



Report No.: SUAR/2021/B000708

Rev.: 01

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TEST REPORT

Application No: AR/2021/B0007
Applicant: Xiaomi Communications Co., Ltd.
Address of Applicant: #019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085
Manufacturer: Xiaomi Communications Co., Ltd.
Address of Manufacturer: #019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085
EUT Description: Mobile Phone
Model No.: 21121210G
Trade Mark: POCO
FCC ID: 2AFZZ1210G
Standard(s): 47 CFR Part 15, Subpart B
Date of Receipt: 2021/12/8
Date of Test: 2021/12/30 to 2022/1/15
Date of Issue: 2022/1/20

Test Result:	Pass*
---------------------	--------------

* In the configuration tested, the EUT complied with the standards specified above.

Authorized Signature:

Panta Sun

Panta Sun

Wireless Laboratory Manager



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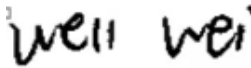
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Revision Record				
Version	Chapter	Date	Modifier	Remark
01		2022/1/20		Original

Prepared By	 (Weller Liu) / Engineer
Checked By	 (Well Wei) / Reviewer



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Test Summary

Emission Part				
Item	Standard	Method	Requirement	Result
Conducted Emissions at Mains Terminals (150kHz-30MHz)	47 CFR Part 15, Subpart B	ANSI C63.4:2014	Class B	Pass
Radiated Emissions (30MHz-1GHz)	47 CFR Part 15, Subpart B	ANSI C63.4:2014	Class B	Pass
Radiated Emissions (above 1GHz)	47 CFR Part 15, Subpart B	ANSI C63.4:2014	Class B	Pass

Internal Source	Upper Frequency
Below 1.705MHz	30MHz
1.705MHz to 108MHz	1GHz
108MHz to 500MHz	2GHz
500MHz to 1GHz	5GHz
Above 1GHz	5th harmonic of the highest frequency or 40GHz, whichever is lower



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1 General Information

Product Name:	Mobile Phone		
Model No.(EUT):	21121210G		
Trade Mark:	POCO		
Hardware Version:	P2		
Software Version:	MIUI 13		
Frequency Bands:	Band	Tx (MHz)	Rx (MHz)
	GSM850	824~849	869~894
	GSM1900	1850~1910	1930~1990
	WCDMA Band II	1850~1910	1930~1990
	WCDMA Band IV	1710~1755	2110~2155
	WCDMA Band V	824~849	869~894
	LTE Band 2	1850~1910	1930~1990
	LTE Band 4	1710~1755	2110~2155
	LTE Band 5	824~849	869~894
	LTE Band 7	2500~2570	2620~2690
	LTE Band 12	699~716	729~746
	LTE Band 17	704~716	734~746
	LTE Band 26	814~849	859~894
	LTE Band 38	2570~2620	2570~2620
	LTE Band 41	2496~2690	2496~2690
	LTE CA_7C	2500~2570	2620~2690
	LTE CA_38C	2570~2620	2570~2620
	NR Band n5	824~849	869~894
	NR Band n7	2500~2570	2620~2690
	NR Band n38	2570~2620	2570~2620
	NR Band n41	2496~2690	2496~2690
	NR Band n77	3700-3980 3450-3550	3700-3980 3450-3550
	NR Band n78	3700-3800 3450-3550	3700-3800 3450-3550
	Wi-Fi 2.4G	2412~2462	2412~2462
	Bluetooth	2402~2480	2402~2480
	Wi-Fi 5G	5150~5850	5150~5850
	NFC	13.56	
	GNSS(GPS+Glonass + Beidou+Compass+Galile o+QZSS+NavIC)	1559~1610 1164~1215	



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1.1 Description of Support Units

Description	Manufacturer	Model No.	Inventory No.
Router	Smauwave Technology Co.,Ltd	SRT 421	SUWI-04-34-01
Computer	Lenovo	T14	SUWI-03-33-04
Mouse	Lenovo	3D optical Mouse	SUWI-03-33-05
Adaptor	Huawei	HW-050200C02	SUWI-03-33-06

1.2 Test Location

All tests were performed at:

Company:	SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd
Address:	South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone
Post code:	215000
Test engineer:	Weller Liu, King-p Li, Nature Shen, Tizzy Song

1.3 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

• A2LA (Certificate No. 6336.01)

SGS-CSTC STANDARDS TECHNICAL SERVICES (SUZHOU) CO., LTD. is accredited by the American Association for Laboratory Accreditation(A2LA). Certificate No. 6336.01.

• Innovation, Science and Economic Development Canada

SGS-CSTC STANDARDS TECHNICAL SERVICES (SUZHOU) CO., LTD. has been recognized by ISED as an accredited testing laboratory.

CAB identifier: CN0120.

IC#: 27594.

• FCC –Designation Number: CN1312

SGS-CSTC STANDARDS TECHNICAL SERVICES (SUZHOU) CO., LTD. has been recognized as an accredited testing laboratory.

Designation Number: CN1312.

Test Firm Registration Number:0031225543

1.4 Deviation from Standards

None

1.5 Abnormalities from Standard Conditions

None



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2 Emission Test Results

2.1 Conducted Emissions at Mains Terminals (150kHz-30MHz)

Test Requirement:	47 CFR Part 15, Subpart B
Test Method:	ANSI C63.4:2014
Frequency Range:	150kHz to 30MHz
Limit:	
0.15M-0.5MHz	66dB(μV)-56dB(μV) quasi-peak, 56dB(μV)-46dB(μV) average
0.5M-5MHz	56dB(μV) quasi-peak, 46dB(μV) average
5M-30MHz	60dB(μV) quasi-peak, 50dB(μV) average
Detector:	Peak for pre-scan (9kHz resolution bandwidth) 0.15M to 30MHz

2.1.1 E.U.T. Operation

Operating Environment:

Temperature: 22~23°C

Humidity: 44~46% RH

Atmospheric Pressure: 101 Kpa

Pretest these modes to find the worst case:

- a: GSM850 Idle+EUT+adapter(1)+usb Cable+BT+2.4GWLAN+Camera(Rear)
- b: WCDMA Band V Idle+EUT+adapter(1)+usb Cable+BT+5GWLAN+Camera(Front)
- c: LTE Band 5 Idle+EUT+adapter(1)+usb Cable+BT+5GWLAN+MP4
- d: LTE Band 12 Idle+EUT+adapter(1)+usb Cable+BT+2.4G WLAN+GNSS+NFC
- e: LTE Band 26 Idle+EUT+adapter(2)+usb Cable+BT+5G WLAN+GNSS
- f: 5G NR SA Band 5 Idle+Transfer data between the EUT and the PC+USB cable
- g: 5G NR SA Band 5 Idle+Transfer data between the EUT 2 and the PC+USB cable

The worst case for final test: f: 5G NR SA Band 5 Idle+Transfer data between the EUT and the PC+USB cable



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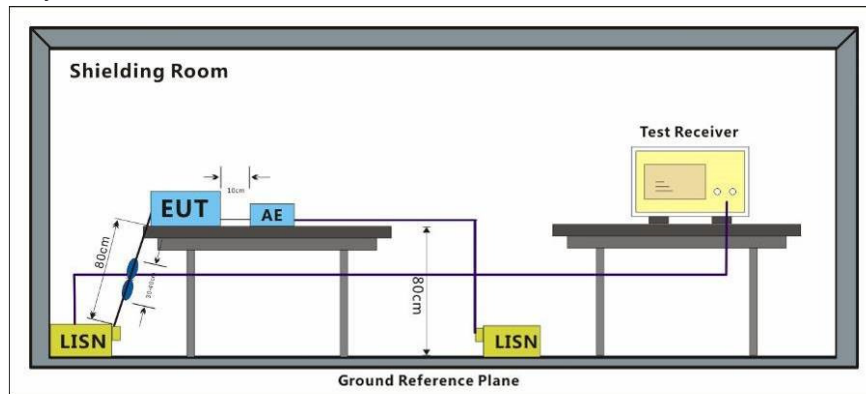
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2.1.2 Test Setup Procedures

1. The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
5. The FCC states that a 50 ohm, 50 microhenry LISN should be used.
6. Both sides of AC line were checked for maximum conducted interference.
7. The frequency range from 150 kHz to 30 MHz was searched.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth (IF Bandwidth = 9kHz) with Maximum Hold Mode. Then measurement is also conducted by Average Detector and Quasi-Peak Detector Function respectively.



2.1.3 Measurement Data

An initial pre-scan was performed with peak detector. Quasi-Peak or Average measurement were performed at the frequencies with maximized peak emission were detected.



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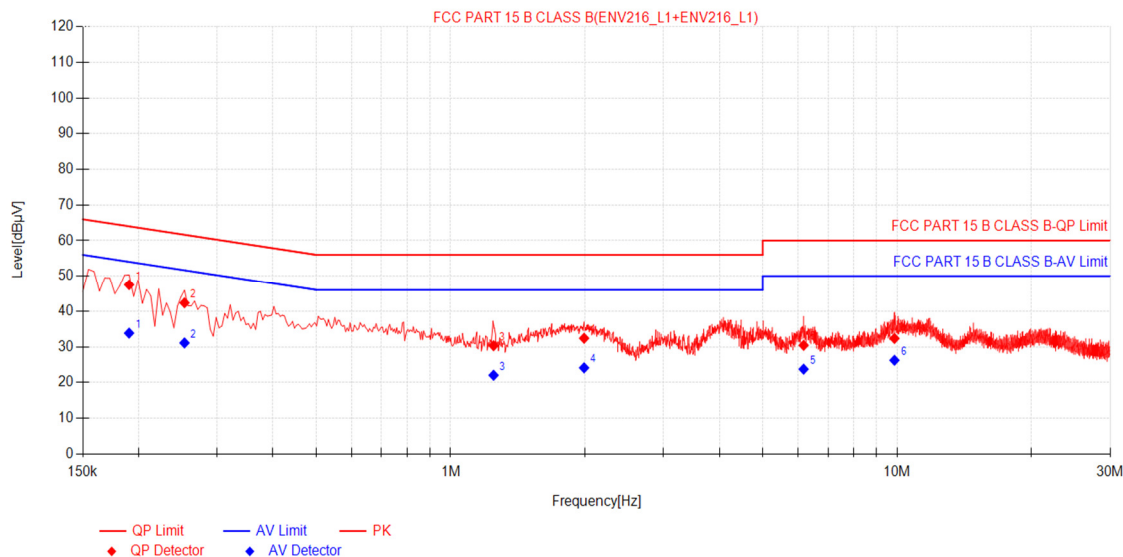
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Mode:f; Line:Live Line



Final Data List

NO	Frequency [MHz]	Factor [dB]	QP Value [dBμV]	QP Limit [dBμV]	QP Margin [dB]	AV Value [dBμV]	AV Limit [dBμV]	AV Margin	Verdict
1	0.1905	10.78	47.45	64.01	16.56	33.84	54.01	20.17	PASS
2	0.2535	10.79	42.34	61.64	19.30	31.09	51.64	20.55	PASS
3	1.2480	10.78	30.32	56.00	25.68	22.05	46.00	23.95	PASS
4	1.9905	10.68	32.40	56.00	23.60	24.12	46.00	21.88	PASS
5	6.1755	10.67	30.44	60.00	29.56	23.75	50.00	26.25	PASS
6	9.8655	10.64	32.36	60.00	27.64	26.23	50.00	23.77	PASS



