

Report No.: SEWM2207000111RG05

Rev.: 01

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TEST REPORT

Application No: SEWM2207000111RG
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: Tablet Computer
Model No.: 22081283G
Trade Mark: Redmi
FCC ID: 2AFZZ283G
Standard(s): FCC 47 CFR Part 15, Subpart B
Date of Receipt: 2022/7/7
Date of Test: 2022/7/18 to 2022/7/19
Date of Issue: 2022/7/21

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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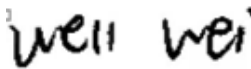
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Revision Record				
Version	Chapter	Date	Modifier	Remark
01		2022/7/21		Original

Prepared By	
	(Weller Liu) / Test Supervisor
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)	FCC 47 CFR Part 15, Subpart B	ANSI C63.4:2014	Class B	Pass
Radiated Emissions (30MHz-1GHz)	FCC 47 CFR Part 15, Subpart B	ANSI C63.4:2014	Class B	Pass
Radiated Emissions (above 1GHz)	FCC 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:	Tablet Computer		
Model No. (EUT):	22081283G		
Trade Mark:	Redmi		
Hardware Version:	P1.1		
Software Version:	MIUI 13		
Frequency Bands:	Band	Tx (MHz)	Rx (MHz)
	Wi-Fi 2.4G	2412~2462	2412~2462
	Bluetooth	2402~2480	2402~2480
	Wi-Fi 5G	5150~5850	5150~5850
Remark: As above information is provided and confirmed by the applicant. SGS is not liable to the accuracy, suitability, reliability or/and integrity of the information.			

Accessory:

Adapter No.	Model No.	Specification
1	MDY-11-EQ	Xiaomi Communications Co.,Ltd.

Cable No.	Model No.	Manufacturer
1	K73312	Keli



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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:	King-p Li

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		
Receiver Setup:	RBW = 9kHz, VBW = 30kHz		
Limit:	Frequency Range (MHz)	Limit(dBμV)	
		Quasi-peak	average
	0.15M-0.5MHz	66 ~ 56*	56 ~ 46*
	0.5M-5MHz	56	46
	5M-30MHz	60	50
*Decreases with the logarithm of the frequency Detector: Peak for pre-scan (9kHz resolution bandwidth) 0.15M to 30MHz			

2.1.1 E.U.T. Operation

Operating Environment:

Temperature:	22~25°C
Humidity:	44~60%RH
Atmospheric Pressure:	101.0kPa
Pretest these modes to find the worst case:	a: Adaptor+USB+BT Idle+WLAN(2.4G)+Camera(Rear)-6+128G b: Adaptor+USB+BT Idle+WLAN(5G)+Camera(Front)-6+128G c: Adaptor+USB+BT Idle+WLAN(2.4G)+MP4-6+128G d: Adaptor+USB+BT Idle+WLAN(5G)+Scan Code-6+128G e: Adaptor+USB+BT Idle+WLAN(2.4G) -6+128G f: Transfer data between the EUT and the PC+USB cable-6+128G g: Adaptor+USB+BT Idle+WLAN(5G)+Camera(Front)-4+128G h: Transfer data between the EUT and the PC+USB cable-4+128G i: Adaptor+USB+BT Idle+WLAN(5G)+Camera(Front)-3+64G j: Transfer data between the EUT and the PC+USB cable-3+64G
The worst case for final test:	e: Adaptor+USB+BT Idle+WLAN(2.4G) -6+128G h: Transfer data between the EUT and the PC+USB cable-4+128G



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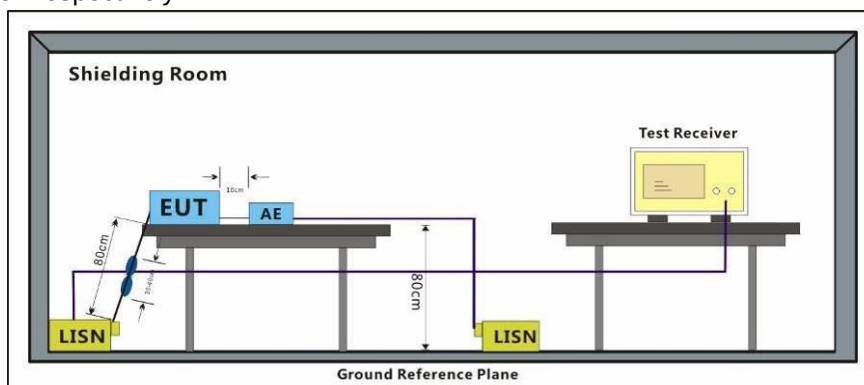
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2.1.2 Test Setup Procedures

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.



