TEST REPORT

Application No.:	ZR/2020/10023
Applicant:	TCL Communication Ltd
Address of Applicant:	5/F, Building 22E, 22 Science Park East Avenue, Hong Kong Science Park, Shatin, NT, Hong Kong
Manufacturer:	TCL Communication Ltd
Address of Manufacturer:	5/F, Building 22E, 22 Science Park East Avenue, Hong Kong Science Park, Shatin, NT, Hong Kong
EUT Name:	LTE/WCDMA/GSM mobile phone
Model No.:	5007A
Trade mark:	alcatel
FCC ID:	2ACCJH116
Standard(s) :	47 CFR Part 15, Subpart B
Date of Receipt:	2019-11-12
Date of Test:	2019-11-13 to 2019-11-27
Date of Issue:	2021/8/16
Test Result:	**Pass***

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

Authorized Signature:

Derek Yang
Wireless Laboratory Manager

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Revision Record				
Version	***Chapter***	***Date***	***Modifier***	***Remark***
01		2020-3-5		*Original*
02		2021-5-27	Kevin.Lan	1. The test site information of lab B(XI 'AN) added in section 4.5 and 4.6 2. Modify data conversion error of antenna height 3.Update equipment list
03		2021-8-16	Kevin.Lan	1. Update Support Units 2. Remove the information of lab A(SZ) in section 4.5 and 4.6

*This test report supersedes the original report (report No.: ZR/2020/1002302, issue date: 2020-3-5), original report shall be invalid.

Authorized for issue by:		
Prepared By		Kevin. lan **(Kevin.Lan) /Engineer**
Checked By		Jim Hung **(Jim Huang) /Reviewer**

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Remark:

The difference between 5007G to 5007A:

- SOFTWARE MODIFICATIONS:
  - Protocol Stack changes: No
  - MMS/STK/USAT/USIM changes: No
  - DM/SUPL/VT/FUMO/SWP/HCI: No
  - Other changes detailed:
- HARDWARE MODIFICATIONS:
  - Band changes: No
  - PCB layout changes：No
  - Main components changes:

	Antenna	Base Band	Transceiver	ASM	Power Amplifier	Tx SAW Filter	Rx SAW Filter	Duplex er
GSM850	No	No	No	No	No	No	No	No
GSM900	No	No	No	No	No	No	No	No
GSM1800	No	No	No	No	No	No	No	No
GSM1900	No	No	No	No	No	No	No	No
UMTS2100	No	No	No	No	No	No	No	No
UMTS1900	No	No	No	No	No	No	No	No
UMTS1700	No	No	No	No	No	No	No	No
UMTS900	No	No	No	No	No	No	No	No
UMTS850	No	No	No	No	No	No	No	No
LTE 2	No	No	No	No	No	No	No	No
LTE 3	No	No	No	No	No	No	No	No
LTE 4	No	No	No	No	No	No	No	No
LTE 5	No	No	No	No	No	No	No	No
LTE 7	No	No	No	No	No	No	No	No
LTE 8	No	No	No	No	No	No	No	No
LTE 13	No	No	No	No	No	No	No	No
LTE 17	No	No	No	No	No	No	No	No
LTE 28	No	No	No	No	No	No	No	No
LTE 66	No	No	No	No	No	No	No	No
Bluetooth	No	No	No	No	No	No	No	No
WiFi	No	No	No	No	No	No	No	No
NFC	No	No	No	No	No	No	No	No

  - FM changes: No
  - Other components changes:
    LCD/ Speaker/ Camera/ Vibrator changes: No
  - Other changes detailed: delete SIM2 to support single SIM and enable receiver function for LTE B7 and Wi-Fi to reduce SAR.

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- MECHANICAL MODIFICATIONS:
- Use new metal front/back cover or keypad: No
- Mechanical shell changes:

  Whole size of EUT: No

  Distance of Ear reference point to bottom of handset: No
  Other trinkets to change the surface of handset: No
  Other changes detailed:

According to the difference above, spot check has been tested on 5007A with the data of 5007A from the report of 5007G (Report No.: ZR/2019/B001308-01), only worst data show in this report.

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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	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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4 General Information

4.1 Details of E.U.T.

Power supply:	DC 3.85V from internal rechargeable battery or from AC/DC adapter Model No.: UC13US AC Input: 100-240V 50/60Hz 0.5A DC Output: DC 5V 2A
Cable:	USB cable: 100cm unshielded Earphone cable: 115cm unshielded

	No.	P/N	Remark	Comment
Adaptor	1	CBA0058AGAC5	UC11US; 5.0 V,1000 mA, PUAN ;	-
	2	CBA0058AGAC7	UC11US; 5.0 V,1000 mA, CHENYANG ;	-
	3	CBA0059AGAC5	UC13US; 5.0 V,2000 mA, PUAN	-
	4	CBA0059AGAC7	UC13US; 5.0 V,2000 mA, CHENYANG	-
USB cable	1	CDA3122005C1	JUWEI	-
	2	CDA3122005C2	Shenhua	-
	3	CDA0000024C8	PUAN	-
	4	CDA0000024C2	JUWEI	-
Headset	1	CCB0049A10C1	alcatel logo	-
	2	CCB0049A12C1	-	Same with CCB0049A10C1, only remove alcatel logo
	3	CCB0049A10C4	alcatel logo	-
	4	CCB0049A12C4	-	Same with CCB0049A10C4, only remove alcatel logo
	5	CCB0046A10C1	alcatel logo	-
	6	CCB0046A15C1	-	Same with CCB0046A10C1, only remove alcatel logo
	7	CCB0046A10C4	alcatel logo	-
	8	CCB0046A15C4	-	Same with CCB0046A10C4, only remove alcatel logo
Battery	1	CAC3860024C1	TLp038D1; BYD	-
	2	CAC3860025C7	TLp038D7; VEKEN;	-

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4.2 Description of Support Units

Description	Manufacturer	Model No.	Inventory No.
Router	NETGEAR	R6020	No.XA1401
Computer	Lenovo	L480	No.XA1402
Mouse	A4TECH	OP-520NU USB	No.XA1403

