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.: SRTC2021-9003(F)-0050

Product Name: Mobile phone

Applicant: Sharp Corporation

Manufacturer: Sharp Corporation

Specification: FCC Part15B (Certification)
(2020 edition)
ANSI C63.4-2014

FCC ID: APYHRO00302

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 3
1.1 Notes of the test report 3
1.2 Information about the testing laboratory 3
1.3 Applicant's details 3
1.4 Manufacturer's details 3
1.5 Application details 3
1.6 Reference specification 4
1.7 Information of EUT 4
1.7.1 General information 4
1.7.2 EUT details 5
1.7.3 Auxiliary equipment details 6
2. Test information 7
2.1 Summary of the test results 7
2.2 Test result 8
2.2.1 Conducted Emissions-FCC Part15.107 8
2.2.2 Radiated Emissions-FCC Part15.109 18
2.3. List of test equipments 34

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

1.5 Application details

Date of reception of test sample: 3rd September 2021
Date of test: 3rd September 2021 to 4th October 2021

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1.6 Reference specification

FCC Part 15B, 2020 (Certification)

1.7 Information of EUT

1.7.1 General information

Product Name of EUT	Mobile phone
FCC ID	APYHRO00302
Frequency Range	GSM: GSM850 / DCS1900 WCDMA: FDD V LTE: FDD 5//TDD 38/ TDD 41 Bluetooth: 2.4~2.4835GHz WiFi: 2.4~2.4835GHz 5.15-5.35GHz/5.475-5.725GHz 5.725GHz-5.85GHz NFC: 13.56MHz
Power Supply	Charger/Battery
Nominal Voltage	4V
Extreme Temperature	Lowest: -10°C Highest: +55°C
Extreme Voltage	Minimum: 3.7V Maximum: 4V
HW Version	DVT(Remodeled to the equivalent of MP products)
SW Version	A806M

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1.7.2 EUT details

No.	Product Name	IMEI
EUT1	Mobile phone	1#:004401230429421/004401230421428 2#: 004401230430429/004401230422426 3#: 004401230429983/004401230421980 4#: 004401230510071/004401230500072 5#: 004401230510600/004401230500601

Note1: As the applicant of this model, [Sharp Corporation] declares that the product has three the suppliers and two capacity of memory / two the suppliers of NFC.

Capacity 64G:

Main Supply: 1#: 004401230429421/004401230421428

Part Name	Model Name	supplier
memory	/	Sumsung
NFC	SN110P	/

Secondary Supply: 2#:004401230430429/004401230422426

Part Name	Model Name	supplier
memory	/	SK Hynix
NFC	SN110P	/

Third Supply: 3#: 004401230429983/004401230421980

Part Name	Model Name	supplier
memory	/	Micron
NFC	SN100F	/

Capacity 128G:

Main Supply: 4#: 004401230510071/004401230500072

Part Name	Model Name	supplier
memory	/	Sumsung
NFC	SN110P	/

Secondary Supply: 5#:004401230510600/004401230500601

Part Name	Model Name	supplier
memory	/	SK Hynix
NFC	SN110P	/

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1.7.3 Auxiliary equipment details

AE (Auxiliary Equipment) 1#: Charger

Manufacturer	DVE
Model Number	DSA-10PF06-05 FUS
Input Voltage	100V-240V AC
Output Voltage	5V DC

AE (Auxiliary Equipment) 2#: Battery

Manufacturer	Amperex Technology Limited
Model Number	UBATIA305AFN2

AE (Auxiliary Equipment) 3#: USB cable

Manufacturer	Kingpower
Model Number	K201-05130-00

AE (Auxiliary Equipment) 4#: Headset

Manufacturer	Panasonic
Model Number	RP-HJS150-K

Note1: In this report, the result exercised by the EUT1, EUT2 and EUT3, charger AE1, the Battery AE2 , the USB cable AE3 and the Headset AE4.

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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	Checked By: Mr. Guo Yu Vice director of the test department
Tested by: Mr. Lv Youyou Test engineer	Issued date: 2021.10.18

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2.2 Test result

2.2.1 Conducted Emissions-FCC Part15.107

Ambient condition:

Temperature	Relative humidity	Pressure
23.8°C	43.4%	100.9kPa

Test Setup with charger:

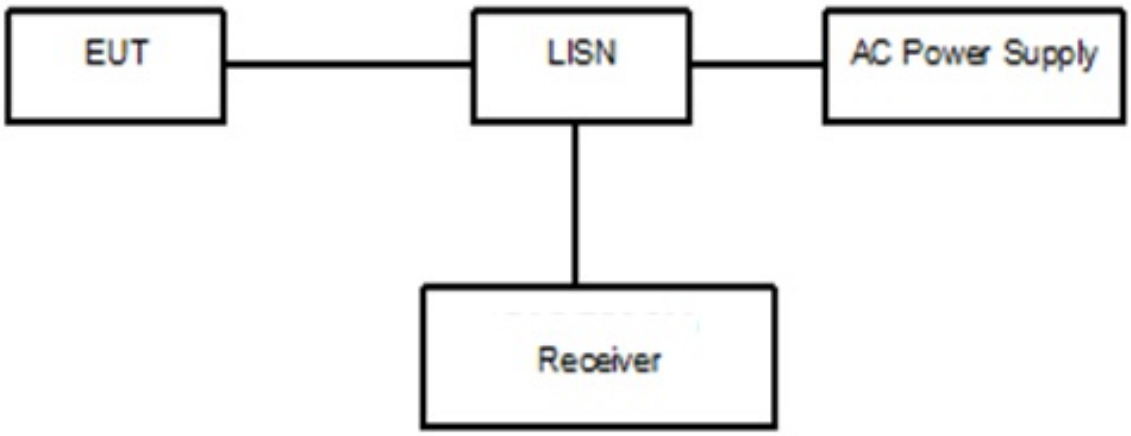

Figure 1

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 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:

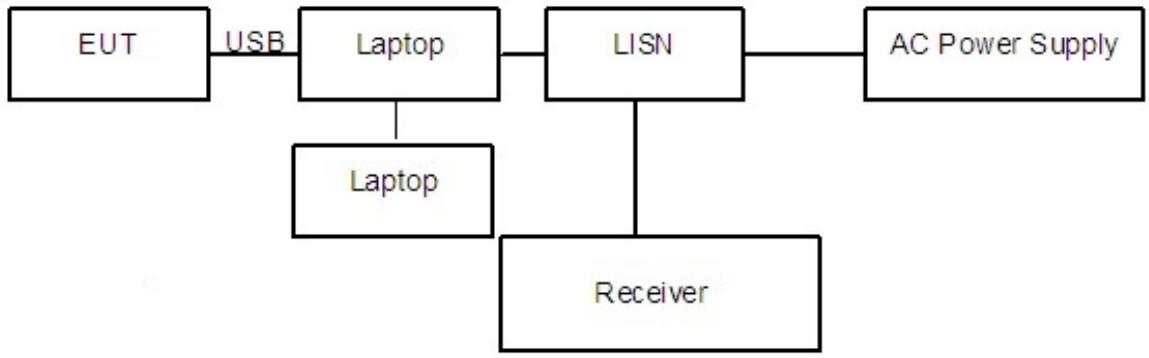

Figure 2

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 was charged. 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: (36.34dBμV) = (6.64 dBμV) + (29.7 dB), the corresponding frequency is 0.167057MHz.

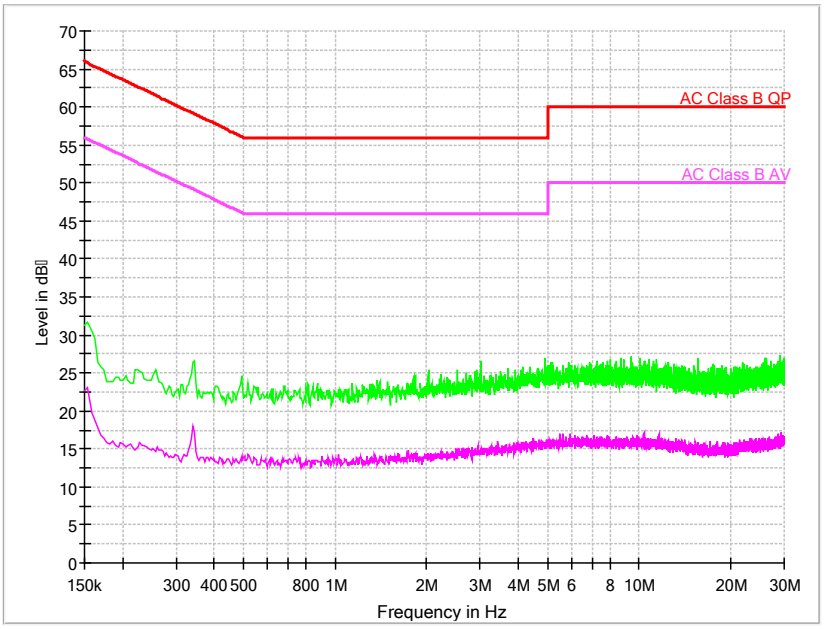
Limit:

