

TEST REPORT

Application No.: SUCR2603000161WM
Applicant: CROSSCALL
Address of Applicant: 245, Rue Paul Langevin 13290, Aix-en-Provence, France
Manufacturer: CROSSCALL
Address of Manufacturer: 245, Rue Paul Langevin 13290, Aix-en-Provence, France
Equipment Under Test (EUT):
EUT Name: Mobile phone
Model No.: 54237-1
Trade Mark: CROSSCALL
FCC ID: 2BSUT-54237
Standard(s) : 47 CFR Part 15, Subpart B
Date of Receipt: 2025-10-22 (for original report SUCR251000102701)
Date of Test: 2025-12-10 to 2026-01-14
Date of Issue: 2026-03-11

Test Result:
Pass*

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

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Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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Revision Record			
Version	Description	Date	Remark
00	Original	2026-03-11	/

Authorized for issue by:				
Tested By		Nature Shen		
		Nature Shen/Project Engineer		
Approved By		Cedar cheng		
		Cedar Cheng /Reviewer		



2 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 +C63.4a-2017	15.107(a);Class B	Pass
Radiated Emissions (30MHz-1GHz)		ANSI C63.4-2014 +C63.4a-2017	15.109(a);Class B	Pass
Radiated Emissions (Above 1GHz)		ANSI C63.4-2014 +C63.4a-2017	15.109(g);Class B	Pass

Remark :

This test report (Report No.: SUCR260300016105 issue on 2026-03-11) is based on the original test report (Report No.: SUCR251000102701 issue on 2026-01-29).

Review this report and original report, this report just changing the parts according to the declaration letter from client.

Considering to the difference, pre-scan were performed on the sample in this report to find the items which can be influential to the result in the original test report for fully retest.

Therefore in this report only added the WI-FI 6E configuration and the other test data please based on the previous report with report number SUCR251000102701 issue on 2026-01-29.

3 Contents

	Page
1 COVER PAGE	1
2 Test Summary	3
3 Contents.....	4
4 General Information.....	5
4.1 Details of E.U.T.	5
4.2 Description of Support Units	5
4.3 Measurement Uncertainty & Decision Rule	5
4.4 Test Location	6
4.5 Test Facility	6
4.6 Deviation from Standards.....	6
4.7 Abnormalities from Standard Conditions.....	6
5 Equipment List	7
6 Emission Test Results.....	8
6.1 Conducted Emissions at Mains Terminals (150kHz-30MHz).....	8
6.2 Radiated Emissions (30MHz-1GHz)	11
6.3 Radiated Emissions (Above 1GHz).....	15
7 Test Setup Photo	19
8 EUT Constructional Details (EUT Photos).....	19

4 General Information

4.1 Details of E.U.T.

Power supply:	5V
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4.2 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
Computer	Lenovo	T14	2YK6GR
Mouse	Lenovo	3D optical Mouse	N/A
Router	Smauwave Technology Co.,Ltd	SRT 421	RT421X02211300001

4.3 Measurement Uncertainty & Decision Rule

Test Item	Measurement Uncertainty
Conducted Emissions (9kHz-150KHz)	$\pm 2.4\text{dB}$
Conducted Emissions (150kHz-30MHz)	$\pm 2.9\text{dB}$
Conducted Emission at telecommunication port using AAN	$\pm 4.0\text{ dB}$
Radiated Emissions (30MHz-1GHz)	$\pm 4.8\text{dB}$
Radiated Emissions (Above 1GHz)	$\pm 4.8\text{dB}$
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.	

4.4 Test Location

All tests were performed at:

SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu)
Pilot Free Trade Zone

No tests were sub-contracted.

Note:

1.SGS is not responsible for wrong test results due to incorrect information (e.g., max. internal working frequency, antenna gain, cable loss, etc) is provided by the applicant. (If applicable).

2.SGS is not responsible for the authenticity, integrity and the validity of the conclusion based on results of the data provided by applicant. (If applicable).

3. Sample source: sent by customer.

4.5 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).

- **FCC (Designation Number: CN1312)**

SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd. has been recognized as an accredited testing laboratory.

- **ISED (CAB Identifier: CN0120)**

SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd. has been recognized by Innovation, Science and Economic Development Canada (ISED) as an accredited testing laboratory.

