TEST REPORT

Applicant:	Sony Corporation
EUT Description:	GSM/WCDMA/LTE Phone with BT, DTS/UNII a/b/g/n/ac, NFC and GNSS
Brand:	Sony
FCC ID:	PY7-64228M
Standards:	FCC 47 CFR Part 15 Subpart B
Date of Receipt:	2023/11/14
Date of Test:	2023/11/14 to 2024/01/05
Date of Issue:	2024/01/08

TOWE. tested the above equipment in accordance with the requirements set forth in the above standards. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

the results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. It is the manufacturer's responsibility to assure that additional production units of the model are manufactured with identical electrical and mechanical components. All sample tested were in good operating condition throughout the entire test program. Measurement Uncertainties are published for informational purposes only and were not taken into account unless noted otherwise. without written approval of TOWE, the test report shall not be reproduced except in full.

ACCREDITED
CERTIFICATE #7088.01

Huang Kun
Approved By:

Ou Shuyan
Reviewed By:

Revision History

Rev.	Issue Date	Description	Revised by
01	2024/01/08	Original	Ou Shuyan

Summary of Test Results

Clause	Test Items	Test Standard	Result
4.1	AC Conducted Emissions	§15.107	PASS
4.2	Radiated Emissions	§15.109	PASS
Test Method: ANSI C63.4-2014 Remark: Pass is EUT meets standard requirements.			

Table of Contents

1 General Description

1.1 Lab Information

1.1.1 Testing Location

These measurements tests were conducted at the Sushi TOWE Wireless Testing(Shenzhen) Co., Ltd. facility located at F401 and F101, Building E, Hongwei Industrial Zone, Liuxian 3rd Road, Bao'an District, Shenzhen, China. The measurement facility is compliant with the test site requirements specified in ANSI C63.4-2014
Tel.: +86-755-27212361
Contact Email: info@towewireless.com

1.1.2 Test Facility / Accreditations

A2LA (Certificate Number: 7088.01)
This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).

FCC Designation No.: CN1353
Sushi TOWE Wireless Testing(Shenzhen) Co., Ltd. has been recognized as an accredited testing laboratory. Designation Number: CN1353.

ISED CAB identifier: CN0152
Sushi TOWE Wireless Testing(Shenzhen) Co., Ltd. has been recognized by ISED as an accredited testing laboratory.
CAB identifier: CN0152
Company Number: 31000

1.2 Client Information

1.2.1 Applicant

Applicant:	Sony Corporation
Address:	1-7-1 Konan Minato-ku Tokyo, 108-0075 Japan

1.2.2 Manufacturer

Manufacturer:	Sony Corporation
Address:	1-7-1 Konan Minato-ku Tokyo, 108-0075 Japan

1.3 Product Information

EUT Description:	GSM/WCDMA/LTE Phone with BT, DTS/UNII a/b/g/n/ac, NFC and GNSS		
Brand:	Sony		
Hardware Version:	A		
Software Version:	1.78		
SN.:	HQ63B1038C		
Frequency Bands:	Frequency Bands:	Tx Frequency (MHz)	Rx Frequency (MHz)
	GSM850	824~849	869~894
	GSM1900	1850~1910	1930~1990
	WCDMA Band IV	1710~1755	2110~2155
	WCDMA Band V	824~849	869~894
	LTE Band 4	1710~1755	2110~2155
	LTE Band 5	824~849	869~894
	LTE Band 41	2496~2690	2496~2690
	Bluetooth	2402~2480	2402~2480
	Wi-Fi 2.4G	2412~2462	2412~2462
	Wi-Fi 5G	5150~5850	5150~5850
	NFC	13.56	13.56
	GNSS (GPS+Glonass + Galileo + Beidou)	/	1559~1610
Remark: The above EUT's information was declared by applicant, please refer to the specifications or user's manual for more detailed description.			

2 Test Configuration During Test

2.1 Support Unit used in test

Description	Manufacturer	Model	Serial Number
Laptop	DELL	Latitude 5520	C196418CAB1C
Remark: *the information is provided by applicant.			

2.2 Accessory

Name	Model	Length (cm)	Shielded (Y/N)	Manufacturer
Adapter	XQZ-UC1	/	/	Sony Corporation
USB Cable 1	XQZ-UB1	100	Y	Sony Corporation
USB Cable 2	UCB20	100	Y	Sony Corporation
Earphone	MDR-EX15AP	125	/	Sony Corporation

2.3 Test Environment

Temperature:	Normal: 15℃ ~ 35℃
Humidity:	40-75 % RH Ambient
Test Voltage:	AC 120V/60Hz
Remark: The testing environment is within the scope of the EUT user manual and meets the requirements of the standard testing environment.	

2.4 Modifications

No modifications were made during testing.

2.5 EUT Test Mode

Test Items	Test mode
AC Conducted Emissions	Mode1: Charging(Adapter) + Camera(Rear) + Earphone Mode2: Charging(Adapter) + Camera(Front) + Earphone Mode3: Charging(Adapter) + MP4 Playing + Earphone(worst case for JBP) Mode4: USB data communication with PC + Earphone Mode5: Charging(Adapter) + GSM 850 idle + Earphone Mode6: Charging(Adapter) + WCDMA Band V RX + Earphone(worst case for CXX) Mode7: Charging(Adapter) + LTE Band V RX + Earphone Mode8: Charging(Adapter) + Earphone + BT + Wi-Fi + NFC On + GNSS RX
Radiated Emissions	Mode1: Charging(Adapter) + Camera(Rear) + Earphone Mode2: Charging(Adapter) + Camera(Front) + Earphone Mode3: Charging(Adapter) + MP4 Playing + Earphone Mode4: USB data communication with PC + Earphone(worst case for JBP) Mode5: Charging(Adapter) + GSM 850 idle + Earphone Mode6: Charging(Adapter) + WCDMA Band V RX + Earphone Mode7: Charging(Adapter) + LTE Band V RX + Earphone(worst case for CXX) Mode8: Charging(Adapter) + Earphone + BT + Wi-Fi + NFC On + GNSS RX
NOTE	All modes of operation were investigated, and only the worst case emissions are reported.

3 Equipment and Measurement Uncertainty

All test and measuring equipment utilized to perform the tests documented in this report are calibrated on a regular basis, whichever is less, and where applicable is traceable to recognized national standards.

3.1 Test Equipment List

Radiated Emission					
Description	**Manufacturer**	**Model**	**S.N.**	**Last Due**	**Cal Due**
Biconic Logarithmic Periodic Antennas	Schwarzbeck	VULB9163	1643	2023/06/25	2025/06/24
Double-Ridged Horn Antennas	Schwarzbeck	BBHA 9120D	2809	2023/06/25	2025/06/24
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	1290	2023/06/25	2025/06/24
Signal Analyzer	Keysight	N9020A	MY49100252	2023/04/08	2024/04/07
EMI Tester Receiver	Rohde & Schwarz	ESR7	102719	2023/08/17	2024/08/16
Wideband Radio Communication Tester	Rohde & Schwarz	CMW500	150645	2023/04/08	2024/04/07
Low Noise Amplifier	Tonscend	TAP9K3G40	AP23A8060273	2023/04/08	2024/04/07
Low Noise Amplifier	Tonscend	TAP01018050	AP22G806258	2023/04/08	2024/04/07
Band Reject Filter Group	Townshend	JS0806-F	23A806F0652	N/A	N/A
Test Software	Tonscend	TS+	Version: 5.0.0	N/A	N/A

Conducted Emission					
Description	**Manufacturer**	**Model**	**S.N.**	**Last Due**	**Cal Due**
EMI Tester Receiver	Rohde & Schwarz	ESR3	103108	2023/07/28	2024/07/27
LISN	Rohde & Schwarz	ENV 216	102836	2023/04/08	2024/04/07
Test software	Rohde & Schwarz	ELEKTRA v4.61	N/A	N/A	N/A

3.2 Measurement Uncertainty

Parameter	U_{lab}
Conducted Emissions(150KHz~30MHz)	2.43dB
Radiated Emissions(30MHz~1000MHz)	4.66dB
Radiated Emissions(1GHz~18GHHz)	5.42dB
Radiated Emissions(18GHz~40GHHz)	5.46dB

Uncertainty figures are valid to a confidence level of 95%

4 Test Results

4.1 AC Conducted Emissions

Limits

Frequency range (MHz)	Limit (dBμV)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50
* Decreases with the logarithm of the frequency.		