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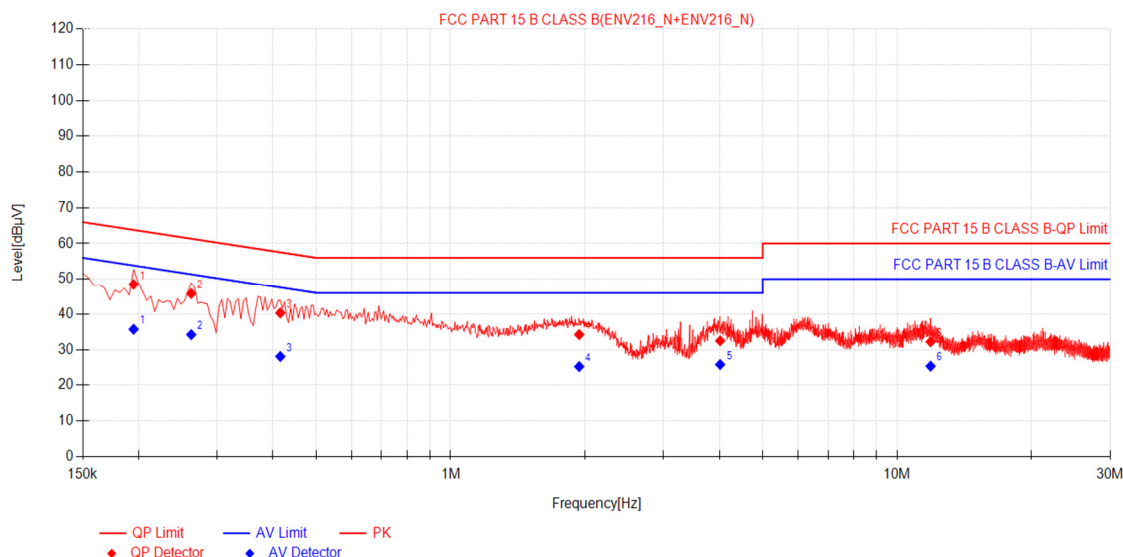
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Member of the SGS Group (SGS SA)

Mode:f; Line:Neutral Line



Final Data List

NO	Frequency [MHz]	Factor [dB]	QP Value [dB μ V]	QP Limit [dB μ V]	QP Margin [dB]	AV Value [dB μ V]	AV Limit [dB μ V]	AV Margin [dB]	Verdict
1	0.1950	10.67	48.45	63.82	15.37	35.73	53.82	18.09	PASS
2	0.2625	10.73	45.81	61.35	15.54	34.22	51.35	17.13	PASS
3	0.4155	10.82	40.33	57.54	17.21	28.08	47.54	19.46	PASS
4	1.9410	10.78	34.24	56.00	21.76	25.25	46.00	20.75	PASS
5	4.0155	10.75	32.50	56.00	23.50	25.83	46.00	20.17	PASS
6	11.8860	10.65	32.21	60.00	27.79	25.36	50.00	24.64	PASS



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2.2 Radiated Emissions (30MHz-1GHz)

Test Requirement: 47 CFR Part 15, Subpart B

Test Method: ANSI C63.4:2014

Frequency Range: 30MHz to 1GHz

Measurement Distance: 3m

Limit:

30MHz -88MHz 40.0(dBμV/m) quasi-peak

88MHz-216MHz 43.5(dBμV/m) quasi-peak

216MHz-960MHz 46.0(dBμV/m) quasi-peak

960MHz-1000MHz 54.0(dBμV/m) quasi-peak

Detector: Peak for pre-scan (120kHz resolution bandwidth) 30M to1000MHz

2.2.1 E.U.T. Operation

Operating Environment:

Temperature: 22~23°C Humidity: 44~46% RH Atmospheric Pressure:101 Kpa

Pretest these a: GSM850 Idle+EUT+adapter(1)+usb Cable+BT+2.4GWLAN+Camera(Rear)

modes to find b: WCDMA Band V Idle+EUT+adapter(1)+usb
the worst case: Cable+BT+5GWLAN+Camera(Front)

c: LTE Band 5 Idle+EUT+adapter(1)+usb Cable+BT+5GWLAN+MP4

d: LTE Band 12 Idle+EUT+adapter(1)+usb Cable+BT+2.4G WLAN+GNSS+NFC

e: LTE Band 26 Idle+EUT+adapter(2)+usb Cable+BT+5G WLAN+GNSS(1~4 WORSE)

f: LTE Band 26 Idle+EUT+Earphone+BT+5G WLAN+GNSS(1~5WORSE)

g: 5G NR SA Band 77 Idle+EUT(reverse charging for usb) to Phone

h: 5G NR SA Band 5 Idle+Transfer data between the EUT and the PC+USB cable

i: 5G NR SA Band 5 Idle+Transfer data between the EUT 2 and the PC+USB cable

The worst case d: LTE Band 12 Idle+EUT+adapter(1)+usb Cable+BT+2.4G WLAN+GNSS+NFC
for final test: i: 5G NR SA Band 5 Idle+Transfer data between the EUT 2 and the PC+USB cable

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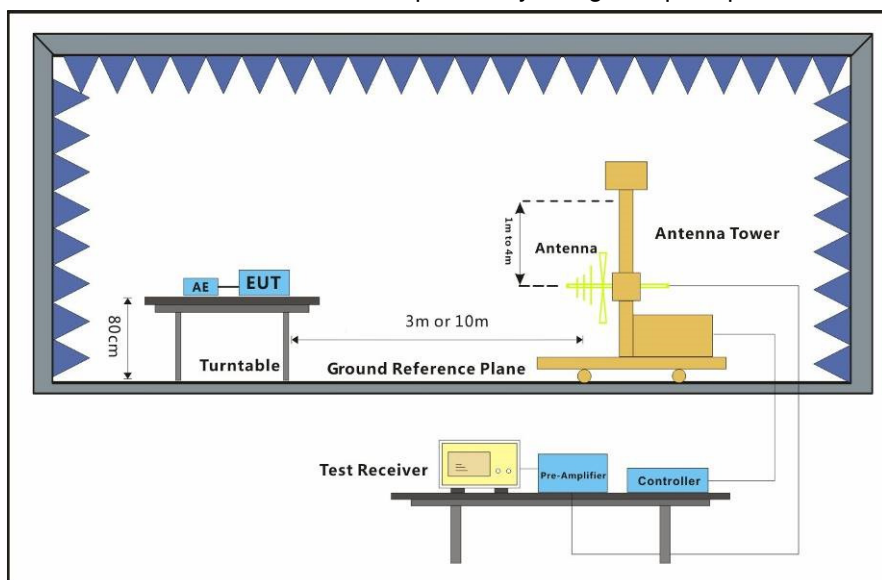
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2.2.2 Test Setup Procedures

1. The EUT was placed in a semi Anechoic Chamber as show below
2. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest radiation.
4. The antenna height is adjusted between 1 to 4 meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. Set the test-receiver system to Peak Detect Function with specified bandwidth with Maximum Hold Mode, and the trace was allowed to stabilize.
7. If the emission level of the EUT in peak mode was 6 dB lower than the limit specified, peak values of EUT will be reported. Otherwise, the emission will be repeated by using the quasi-peak method and reported.



