The State Radio_monitoring_center Testing Center
国家无线电监测中心检测中心

Certificate Number: 5055.02

TEST REPORT

Report No.: SRTC2023-9003(F)-0055

Product Name: Smart Phone

Model Name: APYHRO00330

Applicant: Sharp Corporation

Manufacturer: Sharp Corporation

Specification: FCC Part15B (Certification)
(2023 edition)
ANSI C63.4-2014

FCC ID: APYHRO00330

The State Radio_monitoring_center Testing Center (SRTC)

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

Beijing, China

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1. General information

1.1 Notes of the test report

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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)
Test Site 1:	15th Building, No.30 Shixing Street, Shijingshan District
Test Site 2:	No.80, Zhaojiachang, Beizang, Daxing District
City:	Beijing
Country or Region:	P.R.China
Contacted person:	Liu Jia
Tel:	+86 10 57996183
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Designation Number:	CN1267
Registration number:	239125

1.3 Applicant's details

Company:	Sharp Corporation
Address:	1 Takumi-cho, Sakai-ku, Sakai City, Osaka 590-8522, Japan
City:	Osaka
Country or Region:	Japan
Contacted person:	Mr. Taihei Ohtsuka
Tel:	+81-50-5433-4157
Email:	---

1.4 Manufacturer's details

Company:	Sharp Corporation
Address:	1 Takumi-cho, Sakai-ku, Sakai City, Osaka 590-8522, Japan
City:	Osaka
Country or Region:	Japan
Contacted person:	Mr. Taihei Ohtsuka
Tel:	+81-50-5433-4157
Email:	---

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1.5 Application details

Date of reception of test sample: 5th Jan 2024
Date of test: 5th Jan to 26th Jan 2024

1.6 Reference specification

FCC Part 15B, 2023 (Certification)

1.7 Information of EUT

1.7.1 General information

Model Name	APYHRO00330
Frequency Range	GSM: GSM850 / PCS 1900 WCDMA: FDD II/ FDD V/ FDD IV LTE: FDD 2/ FDD 4/FDD 5/ FDD 7/FDD 12/ FDD 13/FDD 17/TDD 38/ TDD 41/ NFC:13.56MHz Bluetooth: 2.4~2.4835GHz WiFi: 2.4~2.4835GHz 5.15-5.25GHz 5.25-5.35GHz 5.47-5.725GHz 5.725-5.85GHz
Nominal Voltage	4V
Power Supply	Charger/Battery
Extreme Voltage	Minimum: 3.7V Maximum: 4V
HW Version	DVT(Remodeled to the equivalent of MP products)
SW Version	AB29E

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1.7.2 EUT details

No.	IMEI	HW Version	SW Version
EUT1	#1：004401231600293 #2：004401231610292	DVT(Remodeled to the equivalent of MP products)	AB29E
EUT2	#1：004401231601655 #2：004401231611654	DVT(Remodeled to the equivalent of MP products)	AB29E

Multi-vendor list:

/	DDR	
1st Source	1st	Samsung
		K3KL4L40DM-BGCT
2nd Source	2nd	Micron
		MT62F1536M64D8CL-026

Note1: The above is a description of the differences between EUT1 and EUT2. For EUT1,testing includes Conducted emissions and Radiated emissions；For EUT2，testing includes Radiated emissions(Data transmission mode) and Conducted emissions(Data transmission mode).

1.7.3 Auxiliary equipment details

AE (Auxiliary Equipment) 1#:Charger1

Manufacturer	DVE
Model Number	DSA-10PF06-05 FUS

AE (Auxiliary Equipment) 2#:Charger2

Manufacturer	ELECOM
Model Number	NY-PW0F3-05002400

AE (Auxiliary Equipment) 3#: Battery

Battery Type	Li-ion
Manufacturer	Murata Energy Device Wuxi Co., Ltd.
Model Number	UBATIA311AFN1
Capacity	4870mAh
Nominal Voltage	3.87V

AE (Auxiliary Equipment) 4#: Data Cable1

Manufacturer	Kingpower
Model Number	K201-05130-00

AE (Auxiliary Equipment) 5#: Data Cable2

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Manufacturer	ELECOM
Model Number	MPA-ACCX01BF

AE (Auxiliary Equipment) 6#: Headset

Manufacturer	Ambibio
Model Number	AB-HI02JS (RPHOEA007AFZZ)

AE (Auxiliary Equipment) 7#: Wireless Charging

Manufacturer	ELECOM
Model Number	W-QA02BK
Input Voltage	5V/2A
Output Voltage	---

AE (Auxiliary Equipment) 8#: Laptop 1

Manufacturer	LENOVO
Model Number	E480

AE (Auxiliary Equipment) 9#: Laptop 2

Manufacturer	LENOVO
Model Number	E14

Note1: AE8# Laptop 1 and AE9# Laptop 2 were selected by testing laboratory and were only cooperated with this test, not for sale.

Note2：As the information described, the relevant tests have been performed in order to verify in which mode would have the worst features, so all the tests shown in this test report are performed when the EUT exercised with AE1+AE3+AE4+AE6 and AE2+AE3+AE5+AE6 +AE7 mode.

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1.7.4 Test mode

Mode No.	Description of test mode
Mode 1	Rear camera on + GNSS RX + GSM/WCDMA/LTE/BT/WLAN receiver
Mode 2	Front camera on + GNSS RX + GSM/WCDMA/LTE/BT/WLAN receiver
Mode 3	USB copy(EUT with PC)
Mode 4	Mp4 + GNSS RX + GSM/WCDMA/LTE/BT/WLAN receiver
Mode 5	Mp3 + GNSS RX + GSM/WCDMA/LTE/BT/WLAN receiver

Note：As the information described, the relevant tests have been performed in order to verify in which mode would have the worst features ,so all the tests shown in this test report are performed when the EUT working on Mode 1 and Mode 3.

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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. Liu Wei Director of the test department 刘巍	Checked By Mr. Guo Yu Vice director of the test department 郭雨
Tested by: Mr. Wen Jianlong Test engineer 温建龙	Issued date: 2024.1.26

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2.2 Test result

2.2.1 Conducted Emissions-FCC Part15.107

Ambient condition:

Temperature	Relative humidity	Pressure
23.1°C	36.8%	100.9kPa

Test Setup with charger:

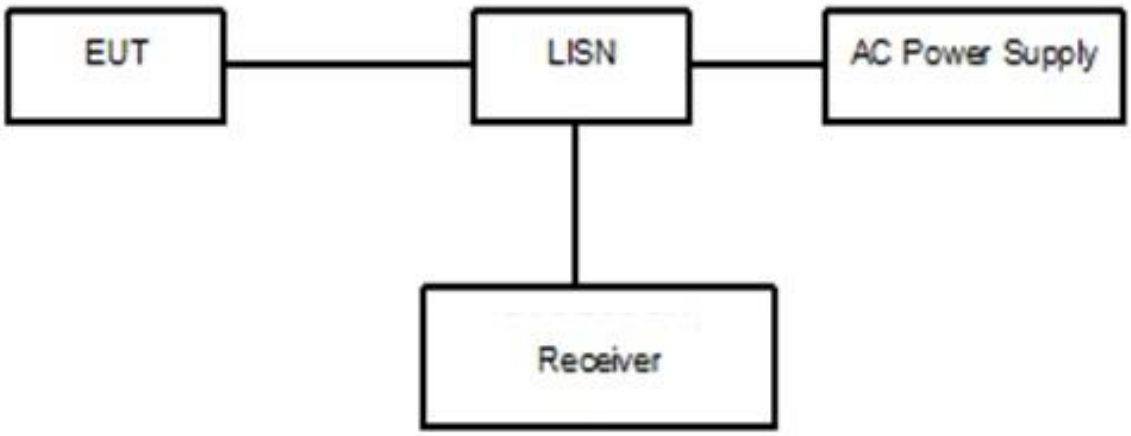

Figure 1

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: 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.