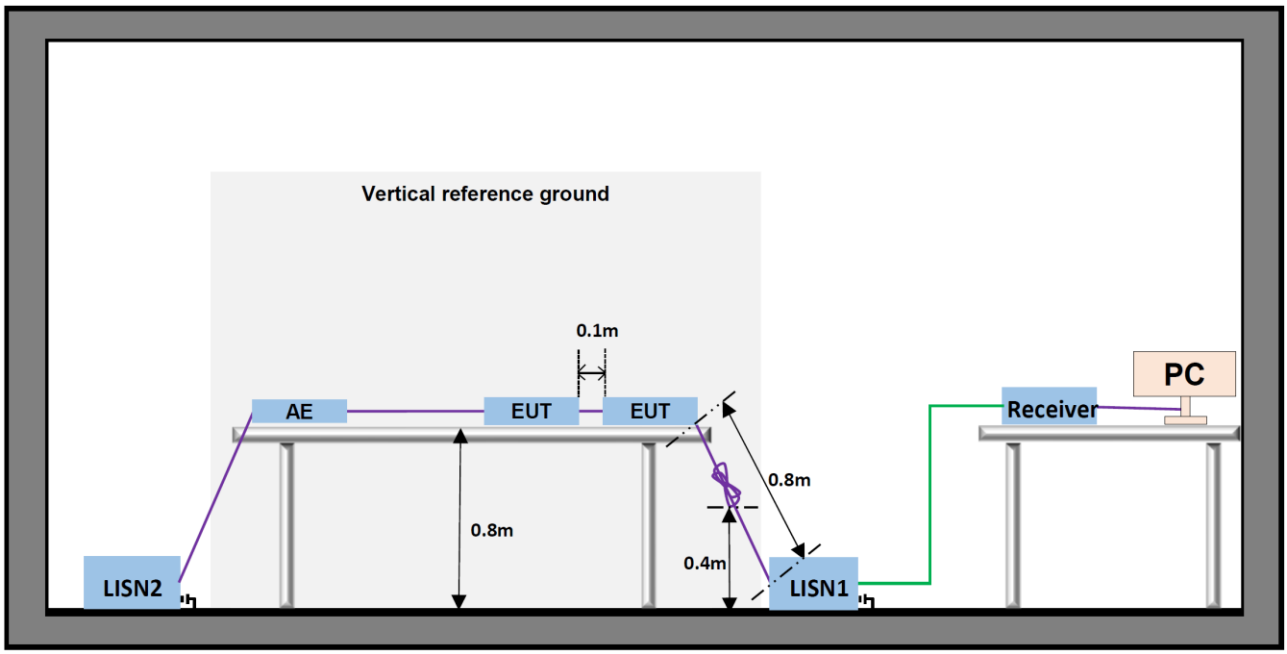
Test Procedure

ANSI C63.4-2014.

Test Settings

1. The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a 50Ω/50μH + 5Ω linear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded.
2. The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane.
3. The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN 1 was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other units of the EUT and associated equipment was at least 0.8 m from the LISN 2.
4. Set the test-receiver system to Peak detect function and specified bandwidth (if bandwidth =9kHz) with maximum hod mode. Then measurement is also conducted by average detector and Quasi-Peak detector function respectively.
5. Both sides of AC line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.4 on conducted measurement.

Test Setup

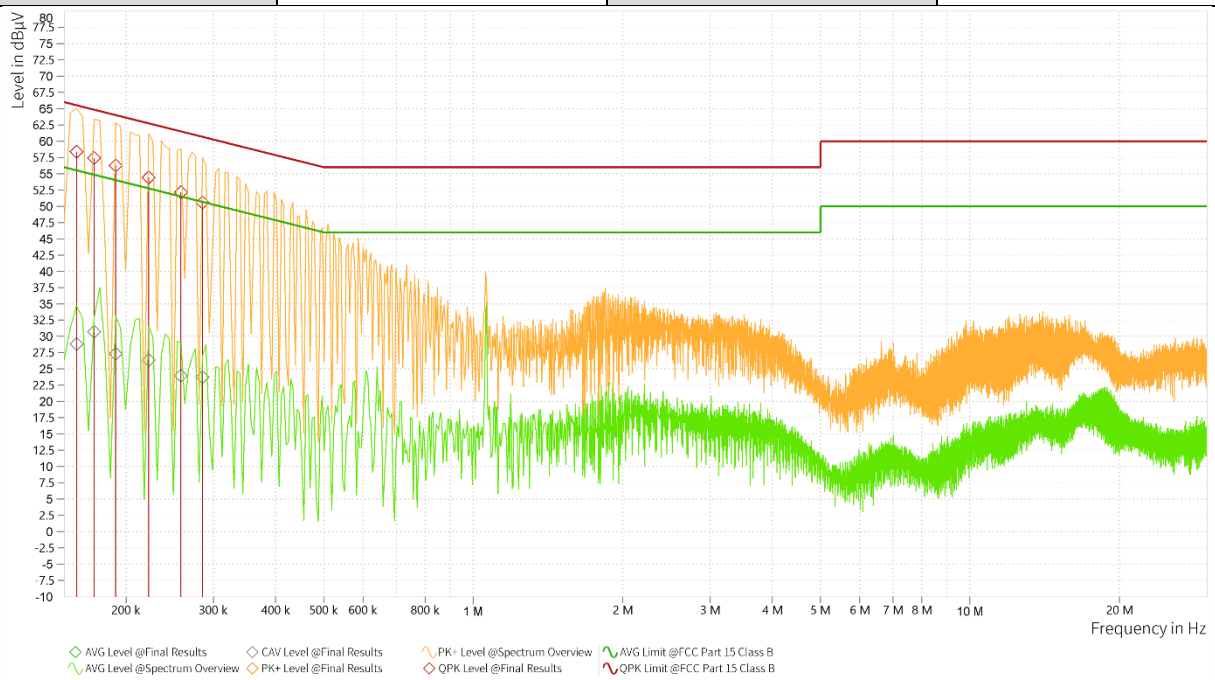


Measuring Instruments

The measuring equipment is listed in the section 3.1 of this test report.