Company Number: 27594

4.6 Deviation from Standards

None

4.7 Abnormalities from Standard Conditions

None



Report No.: SUCR260300016105

Page: 7 of 19

5 Equipment List

Conducted Emissions at Mains Terminals (150kHz-30MHz)					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Test receiver	ROHDE&SCHWARZ	ESR7	SUWI-01-10-01	2025/1/15	2026/1/14
Temperature and humidity meter	MingGao	TH101B	SUWI-01-01-06	2025/2/13	2026/2/12
Artificial network	ROHDE&SCHWARZ	ENV216	SUWI-01-19-03	2025/5/8	2026/5/7
Artificial network	ROHDE&SCHWARZ	ENV216	SUWI-01-19-04	2025/5/8	2026/5/7
Measurement Software	Tonscend	JS32-CE 4.0.0.2	SUWI-02-09-05	NCR	NCR

Radiated Emissions (30MHz-1GHz)					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Semi-Anechoic Chamber	Brilliant-emc	N/A	SUWI-04-02-01	2023/6/3	2026/6/2
Temperature and humidity meter	MingGao	TH101B	SUWI-01-01-05	2025/2/13	2026/2/12
Test receiver	ROHDE&SCHWARZ	ESR7	SUWI-01-10-01	2025/1/15	2026/1/14
Receiving antenna	SCHWRZBECK MESS-ELEKTRONIK	VULB 9168	SUWI-01-11-04	2024/8/22	2026/8/21
Amplifier	Tonscend	TAP9K3G40	SUWI-01-14-01	2025/1/16	2026/1/15
Measurement Software	Tonscend	JS32-RE	SUWI-02-09-04	NCR	NCR

Radiated Emissions (Above 1GHz)					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Semi-Anechoic Chamber	Brilliant-emc	N/A	SUWI-04-02-01	2023/6/3	2026/6/2
Temperature and humidity meter	MingGao	TH101B	SUWI-01-01-05	2025/2/13	2026/2/12
Signal Analyzer	ROHDE&SCHWARZ	FSW43	SUWI-01-02-04	2025/1/20	2026/1/19
Receiving antenna	SCHWRZBECK MESS-ELEKTRONIK	BBHA 9120D	SUWI-01-11-02	2025/5/7	2027/5/6
Receiving antenna	SCHWRZBECK MESS-ELEKTRONIK	BBHA 9170	SUWI-01-11-03	2025/5/7	2027/5/6
Amplifier	Tonscend	TAP01018050	SUWI-01-14-02	2025/1/16	2026/1/15
Amplifier	Tonscend	TAP18040048	SUWI-01-14-03	2025/1/20	2026/1/19
Measurement Software	Tonscend	JS32-RE	SUWI-02-09-04	NCR	NCR

6 Emission Test Results

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

Test Requirement: 47 CFR Part 15, Subpart B
Test Method: ANSI C63.4-2014 +C63.4a-2017

Limit:

0.15MHz-0.5MHz: 66dB(μV)-56dB(μV) quasi-peak, 56dB(μV)-46dB(μV) average
0.5MHz-5MHz: 56dB(μV) quasi-peak, 46dB(μV) average
5MHz-30MHz: 60dB(μV) quasi-peak, 50dB(μV) average
Detector: Peak for pre-scan (9kHz resolution bandwidth) 0.15M to 30MHz

6.1.1 E.U.T. Operation

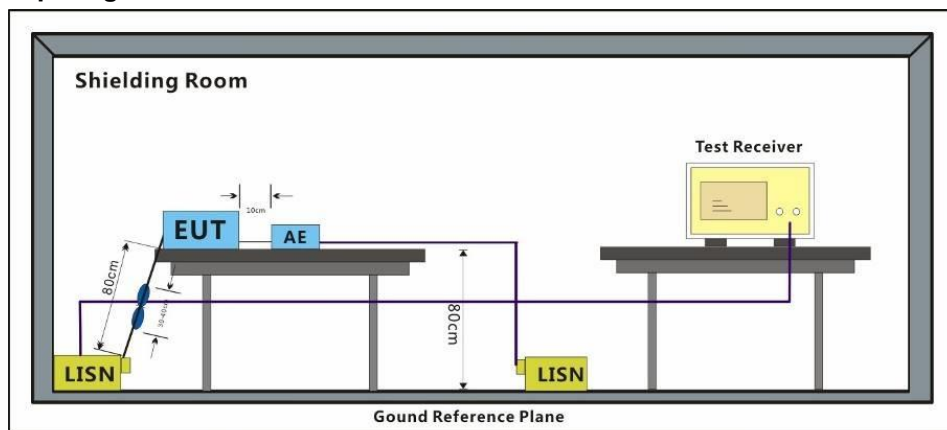
Operating Environment:

Temperature: 23 °C Humidity: 44 % RH Atmospheric Pressure: 1001 mbar

6.1.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	00	Sample(1)+adapter+usb Cable+BT(Idle)+6GWLAN(Idle)+Camera(Rear)+WCDMA Band 5(RX)Low

6.1.3 Test Setup Diagram

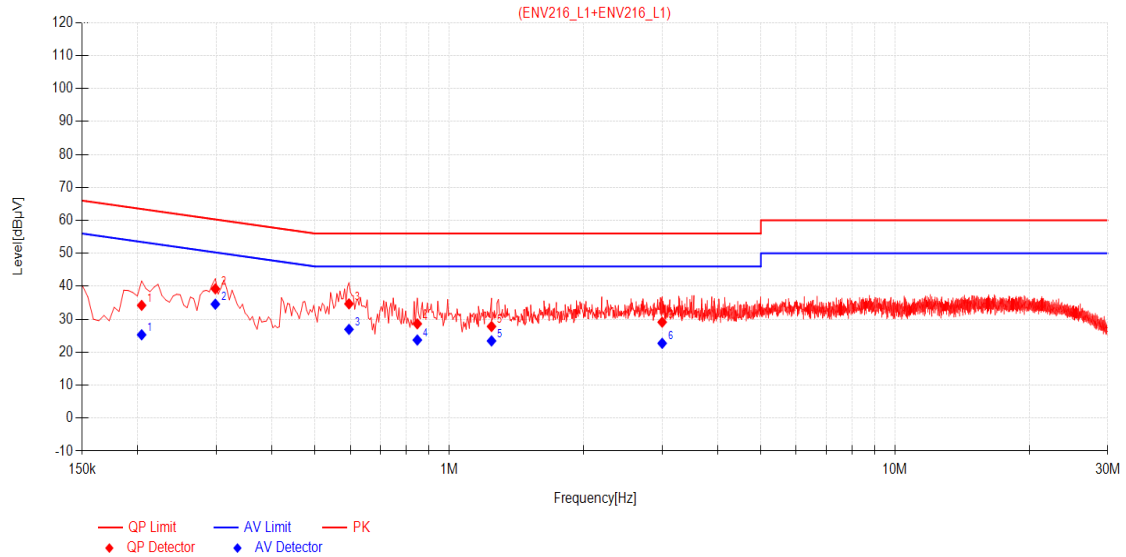


6.1.4 Measurement Procedure and Data

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.