4.3 Test modes

Pretest these modes to find the worst case and show the worse data in the test items:	e: Transfer data between the EUT and the PC+USB cable1 f: Transfer data between the EUT and the PC+USB cable2 g: Telecom Idle+BT+WLAN +GPS Rx+playing MP4 (SD card) +earphone1+battery+Cable(worst)+adapter(worst of 1 and 2) h: Telecom Idle+BT+WLAN +GPS Rx+playing MP4 (SD card) +earphone1+battery+ Cable(worst)+adapter(worst of 3 and 4) i: Telecom Idle+BT+WLAN +GPS Rx+camera (Front) +earphone+battery+ Cable(worst)+ Cable(worst)+adapter(Worst) j: Telecom Idle+BT+WLAN +GPS Rx+camera (Back) +earphone+battery+ Cable(worst)+adapter(Worst) k: GSM 850+BT+WLAN +GPS Rx+FM+earphone+battery+ Cable(worst)+adapter(Worst) l: GSM 1900+BT+WLAN +GPS Rx+ FM+earphone+battery+ Cable(worst)+adapter(Worst) m: WCDMA Band II+BT+WLAN +GPS Rx+ FM+earphone+battery+ Cable(worst)+adapter(Worst) n: WCDMA Band IV+BT+WLAN +GPS Rx+ FM+earphone+battery+ Cable(worst)+adapter(Worst) o: WCDMA Band V+BT+WLAN +GPS Rx+ FM+earphone+battery+ Cable(worst)+adapter(Worst) p: LTE band 2+BT+WLAN +GPS Rx+ FM+earphone+battery+ Cable(worst)+adapter(Worst) q: LTE band 4+BT+WLAN +GPS Rx+ FM+earphone(worst)+battery(worst)+ Cable(worst)+adapter(Worst) r: LTE band 5+BT+WLAN +GPS Rx+ FM+earphone(worst)+battery(worst)+ Cable(worst)+adapter(Worst) s: LTE band 7+BT+WLAN +GPS Rx+ FM+earphone(worst)+battery(worst)+ Cable(worst)+adapter(Worst) t: LTE band 12+BT+WLAN +GPS Rx+ FM+earphone(worst)+battery(worst)+ Cable(worst)+adapter(Worst) u: LTE band 13+BT+WLAN +GPS Rx+ FM+earphone(worst)+battery(worst)+ Cable(worst)+adapter(Worst) v: LTE band 17+BT+WLAN +GPS Rx+ FM+earphone(worst)+battery(worst)+ Cable(worst)+adapter(Worst) w: LTE band 66+BT+WLAN +GPS Rx+ FM+earphone(worst)+battery(worst)+ Cable(worst)+adapter(Worst)

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4.4 Measurement Uncertainty

No.	Item	Measurement Uncertainty
1	Conduction Emission	± 3.0dB (150kHz to 30MHz)
2	Radiated Emission	± 4.8dB (Below 1GHz)
		± 4.8dB (1GHz to 6GHz)
		± 4.5dB (6GHz to 18GHz)
		± 5.02dB (Above 18GHz)

4.5 Test Location

Company:	SGS-CSTC STANDARDS TECHNICAL SERVICES (XI 'AN) CO., LTD.
Address:	1/F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, Xi'an, Shaanxi China
Post code:	710086
Test engineer:	Ben Huang

4.6 Test Facility

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

• A2LA (Certificate No. 4854.01)

SGS-CSTC STANDARDS TECHNICAL SERVICES (XI 'AN) CO., LTD. is accredited by the American Association for Laboratory Accreditation(A2LA). Certificate No. 4854.01.

• FCC –Designation Number: CN1271.

4.7 Deviation from Standards

None

4.8 Abnormalities from Standard Conditions

None

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5 Equipment List

CE Test System					
Equipment	**Manufacturer**	**Model No.**	**Inventory No.**	**Cal Date**	**Cal Due Date**
Shielding Room	Brilliant-emc	N/A	XAW03-35-01	2019-09-11	2022-09-10
Test receiver	ROHDE&SCHWARZ	ESR	XAW01-08-01	2019-09-07	2020-09-06
Artificial network	ROHDE&SCHWARZ	ENV216	XAW01-04-01	2019-07-16	2020-07-15
Temperature and humidity meter	MingGao	TH101B	XAW01-01-01	2018-12-16	2019-12-15
Measurement Software	Tonscend	TS+ CE V2.5	XAW02-05-02	NCR	NCR
5G UXM	Keysight	E7515B	XAW01-19-01	2019-08-17	2020-08-16
Radio communication analyzer	ROHDE&SCHWARZ	CMW 500	XAW01-03-02	2019-06-27	2020-06-26

RE Test System					
Equipment	**Manufacturer**	**Model No.**	**Inventory No.**	**Cal Date**	**Cal Due Date**
Semi-Anechoic Chamber	Brilliant-emc	N/A	XAW03-35-01	2019-09-11	2022-09-10
MXA signal analyzer	Keysight	N9020A	XAW01-06-01	2019-06-27	2020-06-26
Test receiver	ROHDE&SCHWARZ	ESR	XAW01-08-01	2019-09-07	2020-09-06
Receiving antenna (30MHz-3GHz)	Schwarzbeck	VULB 9163	XAW01-09-01	2019-10-13	2021-10-12
Receiving antenna (1GHz~18GHz)	Schwarzbeck	BBHA 9120D	XAW01-09-02	2019-10-13	2021-10-12
Receiving antenna (15GHz~40GHz)	Schwarzbeck	BBHA 9170	XAW01-09-03	2019-10-13	2021-10-12
Directional antenna rack controller	Max-Full	MF-7802BS	XAW03-03-01	NCR	NCR
High-speed antenna rack controller	Max-Full	MF-7802	XAW03-04-01	NCR	NCR
Filter bank	Tonscend	JS0806-F	XAW03-05-01	NCR	NCR
Filter bank	Tonscend	JS0806s	XAW03-05-02	NCR	NCR
Amplifier	Tonscend	TAP00903040	XAW01-41-01	2018-12-10	2019-12-09
Amplifier	Tonscend	TAP01018048	XAW01-41-02	2018-12-10	2019-12-09
Amplifier	Tonscend	TAP18040048	XAW01-41-03	2018-12-10	2019-12-09
Amplifier	Shanghai Steed	YX28980930	XAW01-41-06	2018-12-10	2019-12-09
Temperature and humidity meter	MingGao	TH101B	XAW01-01-01	2018-12-16	2019-12-15
Measurement Software	Tonscend	TS+ RSE V3.0.0.2	XAW02-05-01	NCR	NCR