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

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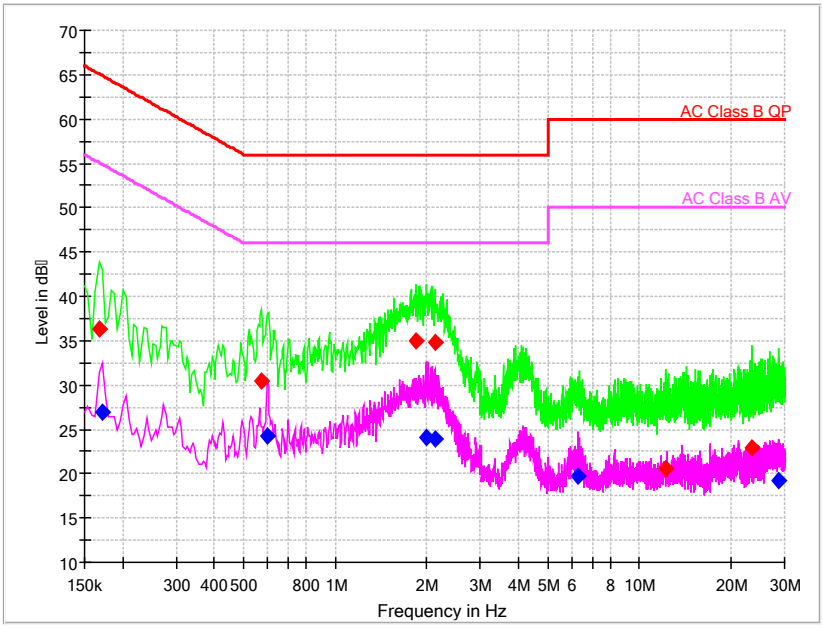
EUT1+charger:



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)
0.167057	36.34	---	65.11	28.77	L1	29.7	6.64	---
0.171321	---	26.94	54.90	27.95	L1	29.7	---	-2.76
0.572164	30.52	---	56.00	25.48	L1	29.7	0.82	---
0.597750	---	24.19	46.00	21.81	L1	29.7	---	-5.51
1.847186	35.03	---	56.00	20.97	L1	29.8	5.23	---
1.983643	---	24.05	46.00	21.95	L1	29.8	---	-5.75
2.124364	---	23.97	46.00	22.03	N	29.8	---	-5.83
2.128629	34.84	---	56.00	21.16	L1	29.8	5.04	---
6.303364	---	19.69	50.00	30.31	L1	29.8	---	-10.11
12.183814	20.49	---	60.00	39.51	L1	30.0	-9.51	---
23.386093	22.91	---	60.00	37.09	L1	30.5	-7.59	---
28.524557	---	19.28	50.00	30.72	L1	30.4	---	-11.12

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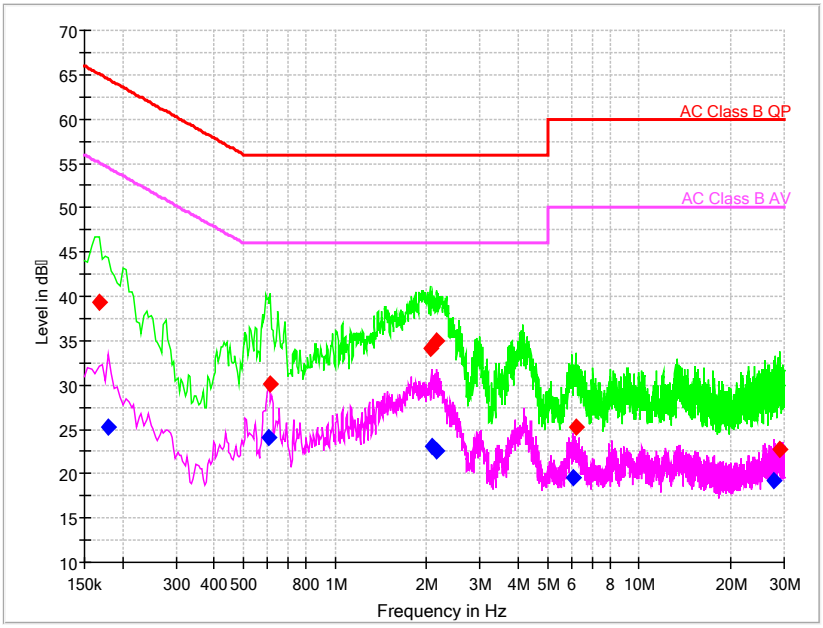
EUT1+charger:



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)
0.167057	39.27	---	65.11	25.84	L1	29.7	9.57	---
0.179850	---	25.24	54.49	29.25	L1	29.7	---	-4.46
0.606279	---	24.14	46.00	21.86	L1	29.7	---	-5.56
0.610543	30.14	---	56.00	25.86	L1	29.7	0.44	---
2.051871	34.09	---	56.00	21.91	L1	29.8	4.29	---
2.077457	---	23.04	46.00	22.96	L1	29.8	---	-6.76
2.149950	34.94	---	56.00	21.06	L1	29.8	5.14	---
2.154214	---	22.65	46.00	23.35	N	29.8	---	-7.15
6.060300	---	19.63	50.00	30.37	L1	29.8	---	-10.17
6.188229	25.24	---	60.00	34.76	L1	29.8	-4.56	---
27.842271	---	19.20	50.00	30.80	L1	30.5	---	-11.3
29.053329	22.75	---	60.00	37.25	L1	30.4	-7.65	---

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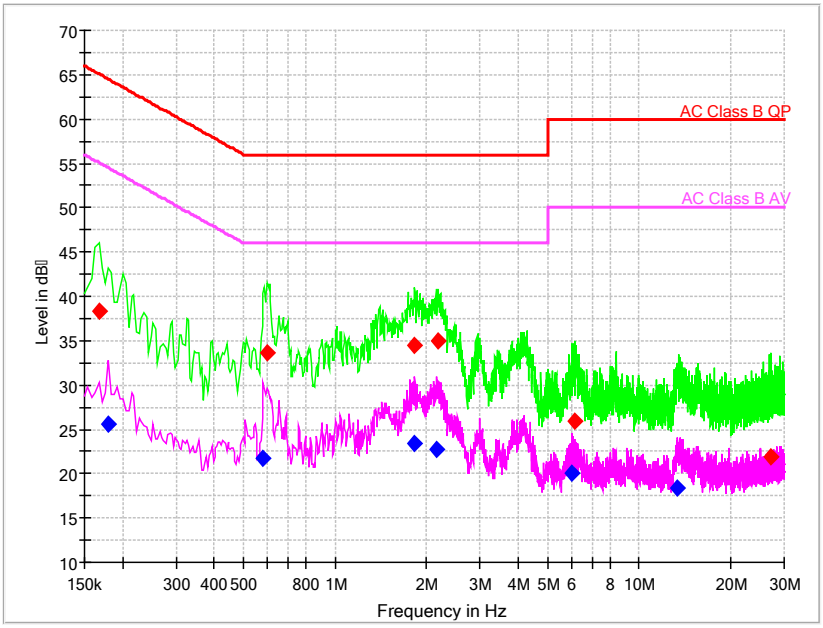
EUT2+charger:



Pic4. 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)
0.167057	38.27	---	65.11	26.83	L1	29.7	8.57	---
0.179850	---	25.57	54.49	28.92	N	29.7	---	-4.13
0.580693	---	21.76	46.00	24.24	L1	29.7	---	-7.94
0.597750	33.61	---	56.00	22.39	L1	29.7	3.91	---
1.830129	34.53	---	56.00	21.47	L1	29.8	4.73	---
1.830129	---	23.34	46.00	22.66	L1	29.8	---	-6.46
2.158479	---	22.79	46.00	23.21	L1	29.8	---	-7.01
2.184064	35.03	---	56.00	20.97	L1	29.8	5.23	---
6.026186	---	20.05	50.00	29.95	L1	29.8	---	-9.75
6.145586	25.86	---	60.00	34.14	L1	29.8	-3.94	---
13.420457	---	18.37	50.00	31.63	L1	30.0	---	-11.63
26.980886	21.97	---	60.00	38.03	L1	30.5	-8.53	---

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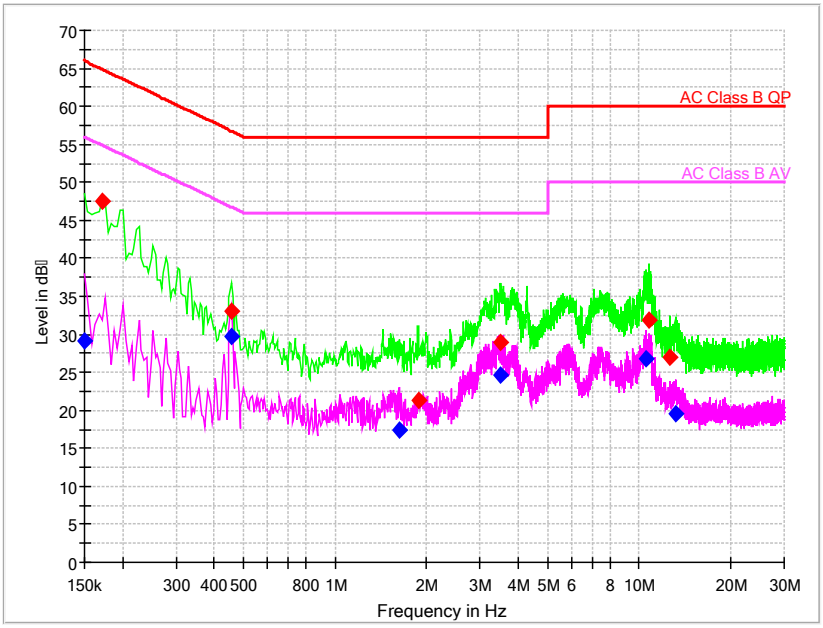
EUT1+Laptop:



Pic5. Conducted emission L&N Line

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	Pmea Quasi	Pmea Aver
0.150000	---	29.06	56.00	26.94	L1	29.7	---	-0.64
0.171321	47.47	---	64.90	17.43	L1	29.7	17.7	---
0.457029	---	29.79	46.75	16.96	L1	29.7	---	0.09
0.457029	33.13	---	56.75	23.62	L1	29.7	3.43	---
1.625443	---	17.42	46.00	28.58	L1	29.8	---	-12.3
1.877036	21.24	---	56.00	34.76	L1	29.8	-8.56	---
3.493200	29.02	---	56.00	26.98	N	29.8	-0.78	---
3.518786	---	24.60	46.00	21.40	L1	29.8	---	-5.2
10.486629	---	26.87	50.00	23.13	L1	29.9	---	-3.03
10.780864	31.94	---	60.00	28.06	L1	29.9	2.04	---
12.559071	27.05	---	60.00	32.95	L1	30.0	-2.95	---
13.190186	---	19.52	50.00	30.48	L1	30.0	---	-10.4

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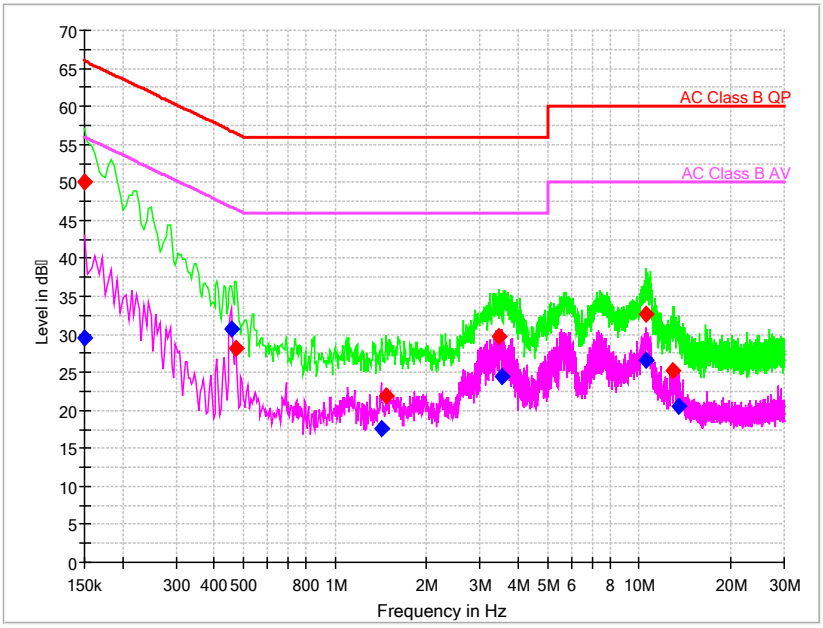
EUT3+Laptop:



Pic6. Conducted emission L&N Line

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	Pmea Quasi	Pmea Aver
0.150000	---	29.52	56.00	26.48	L1	29.7	---	-0.18
0.150000	50.06	---	66.00	15.94	L1	29.7	20.3	---
0.457029	---	30.78	46.75	15.96	L1	29.7	---	1.08
0.474086	28.16	---	56.44	28.28	L1	29.7	-1.54	---
1.416493	---	17.60	46.00	28.40	L1	29.8	---	-12.2
1.471929	21.81	---	56.00	34.19	L1	29.8	-7.99	---
3.442029	29.81	---	56.00	26.19	N	29.8	0.01	---
3.523050	---	24.43	46.00	21.57	L1	29.8	---	-5.37
10.533536	32.59	---	60.00	27.41	L1	29.9	2.69	---
10.533536	---	26.51	50.00	23.49	L1	29.9	---	-3.39
12.972707	25.14	---	60.00	34.86	L1	30.0	-4.86	---
13.467364	---	20.56	50.00	29.44	L1	30.0	---	-9.44

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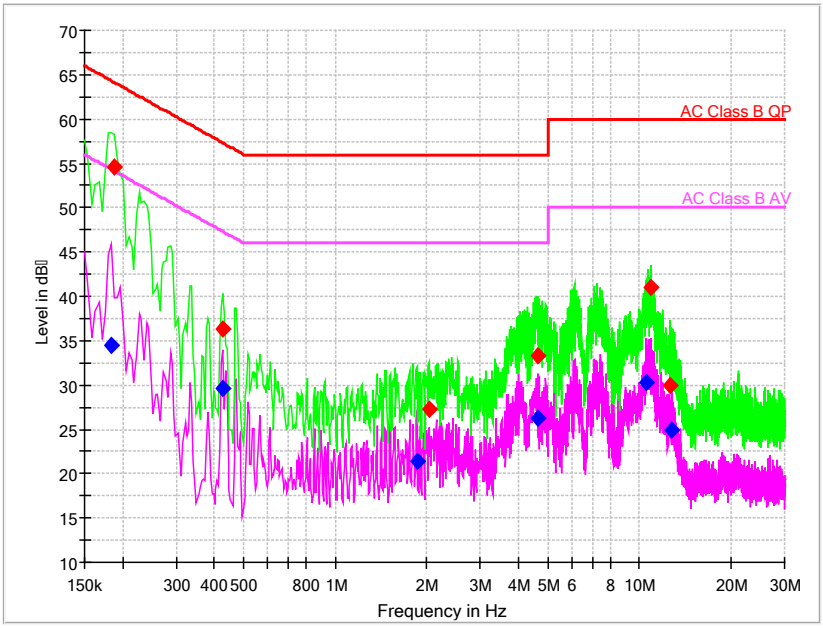
EUT4+Laptop:



Pic7. Conducted emission L&N Line

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	Pmea Quasi	Pmea Aver
0.184114	---	34.51	54.30	19.79	L1	29.7	---	4.81
0.188379	54.63	---	64.11	9.47	L1	29.7	24.9	---
0.427179	---	29.67	47.31	17.64	L1	29.7	---	-0.03
0.427179	36.38	---	57.31	20.92	L1	29.7	6.68	---
1.855714	---	21.40	46.00	24.60	L1	29.8	---	-8.4
2.030550	27.19	---	56.00	28.81	L1	29.8	-2.61	---
4.636029	---	26.26	46.00	19.74	L1	29.8	---	-3.54
4.640293	33.24	---	56.00	22.76	L1	29.8	3.44	---
10.550593	---	30.30	50.00	19.70	N	29.9	---	0.4
10.917321	41.01	---	60.00	18.99	L1	29.9	11.11	---
12.623036	29.97	---	60.00	30.03	L1	30.0	-0.03	---
12.763757	---	24.83	50.00	25.17	L1	30.0	---	-5.17

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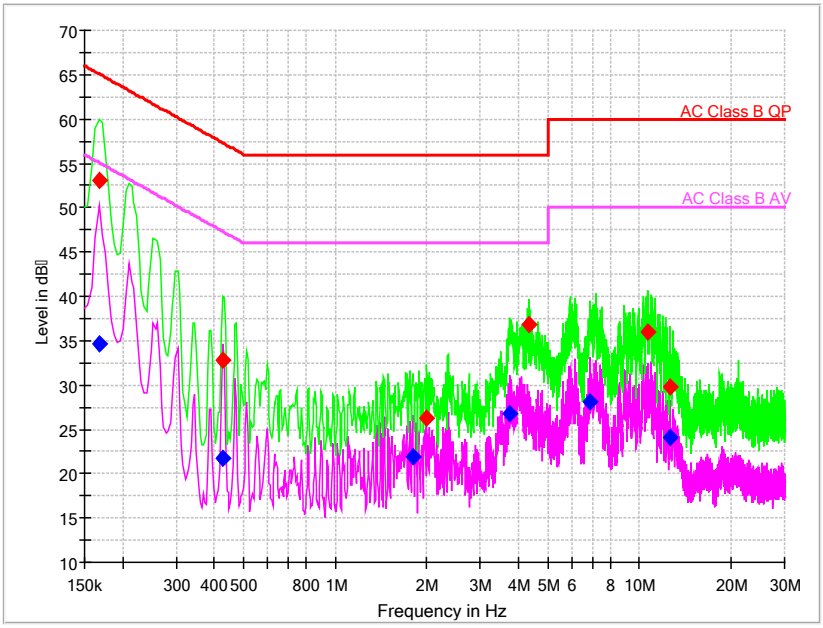
EUT5+Laptop:



Pic8. Conducted emission L&N Line

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	Pmea Quasi	Pmea Aver
0.167057	---	34.68	55.11	20.42	L1	29.7	---	4.98
0.167057	53.02	---	65.11	12.08	L1	29.7	23.3	---
0.427179	---	21.71	47.31	25.60	L1	29.7	---	-7.99
0.427179	32.80	---	57.31	24.51	L1	29.7	3.1	---
1.796014	---	21.91	46.00	24.09	N	29.8	---	-7.89
2.000700	26.28	---	56.00	29.72	L1	29.8	-3.52	---
3.761850	---	26.83	46.00	19.17	L1	29.8	---	-2.97
4.316207	36.78	---	56.00	19.22	L1	29.8	6.98	---
6.904629	---	28.07	50.00	21.93	L1	29.9	---	-1.83
10.601764	35.92	---	60.00	24.08	L1	29.9	6.02	---
12.618771	---	24.11	50.00	25.89	L1	30.0	---	-5.89
12.644357	29.80	---	60.00	30.20	L1	30.0	-0.2	---

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2.2.2 Radiated Emissions-FCC Part15.109

Ambient condition:

Temperature	Relative humidity	Pressure
24.5°C	43.1%	100.9kPa

Test Setup:

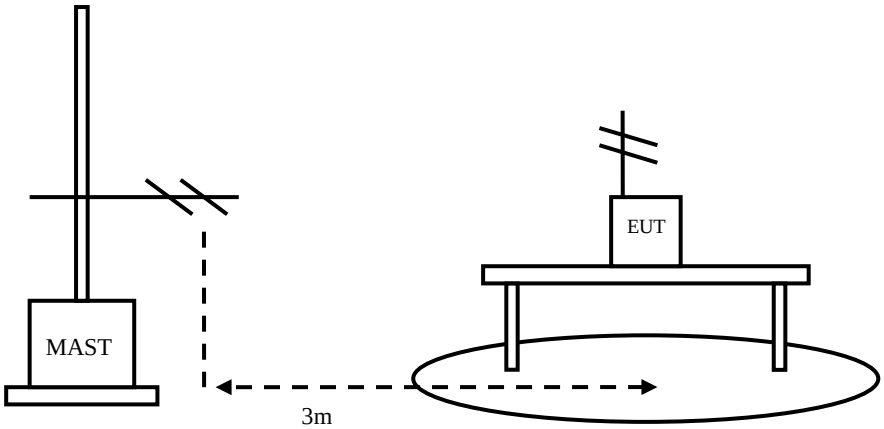

Figure 3

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 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, 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

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

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: (24.71 dBμV/m) = (45.71 dBμV) + (-21.0dB/m), the corresponding frequency is 30.824500MHz.