Remark : Level= Read Level+ Cable Loss+ LISN Factor

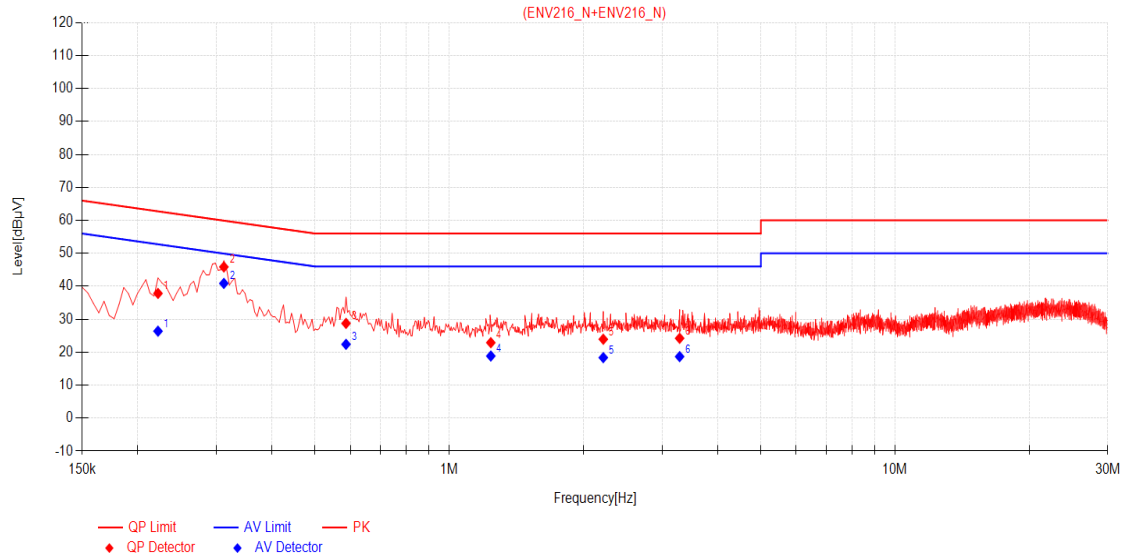
Test Mode: 00; Line: Live line



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	0.2040	9.97	24.23	34.20	63.45	29.25	15.31	25.28	53.45	28.17	PASS
2	0.2985	9.95	29.28	39.23	60.28	21.05	24.62	34.57	50.28	15.71	PASS
3	0.5955	9.94	24.73	34.67	56.00	21.33	16.98	26.92	46.00	19.08	PASS
4	0.8475	9.95	18.66	28.61	56.00	27.39	13.75	23.70	46.00	22.30	PASS
5	1.2435	9.94	17.86	27.80	56.00	28.20	13.48	23.42	46.00	22.58	PASS
6	3.0030	10.42	18.69	29.11	56.00	26.89	12.27	22.69	46.00	23.31	PASS

Test Mode: 00; Line: Neutral 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	0.2220	9.98	27.86	37.84	62.74	24.90	16.40	26.38	52.74	26.36	PASS
2	0.3120	9.97	35.90	45.87	59.92	14.05	30.91	40.88	49.92	9.04	PASS
3	0.5865	9.90	18.84	28.74	56.00	27.26	12.49	22.39	46.00	23.61	PASS
4	1.2390	9.91	12.98	22.89	56.00	33.11	8.93	18.84	46.00	27.16	PASS
5	2.2155	10.02	13.91	23.93	56.00	32.07	8.34	18.36	46.00	27.64	PASS
6	3.2865	10.40	13.82	24.22	56.00	31.78	8.27	18.67	46.00	27.33	PASS

6.2 Radiated Emissions (30MHz-1GHz)

Test Requirement: 47 CFR Part 15, Subpart B
Test Method: ANSI C63.4-2014 +C63.4a-2017
Measurement Distance: 3m

Limit:

Class B

Test Distance: 3m
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) 30MHz to1000MHz

Class B

Test Distance: 10m
30MHz -88MHz 29.5(dBμV/m) quasi-peak
88MHz-216MHz 33.1(dBμV/m) quasi-peak
216MHz-960MHz 35.6(dBμV/m) quasi-peak
960MHz-1000MHz 43.5(dBμV/m) quasi-peak
Detector: Peak for pre-scan (120kHz resolution bandwidth) 30MHz to1000MHz

6.2.1 E.U.T. Operation

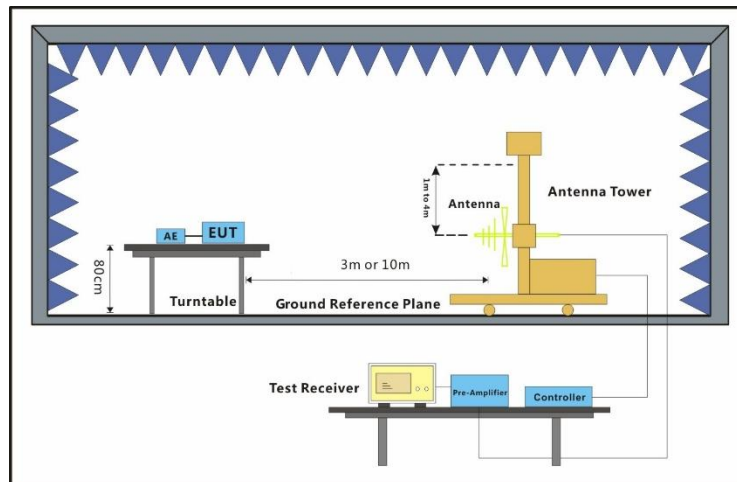
Operating Environment:

Temperature: 23 °C Humidity: 44 % RH Atmospheric Pressure: 1001 mbar

6.2.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	00	Sample(1)+adapter+usb Cable+BT(Idle)+6GWLAN(Idle)+Camera(Rear)+WCDMA Band 5(RX)Low