2.2.3 Measurement Data

An initial pre-scan was performed in the chamber using the spectrum analyser in peak detection mode. Quasi-peak measurements were conducted based on the peak sweep graph. The EUT was measured by BiConiLog antenna with 2 orthogonal polarities.

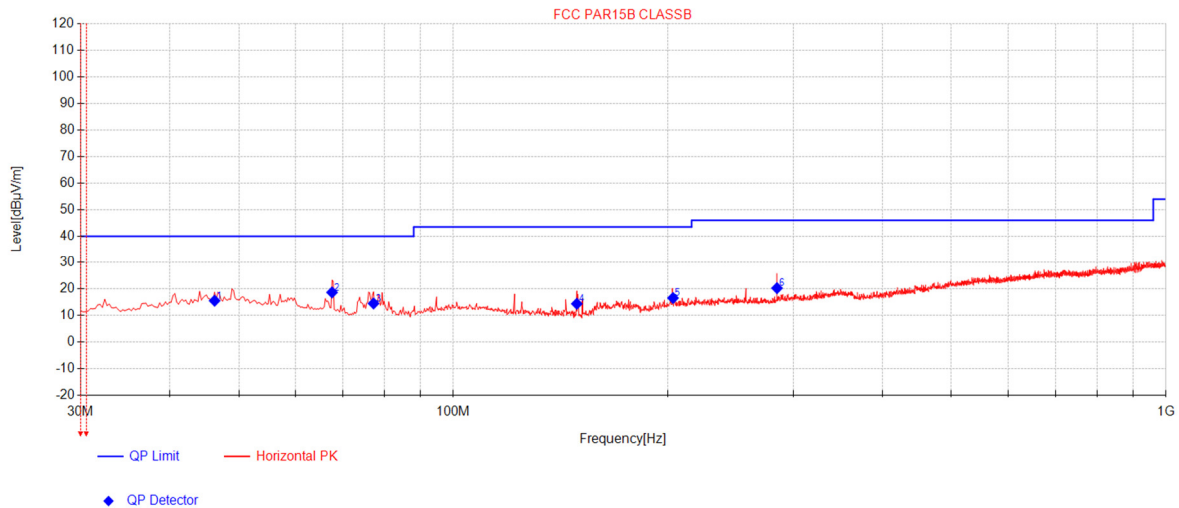
The three polarities of X,Y,Z were measured by EUT, but only the worst data had been displayed.

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Mode:d; Polarization:Horizontal



Final Data List

NO.	Freq. [MHz]	QP Reading [dBμV]	Factor [dB]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	46.2475	30.26	-14.76	15.50	40.00	24.50	126	357	Horizontal
2	67.5875	36.98	-18.36	18.62	40.00	21.38	224	312	Horizontal
3	77.2875	34.88	-20.42	14.46	40.00	25.54	184	10	Horizontal
4	149.0675	34.69	-20.34	14.35	43.50	29.15	105	333	Horizontal
5	203.3875	32.65	-16.14	16.51	43.50	26.99	116	117	Horizontal
6	284.625	33.85	-13.63	20.22	46.00	25.78	100	48	Horizontal



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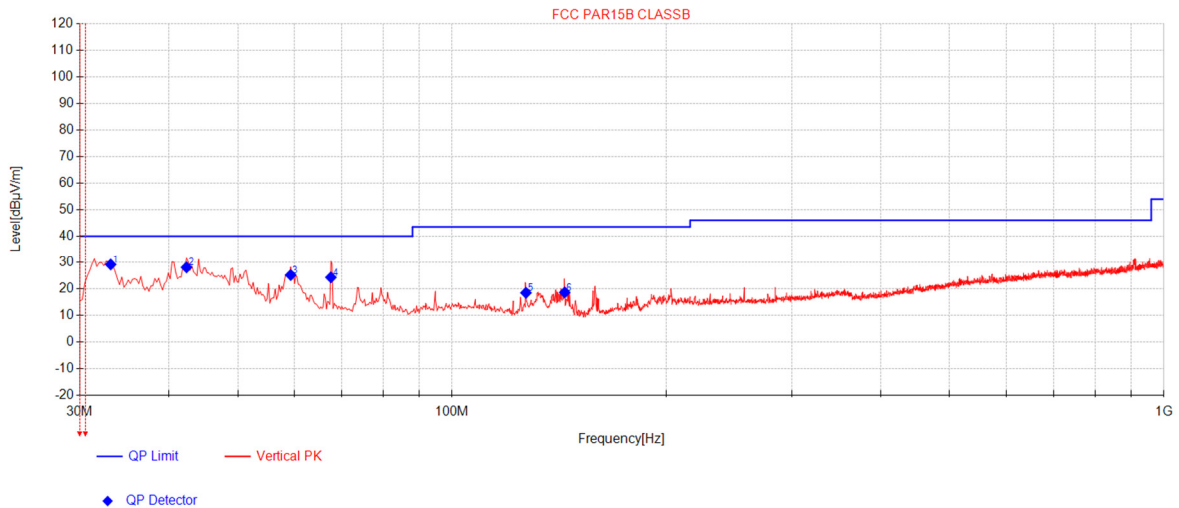
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Mode:d; Polarization:Vertical



Final Data List

NO.	Freq. [MHz]	QP Reading [dBμV]	Factor [dB]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	33.1525	46.98	-17.87	29.11	40.00	10.89	145	157	Vertical
2	42.3675	43.52	-15.49	28.03	40.00	11.97	118	286	Vertical
3	59.3425	41.25	-16.10	25.15	40.00	14.85	162	49	Vertical
4	67.5875	42.63	-18.36	24.27	40.00	15.73	152	52	Vertical
5	127	37.25	-18.79	18.46	43.50	25.04	120	0	Vertical
6	143.975	38.56	-19.95	18.61	43.50	24.89	100	315	Vertical