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

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Test result:

EUT1+charger:

Frequency(MHz)	Result(dBuV/m)	A_{Rpl} (dB/m)	P_{mea} (dBuV)	Polarity
30.824500	24.71	-21.0	45.71	V
53.813500	21.20	-18.0	39.20	V
54.201500	21.88	-18.1	39.98	V
84.853500	24.62	-22.9	47.52	V
170.553000	27.84	-21.6	49.44	V
174.287500	28.21	-21.4	49.61	V

EUT2+charger:

Frequency(MHz)	Result(dBuV/m)	A_{Rpl} (dB/m)	P_{mea} (dBuV)	Polarity
30.000000	24.85	-21.3	46.15	V
53.813500	21.25	-18.0	39.25	V
55.608000	21.04	-18.2	39.24	V
85.144500	24.65	-22.8	47.45	V
166.188000	27.80	-21.8	49.60	V
174.578500	27.48	-21.4	48.88	V

EUT1+Laptop:

Frequency(MHz)	Result(dBuV/m)	A_{Rpl} (dB/m)	P_{mea} (dBuV)	Polarity
46.781000	17.39	-17.8	35.19	V
56.529500	23.39	-18.4	41.79	V
215.949000	22.86	-18.5	41.36	V
359.994000	28.80	-14.1	42.90	V
455.975500	27.07	-12.0	39.07	V
575.964500	20.93	-8.9	29.83	V

EUT3+ Laptop:

Frequency(MHz)	Result(dBuV/m)	A_{Rpl} (dB/m)	P_{mea} (dBuV)	Polarity
46.781000	17.27	-17.8	35.07	V
56.529500	23.02	-18.4	41.42	V
215.949000	22.81	-18.5	41.31	V
359.994000	28.68	-14.1	42.78	V
455.975500	27.09	-12.0	39.09	V
928.656500	19.48	-2.9	22.38	V

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Test result:

EUT4+ Laptop:

Frequency(MHz)	Result(dBuV/m)	A_{Rpl} (dB/m)	P_{mea} (dBuV)	Polarity
167.982500	25.20	-21.8	47.00	V
199.119500	17.35	-19.2	36.55	V
263.964000	26.95	-16.9	43.85	V
359.994000	31.39	-14.1	45.49	V
503.990500	27.89	-10.7	38.59	V
883.309000	18.11	-3.6	21.71	V

EUT5+ Laptop:

Frequency(MHz)	Result(dBuV/m)	A_{Rpl} (dB/m)	P_{mea} (dBuV)	Polarity
167.982500	25.74	-21.8	47.54	V
199.847000	20.19	-19.2	39.39	V
263.964000	27.23	-16.9	44.13	V
359.994000	31.33	-14.1	45.43	V
503.990500	26.83	-10.7	37.53	V
1000.000000	28.28	-2.1	30.38	V

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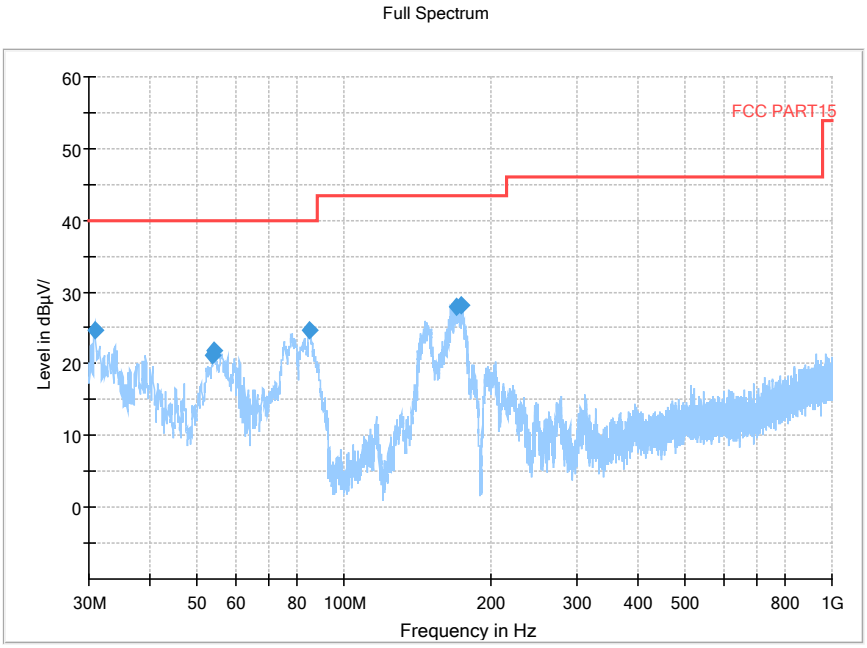
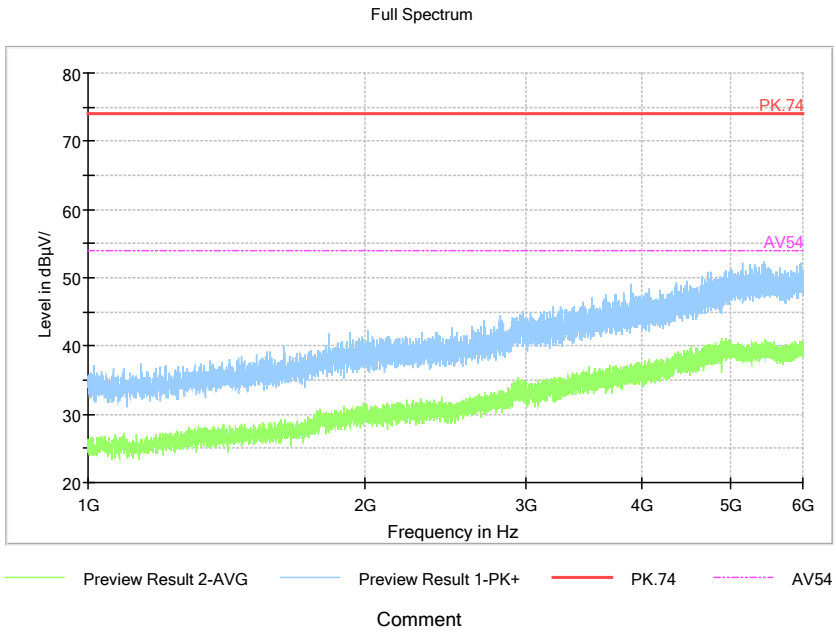
EUT1+charger: refer to Pic9 to Pic12



Pic9. Radiated emission (30MHz – 1GHz)

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



Pic10. Radiated emission (1GHz –6GHz)

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

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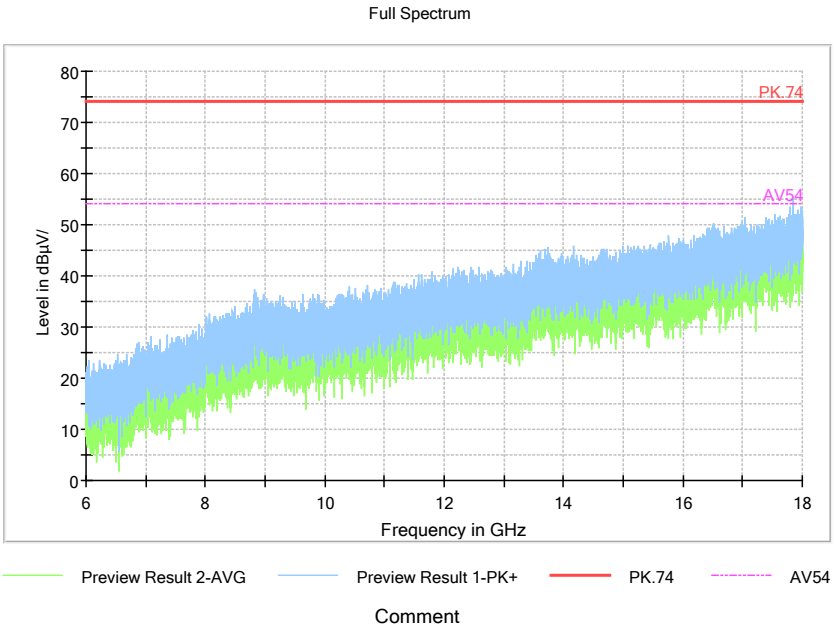
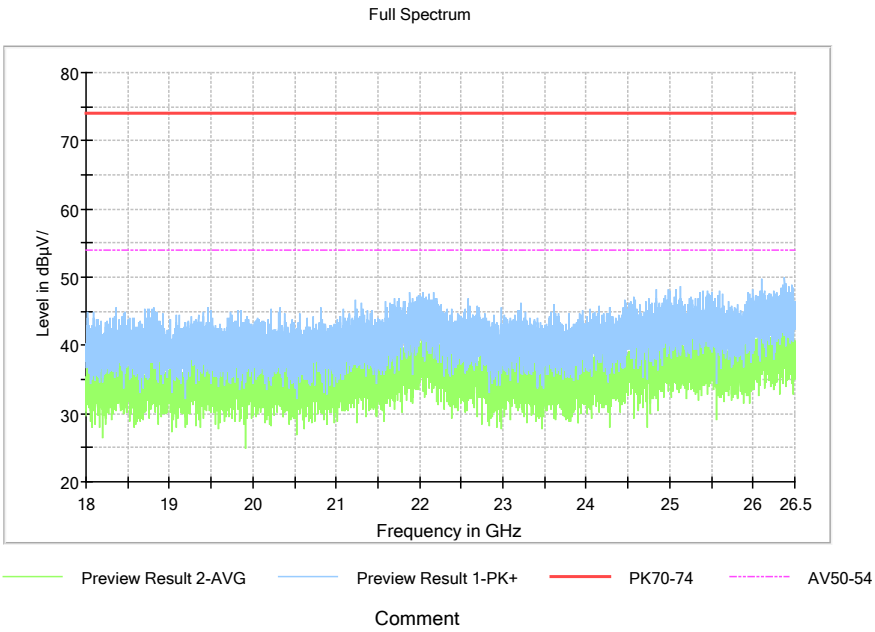