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Test Setup with laptop:

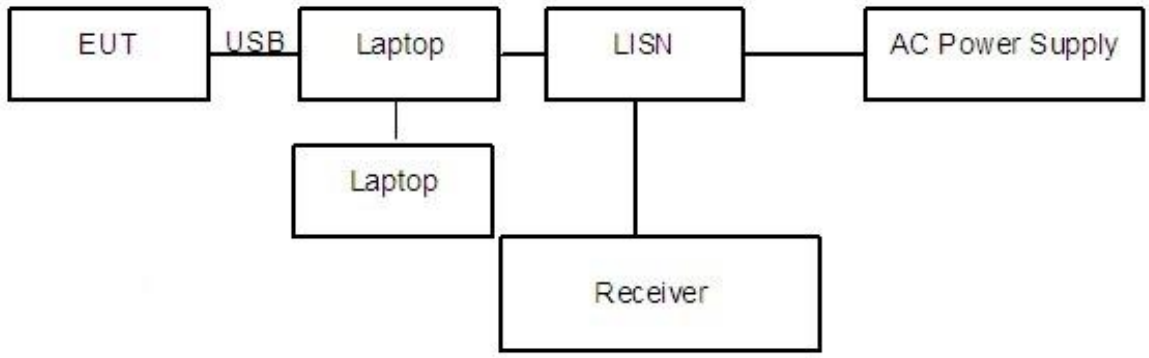

Figure 2

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. 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.

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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: (38.93dBμV) = (9.23dBμV) + (29.7 dB), the corresponding frequency is0.3291MHz.

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

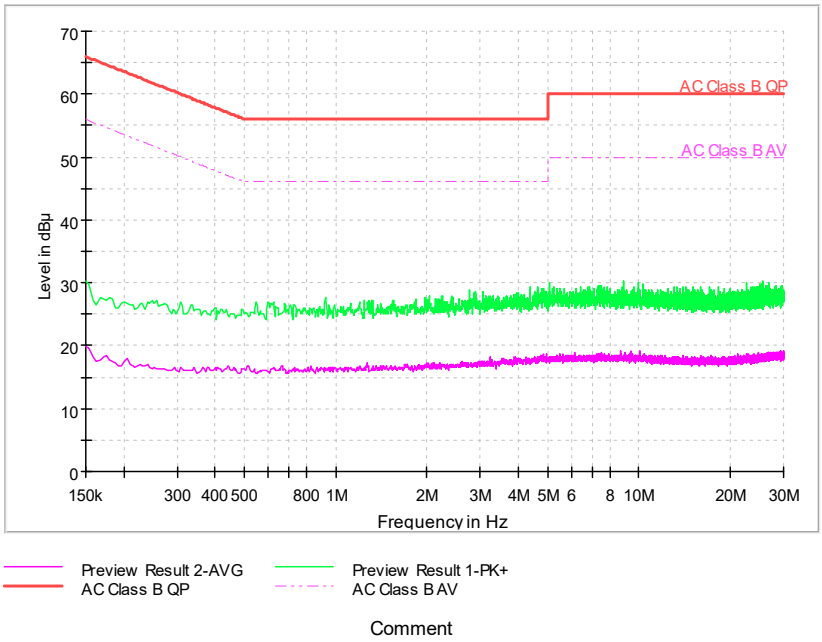
Uncertainty

Quasi-peak: 3.92dB

Average: 3.92dB

Test result:

Noise Level of the Measuring Instrument



Pic1.Conducted emission L and N Line

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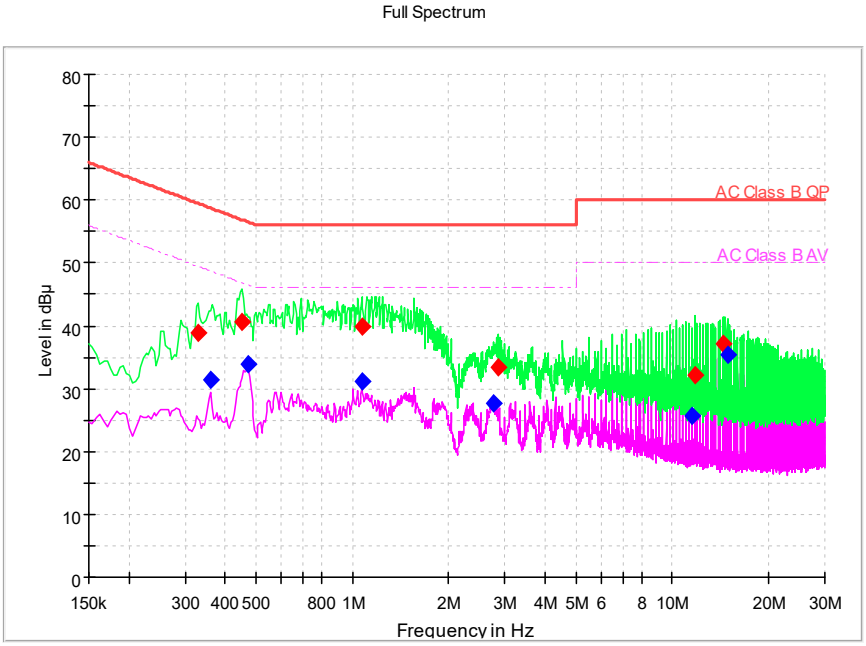
EUT1+4#Data Cable1+3#Battery+1#Charger1+6#Headset:



Pic2. Conducted emission L&N Line Voltage：120VAC

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P_{mea} QuasiPeak (dBµV)	P_{mea} Average (dBµV)
0.3291	38.93	---	59.47	20.54	N	29.7	9.23	---
0.35895	---	31.5	48.75	17.25	L1	29.8	---	1.7
0.45276	40.59	---	56.82	16.24	N	29.7	10.89	---
0.47409	---	34	46.44	12.44	L1	29.8	---	4.2
1.07109	39.84	---	56	16.16	N	29.7	10.14	---
1.07535	---	31.14	46	14.86	L1	29.8	---	1.34
2.75121	---	27.77	46	18.23	L1	29.8	---	-2.03
2.86635	33.31	---	56	22.69	N	29.8	3.51	---
11.5015	---	25.75	50	24.25	L1	30	---	-4.25
11.7403	32.25	---	60	27.75	N	29.9	2.35	---
14.3799	37.06	---	60	22.94	N	30	7.06	---
14.8618	---	35.48	50	14.52	L1	30	---	5.48

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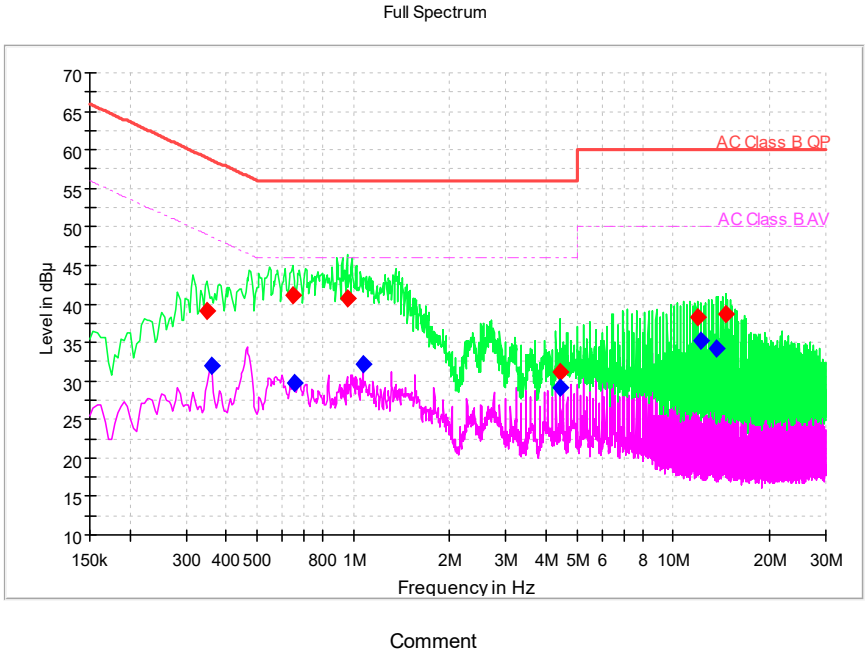
EUT1+4#Data Cable1+3#Battery+1#Charger1+6#Headset:



Pic3. Conducted emission L&N Line Voltage：240VAC

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P_{mea} QuasiPeak (dBµV)	P_{mea} Average (dBµV)
0.35042	39.18	---	58.95	19.77	L1	29.8	9.38	---
0.35895	---	32	48.75	16.76	L1	29.8	---	2.2
0.64466	41.16	---	56	14.85	L1	29.8	11.36	---
0.65745	---	29.77	46	16.23	L1	29.8	---	-0.03
0.95595	40.68	---	56	15.32	L1	29.8	10.88	---
1.07535	---	32.16	46	13.84	L1	29.8	---	2.36
4.42281	31.14	---	56	24.86	L1	29.9	1.24	---
4.42708	---	29.11	46	16.89	L1	29.9	---	-0.79
11.9621	38.23	---	60	21.77	L1	30	8.23	---
12.2009	---	35.22	50	14.78	L1	30	---	5.22
13.6379	---	34.17	50	15.83	L1	30	---	4.17
14.5931	38.65	---	60	21.35	L1	30	8.65	---

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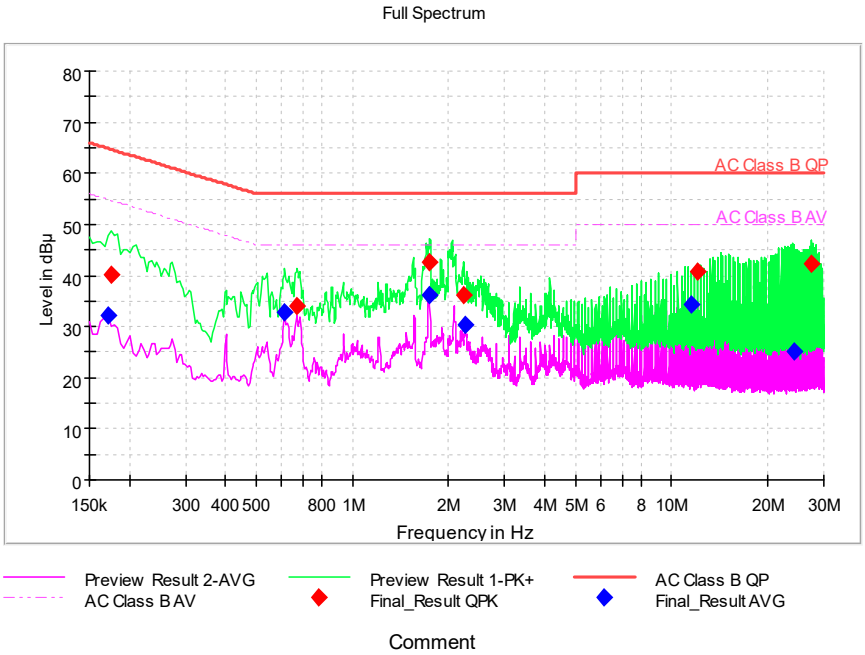
EUT1+5#Data Cable2+3#Battery+2#Charger2+6#Headset+7#Wireless Charging:



Pic4. Conducted emission L&N Line Voltage：120VAC

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P_{mea} QuasiPeak (dBµV)	P_{mea} Average (dBµV)
0.17132	---	32.32	54.9	22.58	N	29.7	---	2.62
0.17559	40.27	---	64.69	24.42	L1	29.8	10.47	---
0.61481	---	32.78	46	13.22	N	29.7	---	3.08
0.67024	34.13	---	56	21.87	L1	29.8	4.33	---
1.73631	---	36.03	46	9.97	L1	29.8	---	6.23
1.74911	42.6	---	56	13.4	N	29.7	12.9	---
2.22671	36.05	---	56	19.95	L1	29.8	6.25	---
2.25656	---	30.19	46	15.81	L1	29.8	---	0.39
11.5484	---	34.2	50	15.8	N	29.9	---	4.3
12.0857	40.75	---	60	19.25	L1	30	10.75	---
24.1793	---	25.05	50	24.95	L1	30	---	-4.95
27.4031	42.39	---	60	17.61	L1	30	12.39	---

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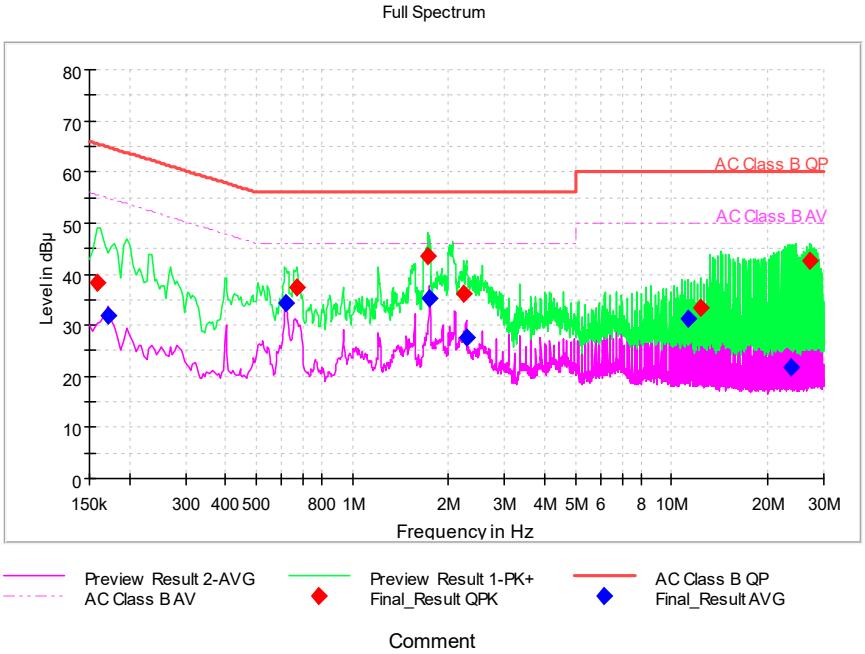
EUT1+5#Data Cable2+3#Battery+2#Charger2+6#Headset+7#Wireless Charging:



Pic5. Conducted emission L&N Line Voltage：240VAC

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	P_{mea} QuasiPeak (dBµV)	P_{mea} Average (dBµV)
0.15853	38.23	---	65.54	27.31	L1	29.8	8.43	---
0.17132	---	31.9	54.9	22.99	N	29.7	---	2.2
0.61907	---	34.4	46	11.6	N	29.7	---	4.7
0.67024	37.46	---	56	18.54	L1	29.8	7.66	---
1.73205	43.66	---	56	12.34	L1	29.8	13.86	---
1.74484	---	35.14	46	10.86	N	29.7	---	5.44
2.23097	36.25	---	56	19.75	L1	29.8	6.45	---
2.27361	---	27.56	46	18.44	L1	29.8	---	-2.24
11.2798	---	31.34	50	18.66	N	29.9	---	1.44
12.3544	33.51	---	60	26.49	N	30	3.51	---
23.6377	---	21.84	50	28.16	L1	30	---	-8.16
27.1344	42.46	---	60	17.54	L1	30	12.46	---