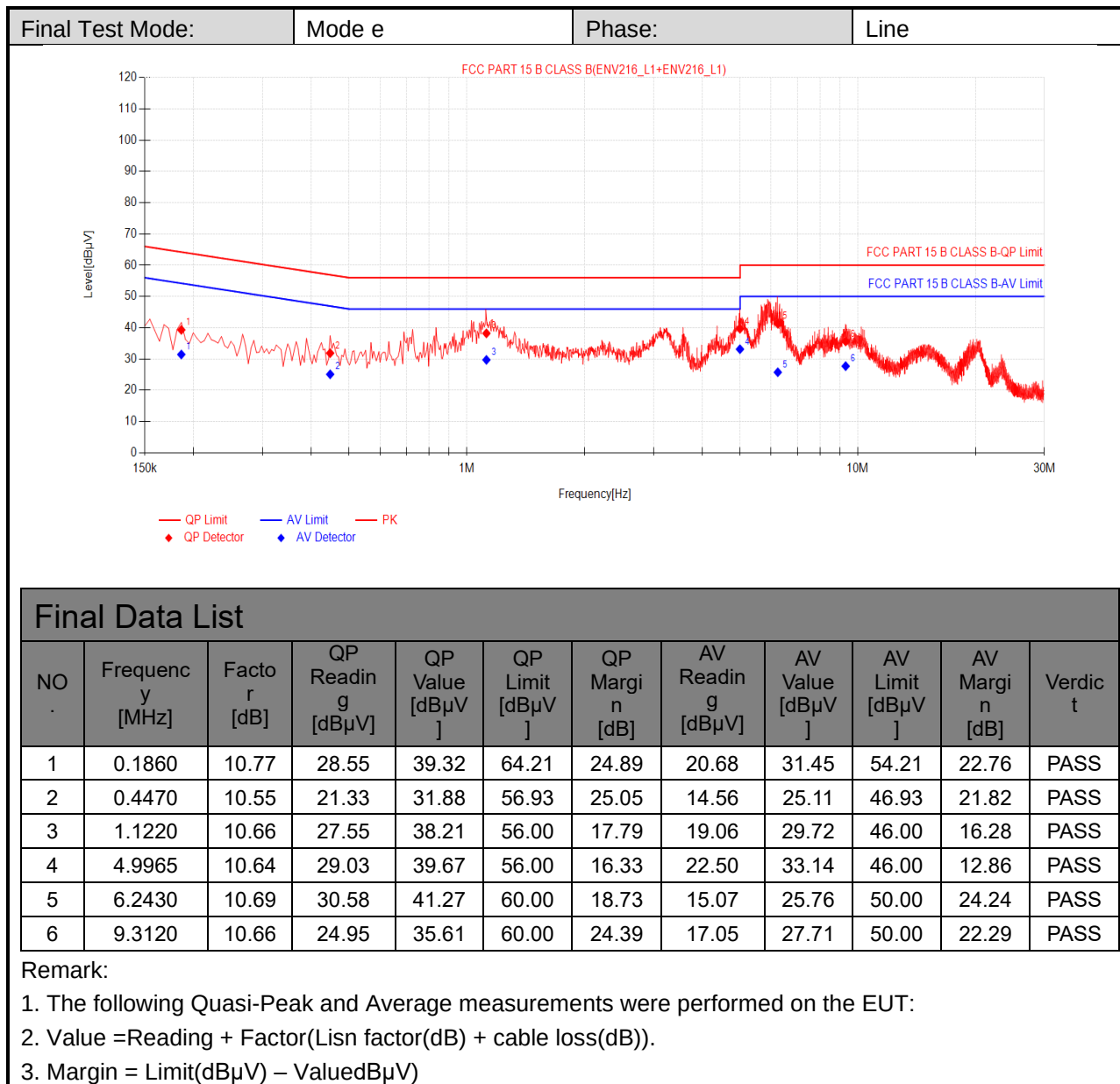
2.1.3 Measurement Data

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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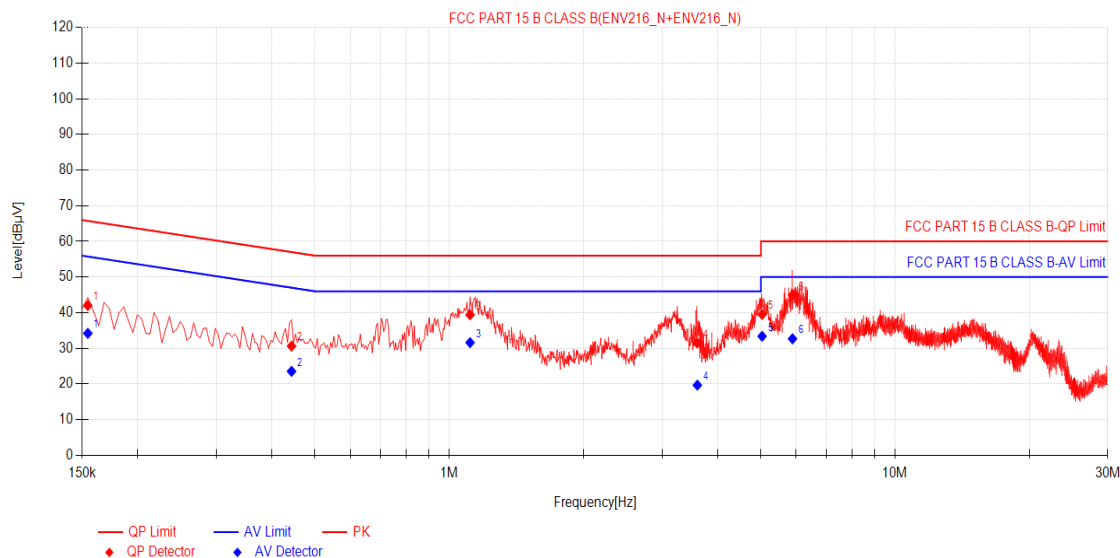
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Final Test Mode:

Mode e

Phase:

Neutral



Final Data List

NO	Frequency [MHz]	Factor [dB]	QP Reading [dBμV]	QP Value [dBμV]	QP Limit [dBμV]	QP Margin [dB]	AV Reading [dBμV]	AV Value [dBμV]	AV Limit [dBμV]	AV Margin [dB]	Verdict
1	0.1545	10.72	31.31	42.03	65.75	23.72	23.49	34.21	55.75	21.54	PASS
2	0.4425	10.83	19.81	30.64	57.01	26.37	12.73	23.56	47.01	23.45	PASS
3	1.1130	10.71	28.70	39.41	56.00	16.59	20.91	31.62	46.00	14.38	PASS
4	3.6015	10.68	20.82	31.50	56.00	24.50	9.00	19.68	46.00	26.32	PASS
5	5.0325	10.64	28.87	39.51	60.00	20.49	22.75	33.39	50.00	16.61	PASS
6	5.8875	10.58	34.37	44.95	60.00	15.05	22.10	32.68	50.00	17.32	PASS

Remark:

- The following Quasi-Peak and Average measurements were performed on the EUT:
- Value = Reading + Factor (Lisn factor (dB) + cable loss (dB)).
- Margin = Limit (dBμV) – Value (dBμV)



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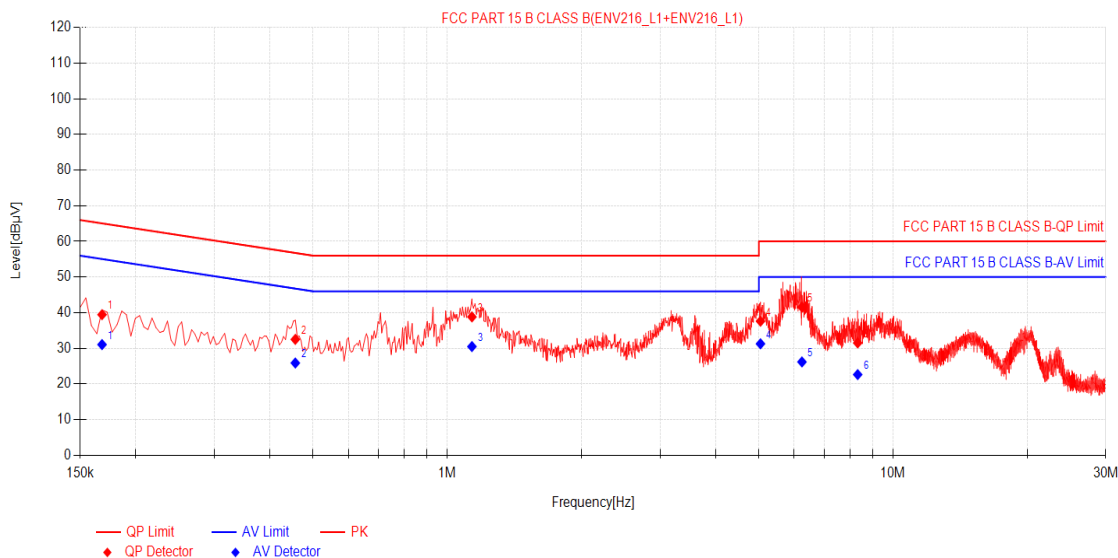
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Final Test Mode:

Mode h

Phase:

Line



Final Data List

NO	Frequency [MHz]	Factor [dB]	QP Reading [dBμV]	QP Value [dBμV]	QP Limit [dBμV]	QP Margin [dB]	AV Reading [dBμV]	AV Value [dBμV]	AV Limit [dBμV]	AV Margin [dB]	Verdict
1	0.1680	10.71	28.74	39.45	65.06	25.61	20.36	31.07	55.06	23.99	PASS
2	0.4560	10.56	21.96	32.52	56.77	24.25	15.33	25.89	46.77	20.88	PASS
3	1.1355	10.68	28.15	38.83	56.00	17.17	19.82	30.50	46.00	15.50	PASS
4	5.0415	10.64	26.98	37.62	60.00	22.38	20.64	31.28	50.00	18.72	PASS
5	6.2475	10.69	30.86	41.55	60.00	18.45	15.50	26.19	50.00	23.81	PASS
6	8.3310	10.68	20.84	31.52	60.00	28.48	11.96	22.64	50.00	27.36	PASS

Remark:

1. The following Quasi-Peak and Average measurements were performed on the EUT:
2. Value = Reading + Factor (Lisn factor (dB) + cable loss (dB)).
3. Margin = Limit (dBμV) – Value (dBμV)



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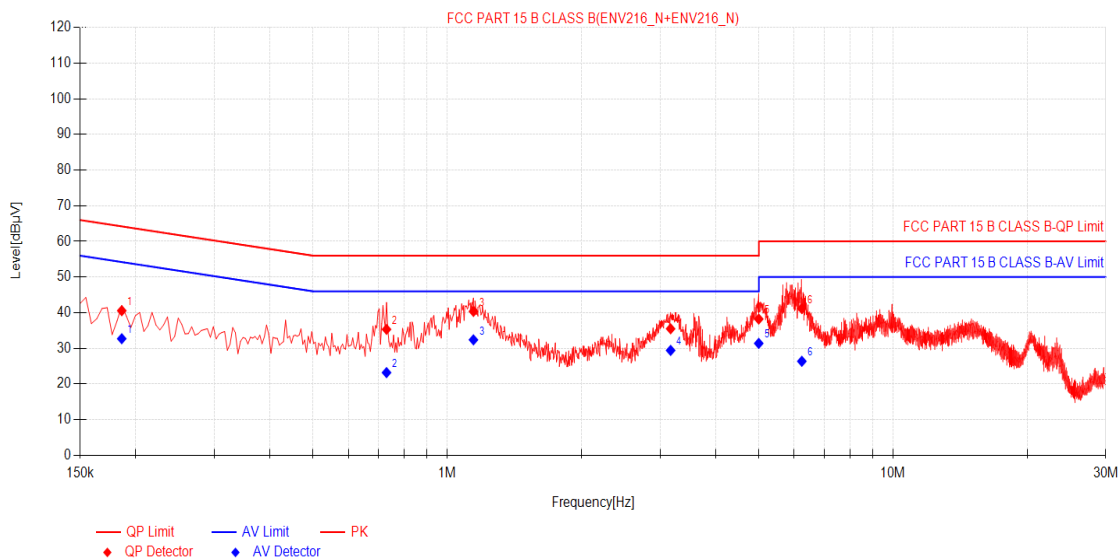
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Final Test Mode:

Mode h

Phase:

Neutral



Final Data List

NO	Frequency [MHz]	Factor [dB]	QP Reading [dBμV]	QP Value [dBμV]	QP Limit [dBμV]	QP Margin [dB]	AV Reading [dBμV]	AV Value [dBμV]	AV Limit [dBμV]	AV Margin [dB]	Verdict
1	0.1860	10.68	29.88	40.56	64.21	23.65	22.03	32.71	54.21	21.50	PASS
2	0.7305	10.81	24.52	35.33	56.00	20.67	12.39	23.20	46.00	22.80	PASS
3	1.1445	10.74	29.63	40.37	56.00	15.63	21.65	32.39	46.00	13.61	PASS
4	3.1695	10.61	24.88	35.49	56.00	20.51	18.81	29.42	46.00	16.58	PASS
5	4.9965	10.64	27.59	38.23	56.00	17.77	20.75	31.39	46.00	14.61	PASS
6	6.2430	10.57	30.60	41.17	60.00	18.83	15.81	26.38	50.00	23.62	PASS

Remark:

- The following Quasi-Peak and Average measurements were performed on the EUT:
- Value = Reading + Factor (Lisn factor (dB) + cable loss (dB)).
- Margin = Limit (dBμV) – Value (dBμV)



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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:	Frequency Range (MHz)	Limit(dBμV/m)	Detector
	30MHz -88MHz	40.0	Quasi-peak
	88MHz-216MHz	43.5	Quasi-peak
	216MHz-960MHz	46.0	Quasi-peak
	960MHz-1000MHz	54.0	Quasi-peak
Detector:	Peak for pre-scan (120kHz resolution bandwidth) 30M to1000MHz		

2.2.1 E.U.T. Operation

Temperature:	22~25°C
Humidity:	44~60%RH
Atmospheric Pressure:	101.0kPa
Pretest these modes to find the worst case:	a: Adaptor+USB+BT Idle+WLAN(2.4G)+Camera(Rear)-6+128G b: Adaptor+USB+BT Idle+WLAN(5G)+Camera(Front)-6+128G c: Adaptor+USB+BT Idle+WLAN(2.4G)+MP4-6+128G d: Adaptor+USB+BT Idle+WLAN(5G)+Scan Code-6+128G e: Adaptor+USB+BT Idle+WLAN(2.4G) -6+128G f: Transfer data between the EUT and the PC+USB cable-6+128G g: Adaptor+USB+BT Idle+WLAN(5G)+Camera(Front)-4+128G h: Transfer data between the EUT and the PC+USB cable-4+128G i: Adaptor+USB+BT Idle+WLAN(5G)+Camera(Front)-3+64G j: Transfer data between the EUT and the PC+USB cable-3+64G
The worst case for final test:	b: Adaptor+USB+BT Idle+WLAN(5G)+Camera(Front)-6+128G h: Transfer data between the EUT and the PC+USB cable-4+128G