Pic11. Radiated emission (6GHz –18GHz)

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



Pic12. Radiated emission (18GHz –26GHz)

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

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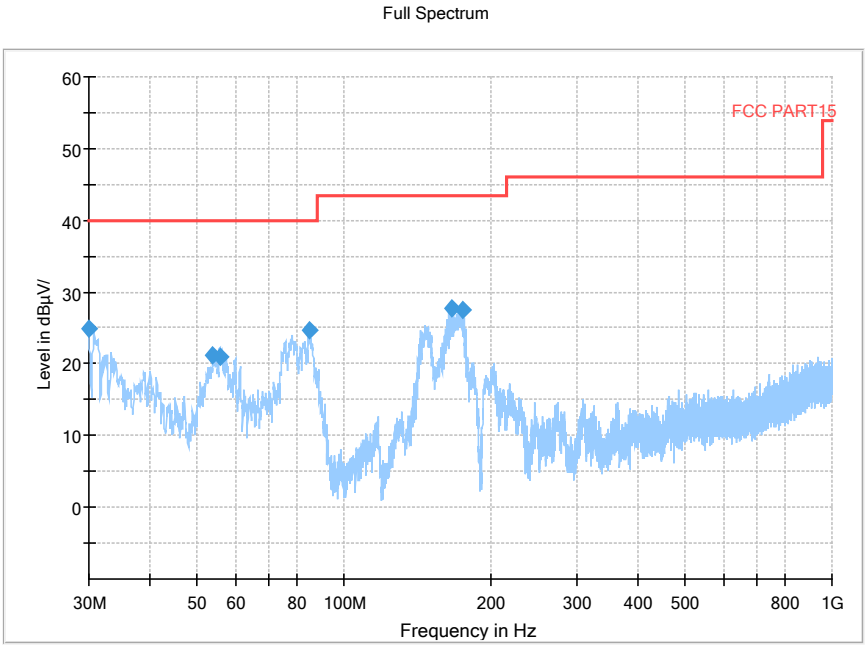
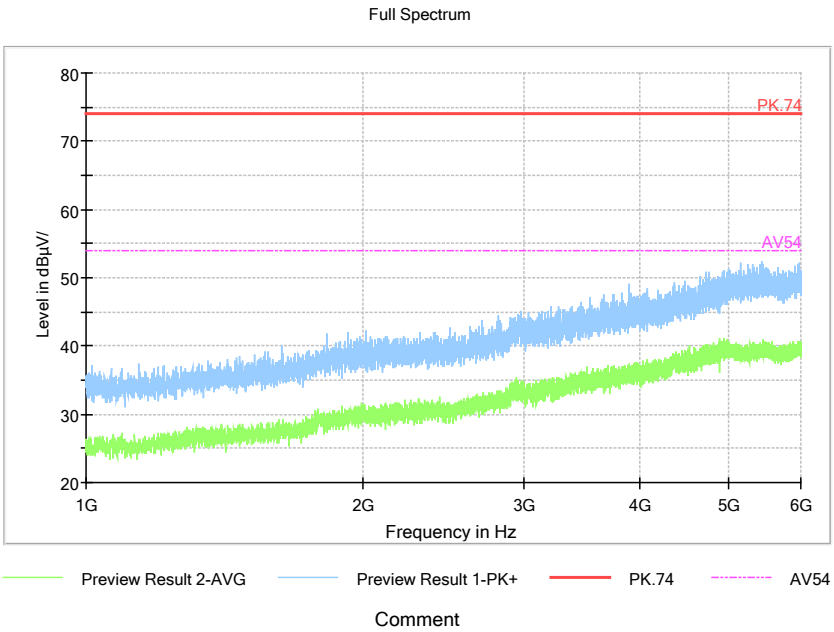
EUT2+charger: refer to Pic13 to Pic16



Pic13. Radiated emission (30MHz – 1GHz)

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



Pic14. Radiated emission (1GHz –6GHz)

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

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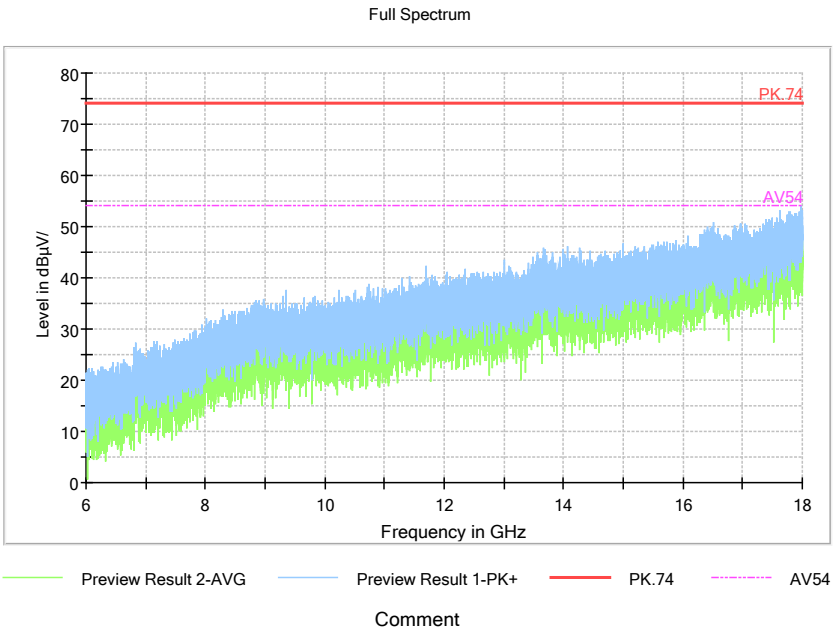
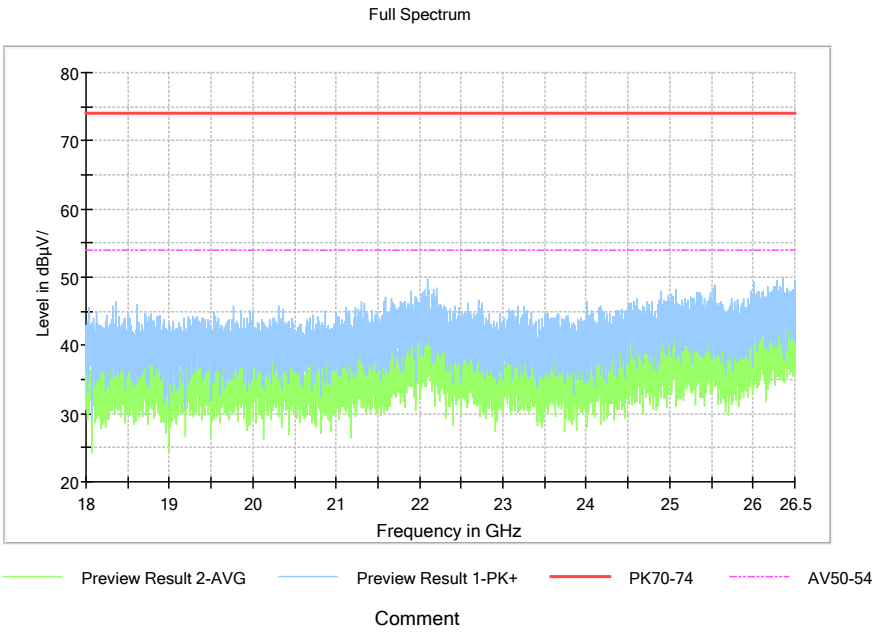


Pic15. Radiated emission (6GHz –18GHz)

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



Pic16. Radiated emission (18GHz –26GHz)