6.2.3 Test Setup Diagram

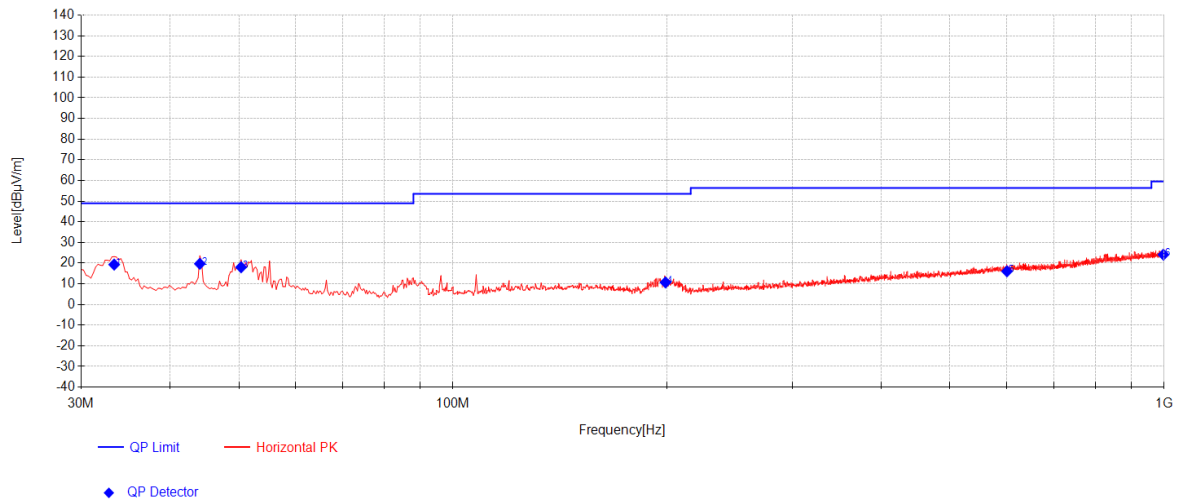


6.2.4 Measurement Procedure and Data

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.

Remark: $\text{Level} = \text{Read Level} + \text{Cable Loss} + \text{Antenna Factor} - \text{Preamp Factor}$

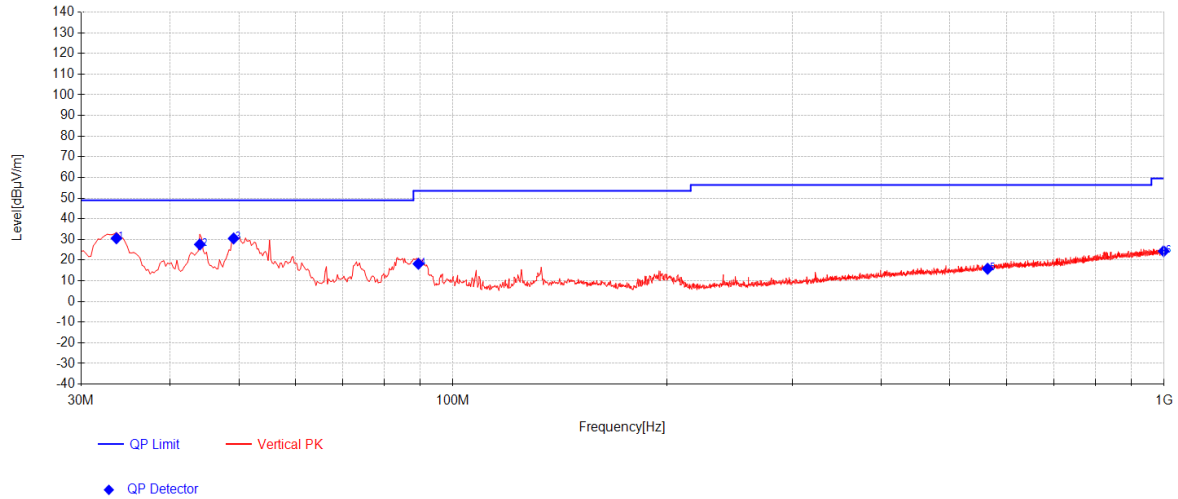
Test Mode: 00; Polarity: Horizontal



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	33.395	40.57	12.70	-33.97	19.30	49.00	29.70	153	338	Horizontal
2	44.065	40.16	13.32	-33.79	19.69	49.00	29.31	107	338	Horizontal
3	50.37	38.25	13.46	-33.69	18.02	49.00	30.98	164	338	Horizontal
4	199.0225	33.07	9.84	-32.26	10.66	53.50	42.84	127	132	Horizontal
5	601.33	26.31	19.80	-30.07	16.04	56.40	40.36	139	182	Horizontal
6	997.8175	27.44	24.48	-27.82	24.10	59.50	35.40	200	332	Horizontal