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5G UXM	Keysight	E7515B	XAW01-19-01	2019-08-17	2020-08-16
Radio communication analyzer	ROHDE&SCHWARZ	CMW 500	XAW01-03-02	2019-06-27	2020-06-26

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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
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

6.1.1 E.U.T. Operation

Operating Environment:

Temperature: 20.3 °C Humidity: 58.1 % RH Atmospheric Pressure: 1005 mbar

The worst case for final test:

e: Transfer data between the EUT and the PC+USB cable1

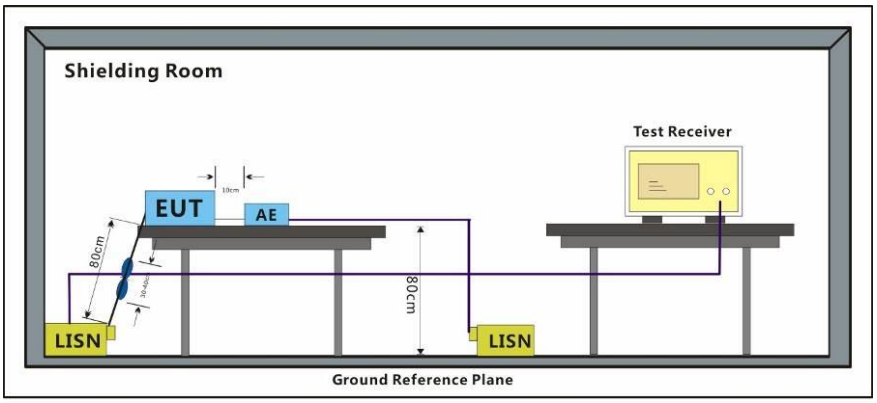
g: Telecom Idle+BT+WLAN +GPS Rx+playing MP4 (SD card) +earphone1+battery+Cable1+adapter1

h: Telecom Idle+BT+WLAN +GPS Rx+playing MP4 (SD card) +earphone1+battery+ Cable1+adapter2

i: Telecom Idle+BT+WLAN +GPS Rx+camera (Front) +earphone+battery+ Cable1+ Cable1+adapter2

j: Telecom Idle+BT+WLAN +GPS Rx+camera (Back) +earphone+battery+ Cable1+adapter2

6.1.2 Test Setup Diagram



6.1.3 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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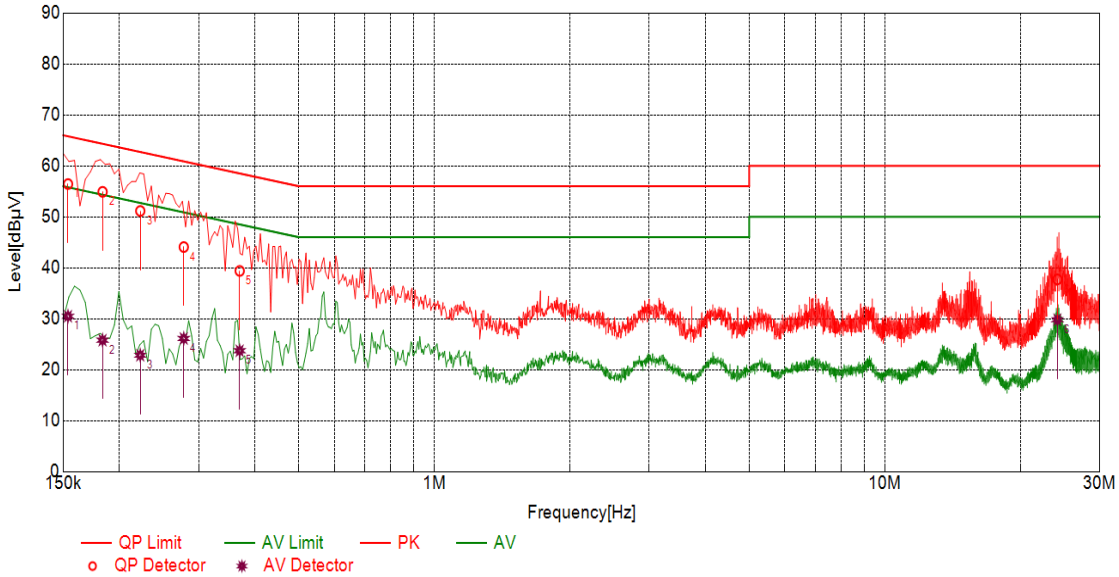

Final Data List									
NO.	Freq. [MHz]	Factor [dB]	QP Value [dBµV]	QP Limit [dBµV]	QP Margin [dB]	AV Value [dBµV]	AV Limit [dBµV]	AV Margin [dB]	Type
1	0.1538	10.10	56.43	65.79	9.36	30.49	55.79	25.30	L
2	0.1835	10.10	54.90	64.33	9.43	25.79	54.33	28.54	L
3	0.2225	10.10	51.15	62.73	11.58	22.84	52.73	29.89	L
4	0.2779	10.10	44.07	60.88	16.81	26.12	50.88	24.76	L
5	0.3698	10.10	39.39	58.51	19.12	23.72	48.51	24.79	L
6	24.1551	10.11	37.73	60.00	22.27	29.80	50.00	20.20	L