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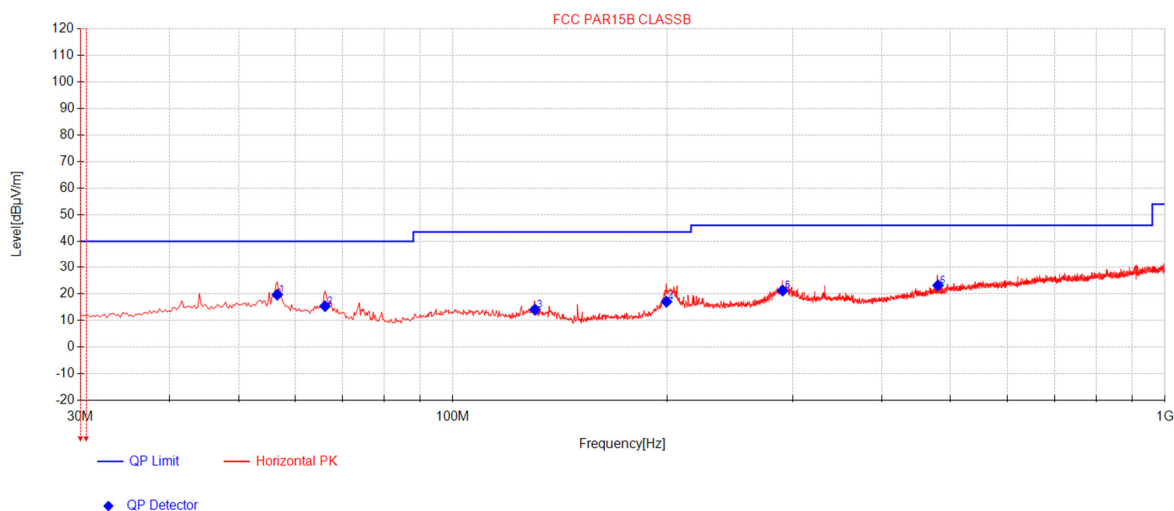
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Mode:i; Polarization:Horizontal



Final Data List

NO.	Freq. [MHz]	QP Reading [dBμV]	Factor [dB]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	56.675	35.21	-15.56	19.65	40.00	20.35	118	3	Horizontal
2	66.1325	33.28	-17.95	15.33	40.00	24.67	126	250	Horizontal
3	130.395	32.99	-18.98	14.01	43.50	29.49	344	45	Horizontal
4	199.5075	33.47	-16.47	17.00	43.50	26.50	205	0	Horizontal
5	290.445	34.25	-13.07	21.18	46.00	24.82	169	20	Horizontal
6	480.08	31.654	-8.56	23.09	46.00	22.91	200	103	Horizontal



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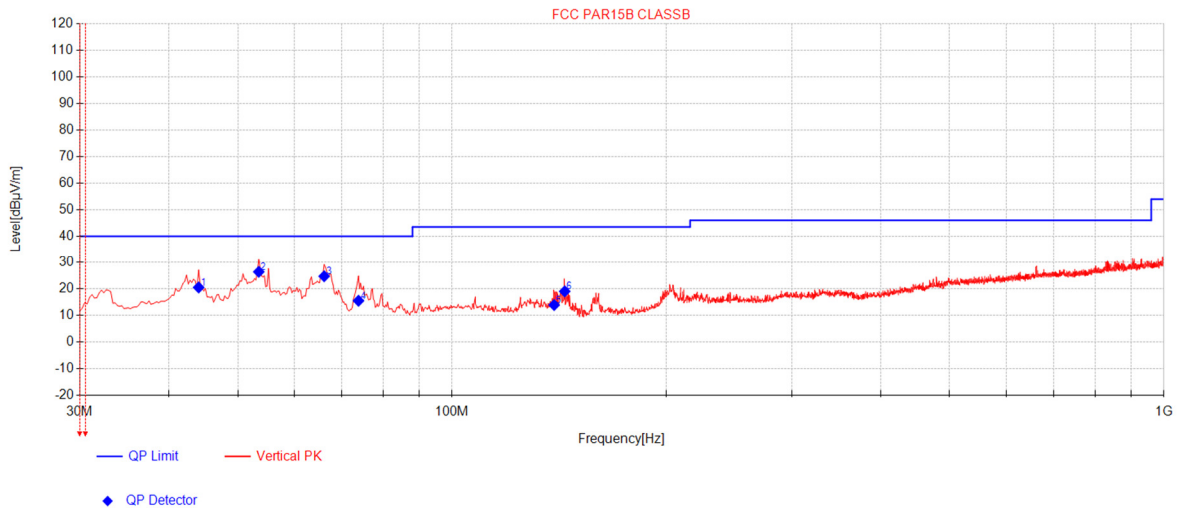
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Mode:i; Polarization:Vertical



Final Data List

NO.	Freq. [MHz]	QP Reading [dBμV]	Factor [dB]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	44.065	35.62	-15.14	20.48	40.00	19.52	154	2	Vertical
2	53.5225	41.25	-14.92	26.33	40.00	13.67	119	0	Vertical
3	66.1325	42.62	-17.95	24.67	40.00	15.33	205	357	Vertical
4	73.8925	35.26	-19.78	15.48	40.00	24.52	136	145	Vertical
5	139.125	33.45	-19.58	13.87	43.50	29.63	227	343	Vertical
6	143.975	38.95	-19.95	19.00	43.50	24.50	310	315	Vertical



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2.3 Radiated Emissions (above 1GHz)

Test Requirement: 47 CFR Part 15, Subpart B

Test Method: ANSI C63.4:2014

Frequency Range: Above 1GHz

Measurement Distance: 3m

Limit:

Above 1GHz

74(dBμV/m) peak, 54(dBμV/m) average

Detector:

Peak for pre-scan (1000kHz resolution bandwidth) 1000M to 40000MHz

2.3.1 E.U.T. Operation

Operating Environment:

Temperature: 22~23°C

Humidity: 44~46% RH

Atmospheric Pressure: 101 Kpa

Pretest these modes to find the worst case:

a: GSM850 Idle+EUT+adapter(1)+usb Cable+BT+2.4GWLAN+Camera(Rear)

b: WCDMA Band V Idle+EUT+adapter(1)+usb Cable+BT+5GWLAN+Camera(Front)

c: LTE Band 5 Idle+EUT+adapter(1)+usb Cable+BT+5GWLAN+MP4

d: LTE Band 12 Idle+EUT+adapter(1)+usb Cable+BT+2.4G WLAN+GNSS+NFC

e: LTE Band 26 Idle+EUT+adapter(2)+usb Cable+BT+5G WLAN+GNSS(1~4 WORSE)

f: LTE Band 26 Idle+EUT+Earphone+BT+5G WLAN+GNSS(1~5WORSE)

g: 5G NR SA Band 77 Idle+EUT(reverse charging for usb) to Phone

h: 5G NR SA Band 5 Idle+Transfer data between the EUT and the PC+USB cable

i: 5G NR SA Band 5 Idle+Transfer data between the EUT 2 and the PC+USB cable

The worst case for final test:

a: GSM850 Idle+EUT+adapter(1)+usb Cable+BT+2.4GWLAN+Camera(Rear)

i: 5G NR SA Band 5 Idle+Transfer data between the EUT 2 and the PC+USB cable



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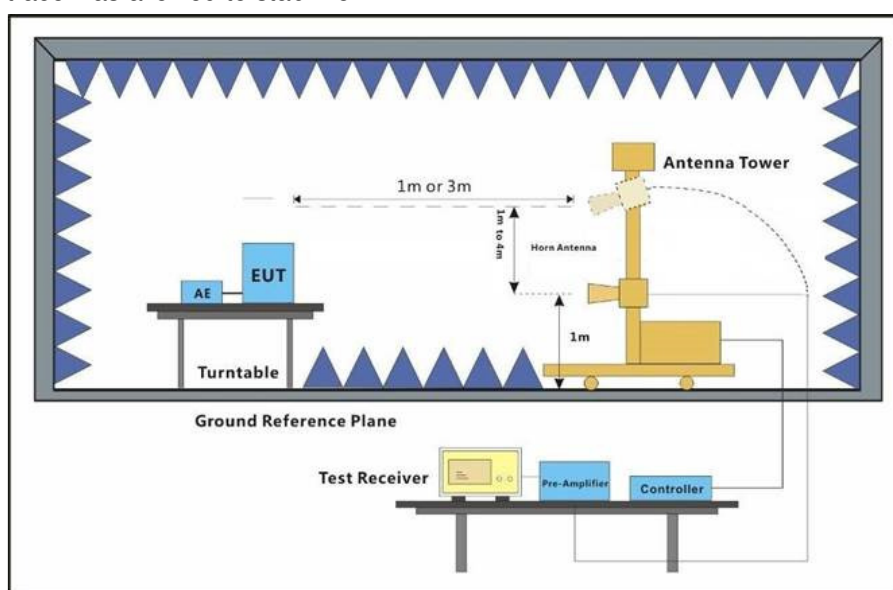
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2.3.2 Test Setup Procedures

1. The EUT was placed in a full Anechoic Chamber as show below
2. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest radiation.
4. The antenna height is adjusted between 1 to 4 meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. Set the test-receiver system to Peak and AV Detect Function with specified bandwidth with Maximum Hold Mode, and the trace was allowed to stabilize.



2.3.3 Measurement Data

An initial pre-scan was performed in the chamber using the spectrum analyser in peak detection mode. Average measurements were conducted based on the peak sweep graph. The EUT was measured by Horn antenna with 2 orthogonal polarities.

The three polarities of X,Y,Z were measured by EUT, but only the worst data had been displayed.

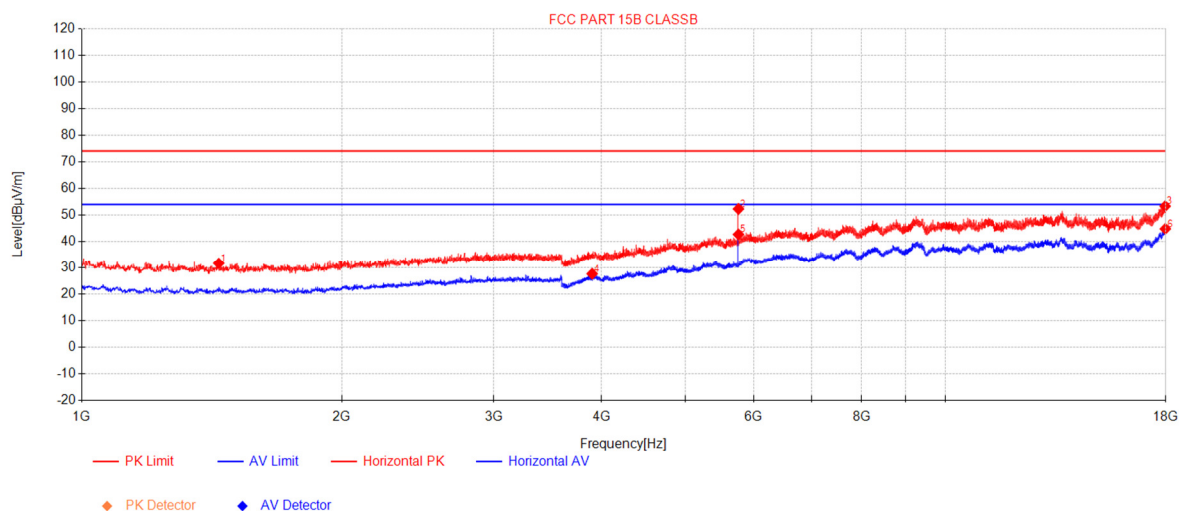
Scan from 1GHz to 30GHz, the disturbance above 18GHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed.