Test Mode: 00; Polarity: 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	33.6375	51.81	12.72	-33.97	30.56	49.00	18.44	100	254	Vertical
2	44.065	48.06	13.32	-33.79	27.59	49.00	21.41	100	132	Vertical
3	49.1575	50.73	13.47	-33.70	30.50	49.00	18.50	100	142	Vertical
4	89.4125	42.56	8.92	-33.26	18.22	53.50	35.28	100	254	Vertical
5	564.7125	27.08	18.95	-30.21	15.83	56.40	40.57	200	1	Vertical
6	998.7875	27.66	24.49	-27.81	24.34	59.50	35.16	200	79	Vertical



Report No.: SUCR260300016105

Page: 15 of 19

6.3 Radiated Emissions (Above 1GHz)

Test Requirement: 47 CFR Part 15, Subpart B
Test Method: ANSI C63.4-2014 +C63.4a-2017
Measurement Distance: 3m

Limit:

Class B

Above 1GHz 74(dB μ V/m) peak, 54(dB μ V/m) average

Detector: Peak for pre-scan (1000kHz resolution bandwidth) 1000M to 18000MHz

6.3.1 E.U.T. Operation

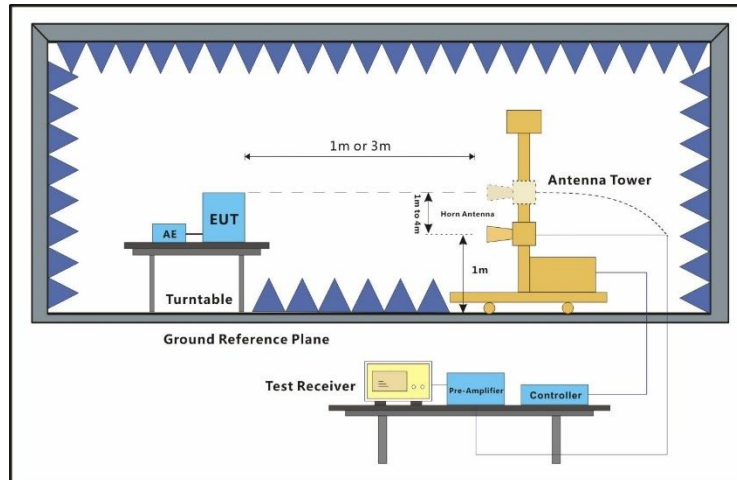
Operating Environment:

Temperature: 24 °C Humidity: 43 % RH Atmospheric Pressure: 1001 mbar

6.3.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	00	Sample(1)+adapter+usb Cable+BT(Idle)+6GWLAN(Idle)+Camera(Rear)+WCDMA Band 5(RX)Low

