

Report No.: SUZR/2021/9002605

Rev.: 01

Page: 1 of 28

TEST REPORT

Application No: ZR/2021/90026
Applicant: Great Talent Technology Limited
Address of Applicant: 35F,HBC HuiLong Center Building-II Minzhi Street,Longhua, Shenzhen, P.R. China
Manufacturer: Great Talent Technology Limited
Address of Manufacturer: 35F,HBC HuiLong Center Building-II Minzhi Street,Longhua, Shenzhen, P.R. China
EUT Description: Smart Phone
Model No.: SP502
Trade Mark: SeNse
FCC ID: 2ALZM-SP502
Standard(s): 47 CFR Part 15, Subpart B
Date of Receipt: 2021/11/9
Date of Test: 2021/12/18 to 2022/2/16
Date of Issue: 2022/2/16

Test Result:	Pass*
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* In the configuration tested, the EUT complied with the standards specified above.

Authorized Signature:

Panta Sun

Wireless Laboratory Manager



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<i>Revision Record</i>				
<i>Version</i>	<i>Chapter</i>	<i>Date</i>	<i>Modifier</i>	<i>Remark</i>
01		2022/2/16		Original

Prepared By		 <hr/> (Weller Liu) / Engineer
Checked By		 <hr/> (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:	Smart Phone		
Model No. (EUT):	SP502		
Trade Mark:	SeNse		
Hardware Version:	Q6003_V1.0		
Software Version:	SP502_01.01.04		
Frequency Bands:	Band	Tx (MHz)	Rx (MHz)
	CDMA BC0	824~849	869~894
	CDMA BC1	1850~1910	1930~1990
	CDMA BC10	817~824	862~869
	LTE Band 2	1850~1910	1930~1990
	LTE Band 4	1710~1755	2110~2155
	LTE Band 5	824~849	869~894
	LTE Band 12	699~716	729~746
	LTE Band 25	1850~1915	1930~1995
	LTE Band 26	814~849	859~894
	LTE Band 41	2496~2690	2496~2690
	LTE Band 66	1710~1780	2110~2200
	LTE Band 71	663~698	617~652
	Wi-Fi 2.4G	2412~2462	2412~2462
	Bluetooth	2402~2480	2402~2480
GNSS (GPS+ Glonass +Beidou+ Galileo+ SBAS)	1559~1610		

Accessory:

Item No.	Mode No.	Manufacturer	Description
Adapter	TPA-5950100UU	ShenZhen Kingfulin Technology Co., Ltd.	Input: 100-240V -50/60Hz 0.2A Output: 5.0V, 1000mA
USB cable	TYPE-C TO USB/ BLK	Dongguan Guojun Plastic Electronics Co., Ltd.	Length: 0.8m
Battery (EUT)	BTE-3402	Phenix New Energy (Hui Zhou)Co.,Ltd.	Li-ion Battery: 3.8V, 3400mAh



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1.1 Description of Support Units

Description	Manufacturer	Model No.	Inventory No.
Router	Smavwave 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: 717327

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: 101.0 kPa

- Pretest these modes to find the worst case:
- a: Adaptor+USB+BT Idle+WLAN(2.4G)+Camera(Rear)+CDMA BC0
 - b: Adaptor+USB+BT Idle+WLAN(2.4G)+Camera(Front)+LTE Band 5
 - c: Adaptor+USB+BT Idle+WLAN(2.4G)+MP4+LTE Band 12
 - d: Transfer data between the EUT and the PC+USB+WLAN (2.4G) +GPS RX+LTE Band 26
 - e: Transfer data between the EUT and the PC+USB+WLAN (2.4G) +GPS RX+LTE Band 71

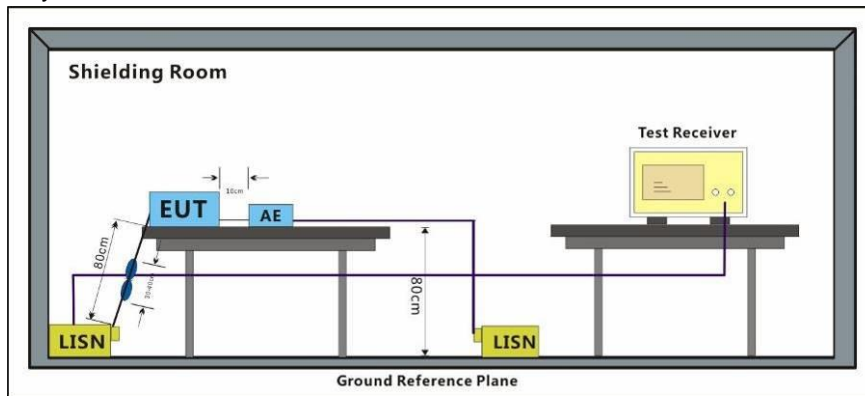
- The worst case for final test:
- c: Adaptor+USB+BT Idle+WLAN(2.4G)+MP4+LTE Band 12
 - d: Transfer data between the EUT and the PC+USB+WLAN (2.4G) +GPS RX+LTE Band 26



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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.