Test Result:

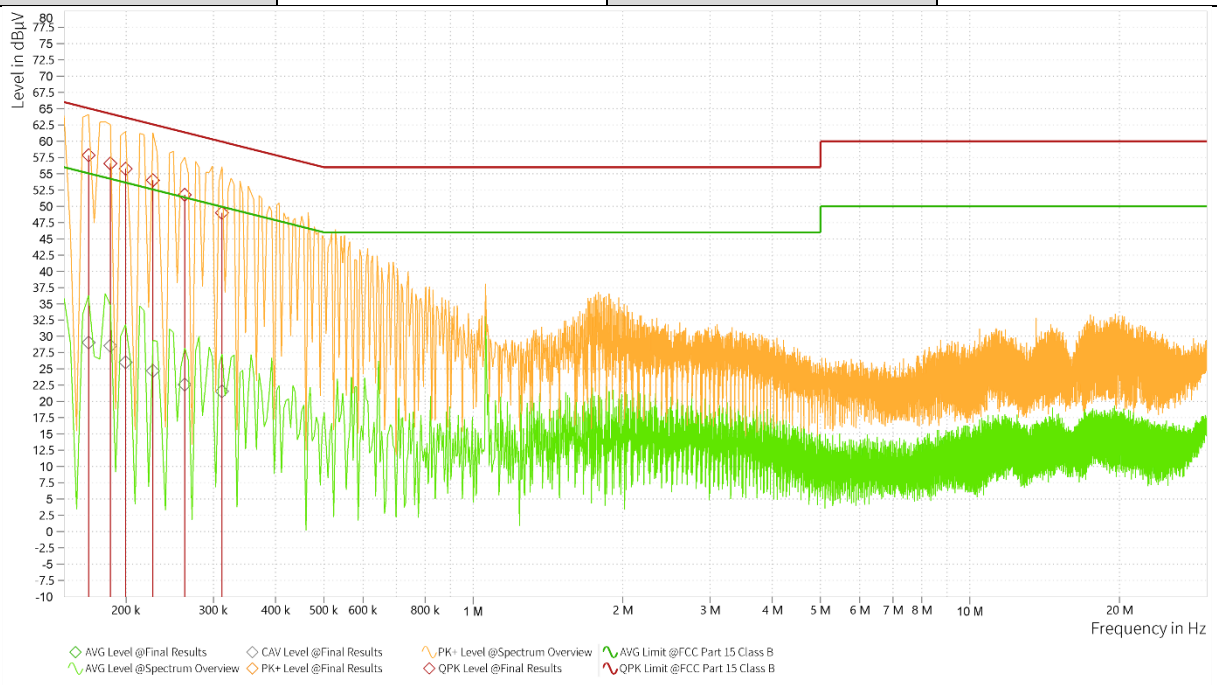
Final Test mode:	Mode 3		
Test Voltage:	AC 120V / 60Hz	Phase:	Line



Frequency [MHz]	CAV Level [dBµV]	CAV: AVG Limit [dBµV]	CAV Margin [dB]	CAV Raw Lvl [dBµV]	QPK Level [dBµV]	QPK Limit [dBµV]	QPK Margin [dB]	QPK Raw Lvl [dBµV]	Correction [dB]	Line
0.159	28.83	55.52	26.68	18.35	58.39	65.52	7.12	47.91	10.48	L1
0.173	30.71	54.84	24.13	20.22	57.43	64.84	7.41	46.94	10.49	L1
0.191	27.33	54.01	26.68	16.84	56.24	64.01	7.77	45.75	10.49	L1
0.222	26.36	52.74	26.38	15.87	54.40	62.74	8.34	43.91	10.50	L1
0.258	23.96	51.50	27.53	13.47	52.14	61.50	9.35	41.65	10.49	L1
0.285	23.74	50.67	26.92	13.21	50.55	60.67	10.12	40.02	10.53	L1

Note:
1. The following Quasi-Peak and Average measurements were performed on the EUT:
2. Level = Raw Lvl [dBµV] + Correction (LISN factor[dB] + Cable loss[dB]).
3. Margin=Limit - Level

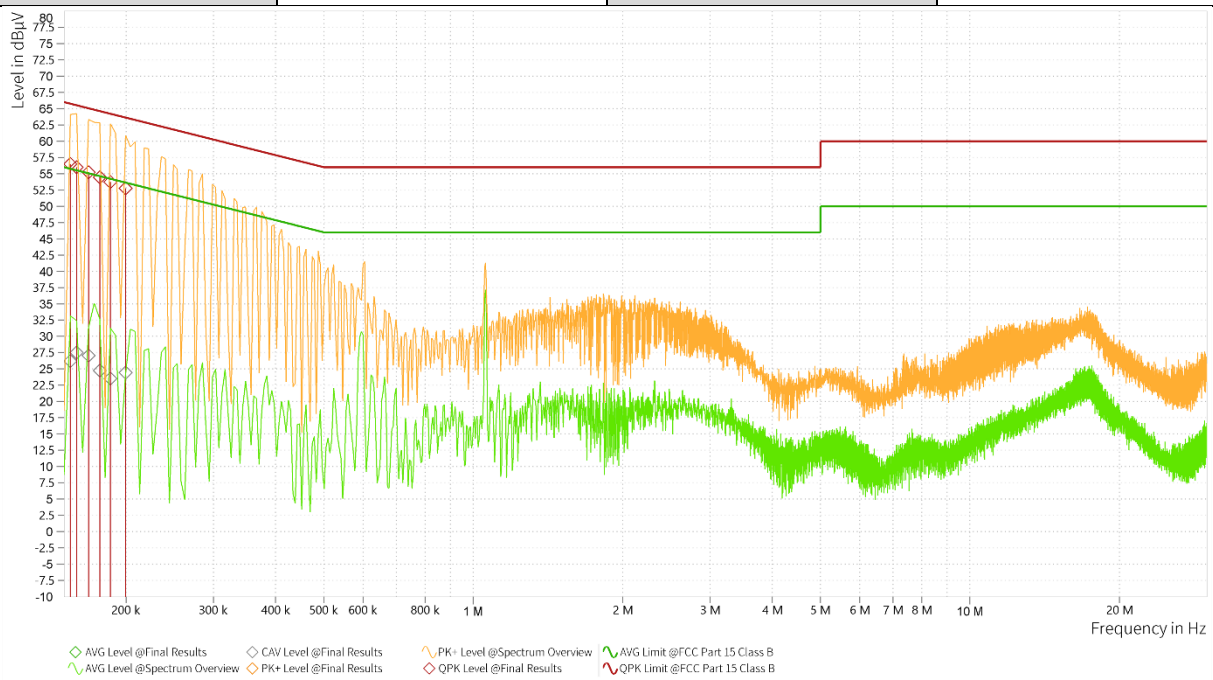
Final Test mode:	Mode 3		
Test Voltage:	AC 120V / 60Hz	Phase:	Neutral



Frequency [MHz]	CAV Level [dBµV]	CAV: AVG Limit [dBµV]	CAV Margin [dB]	CAV Raw Lvl [dBµV]	QPK Level [dBµV]	QPK Limit [dBµV]	QPK Margin [dB]	QPK Raw Lvl [dBµV]	Correction [dB]	Line
0.168	29.07	55.06	25.99	18.65	57.85	65.06	7.21	47.43	10.42	N
0.186	28.55	54.21	25.66	18.14	56.55	64.21	7.66	46.14	10.41	N
0.200	26.00	53.63	27.63	15.60	55.76	63.63	7.87	45.36	10.40	N
0.227	24.71	52.58	27.87	14.31	54.00	62.58	8.58	43.60	10.40	N
0.263	22.61	51.35	28.74	12.20	51.74	61.35	9.61	41.34	10.40	N
0.312	21.56	49.92	28.36	11.14	48.97	59.92	10.95	38.55	10.42	N