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

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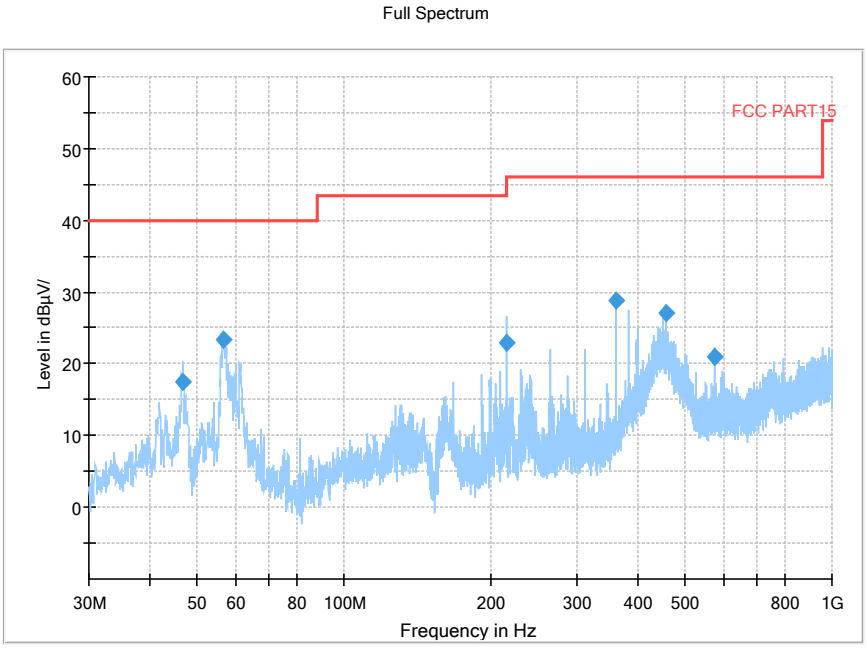
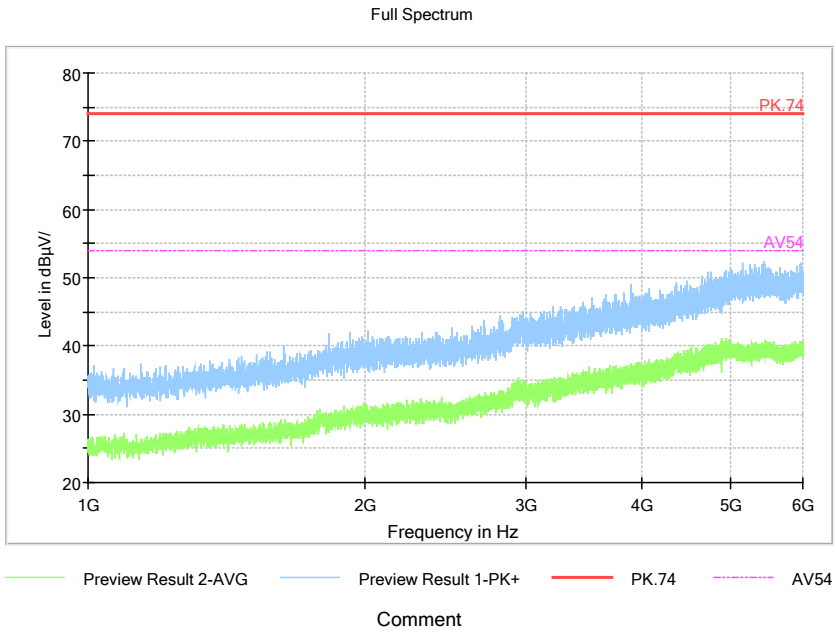
EUT1+ Laptop: refer to Pic17 to Pic20



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

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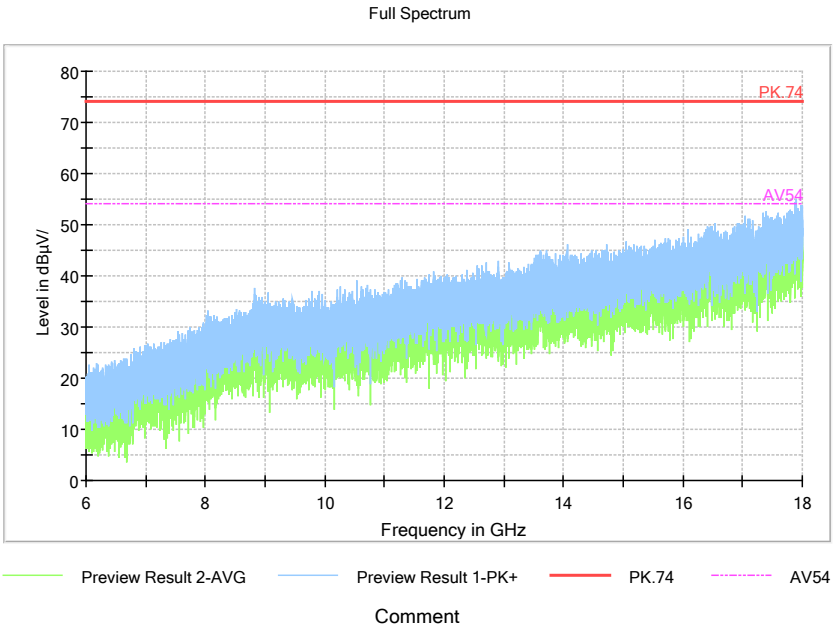
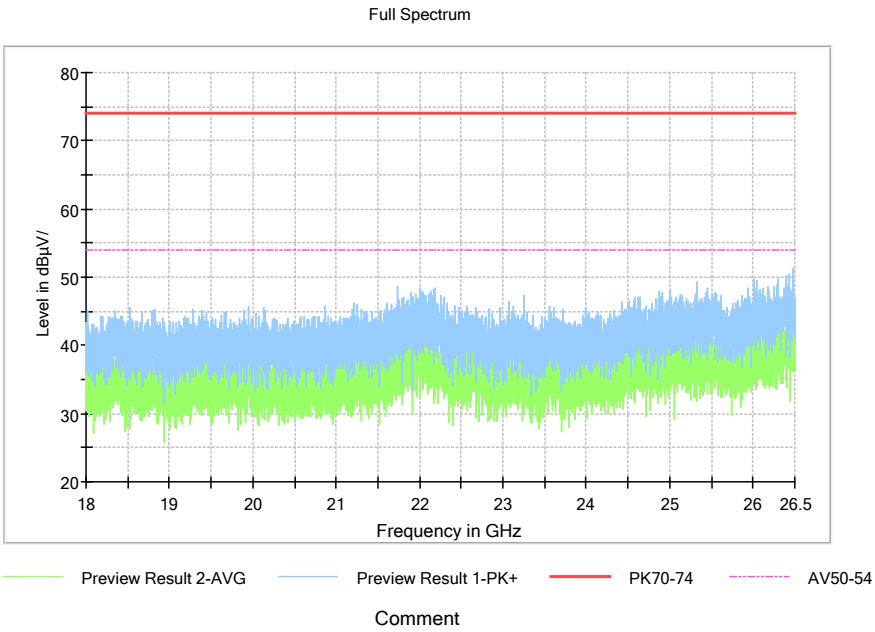


Pic19. Radiated emission (6GHz –18GHz)

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



Pic20. Radiated emission (18GHz –26GHz)

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

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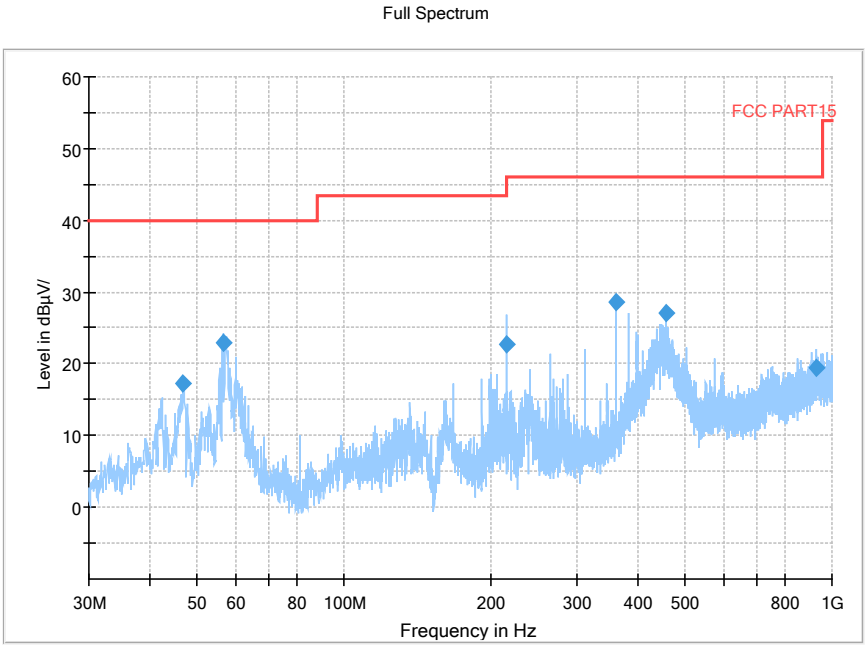
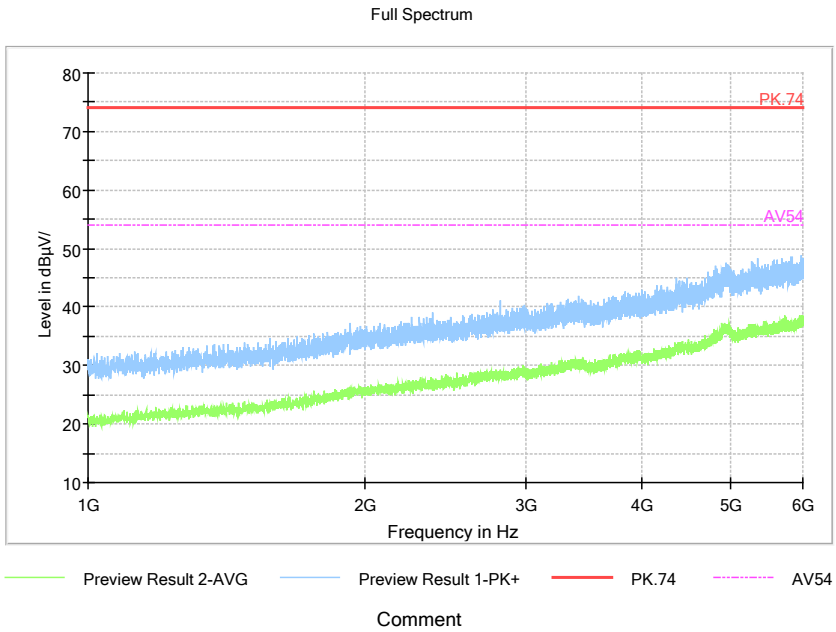
EUT3+Laptop: refer to Pic21 to Pic24



