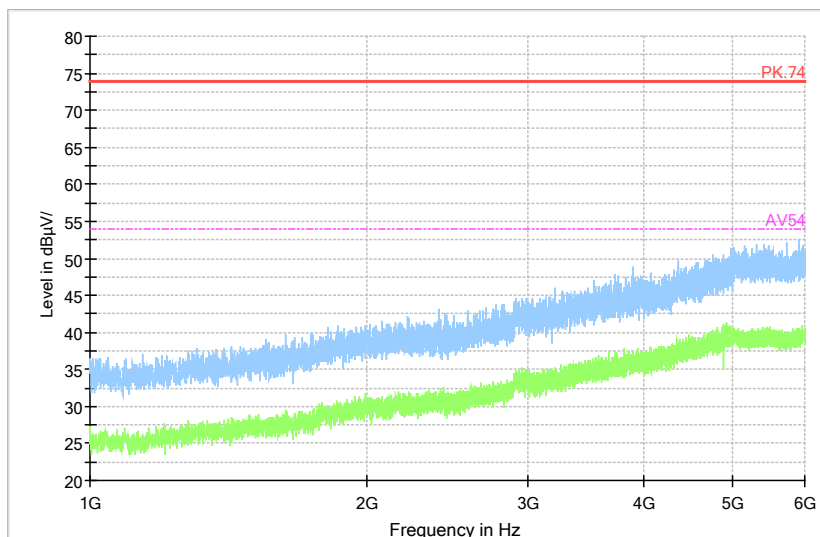


Comment

Pic19. Radiated emission(30MHz – 1GHz)

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

Full Spectrum

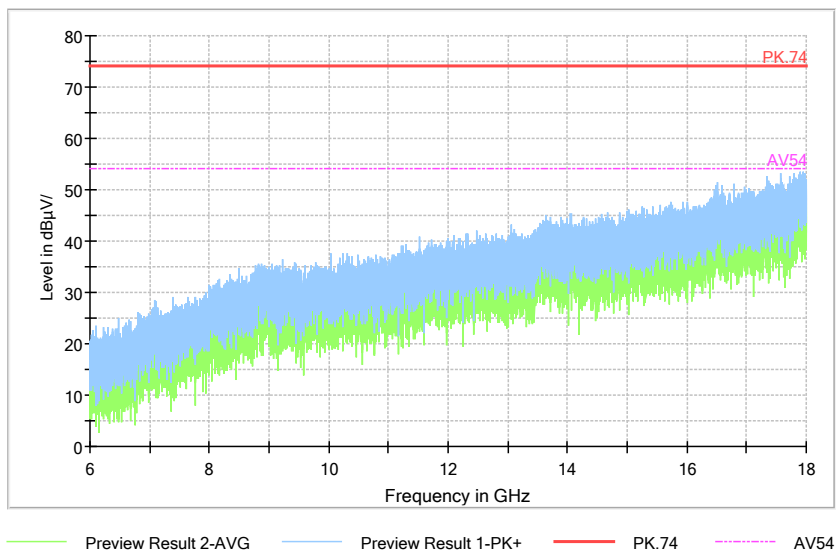


Comment

Pic20. Radiated emission (1GHz –6GHz)

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

Full Spectrum



Comment

**Pic21. 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×9.60mS emi-AnechoicChamber	FRANKONIA	-----	2023.09.05	2018.09.06
2	ESW EMI test receiver	R&S	101574	2022.06.19	2021.06.20
3	ESR3 EMI test receiver	R&S	102361	2022.04.11	2021.04.12
4	9.080m×5.255m×3.525m Shielding room	FRANKONIA	-----	2023.09.05	2018.09.06
5	VULB 9163 Ultra log test antenna	schwarzbeck	867	2023.05.28	2021.05.29
6	HF 907 Double-Ridged Waveguide Horn Antenna	R&S	100512	2023.05.12	2021.05.13
7	SAS-574 Horn Antenna	schwarzbeck	535	2023.06.19	2021.06.20
8	ENV216 AMN	R&S	3560.6550. 12	2022.06.19	2021.06.20
9	EMC32EMI test software	R&S	-----	-----	-----

-----The End-----