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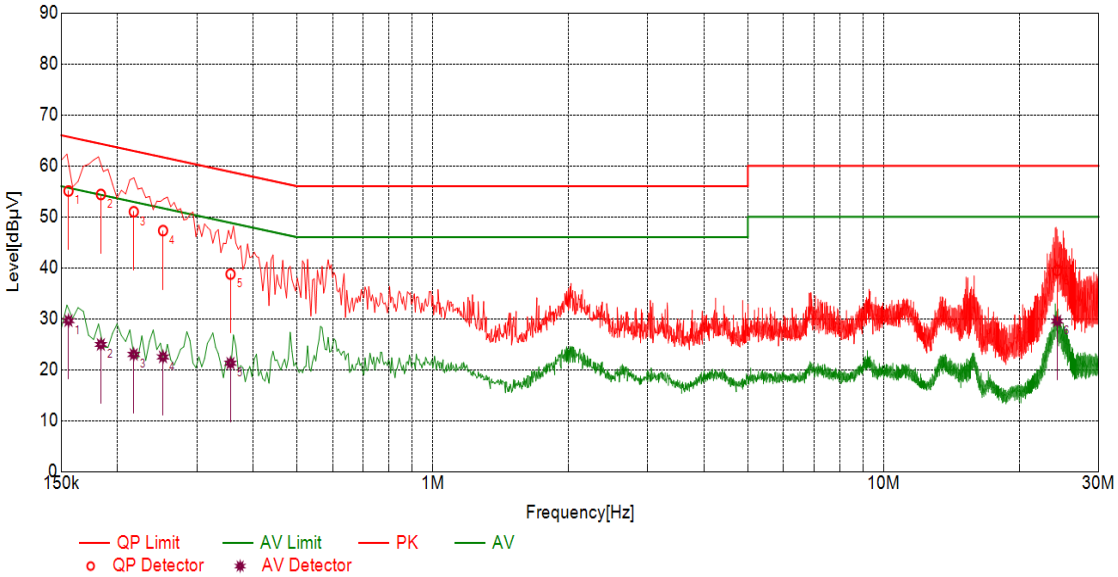

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1	0.1557	10.10	55.07	65.69	10.62	29.62	55.69	26.07	N
2	0.1837	10.10	54.38	64.32	9.94	24.95	54.32	29.37	N
3	0.2173	10.10	51.00	62.92	11.92	23.00	52.92	29.92	N
4	0.2523	10.10	47.29	61.68	14.39	22.51	51.68	29.17	N
5	0.3561	10.10	38.76	58.82	20.06	21.27	48.82	27.55	N
6	24.2708	10.11	39.48	60.00	20.52	29.55	50.00	20.45	N

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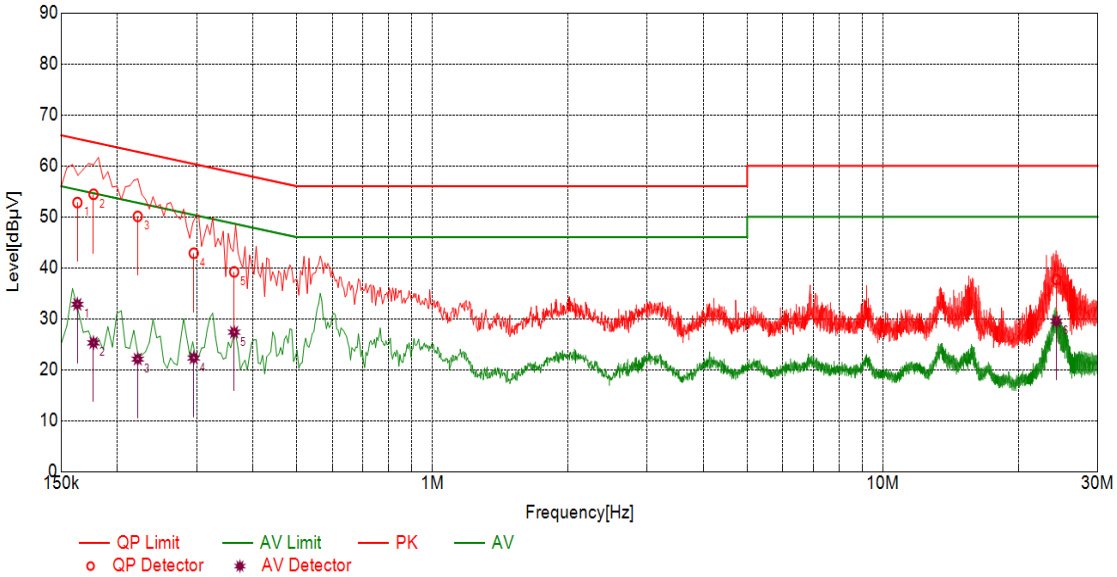

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1	0.1630	10.10	52.80	65.31	12.51	32.83	55.31	22.48	L
2	0.1770	10.10	54.42	64.62	10.20	25.27	54.62	29.35	L
3	0.2219	10.10	50.08	62.75	12.67	22.08	52.75	30.67	L
4	0.2954	10.10	42.86	60.37	17.51	22.30	50.37	28.07	L
5	0.3632	10.10	39.20	58.66	19.46	27.36	48.66	21.30	L
6	24.2749	10.11	37.70	60.00	22.30	29.52	50.00	20.48	L

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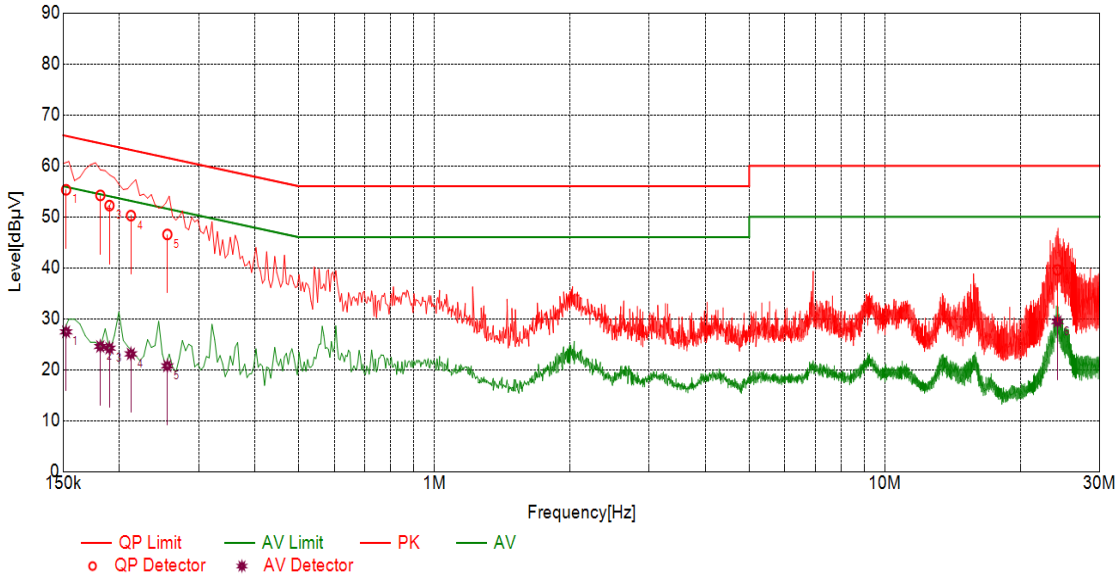