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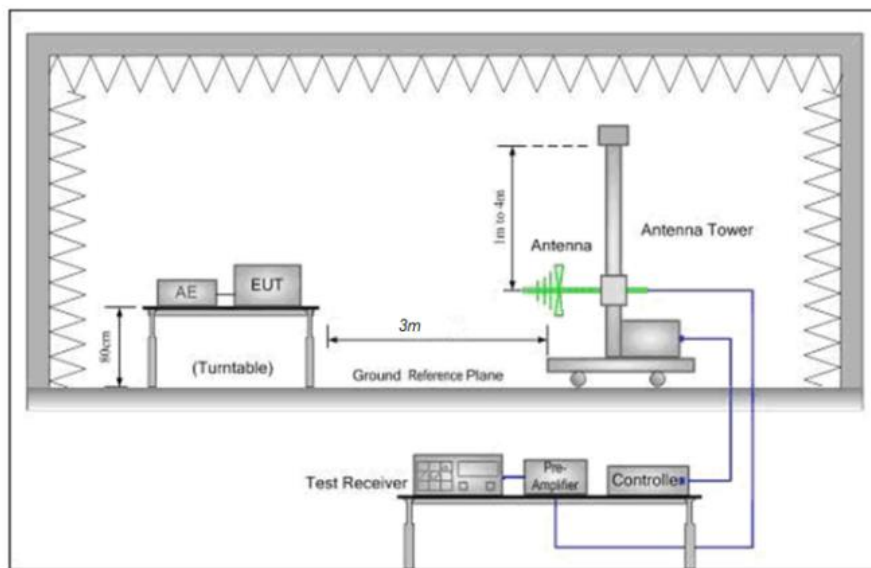
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2.2.2 Test Setup Procedures

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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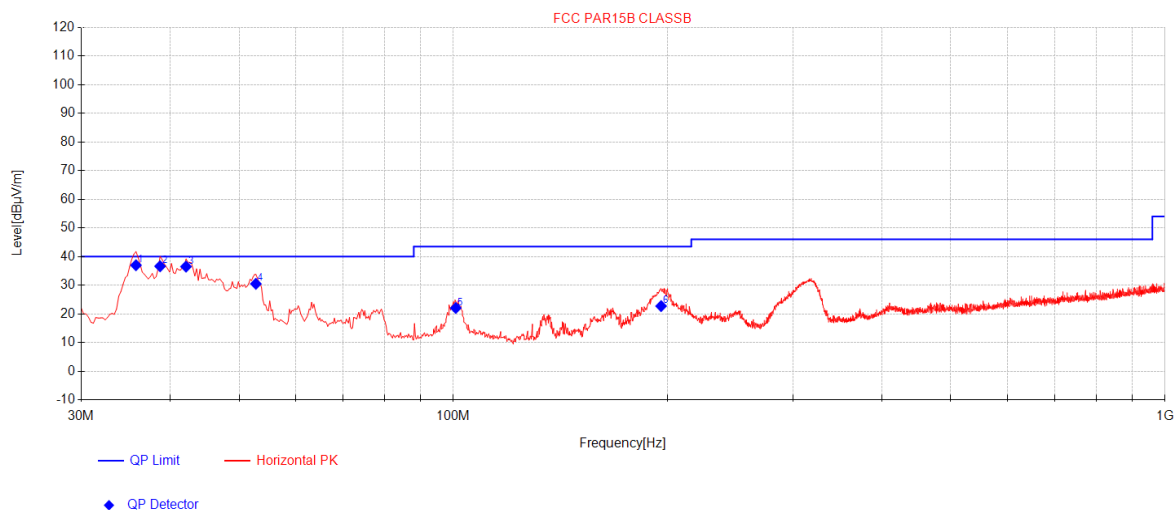
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Final Test Mode:

Mode b

Polarization:

Horizontal



Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	35.82	54.33	10.93	-28.29	36.97	40.00	3.03	102	267	Horizontal
2	38.73	53.02	11.74	-28.14	36.62	40.00	3.38	163	132	Horizontal
3	42.125	52.03	12.53	-28.07	36.49	40.00	3.51	251	33	Horizontal
4	52.795	45.26	13.13	-27.90	30.49	40.00	9.51	142	246	Horizontal
5	100.81	38.62	10.79	-27.36	22.05	43.50	21.45	185	339	Horizontal
6	195.87	39.68	10.15	-27.10	22.72	43.50	20.78	266	53	Horizontal

Remark:

1. The Quasi-Peak measurements were performed on the EUT.

2. Level = Reading Level + AF + Factor:

AF = Antenna Factor(dB/m)

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

Margin = Limit – Level



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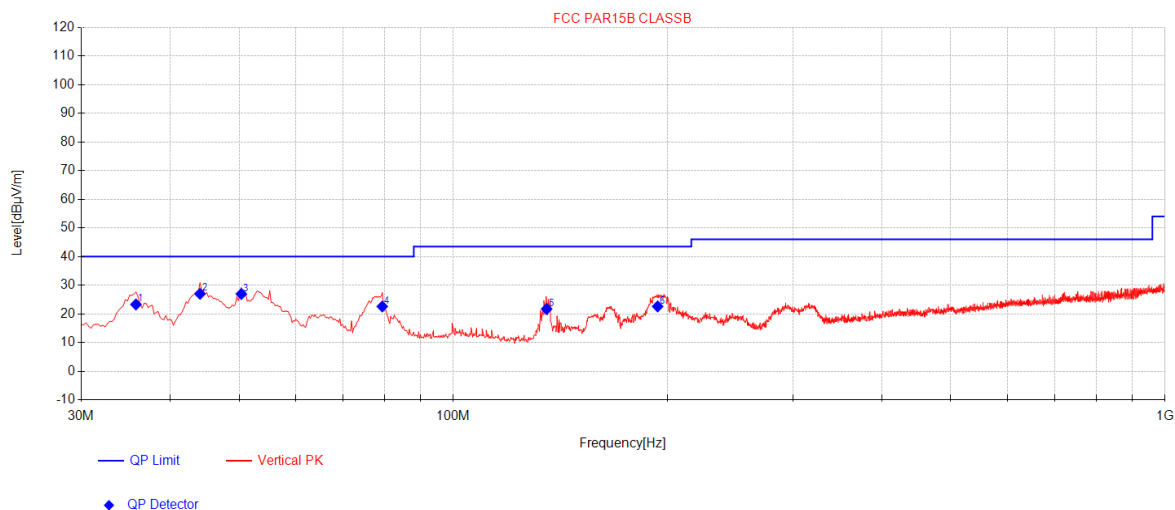
Page: 16 of 28

Final Test Mode:

Mode b

Polarization:

Vertical



Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	35.82	40.65	10.93	-28.29	23.29	40.00	16.71	163	93	Vertical
2	44.065	42.13	12.91	-28.05	26.99	40.00	13.01	251	216	Vertical
3	50.37	41.22	13.71	-28.00	26.94	40.00	13.06	142	269	Vertical
4	79.47	43.42	7.09	-27.93	22.58	40.00	17.42	263	360	Vertical
5	135.245	41.03	7.83	-27.14	21.72	43.50	21.78	265	319	Vertical
6	193.6875	39.86	9.91	-27.16	22.61	43.50	20.89	241	175	Vertical

Remark:

1. The Quasi-Peak measurements were performed on the EUT.

2. Level = Reading Level + AF + Factor:

AF = Antenna Factor(dB/m)