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Mode:a; Polarization:Horizontal



Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1441.15	54.84	-23.19	31.65	74.00	42.35	148	319	Horizontal
2	5760	62.39	-10.10	52.29	74.00	21.71	118	357	Horizontal
3	17969.4	41.02	12.30	53.32	74.00	20.68	206	112	Horizontal
4	3900.2	42.80	-15.17	27.63	54.00	26.37	164	94	Horizontal
5	5760	52.80	-10.10	42.70	54.00	11.30	205	357	Horizontal
6	17977.05	32.42	12.38	44.80	54.00	9.20	149	319	Horizontal



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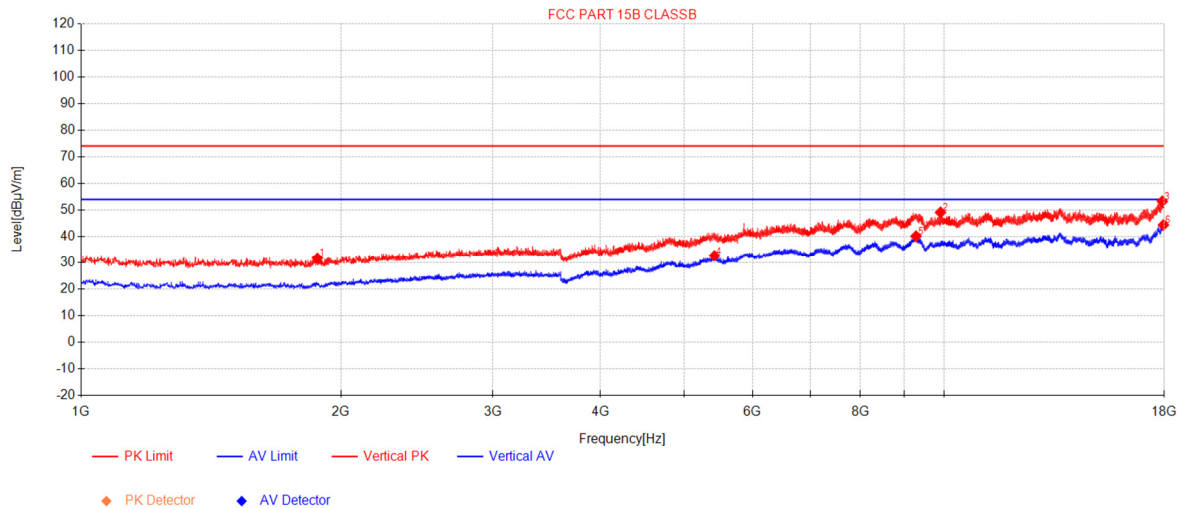
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Mode:a; Polarization:Vertical



Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1878.9	53.88	-22.11	31.77	74.00	42.23	148	360	Vertical
2	9908	47.89	1.22	49.11	74.00	24.89	119	174	Vertical
3	17907.35	41.58	11.68	53.26	74.00	20.74	206	137	Vertical
4	5419.15	43.93	-11.25	32.68	54.00	21.32	321	21	Vertical
5	9280.7	39.89	0.27	40.16	54.00	13.84	118	356	Vertical
6	17958.35	32.18	12.19	44.37	54.00	9.63	205	137	Vertical



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中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号6号厂房南部 邮编: 215000

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t (86-512) 62992980 sgs.china@sgs.com

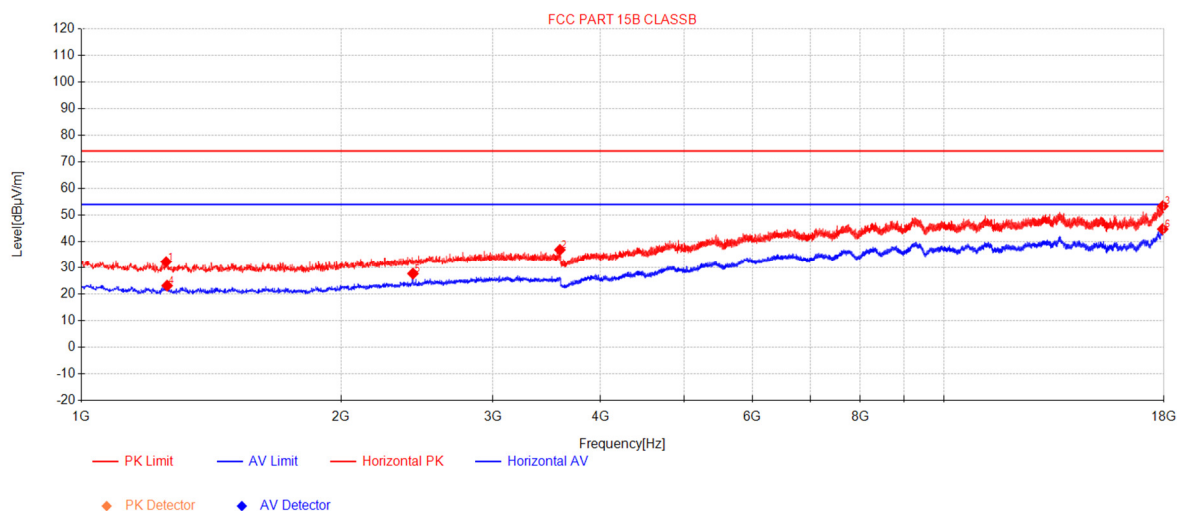
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Mode:i; Polarization:Horizontal



Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1254.15	55.47	-23.20	32.27	74.00	41.73	158	321	Horizontal
2	3588.25	53.26	-16.34	36.92	74.00	37.08	116	54	Horizontal
3	17943.9	41.28	12.05	53.33	74.00	20.67	205	54	Horizontal
4	1257.55	46.34	-23.20	23.14	54.00	30.86	117	282	Horizontal
5	2423.75	47.30	-19.64	27.66	54.00	26.34	255	132	Horizontal
6	17938.8	32.70	12.00	44.70	54.00	9.30	165	92	Horizontal