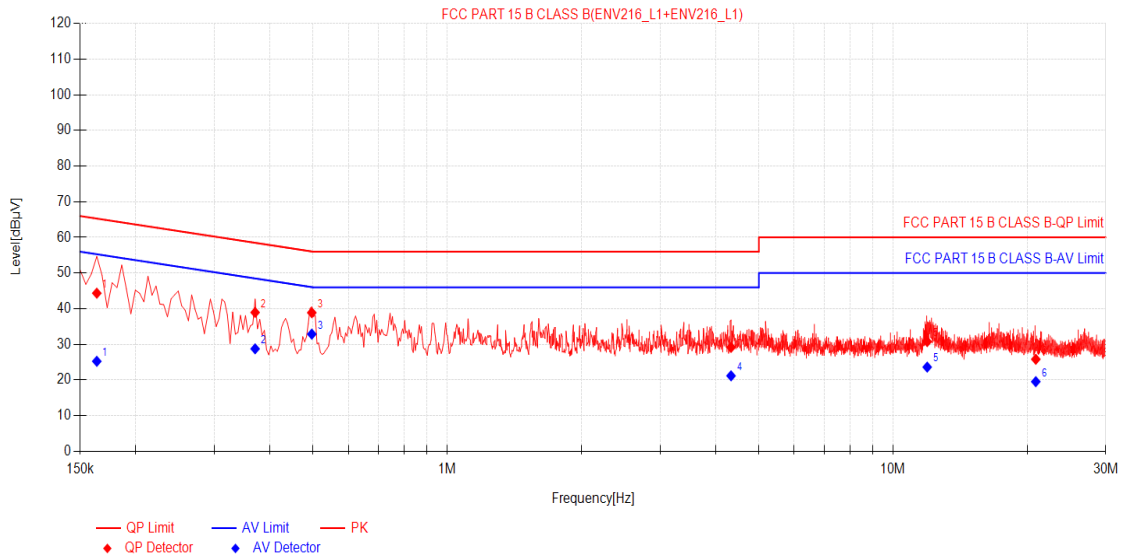


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Mode :c; Line:Live Line



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 [dB]	Verdict
1	0.1635	10.69	44.35	65.28	20.93	25.25	55.28	30.03	PASS
2	0.3705	10.50	38.94	58.49	19.55	28.75	48.49	19.74	PASS
3	0.4965	10.62	38.88	56.06	17.18	32.88	46.06	13.18	PASS
4	4.3305	10.70	29.15	56.00	26.85	21.17	46.00	24.83	PASS
5	11.9310	10.59	30.76	60.00	29.24	23.62	50.00	26.38	PASS
6	20.9085	10.39	25.83	60.00	34.17	19.54	50.00	30.46	PASS



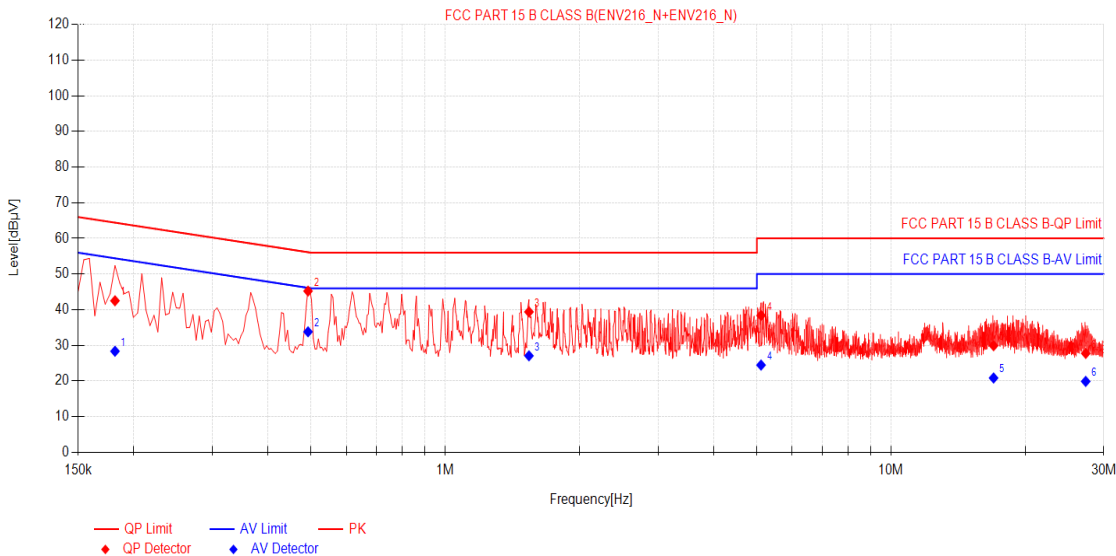
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Mode :c; Line:Neutral Line



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 [dB]	Verdict
1	0.1815	10.70	42.51	64.42	21.91	28.35	54.42	26.07	PASS
2	0.4920	10.81	45.22	56.13	10.91	33.80	46.13	12.33	PASS
3	1.5405	10.77	39.38	56.00	16.62	27.07	46.00	18.93	PASS
4	5.1090	10.63	38.39	60.00	21.61	24.47	50.00	25.53	PASS
5	16.9845	10.52	29.91	60.00	30.09	20.85	50.00	29.15	PASS
6	27.3435	10.48	27.74	60.00	32.26	19.89	50.00	30.11	PASS