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

Margin = Limit – Level



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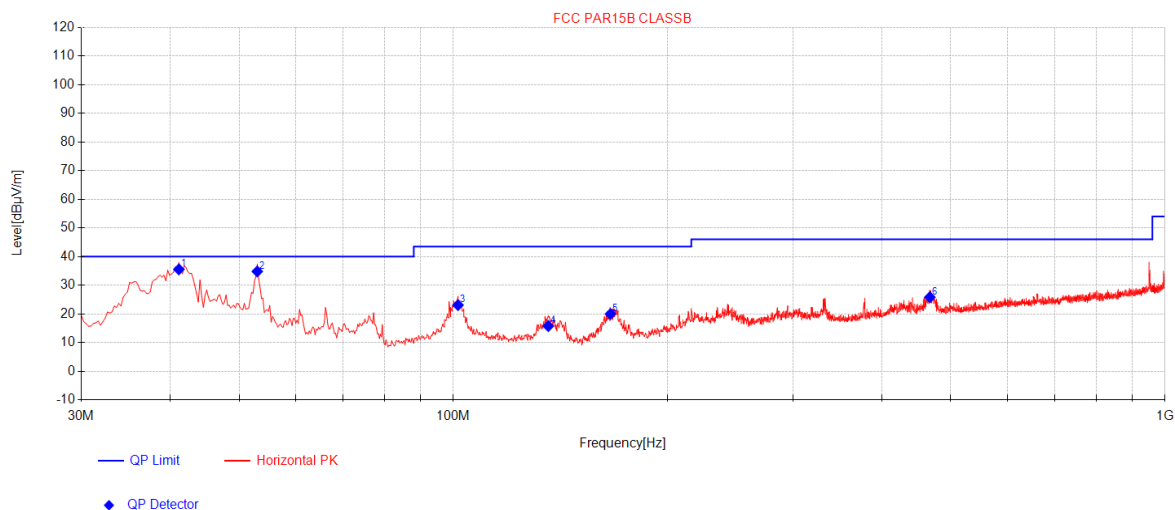
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Final Test Mode:

Mode h

Polarization:

Horizontal



Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	41.155	51.26	12.33	-28.07	35.52	40.00	4.48	286	185	Horizontal
2	53.0375	49.63	13.07	-27.89	34.81	40.00	5.19	241	354	Horizontal
3	101.5375	39.65	10.78	-27.37	23.07	43.50	20.43	123	304	Horizontal
4	135.9725	35.12	7.78	-27.14	15.76	43.50	27.74	241	142	Horizontal
5	166.285	38.66	7.86	-26.58	19.95	43.50	23.55	102	108	Horizontal
6	467.2275	34.68	16.21	-25.08	25.81	46.00	20.19	107	31	Horizontal

Remark:

1. The Quasi-Peak measurements were performed on the EUT.

2. Level = Reading Level + AF + Factor:

AF = Antenna Factor(dB/m)

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

Margin = Limit – Level



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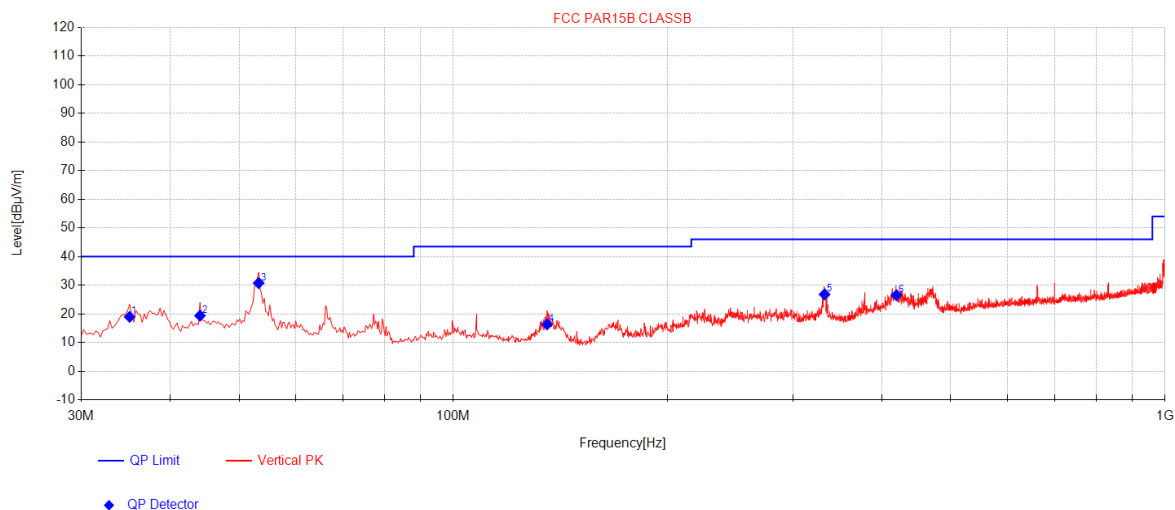
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Final Test Mode:

Mode h

Polarization:

Vertical



Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	35.0925	36.56	10.73	-28.33	18.96	40.00	21.04	102	279	Vertical
2	44.065	34.52	12.91	-28.05	19.38	40.00	20.62	142	246	Vertical
3	53.28	45.62	13.01	-27.89	30.75	40.00	9.25	152	338	Vertical
4	135.4875	35.68	7.82	-27.14	16.35	43.50	27.15	263	359	Vertical
5	332.3975	38.52	14.07	-25.79	26.80	46.00	19.20	251	70	Vertical
6	419.455	35.85	16.09	-25.41	26.52	46.00	19.48	107	149	Vertical

Remark:

1. The Quasi-Peak measurements were performed on the EUT.

2. Level = Reading Level + AF + Factor:

AF = Antenna Factor(dB/m)

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

Margin = Limit – Level



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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:	Frequency (MHz)	Limit (dBμV/m)	Detector
	Above 1GHz	74	Peak
		54	Average
Detector:	Peak for pre-scan (1000kHz resolution bandwidth) 5th harmonic of the highest frequency or 40GHz, whichever is lower.		

2.3.1 E.U.T. Operation

Temperature:	22~25°C
Humidity:	44~60%RH
Atmospheric Pressure:	101.0kPa
Pretest these modes to find the worst case:	a: Adaptor+USB+BT Idle+WLAN(2.4G)+Camera(Rear)-6+128G b: Adaptor+USB+BT Idle+WLAN(5G)+Camera(Front)-6+128G c: Adaptor+USB+BT Idle+WLAN(2.4G)+MP4-6+128G d: Adaptor+USB+BT Idle+WLAN(5G)+Scan Code-6+128G e: Adaptor+USB+BT Idle+WLAN(2.4G) -6+128G f: Transfer data between the EUT and the PC+USB cable-6+128G g: Adaptor+USB+BT Idle+WLAN(5G)+Camera(Front)-4+128G h: Transfer data between the EUT and the PC+USB cable-4+128G i: Adaptor+USB+BT Idle+WLAN(5G)+Camera(Front)-3+64G j: Transfer data between the EUT and the PC+USB cable-3+64G
The worst case for final test:	a: Adaptor+USB+BT Idle+WLAN(2.4G)+Camera(Rear)-6+128G h: Transfer data between the EUT and the PC+USB cable-4+128G