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1	0.1523	10.10	55.30	65.87	10.57	27.43	55.87	28.44	N
2	0.1814	10.10	54.21	64.42	10.21	24.56	54.42	29.86	N
3	0.1901	10.10	52.21	64.03	11.82	24.22	54.03	29.81	N
4	0.2121	10.10	50.24	63.12	12.88	23.10	53.12	30.02	N
5	0.2555	10.10	46.54	61.58	15.04	20.74	51.58	30.84	N
6	24.1733	10.11	39.57	60.00	20.43	29.44	50.00	20.56	N

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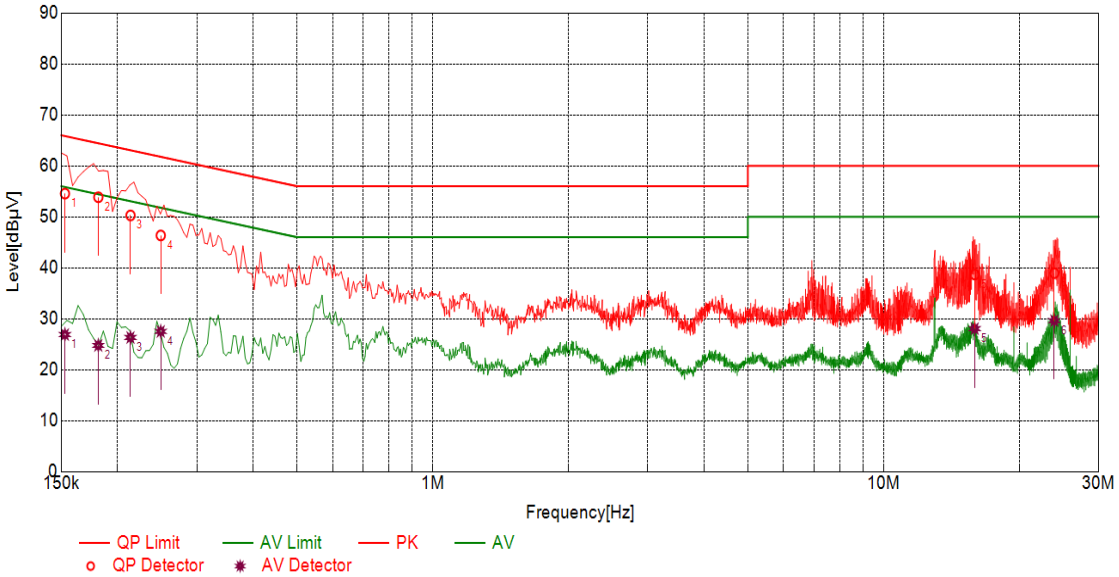

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NO.	Freq. [MHz]	Factor [dB]	QP Value [dBµV]	QP Limit [dBµV]	QP Margin [dB]	AV Value [dBµV]	AV Limit [dBµV]	AV Margin [dB]	Type
1	0.1529	10.10	54.56	65.84	11.28	26.89	55.84	28.95	L
2	0.1813	10.10	53.85	64.43	10.58	24.76	54.43	29.67	L
3	0.2137	10.10	50.28	63.06	12.78	26.32	53.06	26.74	L
4	0.2494	10.10	46.35	61.78	15.43	27.51	51.78	24.27	L
5	15.9239	10.11	38.67	60.00	21.33	28.06	50.00	21.94	L
6	23.9136	10.11	38.94	60.00	21.06	29.62	50.00	20.38	L

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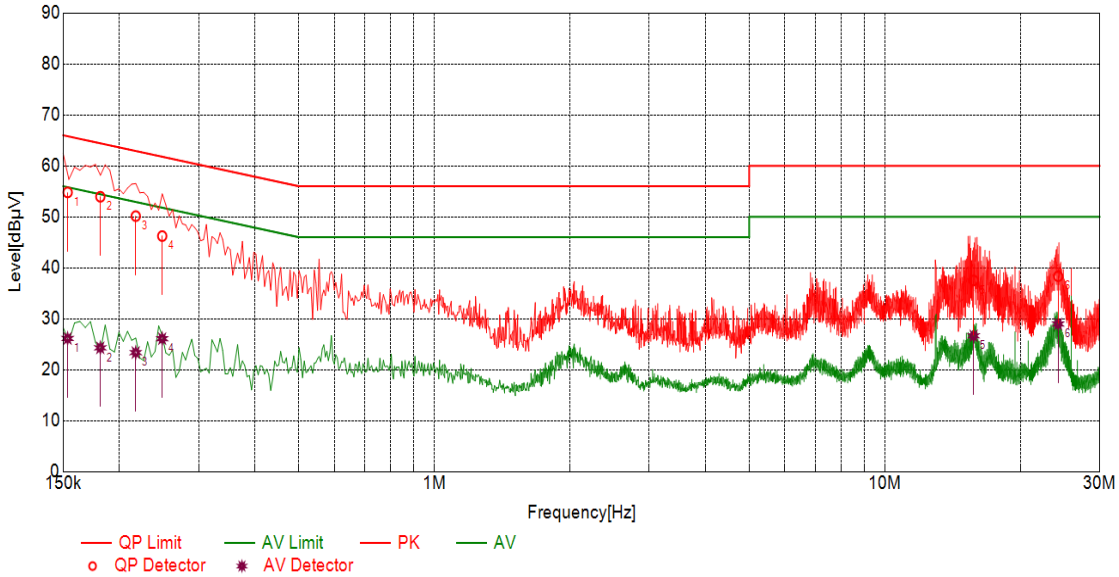