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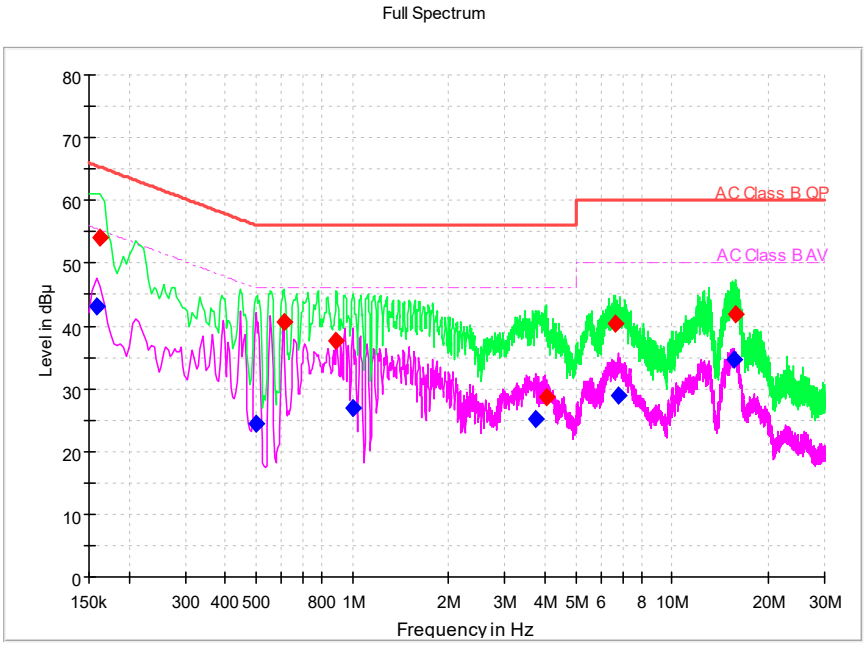
EUT1+4#Data Cable1+3#Battery+5#Headset+8#Laptop1+9#Laptop2:



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)
0.15853	---	43.04	55.54	12.5	L1	29.8	---	13.24
0.16279	53.96	---	65.32	11.36	L1	29.8	24.16	---
0.49967	---	24.43	46.01	21.57	L1	29.8	---	-5.37
0.61054	40.51	---	56	15.49	L1	29.8	10.71	---
0.89199	37.53	---	56	18.47	L1	29.8	7.73	---
1.00286	---	27	46	19	L1	29.8	---	-2.8
3.75759	---	25.06	46	20.94	L1	29.9	---	-4.84
4.0305	28.73	---	56	27.27	L1	29.9	-1.17	---
6.61466	40.48	---	60	19.52	L1	29.9	10.58	---
6.82361	---	28.84	50	21.16	L1	29.9	---	-1.06
15.5441	---	34.57	50	15.43	N	30.1	---	4.47
15.881	41.88	---	60	18.12	N	30.1	11.78	---

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EUT2+4#Data Cable1+3#Battery+5#Headset+8#Laptop1+9#Laptop2:

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)
0.16279	55.96	---	65.32	9.36	N	29.7	26.26	---
0.16279	---	37.29	55.32	18.03	N	29.7	---	7.59
0.55937	---	35.73	46	10.27	L1	29.8	---	5.93
0.56364	41	---	56	15	L1	29.8	11.2	---
1.05403	---	31.8	46	14.2	L1	29.8	---	2
1.05403	38.57	---	56	17.43	L1	29.8	8.77	---
4.50384	33.81	---	56	22.19	L1	29.9	3.91	---
4.96011	---	28.17	46	17.83	L1	29.9	---	-1.73
5.91105	---	29.03	50	20.97	L1	29.9	---	-0.87
5.94943	37.17	---	60	22.83	L1	29.9	7.27	---
14.0388	---	29.76	50	20.24	N	30	---	-0.24
15.0025	38.68	---	60	21.32	N	30	8.68	---

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2.2.2 Radiated Emissions-FCC Part15.109

Ambient condition:

Temperature	Relative humidity	Pressure
23.1°C	36.8%	100.9kPa

Test Setup:

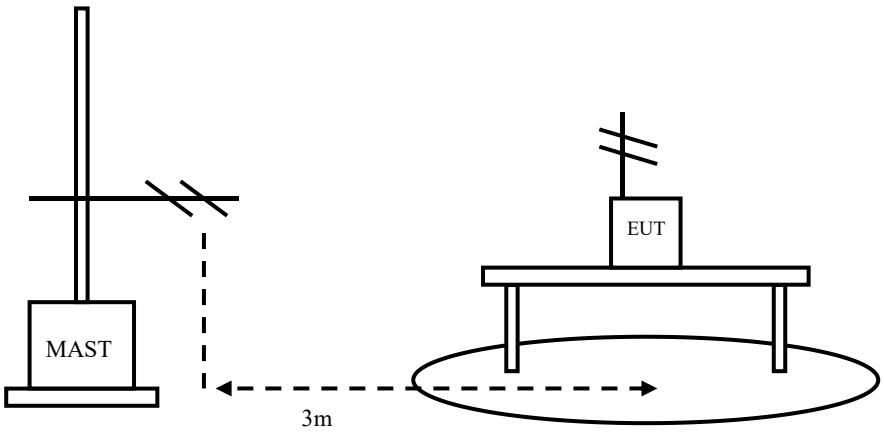

Figure 3

Test Procedure:

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 accessories of the EUT are connected with the EUT such as headset etc. 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 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

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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 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.

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= $P_{mea} + A_{Rpl}$
Sample calculation: (18.88 dBμV/m) = (37.58 dBμV) + (-18.7dB/m), the corresponding frequency is 39.506MHz.

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

Uncertainty
30MHz～1000MHz 4.73dB
1000MHz～26000MHz 4.58dB

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Test result:

EUT1+charger1:

Frequency (MHz)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	ARpl (dB/m)	Pmea (dBuV)	Polarity
39.506	18.88	40.00	21.12	-18.7	37.58	V
82.768	17.34	40.00	22.66	-20.8	38.14	V
104.2535	20.52	43.50	22.98	-18.8	39.32	V
292.4335	6.5	46.00	39.5	-16	22.5	V
544.682	12.01	46.00	33.99	-9.5	21.51	V
931.5665	17.05	46.00	28.95	-3	20.05	V

EUT1+charger2:

Frequency (MHz)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	ARpl (dB/m)	Pmea (dBuV)	Polarity
34.2195	29.56	40.00	10.44	-19.7	49.26	V
83.835	21.14	40.00	18.86	-20.6	41.74	V
98.579	27.86	43.50	15.64	-18.7	46.56	V
288.311	10.64	46.00	35.36	-16.2	26.84	V
353.3495	16.54	46.00	29.46	-14.2	30.74	V
949.5115	18.02	46.00	27.98	-2.8	20.82	V

EUT1+Laptop:

Frequency (MHz)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	ARpl (dB/m)	Pmea (dBuV)	Polarity
40.3305	7.51	40.00	32.49	-18.6	26.11	V
68.121	16.46	40.00	23.54	-21.2	37.66	V
141.356	18.13	43.50	25.37	-21.6	39.73	V
183.6965	11.66	43.50	31.84	-20	31.66	V
513.8845	28.43	46.00	17.57	-10.3	38.73	V
998.157	33.89	54.00	20.11	-2.4	36.29	V

EUT2+Laptop:

Frequency (MHz)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	ARpl (dB/m)	Pmea (dBuV)	Polarity
50.467	9.87	40.00	30.13	-18.3	28.17	V
67.7815	17.4	40.00	22.6	-21.1	38.5	V
141.55	26.68	43.50	16.82	-21.6	48.28	V
179.1375	11.52	43.50	31.98	-20.4	31.92	V
513.8845	28.5	46.00	17.5	-10.3	38.8	V
999.4665	34.2	54.00	19.8	-2.4	36.6	V