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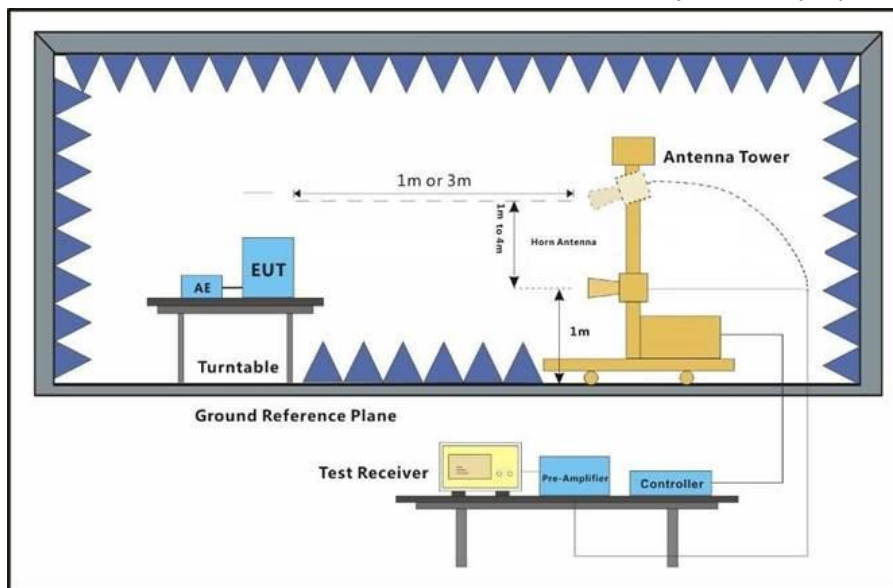
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2.3.2 Test Setup Procedures

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
(Distance from antenna to EUT is 1m for measurements >18GHz).
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.
7. At a measurement distance of 1 meter the limit line was increased by $20 \cdot \text{LOG}(3/1) = 9.54 \text{ dB}$.



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.

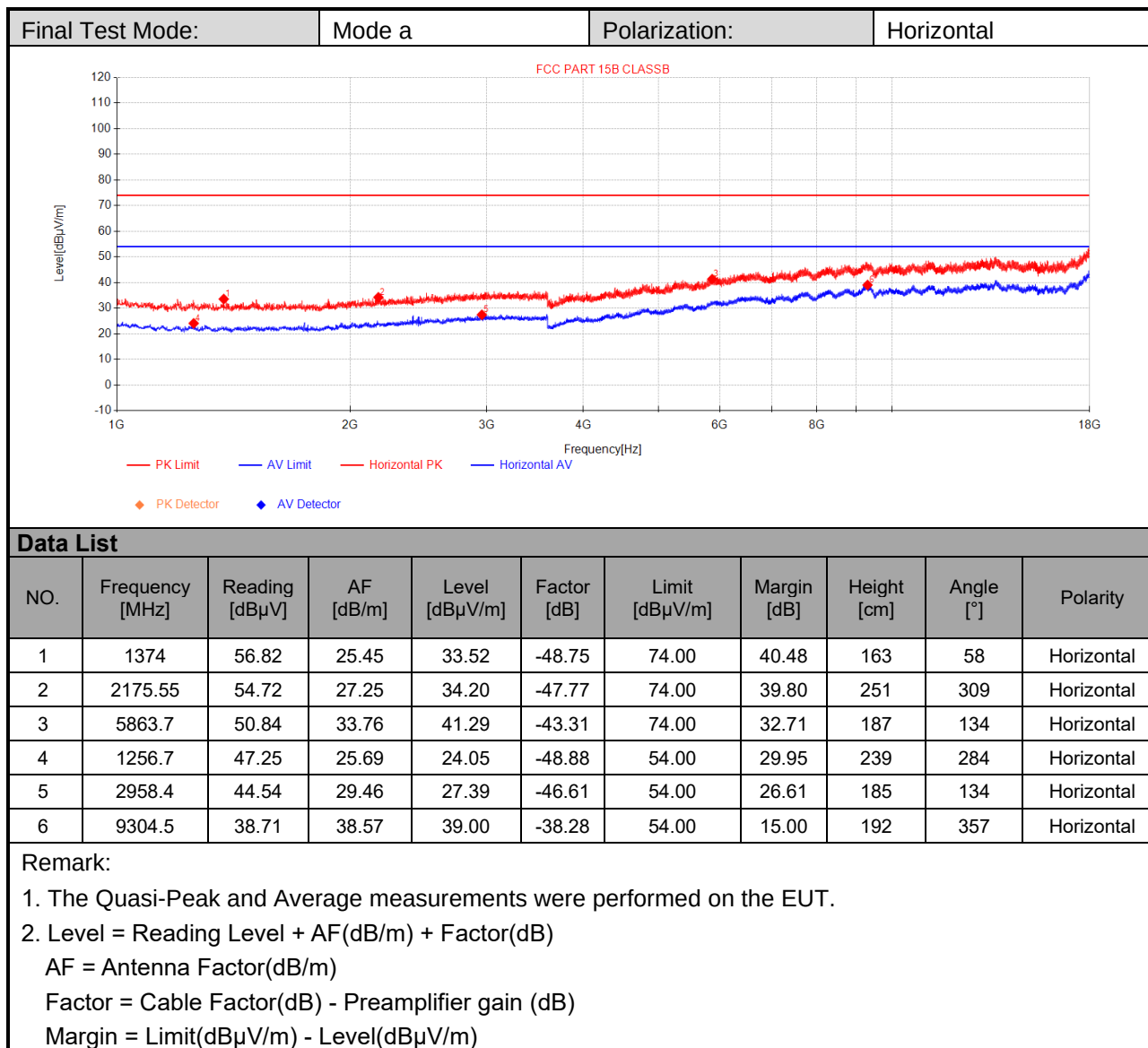
The three polarities of X, Y, Z were measured by EUT, but only the worst data had been displayed.