6.3.3 Test Setup Diagram



6.3.4 Measurement Procedure and Data

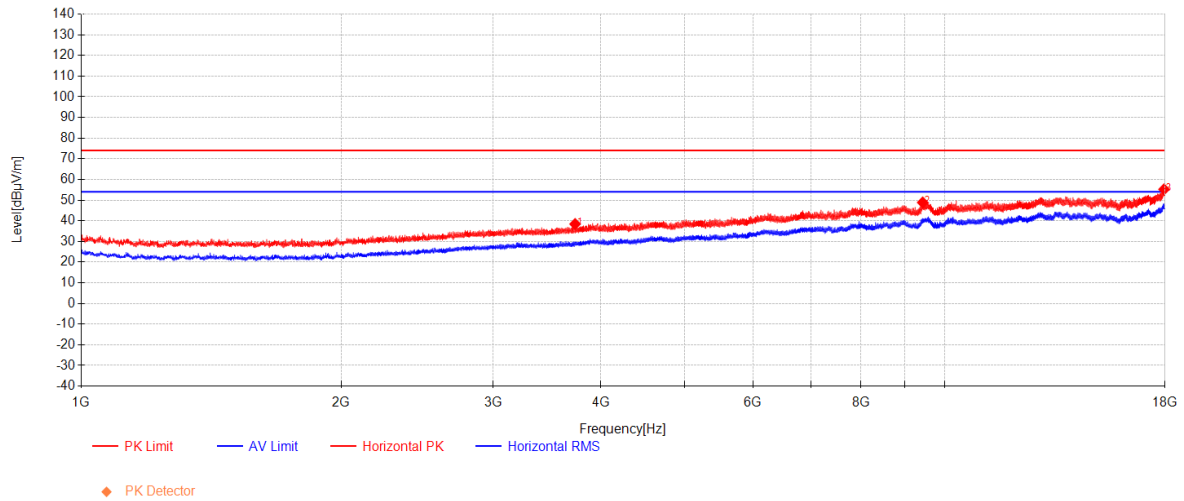
An initial pre-scan was performed in the chamber using the spectrum analyser in peak detection mode. Average measurements were conducted based on the peak sweep graph. The EUT was measured by Horn antenna with 2 orthogonal polarities.

The red line show in graphic is the limit in standard used in this section.

Remark: $\text{Level} = \text{Read Level} + \text{Cable Loss} + \text{Antenna Factor} - \text{Preamp Factor}$



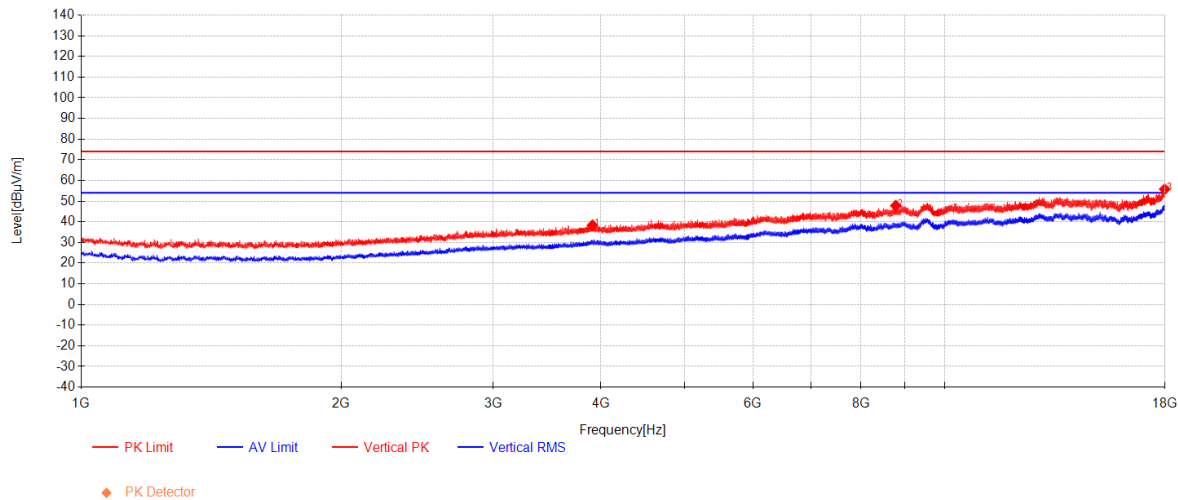
Test Mode: 00; Polarity: Horizontal



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	3732.75	53.77	30.14	-45.46	38.45	74.00	35.55	Horizontal
2	9432	49.25	38.04	-38.43	48.86	74.00	25.14	Horizontal
3	17953.25	43.77	41.56	-30.11	55.23	74.00	18.77	Horizontal



Test Mode: 00; Polarity: Vertical



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	3909.125	52.57	30.77	-45.07	38.28	74.00	35.72	Vertical
2	8777.925	49.61	37.84	-39.66	47.79	74.00	26.21	Vertical
3	17983.425	44.05	41.65	-29.92	55.78	74.00	18.22	Vertical



Report No.: SUCR260300016105

Page: 19 of 19

7 Test Setup Photo

Refer to Appendix - Test Setup Photo for SUCR2510001027WM

8 EUT Constructional Details (EUT Photos)

Refer to Appendix - External Photos for SUCR2510001027WM and Appendix - Internal Photos for SUCR2510001027WM

- End of the Report -