Note:
1. The following Quasi-Peak and Average measurements were performed on the EUT:
2. Level = Raw Lvl [dBµV] + Correction (LISN factor[dB] + Cable loss[dB]).
3. Margin=Limit - Level

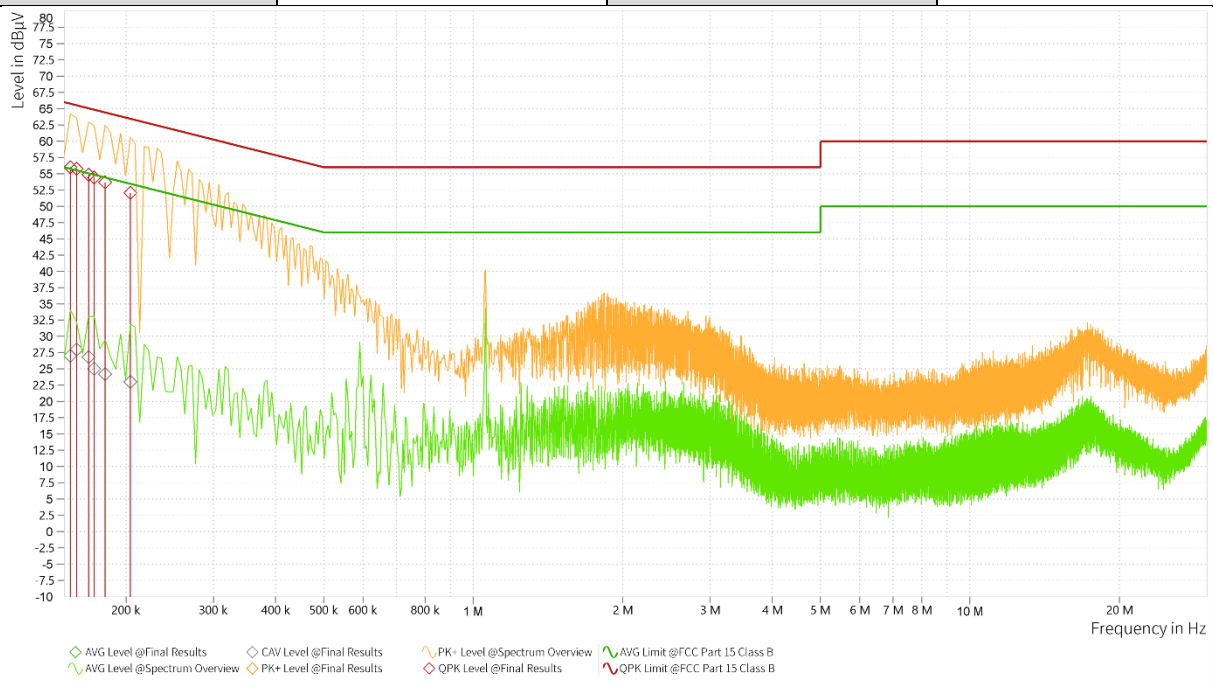
Final Test mode:	Mode 6		
Test Voltage:	AC 120V / 60Hz	Phase:	Line



Frequency [MHz]	CAV Level [dBµV]	CAV: AVG Limit [dBµV]	CAV Margin [dB]	CAV Raw Lvl [dBµV]	QPK Level [dBµV]	QPK Limit [dBµV]	QPK Margin [dB]	QPK Raw Lvl [dBµV]	Correction [dB]	Line
0.155	26.20	55.75	29.55	15.72	56.49	65.75	9.26	46.01	10.48	L1
0.159	27.51	55.52	28.01	17.03	55.97	65.52	9.54	45.49	10.48	L1
0.168	27.06	55.06	28.00	16.57	55.22	65.06	9.83	44.74	10.48	L1
0.177	24.73	54.63	29.90	14.23	54.46	64.63	10.17	43.96	10.49	L1
0.186	23.52	54.21	30.70	13.03	53.73	64.21	10.49	43.24	10.49	L1
0.200	24.44	53.63	29.19	13.94	52.74	63.63	10.89	42.25	10.49	L1

Note:
1. The following Quasi-Peak and Average measurements were performed on the EUT:
2. Level = Raw Lvl [dBµV] + Correction (LISN factor[dB] + Cable loss[dB]).
3. Margin=Limit - Level

Final Test mode:	Mode 6		
Test Voltage:	AC 120V / 60Hz	Phase:	Neutral



Frequency [MHz]	CAV Level [dBµV]	CAV: AVG Limit [dBµV]	CAV Margin [dB]	CAV Raw Lvl [dBµV]	QPK Level [dBµV]	QPK Limit [dBµV]	QPK Margin [dB]	QPK Raw Lvl [dBµV]	Correction [dB]	Line
0.155	27.00	55.75	28.75	16.57	56.00	65.75	9.75	45.57	10.43	N
0.159	27.96	55.52	27.56	17.54	55.77	65.52	9.75	45.35	10.42	N
0.168	26.81	55.06	28.25	16.39	54.82	65.06	10.24	44.40	10.42	N
0.173	25.00	54.84	29.84	14.58	54.40	64.84	10.43	43.98	10.42	N
0.182	24.21	54.42	30.21	13.80	53.69	64.42	10.73	43.27	10.41	N
0.204	23.03	53.45	30.42	12.62	52.06	63.45	11.38	41.66	10.40	N

Note:
1. The following Quasi-Peak and Average measurements were performed on the EUT:
2. Level = Raw Lvl [dBµV] + Correction (LISN factor[dB] + Cable loss[dB]).
3. Margin=Limit - Level

4.2 Radiated Emissions

Limits

Frequency	Field strength (μV/m)	Limit (dBμV/m)	Remark	Measurement distance (m)
30MHz-88MHz	100	40.0	Quasi-peak	3
88MHz-216MHz	150	43.5	Quasi-peak	3
216MHz-960MHz	200	46.0	Quasi-peak	3
960MHz-1GHz	500	54.0	Quasi-peak	3
Above 1GHz	500	74.0	Peak	3
		54.0	Average	

Test Procedure

ANSI C63.4:2014

Test Settings

1. For radiated emissions measurements performed at frequencies less than or equal to 1GHz, the EUT shall be placed on a RF-transparent table or support at a nominal height of 80cm above the reference ground plane.
2. For radiated emissions measurements performed at frequencies above 1GHz, the EUT shall be placed on a RF-transparent table or support at a nominal height of 80cm above the ground plane.
3. Radiated measurements shall be made with the measurement antenna positioned in both horizontal and vertical polarization. The measurement antenna shall be varied from 1m to 4m in height above the reference ground in a search for the relative positioning that produces the maximum radiated signal level (i.e, field strength or received power), when orienting the measurement antenna in vertical polarization, the minimum height of the lowest element of the antenna shall clear the site reference ground plane by at least 25cm.
4. For each suspected emission, the EUT was ranged to its worst case and then tune the antenna tower(from 1~4m) and turntable(from 0~360°) to find the maximum reading. Preamplifier and a high pass filter are used for the test in order to get better signal level to comply with the guidelines.
5. Exploratory radiated emissions testing of handheld and/or body-worn devices shall include0rotation of the EUT through three orthogonal axes (X/YIZ Plane) to determine the orientation(attitude) that maximizes the emissions.
6. For measurements below 1GHz the resolution bandwidth is set to 100kHz for peak detection measurements or 120kHz for Quasi-peak detection measurements in the 30~1000MHz range.
7. For measurements above 1GHz the resolution bandwidth is set to 1MHz and the video resolution is set to 3MHz, the peak emission measurement will be measured by the peak detector, the average emission measurement will be measured by the average detector.
8. The field strength is calculated by adding the Antenna Factor, Cable Factor. The basic equation with a sample calculation is as follows:

   Level = Reading(dBμV) + AF(dB/m) + Factor(dB):

   AF = Antenna Factor(dB/m)

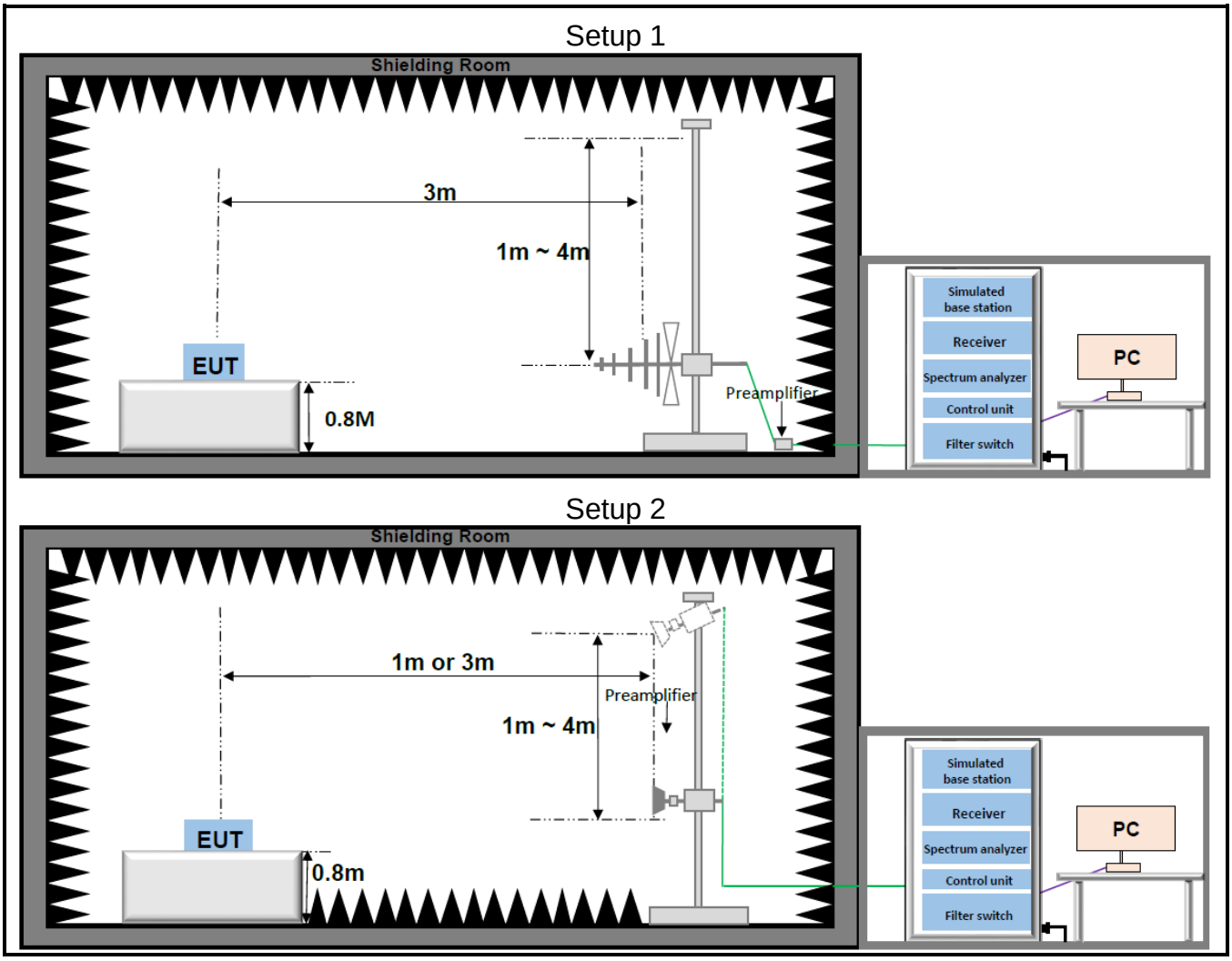
   Factor = Cable Factor(dB) - Preamplifier gain(dB)

   Margin = Limit(dBμV/m) – Level(dBμV/m)
9. Repeat above procedures until all frequencies measured was complete.
10. Measure and record the results in the test report.

Test notes

1. Radiated emissions were measured from 30MHz - 40GHz to ensure that the provisions of 15.33(b)(1) are satisfied with respect to the upper frequency scanning range. No Spurious emissions were detected within 20dB of the limit above 18GHz.
2. The "/" shown in the following Test Result tables are used to denote a noise floor measurement.

Test Setup

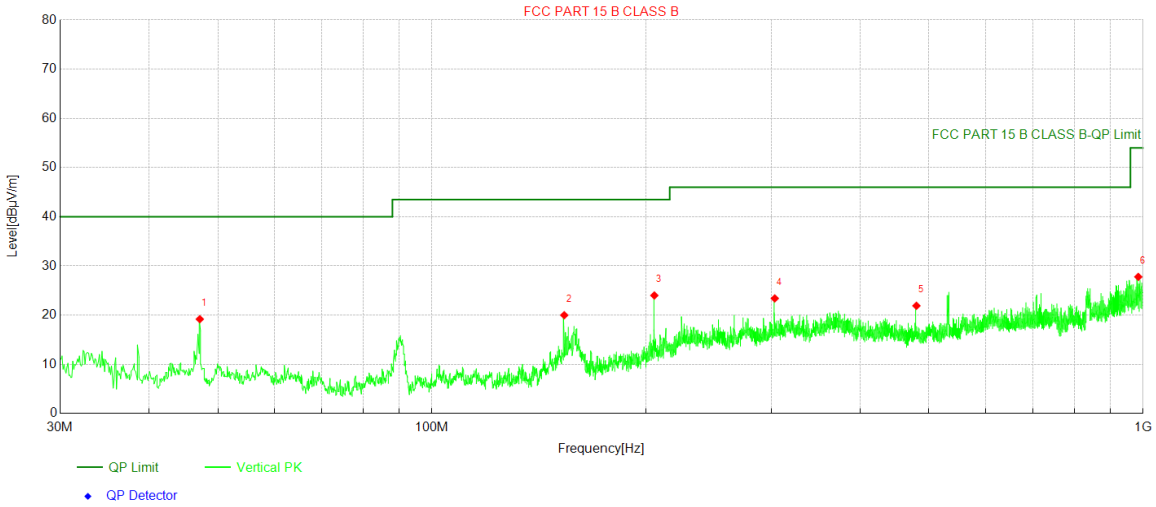


Measuring Instruments

The measuring equipment is listed in the section 3.1 of this test report.