Pic21. Radiated emission (30MHz – 1GHz)

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



Pic22. Radiated emission (1GHz –6GHz)

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

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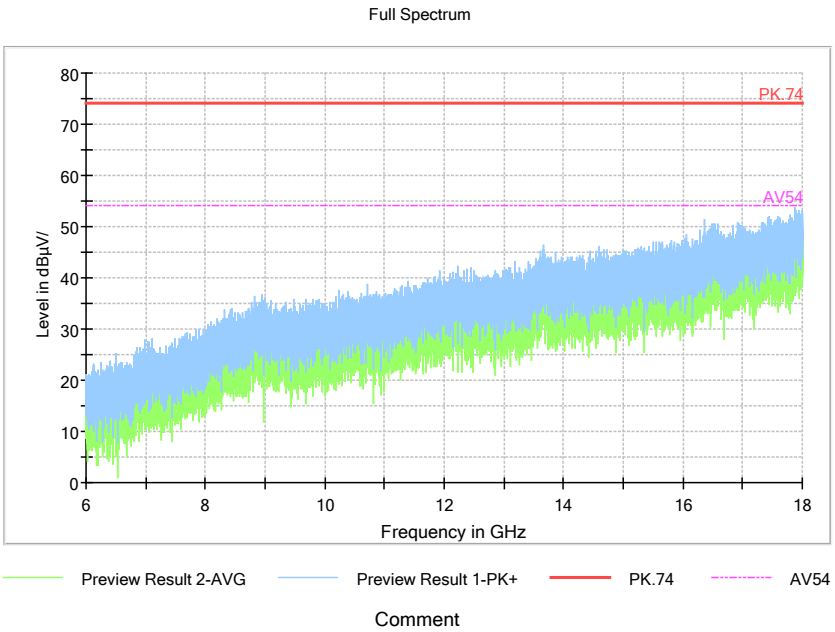
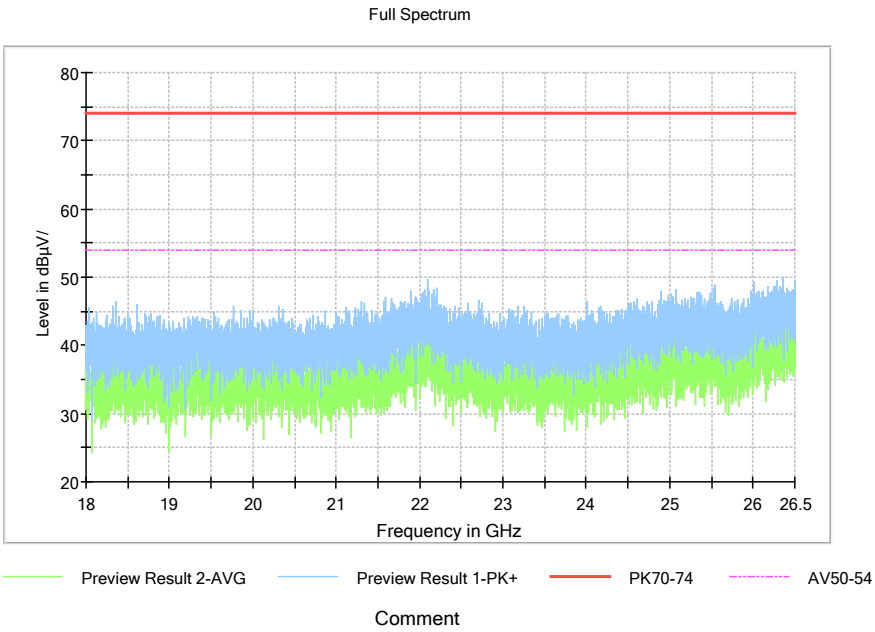


Pic23. Radiated emission (6GHz –18GHz)

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



Pic24. Radiated emission (18GHz –26GHz)

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

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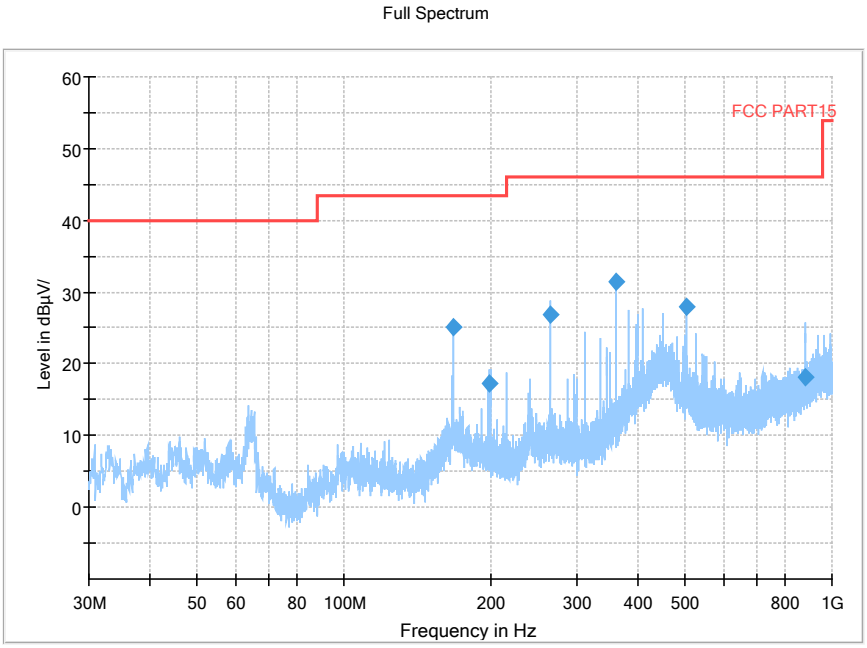
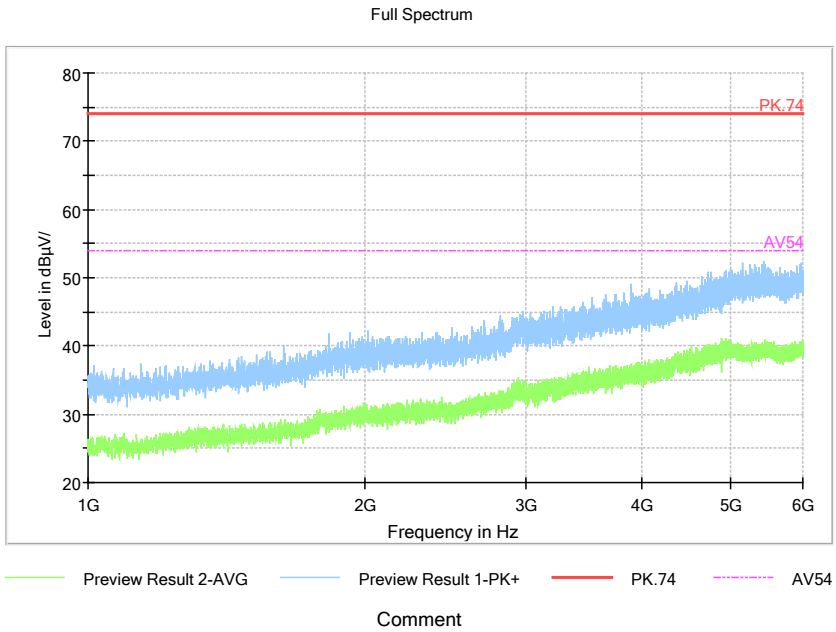
EUT4+ Laptop: refer to Pic25 to Pic28



Pic25. Radiated emission (30MHz – 1GHz)

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



Pic26. Radiated emission (1GHz –6GHz)