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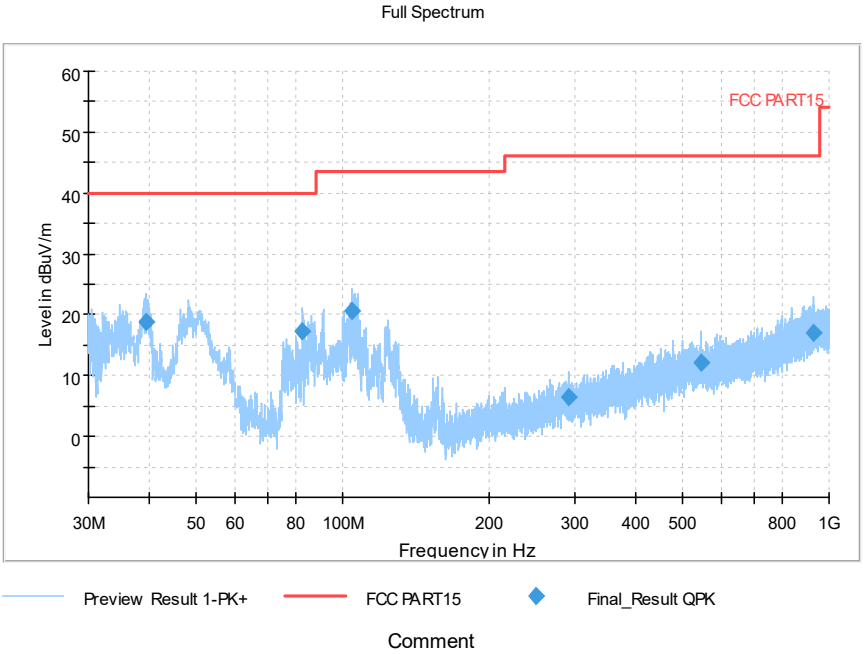
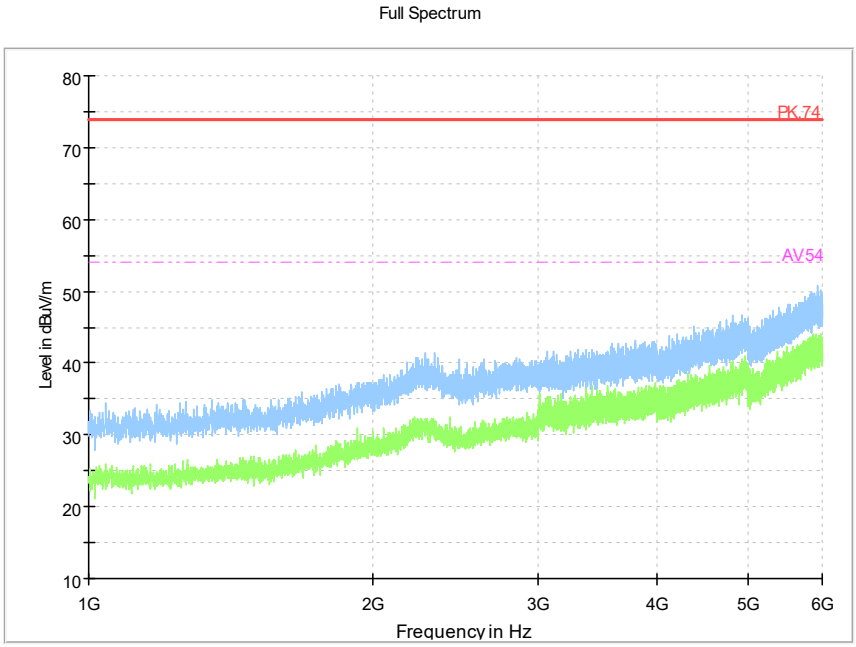
EUT1+4#Data Cable1+3#Battery+1#Charger1+6#Headset:refer to Pic8 to Pic11



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

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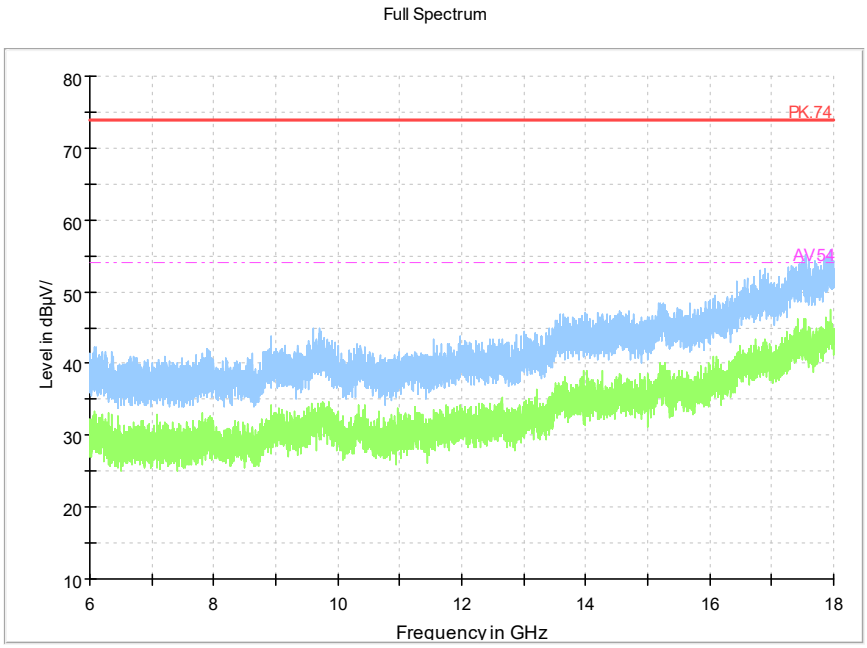
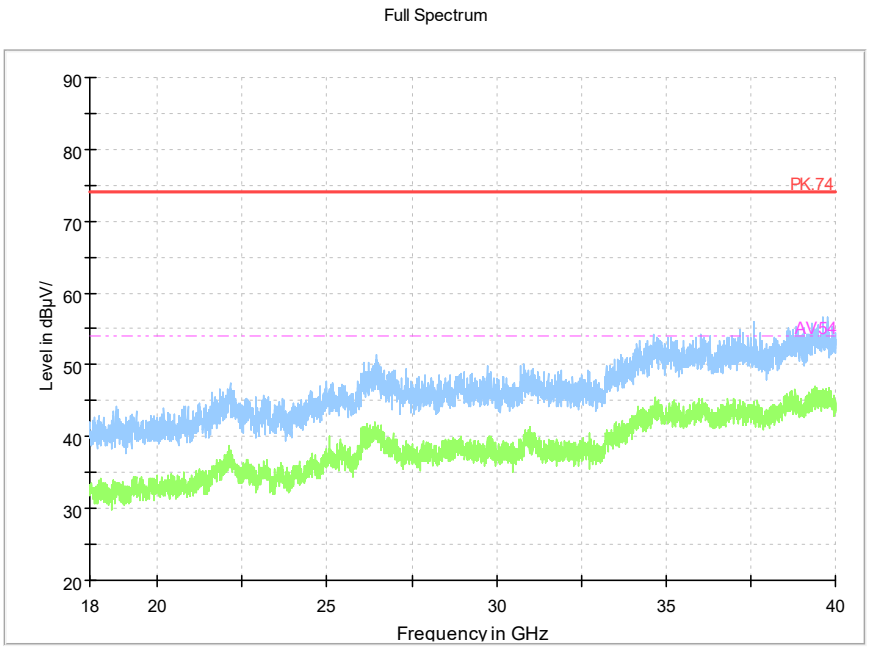


Pic10. Radiated emission (6GHz –18GHz)

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



Pic11. Radiated emission (18GHz –40GHz)