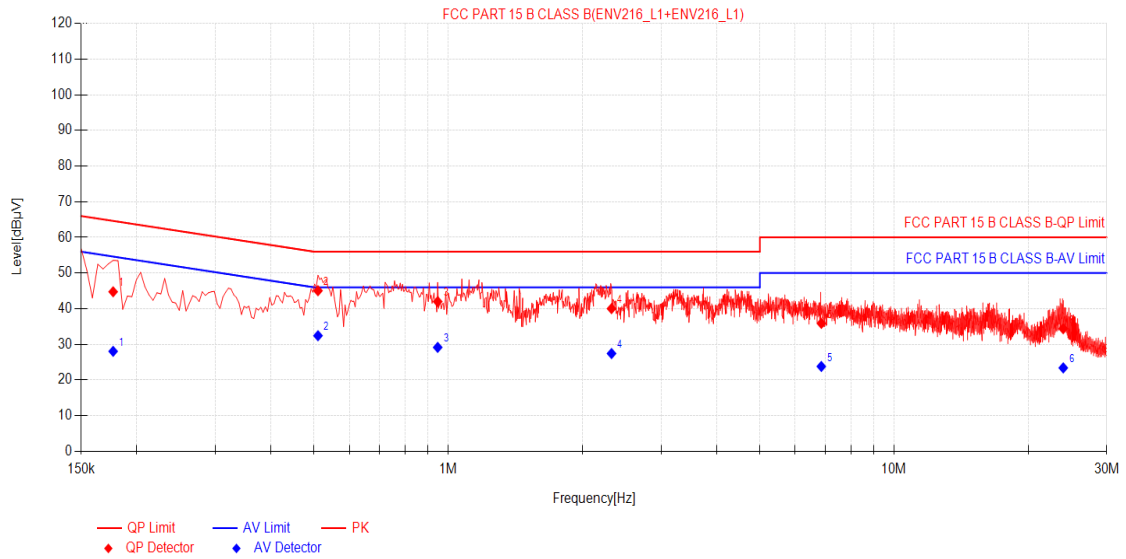
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Mode :d; Line:Live Line



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 [dB]	Verdict
1	0.1770	10.75	44.75	64.63	19.88	28.04	54.63	26.59	PASS
2	0.5100	10.61	45.05	56.00	10.95	32.43	46.00	13.57	PASS
3	0.9465	10.55	41.99	56.00	14.01	29.15	46.00	16.85	PASS
4	2.3235	10.67	40.02	56.00	15.98	27.43	46.00	18.57	PASS
5	6.8685	10.69	35.89	60.00	24.11	23.80	50.00	26.20	PASS
6	23.9685	10.31	34.40	60.00	25.60	23.40	50.00	26.60	PASS



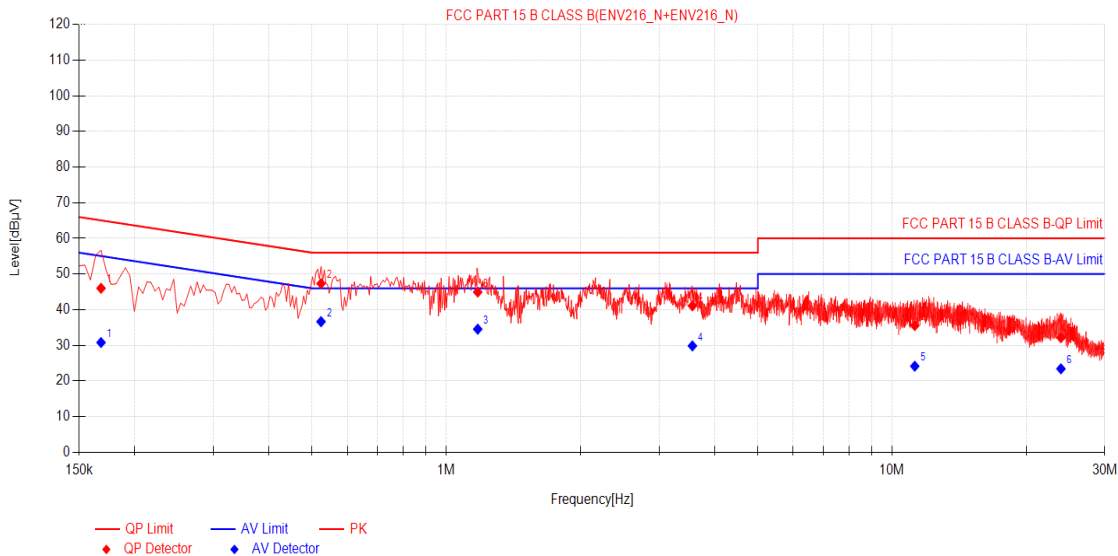
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Mode :d; Line:Neutral Line



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 [dB]	Verdict
1	0.1680	10.72	46.01	65.06	19.05	30.79	55.06	24.27	PASS
2	0.5235	10.78	47.33	56.00	8.67	36.65	46.00	9.35	PASS
3	1.1760	10.76	44.95	56.00	11.05	34.54	46.00	11.46	PASS
4	3.5655	10.68	41.08	56.00	14.92	29.84	46.00	16.16	PASS
5	11.2470	10.66	35.54	60.00	24.46	24.15	50.00	25.85	PASS
6	23.9325	10.51	32.16	60.00	27.84	23.43	50.00	26.57	PASS



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Report No.: SUZR/2021/9002605

Rev.: 01

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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:101.0 kPa