Test Result:

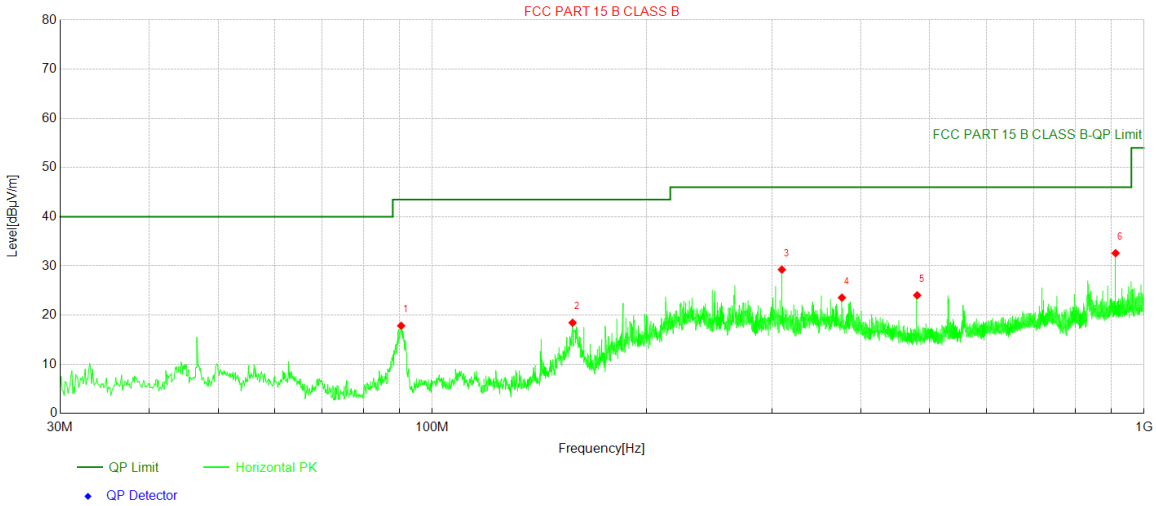
Test Frequency	Below 1000MHz	Final Test mode:	Mode4
Test Voltage:	AC 120V / 60Hz	Polarization:	Vertical



NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	47.169	48.41	-29.23	19.18	40.00	20.82	192	263	PK	Vertical	PASS
2	153.481	52.63	-32.64	19.99	43.50	23.51	142	194	PK	Vertical	PASS
3	205.473	53.52	-29.52	24.00	43.50	19.50	213	7	PK	Vertical	PASS
4	303.443	49.80	-26.40	23.40	46.00	22.60	230	164	PK	Vertical	PASS
5	479.983	43.91	-22.01	21.90	46.00	24.10	199	47	PK	Vertical	PASS
6	984.577	42.23	-14.45	27.78	54.00	26.22	137	317	PK	Vertical	PASS

Note:
1. The Peak measurements were performed on the EUT.
2. Level = Reading(dBµV) + Factor(dB):
3. Factor = Cable Factor(dB) + AF(dB/m) - Preamplifier gain(dB)
4. AF = Antenna Factor(dB/m)
5. Margin = Limit(dBµV/m) - Value(dBµV/m)

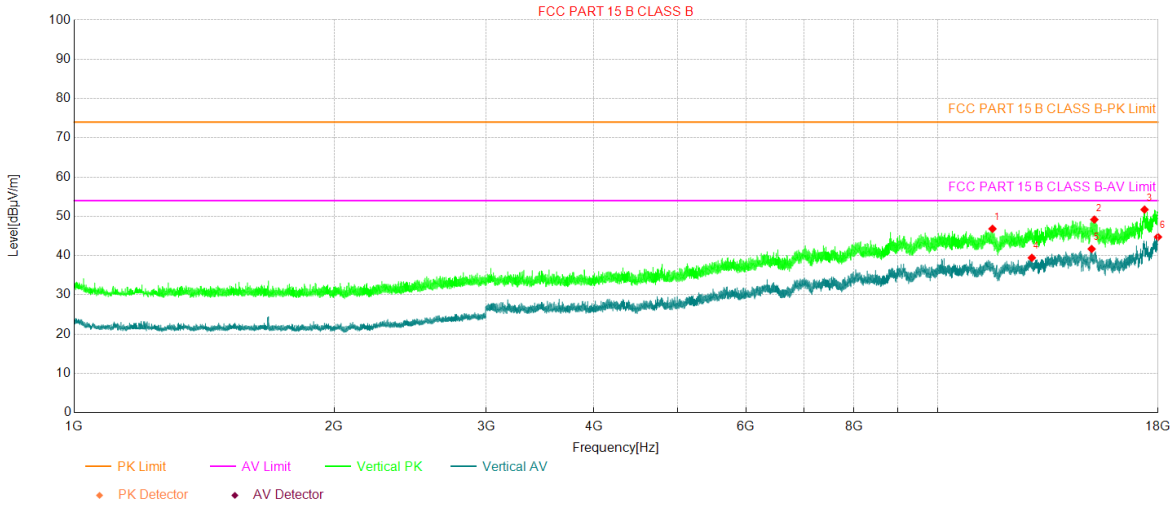
Test Frequency	Below 1000MHz	Final Test mode:	Mode4
Test Voltage:	AC 120V / 60Hz	Polarization:	Horizontal



NO	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdic
1	90.431	49.94	-32.10	17.84	43.50	25.66	216	314	PK	Horizontal	PASS
2	157.458	51.05	-32.60	18.45	43.50	25.05	246	146	PK	Horizontal	PASS
3	309.845	55.39	-26.14	29.25	46.00	16.75	192	323	PK	Horizontal	PASS
4	376.29	47.46	-23.91	23.55	46.00	22.45	186	56	PK	Horizontal	PASS
5	479.983	46.04	-22.01	24.03	46.00	21.97	143	324	PK	Horizontal	PASS
6	912.118	47.33	-14.73	32.60	46.00	13.40	168	239	PK	Horizontal	PASS

Note:
1. The Peak measurements were performed on the EUT.
2. Level = Reading(dBµV) + Factor(dB):
3. Factor = Cable Factor(dB) + AF(dB/m) - Preamplifier gain(dB)
4. AF = Antenna Factor(dB/m)
5. Margin = Limit(dBµV/m) - Value(dBµV/m)

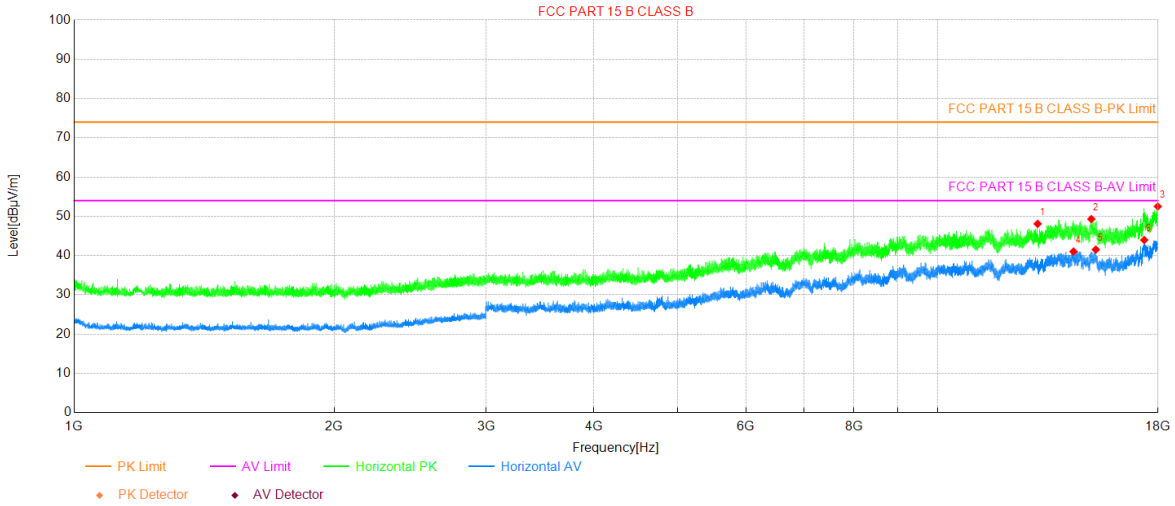
Test Frequency	Above 1000MHz	Final Test mode:	Mode4
Test Voltage:	AC 120V / 60Hz	Polarization:	Vertical



NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	11576	41.75	5.07	46.82	74.00	27.18	/	/	Vertical
2	15188.5	40.95	8.21	49.16	74.00	24.84	/	/	Vertical
3	17363.5	39.39	12.33	51.72	74.00	22.28	/	/	Vertical
4	12856	33.66	5.78	39.44	54.00	14.56	/	/	Vertical
5	15078.5	32.70	8.99	41.69	54.00	12.31	/	/	Vertical
6	17997.5	31.32	13.42	44.74	54.00	9.26	/	/	Vertical

Note:
1. The Peak measurements were performed on the EUT.
2. Level = Reading(dBµV) + Factor(dB):
3. Factor = Cable Factor(dB) + AF(dB/m) - Preamplifier gain(dB)
4. AF = Antenna Factor(dB/m)
5. Margin = Limit(dBµV/m) - Value(dBµV/m)

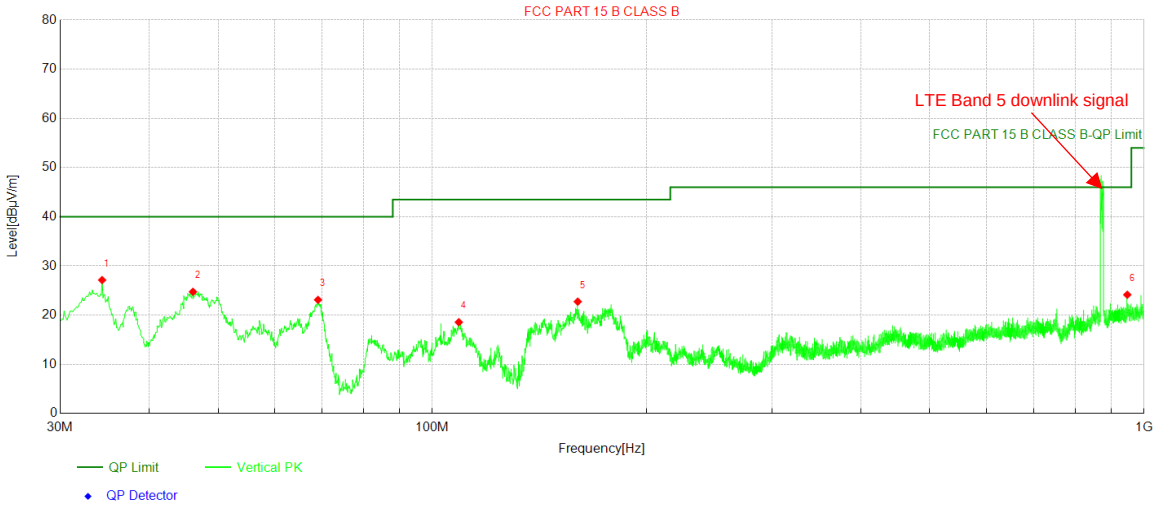
Test Frequency	Above 1000MHz	Final Test mode:	Mode4
Test Voltage:	AC 120V / 60Hz	Polarization:	Horizontal



NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	13057	42.08	6.01	48.09	74.00	25.91	/	/	Horizontal
2	15067	40.35	8.95	49.30	74.00	24.70	/	/	Horizontal
3	17989	39.20	13.31	52.51	74.00	21.49	/	/	Horizontal
4	14367	32.05	8.99	41.04	54.00	12.96	/	/	Horizontal
5	15245.5	32.29	9.24	41.53	54.00	12.47	/	/	Horizontal
6	17351	31.15	12.82	43.97	54.00	10.03	/	/	Horizontal

Note:
1. The Peak measurements were performed on the EUT.
2. Level = Reading(dBµV) + Factor(dB):
3. Factor = Cable Factor(dB) + AF(dB/m) - Preamplifier gain(dB)
4. AF = Antenna Factor(dB/m)
5. Margin = Limit(dBµV/m) - Value(dBµV/m)

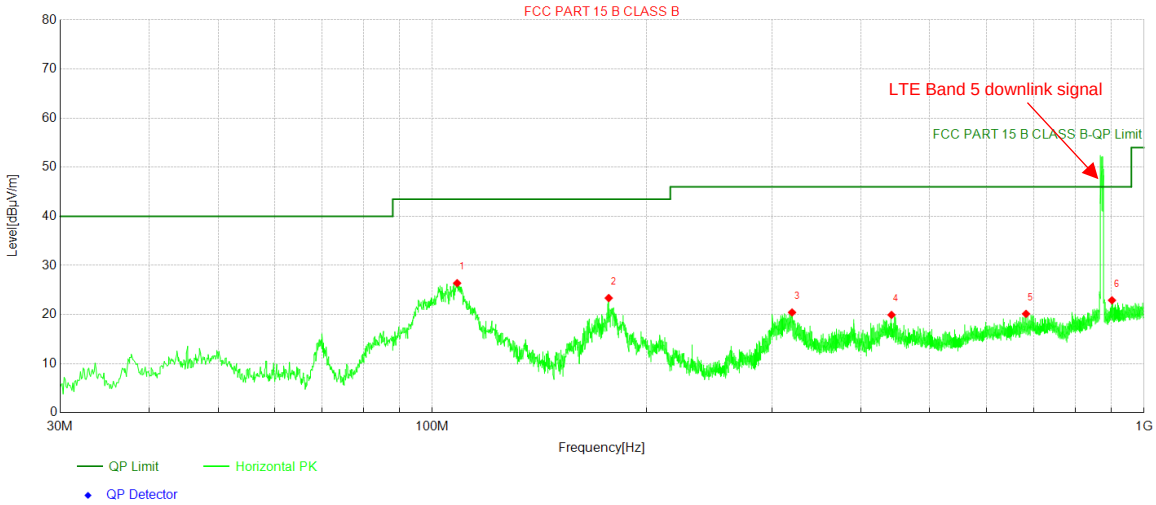
Test Frequency	Below 1000MHz	Final Test mode:	Mode7
Test Voltage:	AC 120V / 60Hz	Polarization:	Vertical



NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	34.365	58.10	-30.97	27.13	40.00	12.87	193	73	PK	Vertical	PASS
2	46.102	54.20	-29.46	24.74	40.00	15.26	116	250	PK	Vertical	PASS
3	69.091	54.46	-31.35	23.11	40.00	16.89	257	136	PK	Vertical	PASS
4	108.958	48.27	-29.71	18.56	43.50	24.94	162	206	PK	Vertical	PASS
5	160.077	54.42	-31.68	22.74	43.50	20.76	191	0	PK	Vertical	PASS
6	947.232	38.27	-14.13	24.14	46.00	21.86	226	151	PK	Vertical	PASS