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

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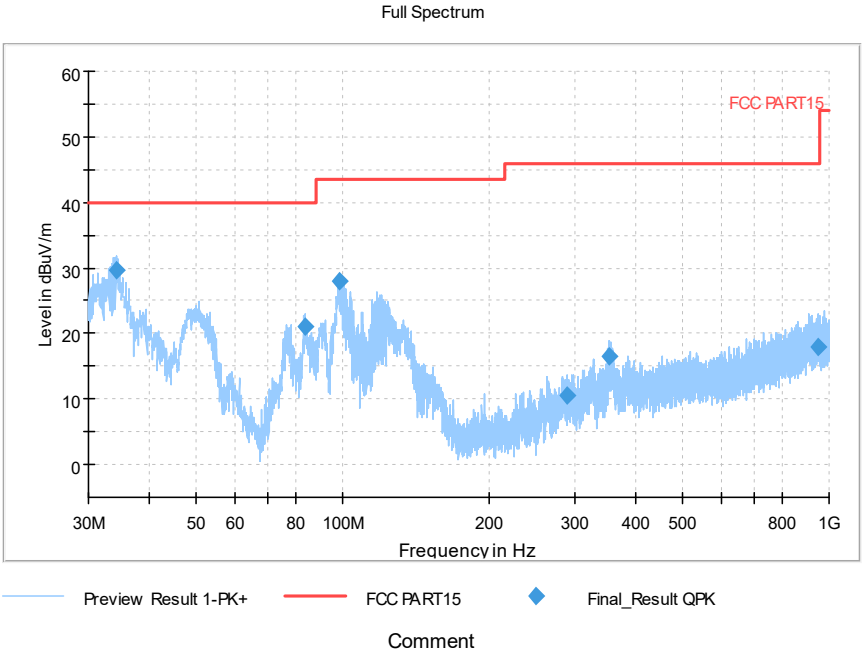
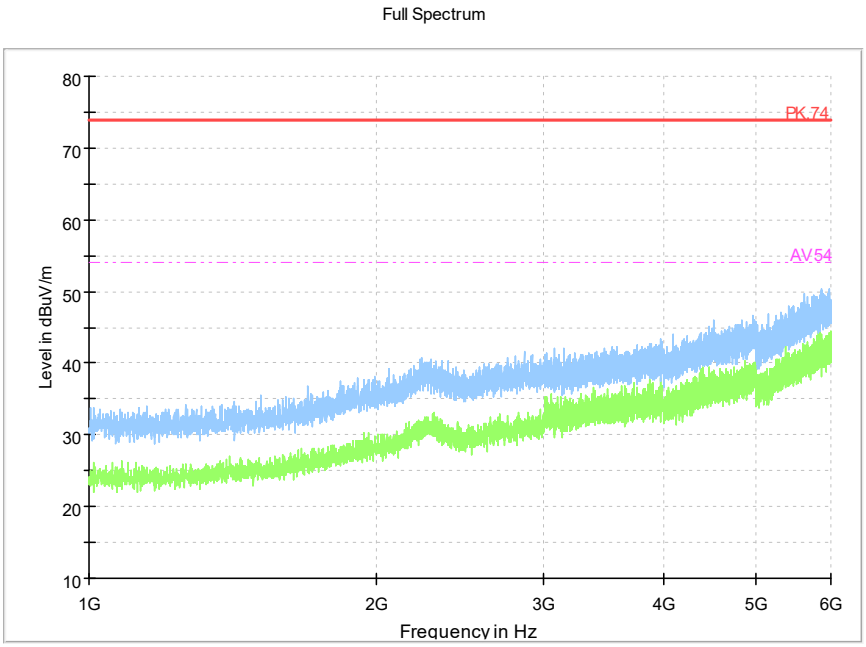
EUT1+5#Data Cable2+3#Battery+2#Charger2+6#Headset+7#Wireless Charging:refer to Pic12 to Pic15



Pic12. Radiated emission (30MHz – 1GHz)

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



Pic13. Radiated emission (1GHz –6GHz)

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

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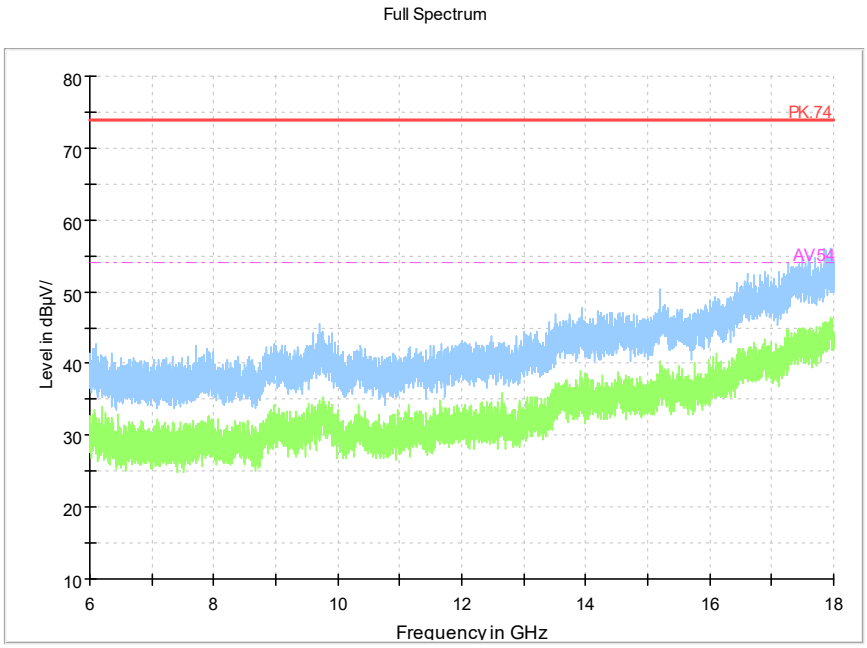
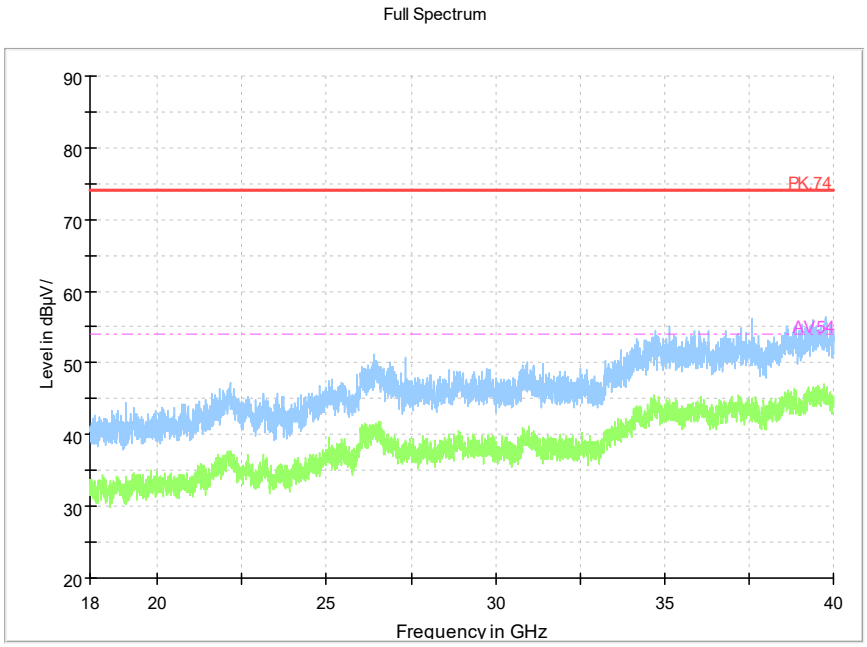


Pic14. Radiated emission (6GHz –18GHz)

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



Pic15. Radiated emission (18GHz –40GHz)