Pretest these modes to find the worst case:

a: Adaptor+USB+BT Idle+WLAN(2.4G)+Camera(Rear)+CDMA BC0

b: Adaptor+USB+BT Idle+WLAN(2.4G)+Camera(Front)+LTE Band 5

c: Adaptor+USB+BT Idle+WLAN(2.4G)+MP4+LTE Band 12

d: Transfer data between the EUT and the PC+USB+WLAN (2.4G) +GPS RX+LTE Band 26

e: Transfer data between the EUT and the PC+USB+WLAN (2.4G) +GPS RX+LTE Band 71

The worst case for final test:

c: Adaptor+USB+BT Idle+WLAN(2.4G)+MP4+LTE Band 12

d: Transfer data between the EUT and the PC+USB+WLAN (2.4G) +GPS RX+LTE Band 26



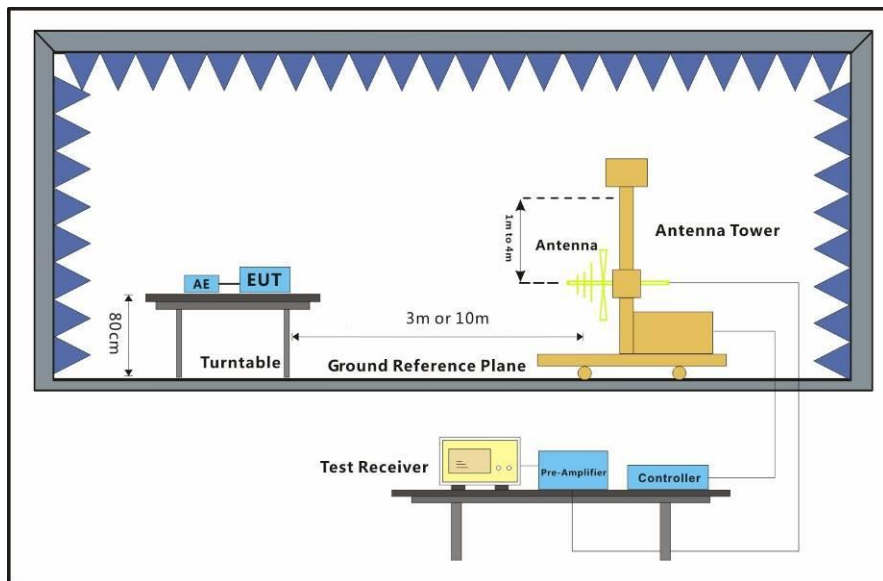
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2.2.2 Test Setup Procedures

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.

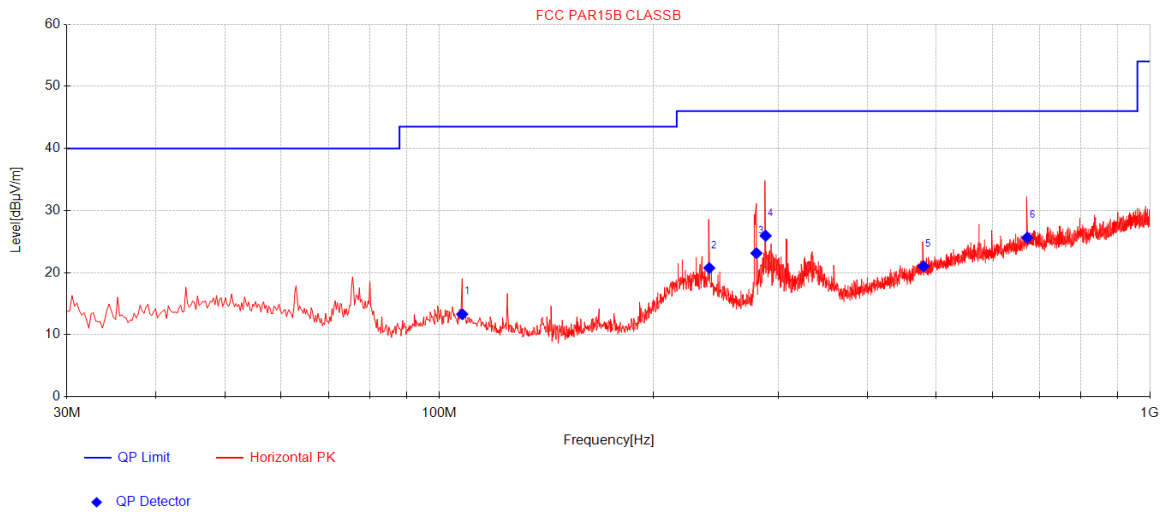


2.2.3 Measurement Data

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.



Mode :c; Polarization:Horizontal



Final Data List

NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	107.8425	30.01	-16.69	13.32	43.50	30.18	163	240	Horizontal
2	240.005	35.13	-14.38	20.75	46.00	25.25	188	260	Horizontal
3	279.5325	37.24	-14.11	23.13	46.00	22.87	121	340	Horizontal
4	288.02	39.22	-13.28	25.94	46.00	20.06	185	331	Horizontal
5	480.08	29.58	-8.56	21.02	46.00	24.98	215	99	Horizontal
6	671.8975	30.29	-4.65	25.64	46.00	20.36	102	85	Horizontal