Final Data List									
NO.	Freq. [MHz]	Factor [dB]	QP Value [dBµV]	QP Limit [dBµV]	QP Margin [dB]	AV Value [dBµV]	AV Limit [dBµV]	AV Margin [dB]	Type
1	0.1535	10.10	54.80	65.81	11.01	26.12	55.81	29.69	N
2	0.1814	10.10	53.94	64.42	10.48	24.29	54.42	30.13	N
3	0.2174	10.10	50.14	62.92	12.78	23.36	52.92	29.56	N
4	0.2489	10.10	46.22	61.79	15.57	26.09	51.79	25.70	N
5	15.7415	10.11	37.51	60.00	22.49	26.64	50.00	23.36	N
6	24.2466	10.11	38.34	60.00	21.66	28.96	50.00	21.04	N

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6.2 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

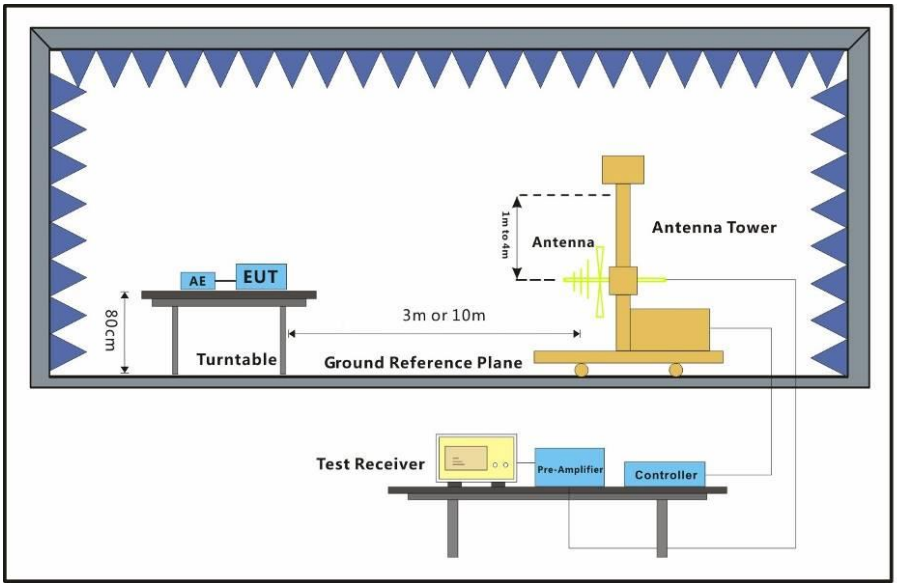
6.2.1 E.U.T. Operation

Operating Environment:

Temperature: 25.4 °C Humidity: 51 % RH Atmospheric Pressure: 1005 mbar

The worst case for final test: f: Transfer data between the EUT and the PC+USB cable2
h: Telecom Idle+BT+WLAN +GPS Rx+playing MP4 (SD card) +earphone1+battery+ Cable1+adapter2

6.2.2 Test Setup Diagram



6.2.3 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.

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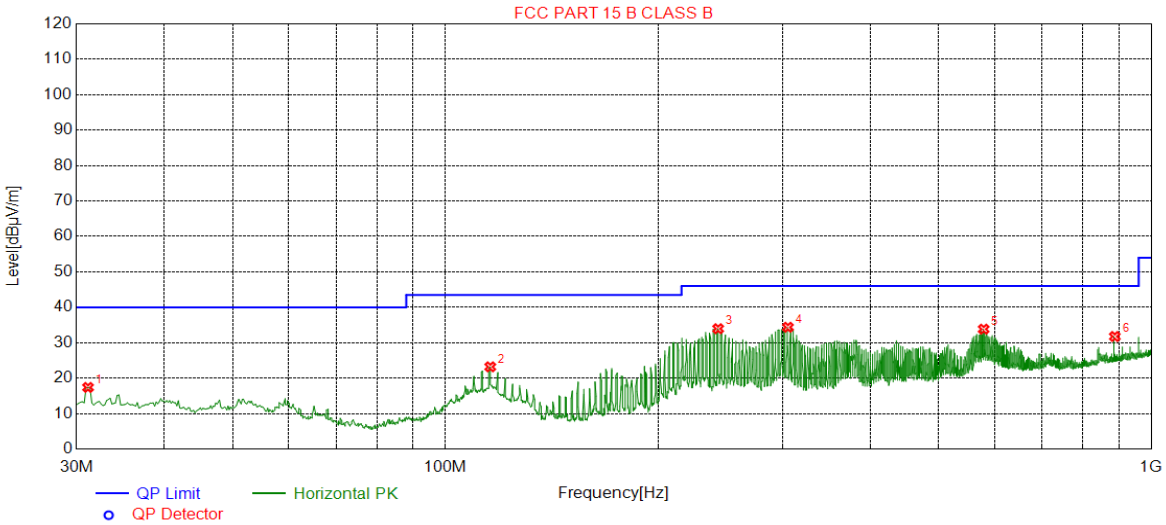
Mode:f; Polarization:Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	31.1642	17.39	-30.05	40.00	22.61	246	274	Horizontal
2	115.7652	23.20	-32.91	43.50	20.30	203	164	Horizontal
3	243.4427	33.96	-29.93	46.00	12.04	105	234	Horizontal
4	305.7291	34.37	-28.10	46.00	11.63	162	204	Horizontal
5	578.9358	33.83	-21.22	46.00	12.17	217	141	Horizontal
6	888.0396	31.76	-16.23	46.00	14.24	137	228	Horizontal