Scan from 5th harmonic of the highest frequency or 40GHz, whichever is lower, 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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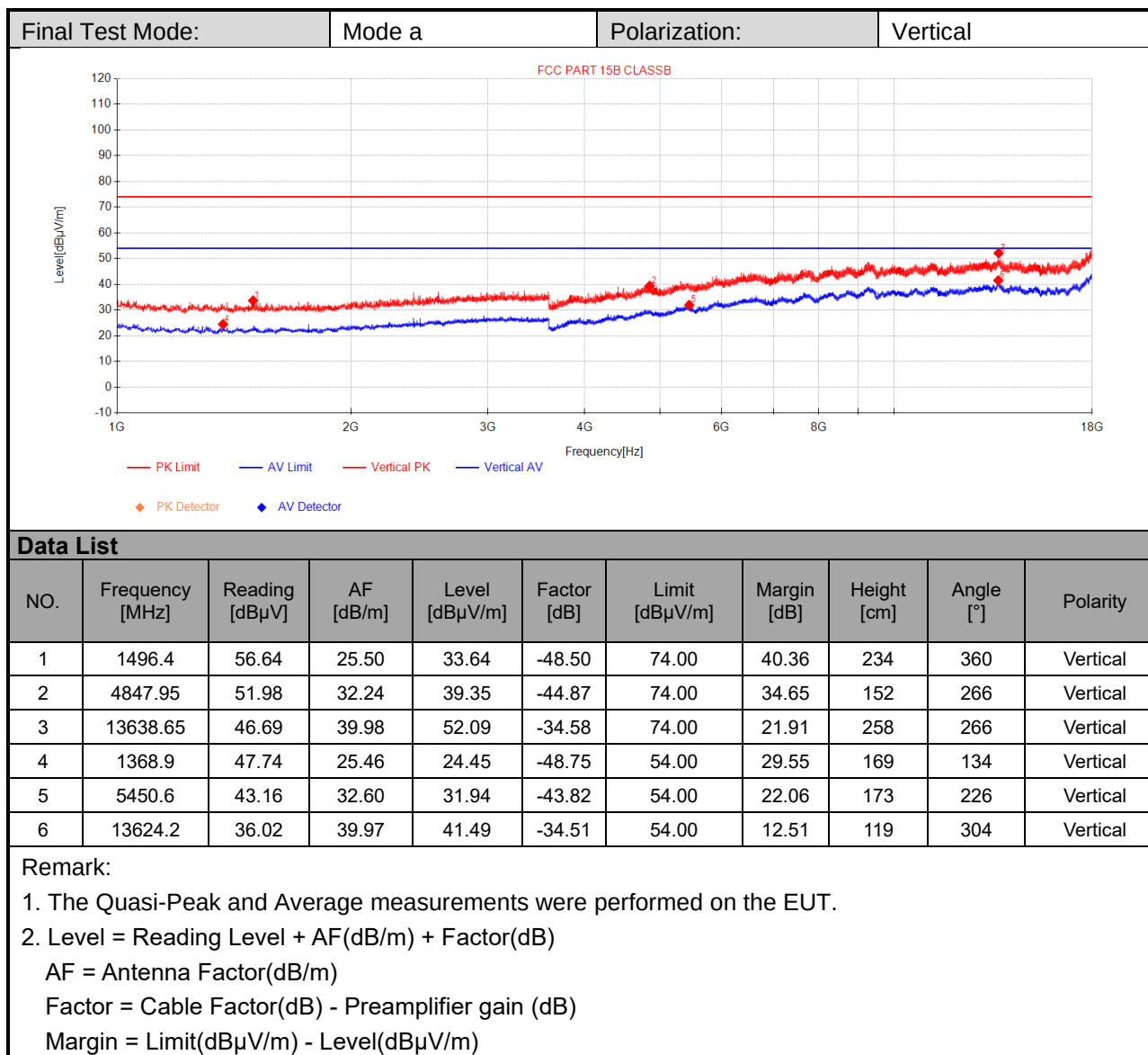
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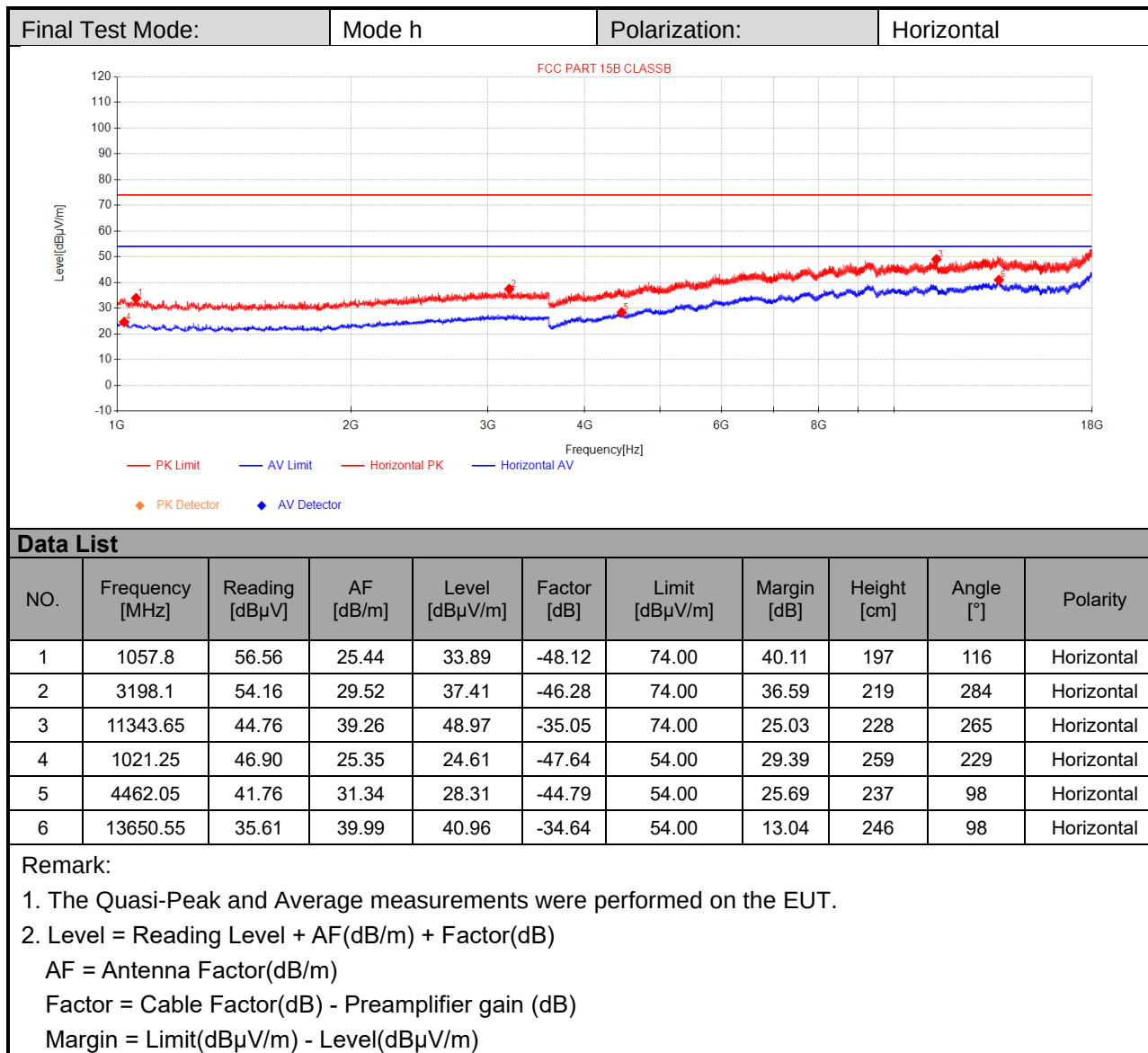
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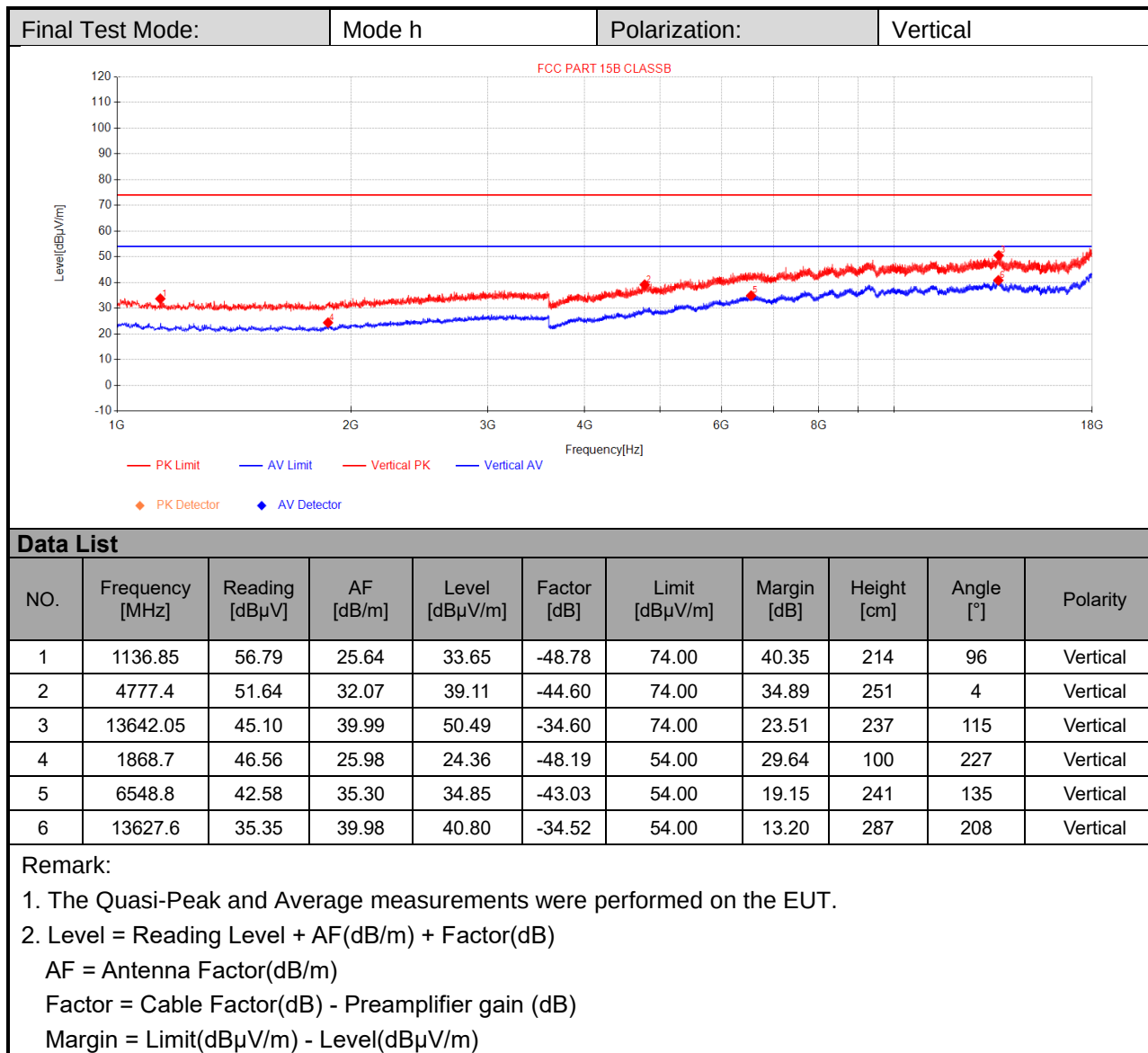
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3 Equipment List