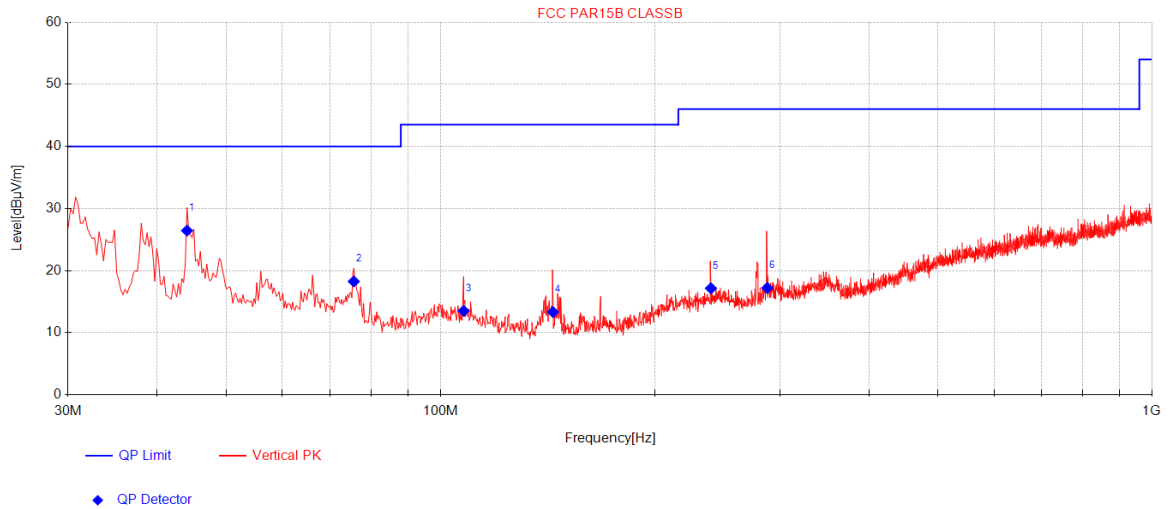


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Mode :c; Polarization:Vertical



Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	44.065	41.59	-15.14	26.45	40.00	13.55	126	357	Vertical
2	75.59	38.36	-20.10	18.26	40.00	21.74	199	310	Vertical
3	107.8425	30.22	-16.69	13.53	43.50	29.97	211	360	Vertical
4	143.975	33.29	-19.95	13.34	43.50	30.16	214	282	Vertical
5	240.005	31.54	-14.38	17.16	46.00	28.84	102	40	Vertical
6	288.02	30.5	-13.28	17.22	46.00	28.78	185	40	Vertical



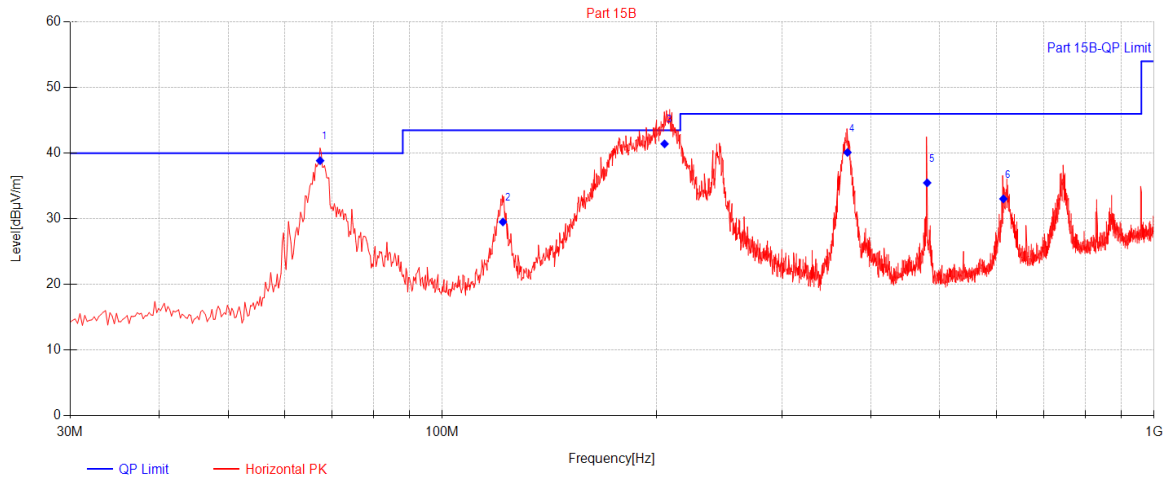
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Mode :d; Polarization:Horizontal



Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	67.345	64.02	-25.16	38.86	40.00	1.14	162	22	Horizontal
2	121.665	53.24	-23.73	29.51	43.50	13.99	185	1	Horizontal
3	205.2458	66.25	-24.83	41.42	43.50	2.08	175	360	Horizontal
4	370.955	60.02	-19.91	40.11	46.00	5.89	216	318	Horizontal
5	480.08	51.63	-16.15	35.48	46.00	10.52	162	225	Horizontal
6	614.1825	46.85	-13.81	33.04	46.00	12.96	185	298	Horizontal