Note:
1. The Peak measurements were performed on the EUT.
2. Level = Reading(dBµV) + Factor(dB):
3. Factor = Cable Factor(dB) + AF(dB/m) - Preamplifier gain(dB)
4. AF = Antenna Factor(dB/m)
5. Margin = Limit(dBµV/m) - Value(dBµV/m)

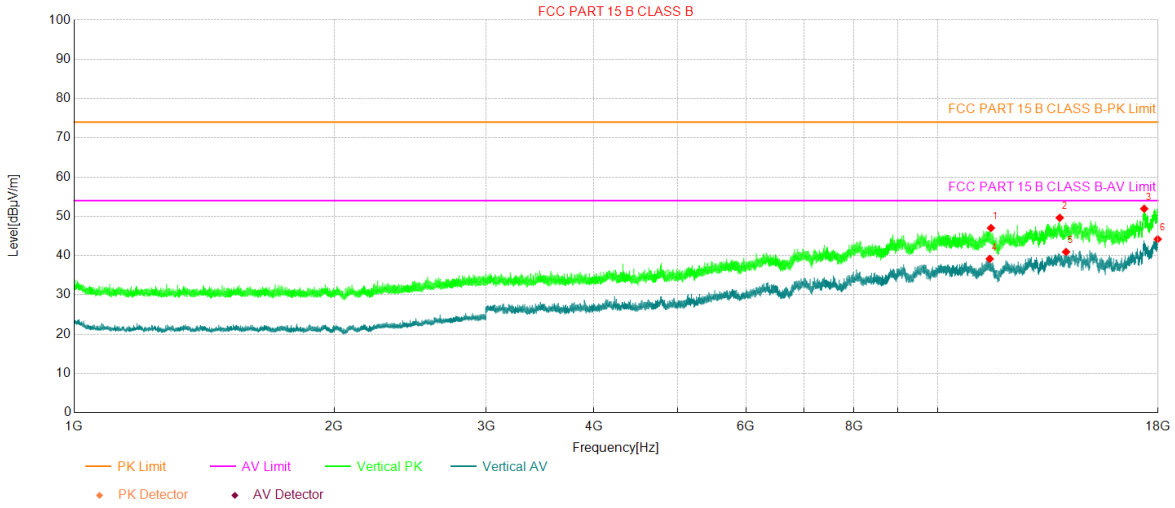
Test Frequency	Below 1000MHz	Final Test mode:	Mode7
Test Voltage:	AC 120V / 60Hz	Polarization:	Horizontal



NO	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdic
1	108.376	55.92	-29.53	26.39	43.50	17.11	207	288	PK	Horizontal	PASS
2	176.955	54.17	-30.82	23.35	43.50	20.15	120	111	PK	Horizontal	PASS
3	320.224	46.06	-25.64	20.42	46.00	25.58	287	259	PK	Horizontal	PASS
4	441.765	42.97	-23.05	19.92	46.00	26.08	195	268	PK	Horizontal	PASS
5	682.616	38.13	-18.00	20.13	46.00	25.87	148	121	PK	Horizontal	PASS
6	901.448	37.48	-14.58	22.90	46.00	23.10	283	66	PK	Horizontal	PASS

Note:
1. The Peak measurements were performed on the EUT.
2. Level = Reading(dBµV) + Factor(dB):
3. Factor = Cable Factor(dB) + AF(dB/m) - Preamplifier gain(dB)
4. AF = Antenna Factor(dB/m)
5. Margin = Limit(dBµV/m) - Value(dBµV/m)

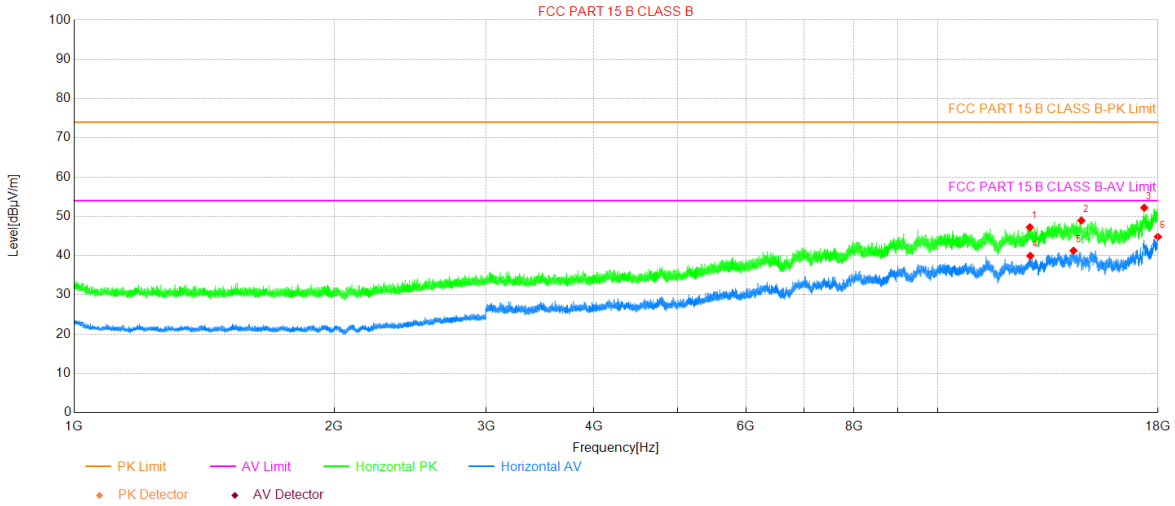
Test Frequency	Above 1000MHz	Final Test mode:	Mode7
Test Voltage:	AC 120V / 60Hz	Polarization:	Vertical



NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	11529	42.26	4.76	47.02	74.00	26.98	/	/	Vertical
2	13847.5	40.93	8.69	49.62	74.00	24.38	/	/	Vertical
3	17346.5	39.23	12.70	51.93	74.00	22.07	/	/	Vertical
4	11491	34.26	4.90	39.16	54.00	14.84	/	/	Vertical
5	14084	32.86	8.08	40.94	54.00	13.06	/	/	Vertical
6	17985.5	30.95	13.25	44.20	54.00	9.80	/	/	Vertical

Note:
1. The Peak measurements were performed on the EUT.
2. Level = Reading(dBµV) + Factor(dB):
3. Factor = Cable Factor(dB) + AF(dB/m) - Preamplifier gain(dB)
4. AF = Antenna Factor(dB/m)
5. Margin = Limit(dBµV/m) - Value(dBµV/m)

Test Frequency	Above 1000MHz	Final Test mode:	Mode7
Test Voltage:	AC 120V / 60Hz	Polarization:	Horizontal



NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	12787.5	41.32	5.89	47.21	74.00	26.79	/	/	Horizontal
2	14672	39.62	9.31	48.93	74.00	25.07	/	/	Horizontal
3	17349.5	39.34	12.84	52.18	74.00	21.82	/	/	Horizontal
4	12804.5	34.02	5.92	39.94	54.00	14.06	/	/	Horizontal
5	14368	32.28	8.97	41.25	54.00	12.75	/	/	Horizontal
6	17992	31.45	13.34	44.79	54.00	9.21	/	/	Horizontal

Note:
1. The Peak measurements were performed on the EUT.
2. Level = Reading(dBµV) + Factor(dB):
3. Factor = Cable Factor(dB) + AF(dB/m) - Preamplifier gain(dB)
4. AF = Antenna Factor(dB/m)
5. Margin = Limit(dBµV/m) - Value(dBµV/m)

5 Test Setup Photos

The detailed test data see: **Test Setup Photos**

~The End~