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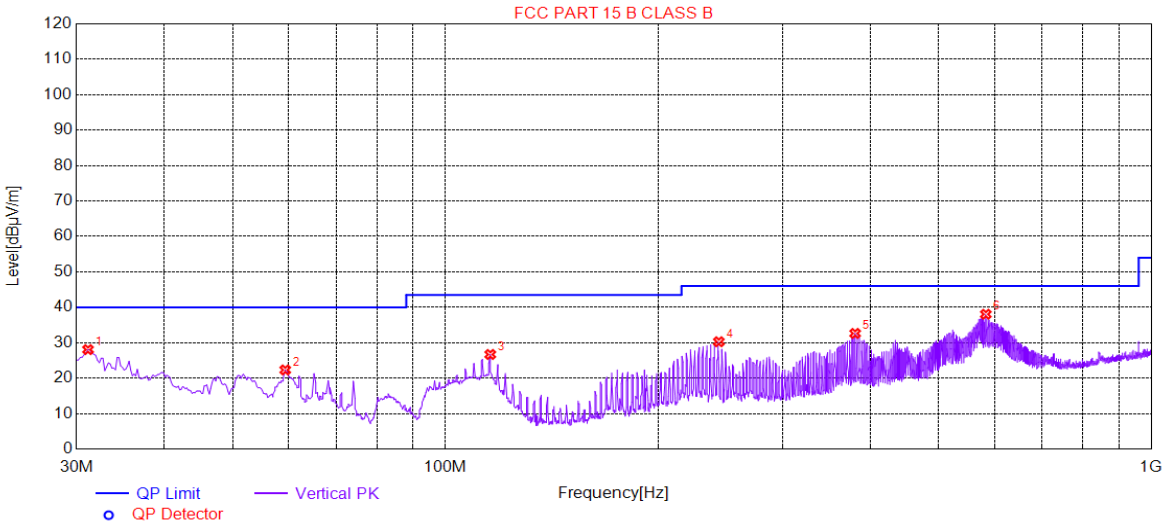
Mode:f; Polarization:Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	31.1642	28.06	-30.05	40.00	11.94	268	283	Vertical
2	59.2999	22.33	-31.76	40.00	17.67	244	214	Vertical
3	115.7652	26.69	-32.91	43.50	16.81	238	346	Vertical
4	244.0248	30.28	-29.90	46.00	15.72	280	176	Vertical
5	380.6281	32.63	-26.05	46.00	13.37	203	170	Vertical
6	583.0106	38.04	-21.11	46.00	7.96	152	303	Vertical

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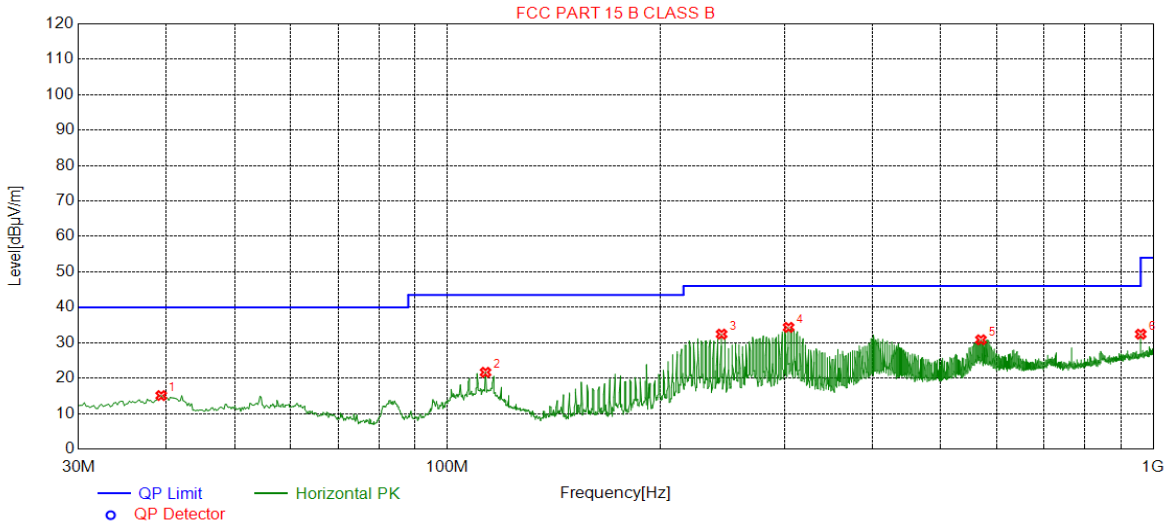
Mode:h; Polarization:Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	39.3139	15.09	-28.56	40.00	24.91	235	158	Horizontal
2	113.2426	21.65	-32.51	43.50	21.85	131	69	Horizontal
3	244.6069	32.43	-29.88	46.00	13.57	198	210	Horizontal
4	304.3709	34.34	-28.14	46.00	11.66	200	272	Horizontal
5	570.0100	30.83	-21.48	46.00	15.17	119	328	Horizontal
6	960.0280	32.42	-15.34	54.00	21.58	105	75	Horizontal