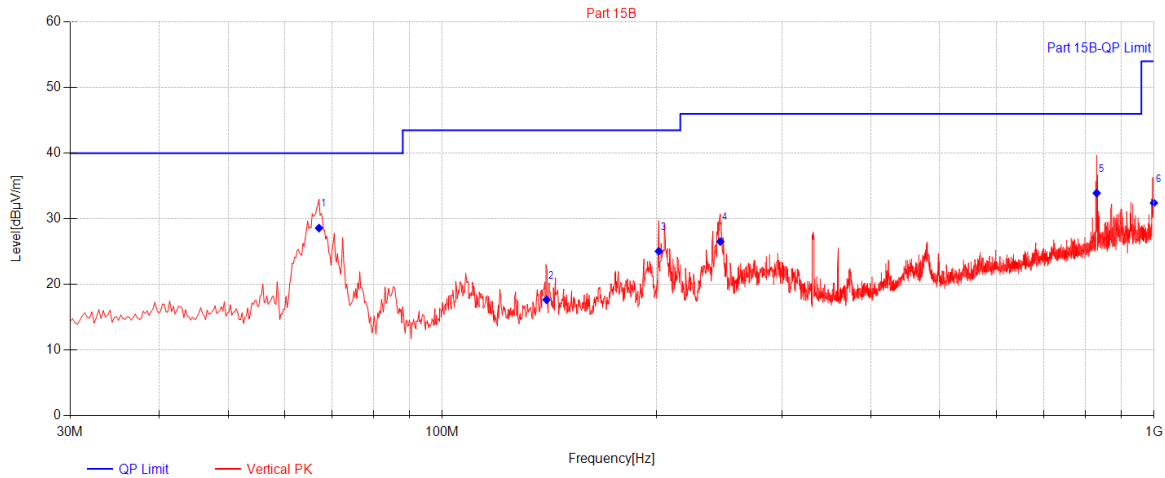


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Mode :d; Polarization:Vertical



Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	67.1025	53.69	-25.11	28.58	40.00	11.42	162	350	Vertical
2	140.095	39.68	-22.03	17.65	43.50	25.85	152	73	Vertical
3	201.4475	50.23	-25.19	25.04	43.50	18.46	102	32	Vertical
4	245.825	49.68	-23.15	26.53	46.00	19.47	161	11	Vertical
5	830.735	44.26	-10.35	33.91	46.00	12.09	155	0	Vertical
6	999.515	40.12	-7.71	32.41	54.00	21.59	164	32	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: 101.0 kPa

Pretest these a: Adaptor+USB+BT Idle+WLAN(2.4G)+Camera(Rear)+CDMA BC0

modes to find b: Adaptor+USB+BT Idle+WLAN(2.4G)+Camera(Front)+LTE Band 5

the worst case: c: Adaptor+USB+BT Idle+WLAN(2.4G)+MP4+LTE Band 12

d: Transfer data between the EUT and the PC+USB+WLAN (2.4G) +GPS RX+LTE Band 26

e: Transfer data between the EUT and the PC+USB+WLAN (2.4G) +GPS RX+LTE Band 71

The worst case b: Adaptor+USB+BT Idle+WLAN(2.4G)+Camera(Front)+LTE Band 5

for final test: e: Transfer data between the EUT and the PC+USB+WLAN (2.4G) +GPS RX+LTE Band 71



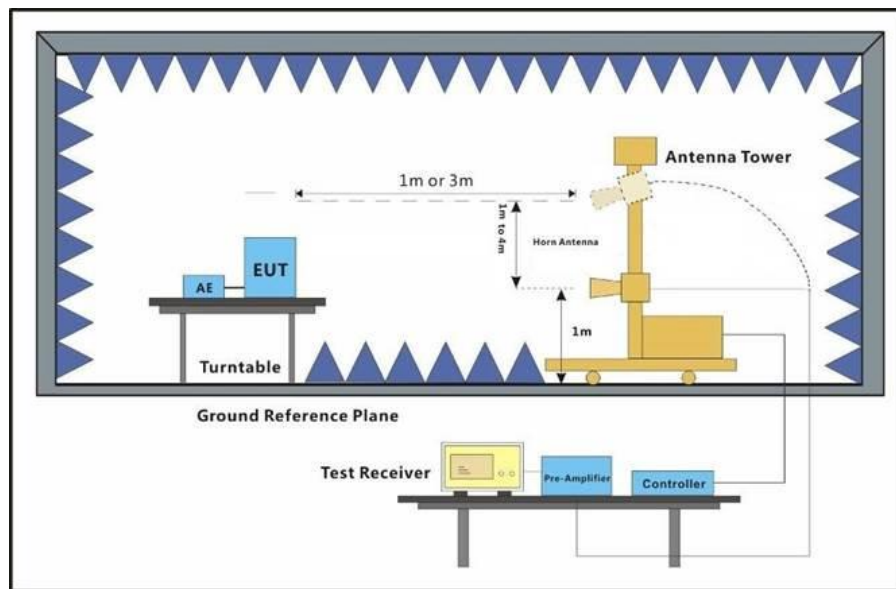
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2.3.2 Test Setup Procedures

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.