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

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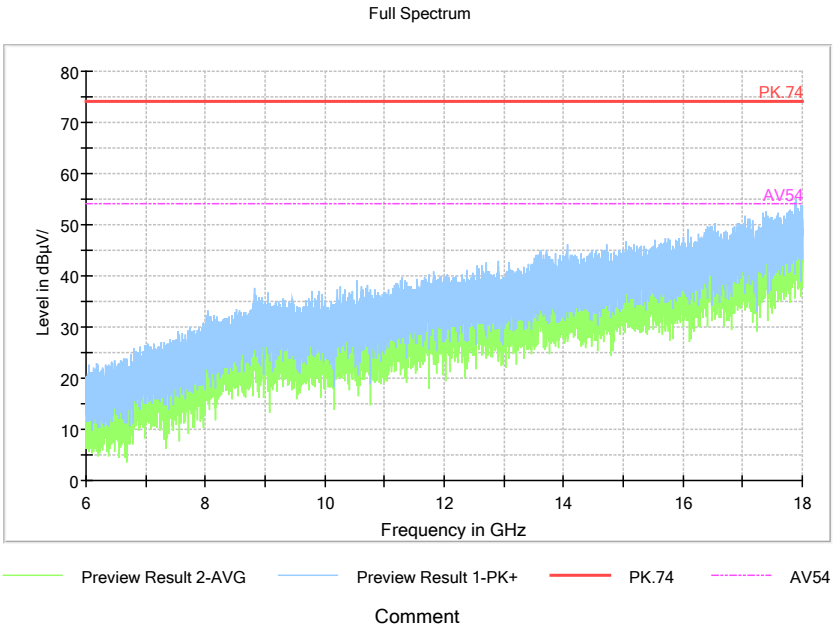
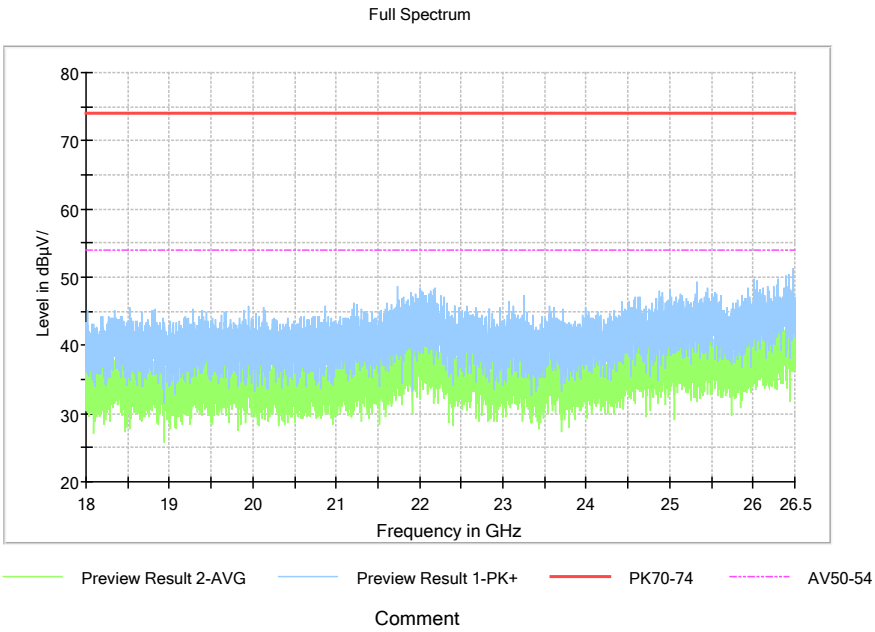


Pic27. Radiated emission (6GHz –18GHz)

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



Pic28. Radiated emission (18GHz –26GHz)

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

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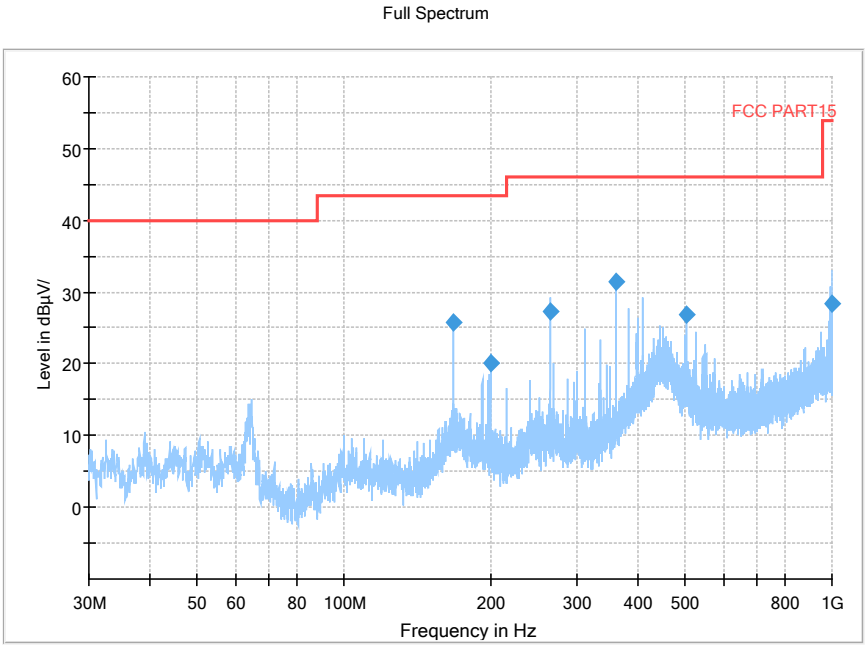
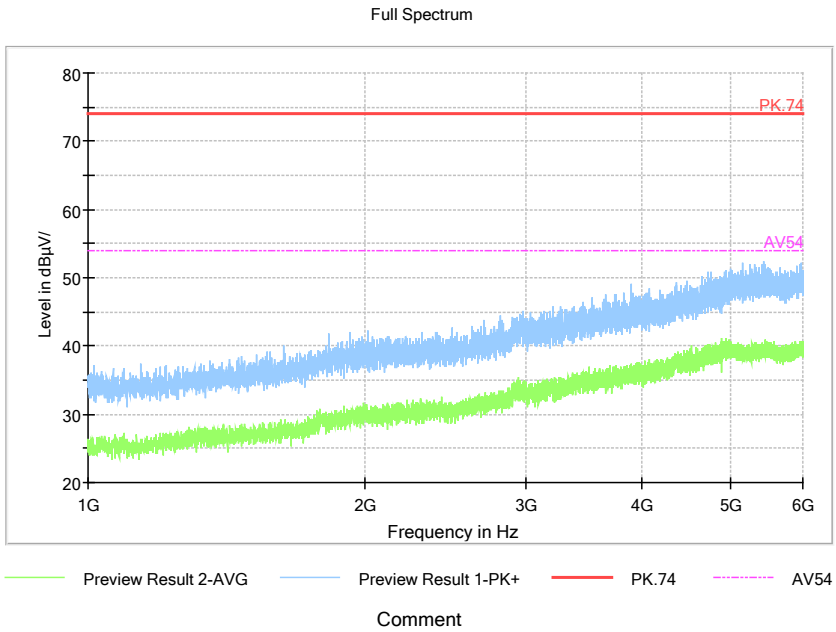
EUT5+ Laptop: refer to Pic29 to Pic32



Pic29. Radiated emission (30MHz – 1GHz)

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



Pic30. Radiated emission (1GHz –6GHz)

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

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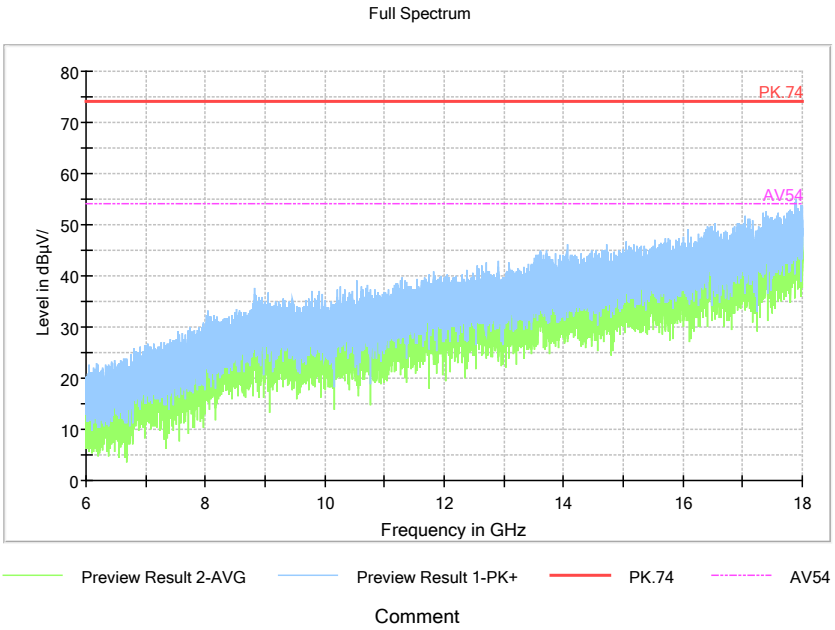
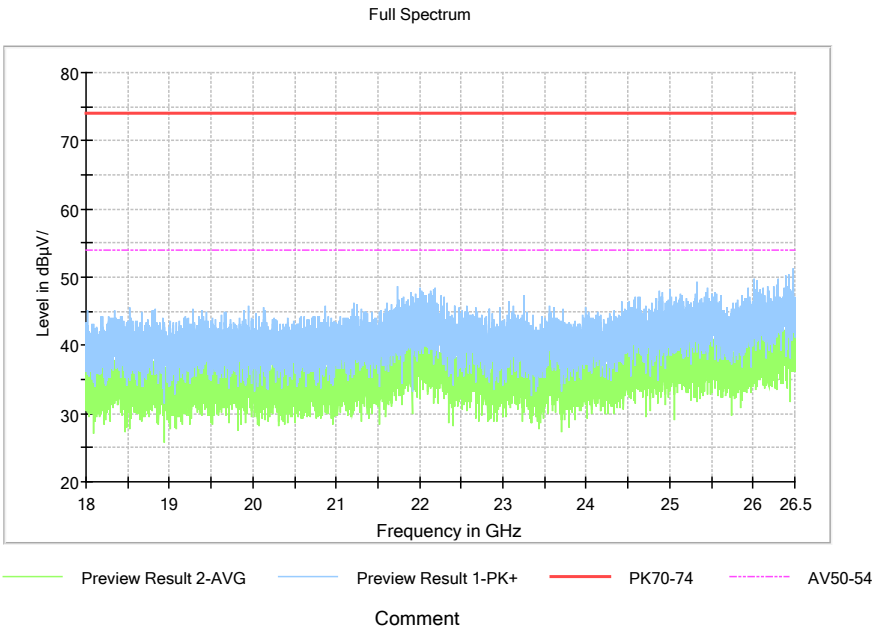


Pic31. Radiated emission (6GHz –18GHz)

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



Pic32. Radiated emission (18GHz –26GHz)

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	-----	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----------

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