CE Test System					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Shielding Room	Brilliant-emc	N/A	SUWI-04-03-01	2021/05/08	2024/05/07
Temperature and humidity meter	MingGao	TH101B	SUWI-01-01-06	2022/02/16	2023/02/15
Test receiver	ROHDE&SCHWARZ	ESR7	SUWI-01-10-01	2022/02/19	2023/02/18
Artificial network	ROHDE&SCHWARZ	ENV216	SUWI-01-19-01	2022/02/19	2023/02/18
Artificial network	ROHDE&SCHWARZ	ENV216	SUWI-01-19-02	2022/02/19	2023/02/18
Measurement Software CE	Tonsend	JS32-CE V4.0.0.2	SUWI-02-09-05	NCR	NCR



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RE Test System					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Semi-Anechoic Chamber	Brilliant-emc	N/A	SUWI-04-02-01	2021/05/08	2024/05/07
Temperature and humidity meter	MingGao	TH101B	SUWI-01-01-05	2022/02/16	2023/02/15
Signal Analyzer	ROHDE&SCHWARZ	FSW43	SUWI-01-02-04	2022/05/28	2023/05/27
Test receiver	ROHDE&SCHWARZ	ESR7	SUWI-01-10-01	2022/02/19	2023/02/18
Receiving antenna	SCHWRZBECK MESS- ELEKTRONIK	VULB 9163	SUWI-01-11-01	2021/05/16	2023/05/15
Receiving antenna	SCHWRZBECK MESS- ELEKTRONIK	BBHA 9120D	SUWI-01-11-02	2021/05/16	2023/05/15
Receiving antenna	SCHWRZBECK MESS- ELEKTRONIK	BBHA 9170	SUWI-01-11-03	2021/05/14	2023/05/13
Amplifier	Tonscend	TAP9K3G40	SUWI-01-14-01	2022/02/14	2023/02/13
Amplifier	Tonscend	TAP01018050	SUWI-01-14-02	2022/02/14	2023/02/13
Amplifier	Tonscend	TAP18040048	SUWI-01-14-03	2022/02/19	2023/02/18
Active Loop Antenna	SCHWRZBECK MESS- ELEKTRONIK	FMZB 1519B	SUWI-01-21-01	2021/06/10	2023/06/09
Measurement Software	Tonscend	JS32-RE V4.0.0.0	SUWI-02-09-04	NCR	NCR



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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	$\pm 4.8\text{dB}$ (Below 1GHz)
		$\pm 4.8\text{dB}$ (1GHz to 18GHz)
		$\pm 4.8\text{dB}$ (Above 18GHz)

Remark:
 The U_{lab} (lab Uncertainty) is less than $U_{\text{CISPR/ETSI}}$ (CISPR/ETSI Uncertainty), so the test results
 – compliance is deemed to occur if no measured disturbance level exceeds the disturbance limit;
 – non-compliance is deemed to occur if any measured disturbance level exceeds the disturbance limit.



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5 Photographs

5.1 Test Setup

Refer to Appendix A.1 15B Setup Photos.

- End of the Report -



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