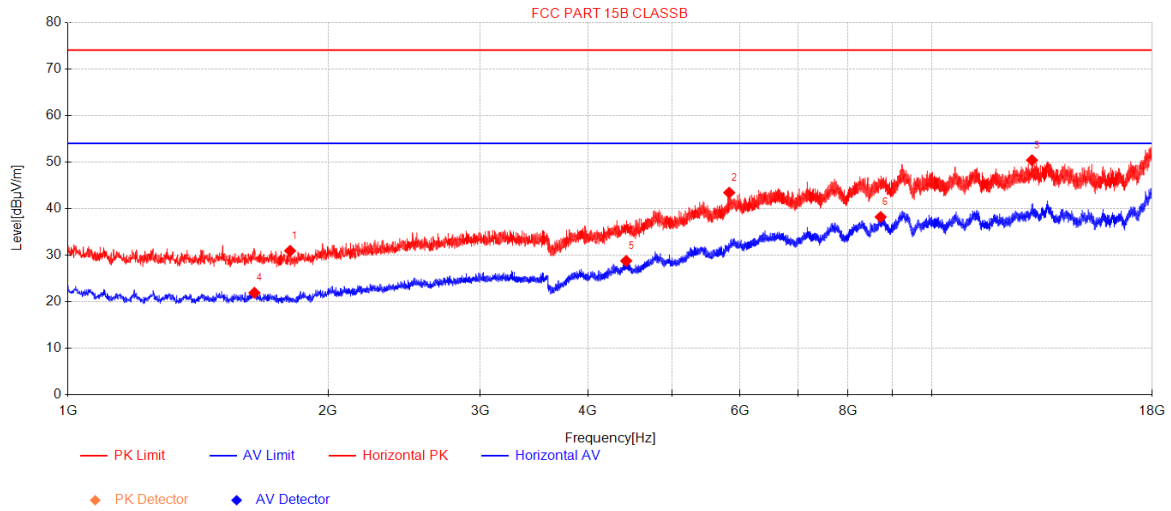
2.3.3 Measurement Data

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.



Mode :b; Polarization:Horizontal



Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1807.5	53.71	30.93	-22.78	74.00	43.07	301	230	Horizontal
2	5828.85	53.18	43.41	-9.77	74.00	30.59	189	19	Horizontal
3	13070	45.74	50.38	4.64	74.00	23.62	265	44	Horizontal
4	1643.45	44.73	21.91	-22.82	54.00	32.09	228	6	Horizontal
5	4428.9	42.23	28.76	-13.47	54.00	25.24	179	151	Horizontal
6	8729.9	39.31	38.18	-1.13	54.00	15.82	171	6	Horizontal



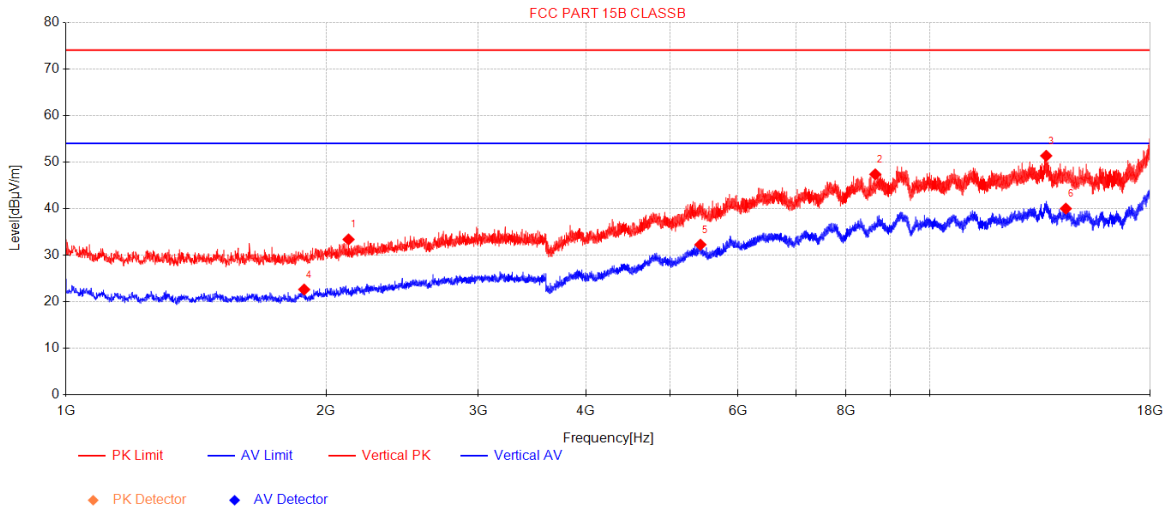
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Mode :b; Polarization:Vertical



Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2123.7	54.07	33.37	-20.70	74.00	40.63	182	335	Vertical
2	8650.85	48.71	47.34	-1.37	74.00	26.66	193	26	Vertical
3	13647.15	45.96	51.32	5.36	74.00	22.68	171	180	Vertical
4	1886.55	44.66	22.62	-22.04	54.00	31.38	152	129	Vertical
5	5427.65	43.50	32.25	-11.25	54.00	21.75	164	102	Vertical
6	14381.55	35.03	39.98	4.95	54.00	14.02	191	3	Vertical



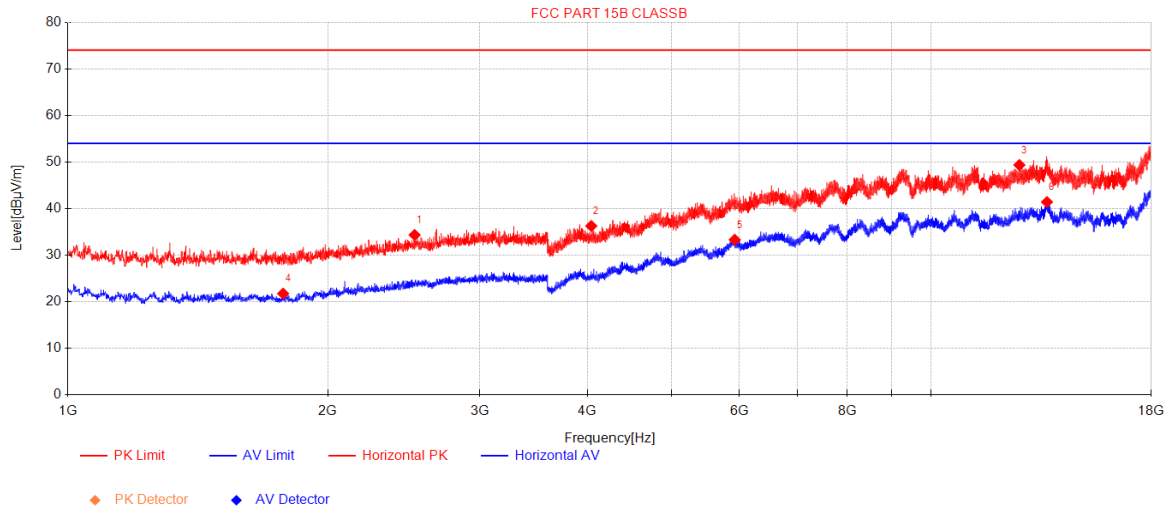
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Mode :e; Polarization:Horizontal



Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2521.5	53.20	34.33	-18.87	74.00	39.67	198	29	Horizontal
2	4040.45	51.06	36.26	-14.80	74.00	37.74	263	145	Horizontal
3	12666.25	45.35	49.35	4.00	74.00	24.65	231	254	Horizontal
4	1775.2	44.56	21.75	-22.81	54.00	32.25	228	50	Horizontal
5	5924.9	42.64	33.31	-9.33	54.00	20.69	170	288	Horizontal
6	13634.4	35.98	41.40	5.42	54.00	12.60	295	126	Horizontal



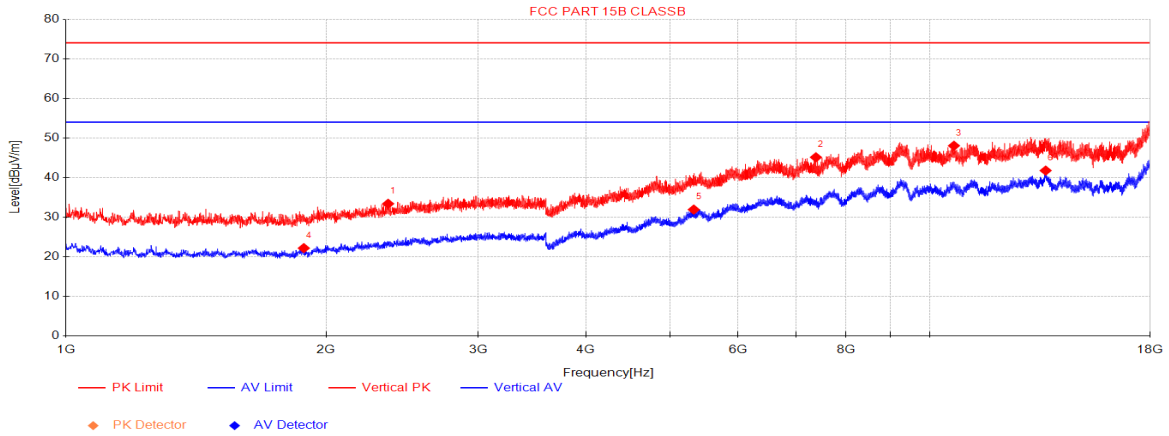
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Mode :e; Polarization:Vertical



Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2360	53.37	33.38	-19.99	74.00	40.62	129	26	Vertical
2	7384.35	50.54	45.12	-5.42	74.00	28.88	174	283	Vertical
3	10670.45	44.80	48.03	3.23	74.00	25.97	226	257	Vertical
4	1884.85	44.24	22.19	-22.05	54.00	31.81	302	306	Vertical
5	5331.6	43.41	31.92	-11.49	54.00	22.08	188	206	Vertical
6	13627.6	36.32	41.77	5.45	54.00	12.23	194	288	Vertical



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3 Equipment List

CE Test Equipment					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Shielding Room	Brilliant-emc	N/A	SUWI-04-03-01	2021/5/8	2024/5/7
Artificial network	ROHDE&SCHWARZ	ENV216	SUWI-01-19-01	2021/2/20	2022/2/19
Artificial network	ROHDE&SCHWARZ	ENV216	SUWI-01-19-02	2021/2/20	2022/2/19
Measurement Software	Tonscend	JS32-CE V4.0.0.2	SUWI-02-09-05	NCR	NCR
Test receiver	ROHDE&SCHWARZ	ESR7	SUWI-01-10-01	2021/2/20	2022/2/19
Temperature and humidity meter	MingGao	TH101B	SUWI-01-01-06	2021/2/20	2022/2/19



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RE Test Equipment					
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&SCHWARZ	FSW43	SUWI-01-02-04	2021/5/28	2022/5/27
Test receiver	ROHDE&SCHWARZ	ESR7	SUWI-01-10-01	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	TAP01018050	SUWI-01-14-02	2021/2/20	2022/2/19
Amplifier	Tonscend	TAP18040048	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	2023/6/9
Measurement Software	Tonscend	JS32-RE V3.0.0.3	SUWI-02-09-04	NCR	NCR
Wideband Radio Communication Tester	ROHDE&SCHWARZ	CMW500	SUWI-01-27-01	2021/9/28	2022/9/27



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4 Measurement Uncertainty

No.	Item	Measurement Uncertainty
1	Conduction Emission	± 2.90dB (150kHz to 30MHz)
2	Radiated Emission	± 4.8dB (30MHz to 1GHz)
		± 4.8dB (1GHz to 18GHz)
		± 4.8dB (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

The End



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