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

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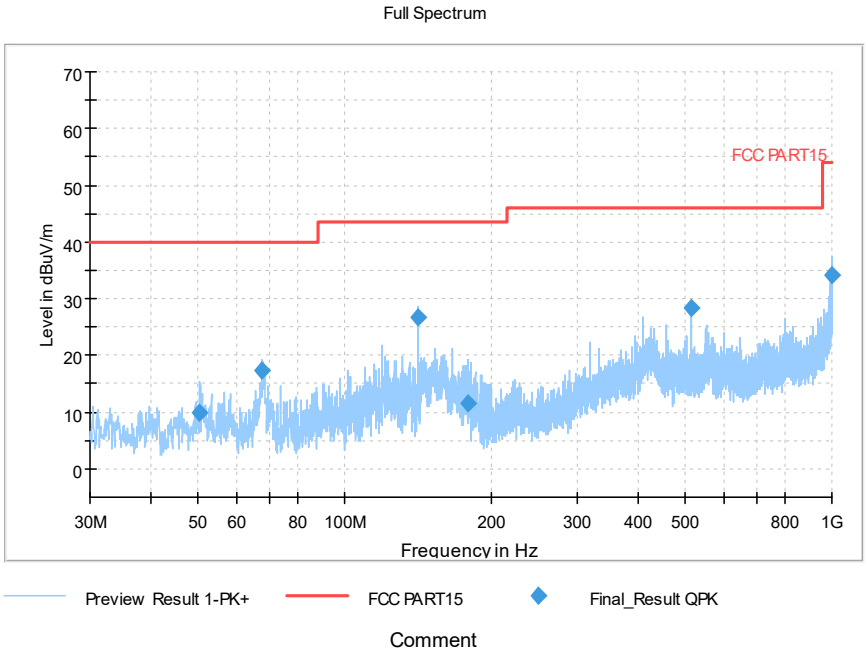
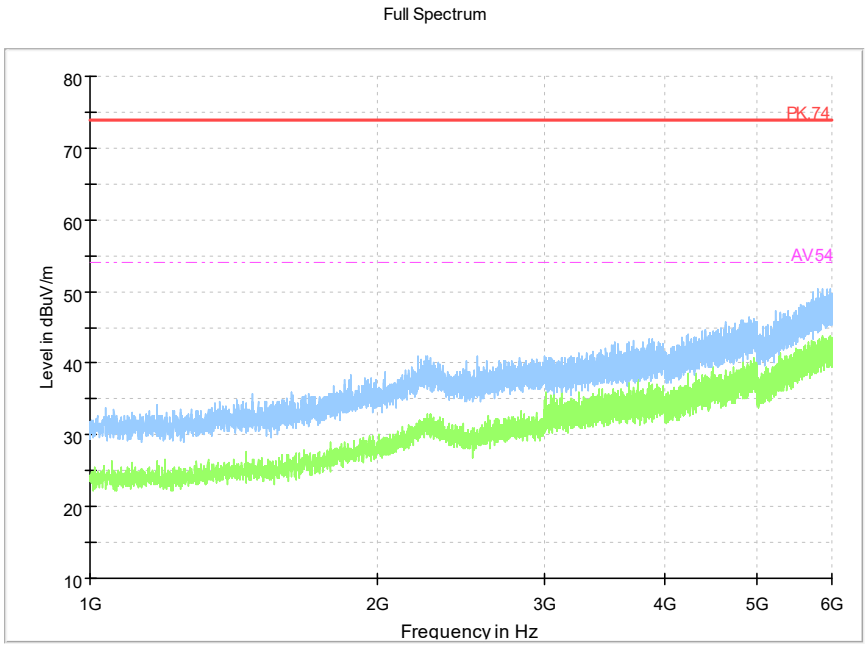
EUT1+4#Data Cable1+3#Battery+5#Headset+8#Laptop1+9#Laptop2:refer to Pic16 to Pic19



Pic16. Radiated emission (30MHz – 1GHz)

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



Pic17. Radiated emission (1GHz –6GHz)

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

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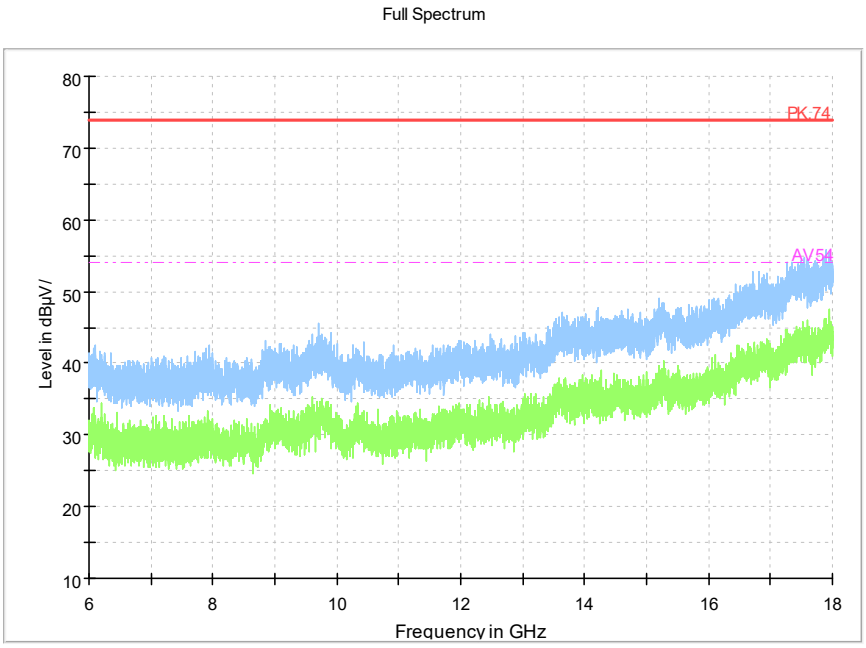
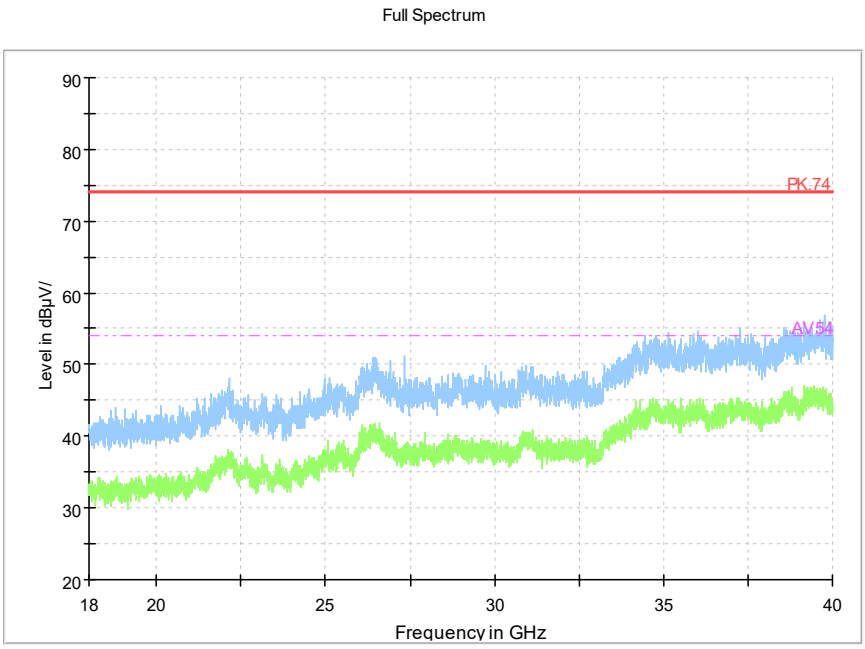


Pic18. Radiated emission (6GHz –18GHz)

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



Pic19. Radiated emission (18GHz –40GHz)