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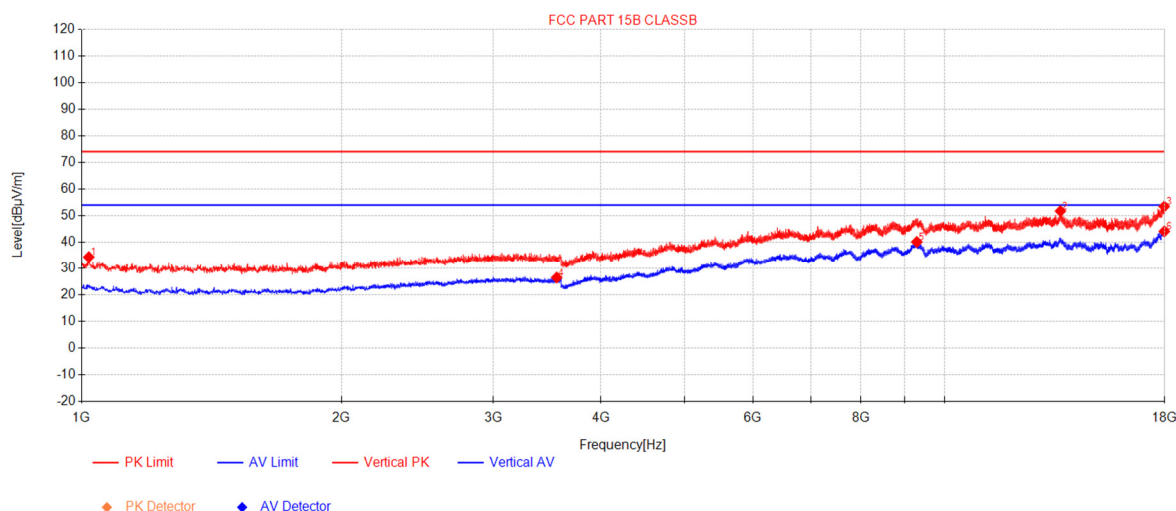
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Mode:i; Polarization:Vertical



Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1019.55	56.66	-22.27	34.39	74.00	39.61	184	324	Vertical
2	13625.9	46.26	5.46	51.72	74.00	22.28	221	21	Vertical
3	17974.5	41.07	12.36	53.43	74.00	20.57	105	137	Vertical
4	3553.4	42.90	-16.46	26.44	54.00	27.56	116	174	Vertical
5	9287.5	39.83	0.28	40.11	54.00	13.89	184	3	Vertical
6	17978.75	31.69	12.40	44.09	54.00	9.91	150	117	Vertical



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3 Equipment List

CE Test System					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Shielding Room	Brilliant-emc	N/A	SUWI-04-02-01	2021-06-15	2024-06-14
Test receiver	ROHDE&SCHWARZ	ESR7	SUWI-01-10-01	2021-02-20	2022-02-19
UXM 5G Wireless Test Platform	Keysight	E7515B	SUWI-01-04-01	2021-02-20	2022-02-19
Wideband Radio Communication Tester	Anritsu	MT8821C	SUWI-01-26-03	2021-12-04	2022-12-3
Temperature and humidity meter	MingGao	TH101B	SUWI-01-01-06	2021-02-20	2022-02-19
Artificial network	ROHDE&SCHWARZ	ENV216	SUWI-01-19-01	2021-02-20	2022-02-19
Artificial network	ROHDE&SCHWARZ	ENV216	SUWI-01-19-02	2021-02-20	2022-02-19
Measurement Software CE	StarPoint	JS32-CE V4.0.0.2	SUWI-02-09-05	NCR	NCR



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RSE Test Equipment 996-01					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Semi-Anechoic Chamber	Brilliant-emc	N/A	SUWI-04-02-01	2021/5/8	2024/5/7
Temperature and humidity meter	MingGao	TH101B	SUWI-01-01-05	2021/2/20	2022/2/19
Signal Analyzer	ROHDE&SCHW ARZ	FSW43	SUWI-01-02-04	2021/5/28	2022/5/27
Test receiver	ROHDE&SCHW ARZ	ESR7	SUWI-01-10-01	2021/2/20	2022/2/19
DC Power Supply	HYELEC	HY3005B	SUWI-01-18-01	2021/2/20	2022/2/19
Receiving antenna	SCHWRZBECK MESS-ELEKTRONIK	VULB 9163	SUWI-01-11-01	2021/5/16	2022/5/15
Receiving antenna	SCHWRZBECK MESS-ELEKTRONIK	BBHA 9120D	SUWI-01-11-02	2021/5/16	2022/5/15
Receiving antenna	SCHWRZBECK MESS-ELEKTRONIK	BBHA 9170	SUWI-01-11-03	2021/5/14	2022/5/13
Amplifier	Tonscend	TAP9K3G40	SUWI-01-14-01	2021/2/20	2022/2/19
Amplifier	Tonscend	TAP0101805 0	SUWI-01-14-02	2021/2/20	2022/2/19
Amplifier	Tonscend	TAP1804004 8	SUWI-01-14-03	2021/2/20	2022/2/19
Active Loop Antenna	SCHWRZBECK MESS-ELEKTRONIK	FMZB 1519B	SUWI-01-21-01	2021/6/10	2022/6/9
Measurement Software	Tonscend	JS32-RE V4.0.0.0	SUWI-02-09-04	NCR	NCR
Wideband Radio Communication Tester	Anritsu	MT8820C	SUWI-01-16-08	2021/2/20	2022/2/19
Wideband Radio Communication Tester	Anritsu	MT8821C	SUWI-01-26-03	2021/12/4	2022/12/3
UXM 5G Wireless Test Platform	KEYSIGHT	E7515B	SUWI-01-04-01	2021/2/20	2022/2/19



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4 Measurement Uncertainty

No.	Item	Measurement Uncertainty
1	Conduction Emission	$\pm 2.9\text{dB}$ (150kHz to 30MHz)
2	Radiated Emission	$\pm 3.13\text{dB}$ (9k-30MHz)
		$\pm 4.8\text{dB}$ (Below 1GHz)
		$\pm 4.8\text{dB}$ (1GHz to 18GHz)
		$\pm 4.8\text{dB}$ (Above 18GHz)



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5 Photographs

5.1 Test Setup

Refer to Appendix A.1 15B Setup Photos.

5.2 EUT Constructional Details (EUT Photos)

Refer to Photographs of EUT Constructional Details

- End of the Report -



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