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

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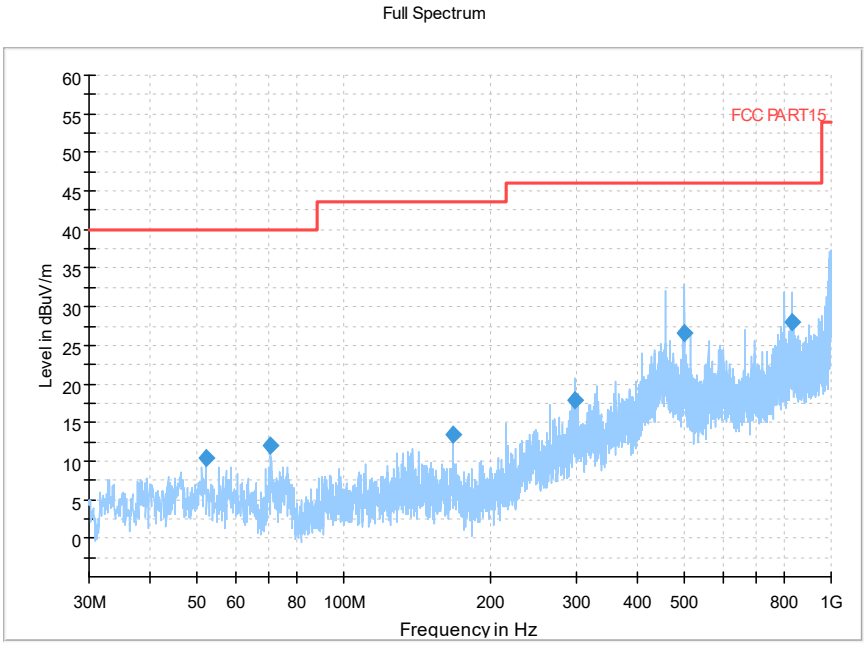
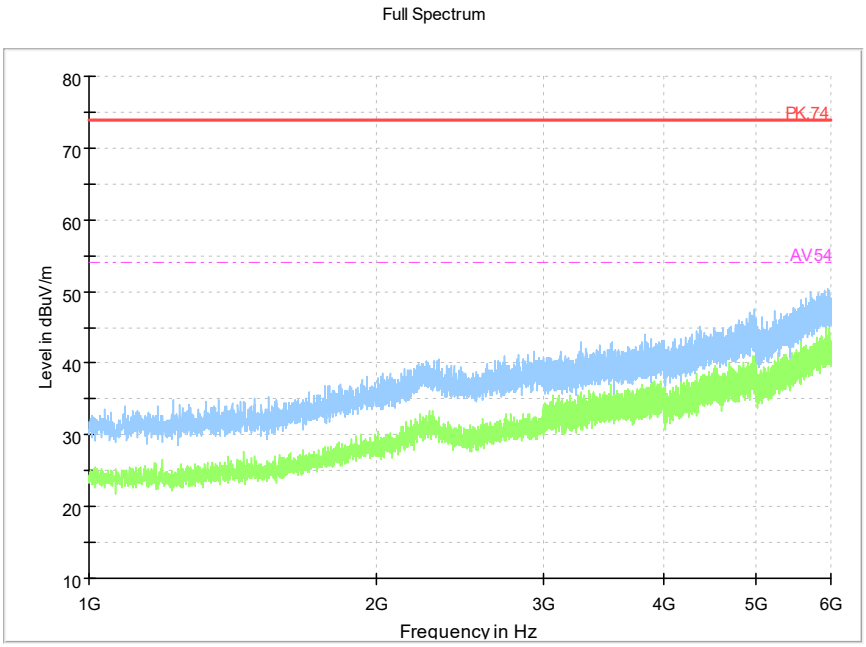
EUT2+4#Data Cable1+3#Battery+5#Headset+8#Laptop1+9#Laptop2:refer to Pic20 to Pic23



Pic20. Radiated emission (30MHz – 1GHz)

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



Pic21. Radiated emission (1GHz –6GHz)

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

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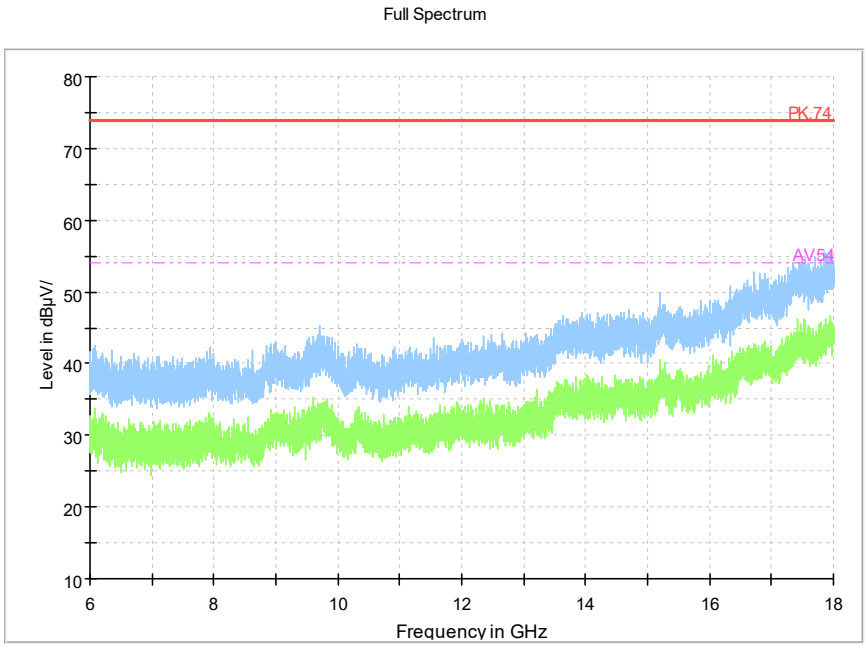
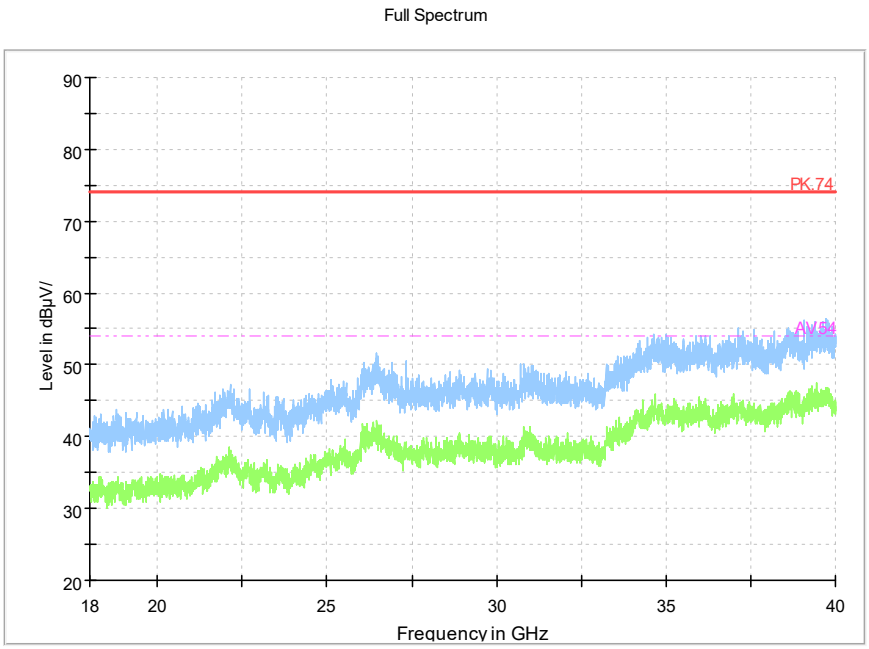


Pic22. Radiated emission (6GHz –18GHz)

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



Pic23. Radiated emission (18GHz –40GHz)

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

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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	-----	2028.09.04	2023.09.05
2	ESW EMI test receiver	R&S	101574	2024.03.05	2023.03.06
3	ESR3 EMI test receiver	R&S	102361	2024.03.05	2023.03.06
4	9.080m×5.255m×3.525m Shielding room	FRANKONIA	-----	2027.03.24	2022.03.25
5	VULB 9163 Ultra log test antenna	schwarzbeck	727	2025.05.27	2023.05.28
6	HF 907 Double-Ridged Waveguide Horn Antenna	R&S	100512	2025.07.19	2023.07.20
7	SAS-574 Horn Antenna	schwarzbeck	535	2025.05.11	2023.05.12
8	ENV216 AMN	R&S	101881	2024.06.20	2023.06.21
9	EMC32EMI test software	R&S	V10	-----	-----

----------The end----------

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