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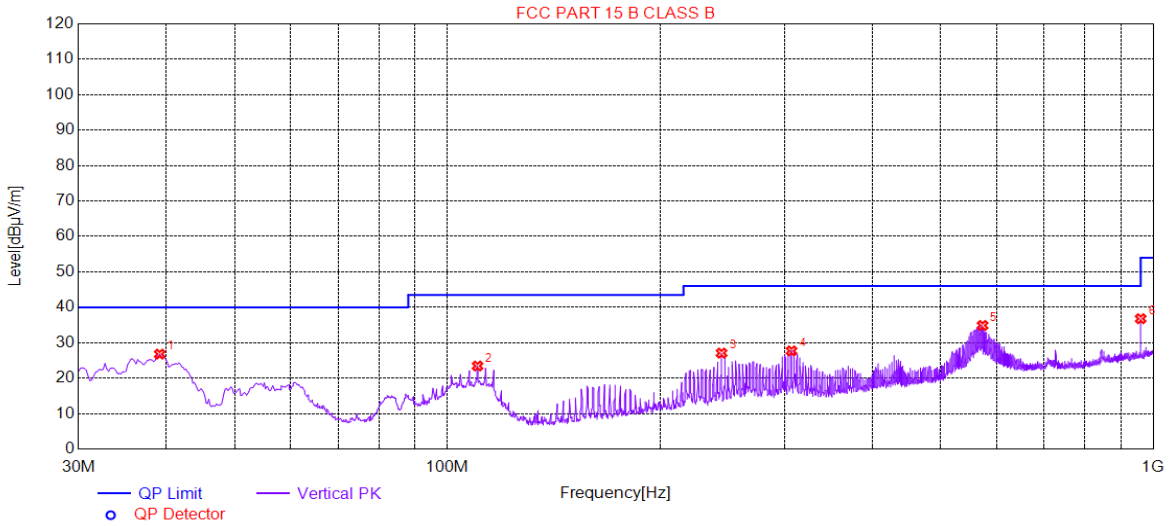
Mode:h; Polarization:Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	39.1198	26.79	-28.63	40.00	13.21	200	288	Vertical
2	110.3321	23.44	-32.05	43.50	20.06	285	93	Vertical
3	244.6069	27.07	-29.88	46.00	18.93	152	338	Vertical
4	307.2815	27.70	-28.06	46.00	18.30	257	329	Vertical
5	573.1146	34.87	-21.39	46.00	11.13	243	346	Vertical
6	960.0280	36.78	-15.34	54.00	17.22	267	288	Vertical

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6.3 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 to18000MHz

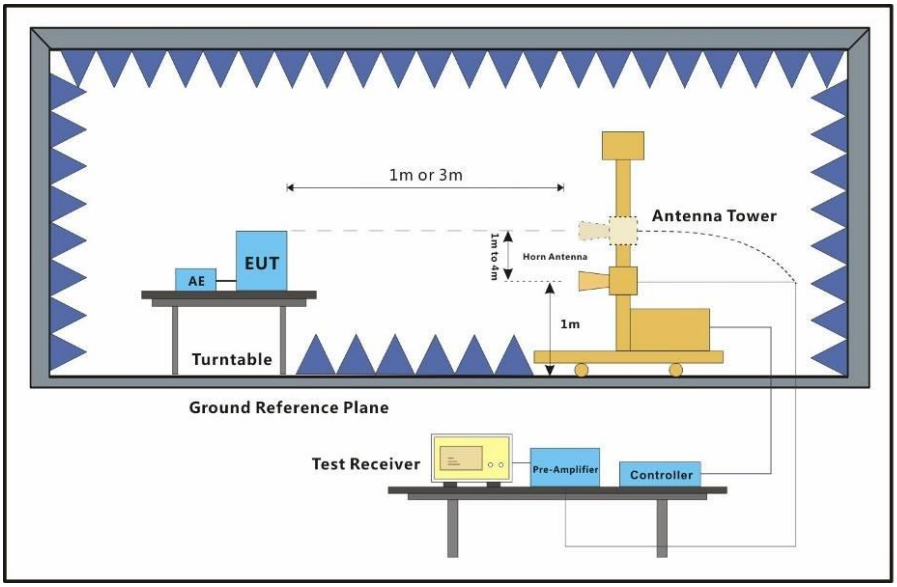
6.3.1 E.U.T. Operation

Operating Environment:

Temperature: 23.3 °C Humidity: 56.2 % RH Atmospheric Pressure: 1005 mbar

The worst case for final test: e: Transfer data between the EUT and the PC+USB cable1
j: Telecom Idle+BT+WLAN +GPS Rx+camera (Back) +earphone+battery+ Cable1+adapter2

6.3.2 Test Setup Diagram



6.3.3 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.

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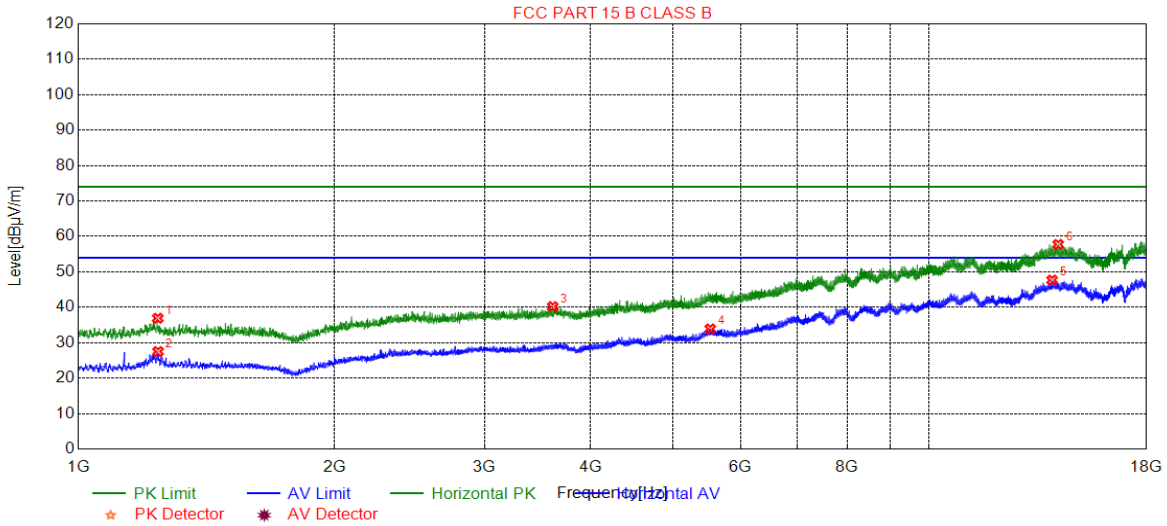
Mode:e; Polarization:Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1239.7120	36.92	-31.06	74.00	37.08	219	220	Horizontal
2	1240.5620	27.52	-31.06	54.00	26.48	157	220	Horizontal
3	3609.6305	40.20	-22.70	74.00	33.80	151	39	Horizontal
4	5527.3264	33.91	-15.98	54.00	20.09	111	69	Horizontal
5	13938.4969	47.69	2.20	54.00	6.31	174	320	Horizontal
6	14168.8584	57.75	2.16	74.00	16.25	211	220	Horizontal

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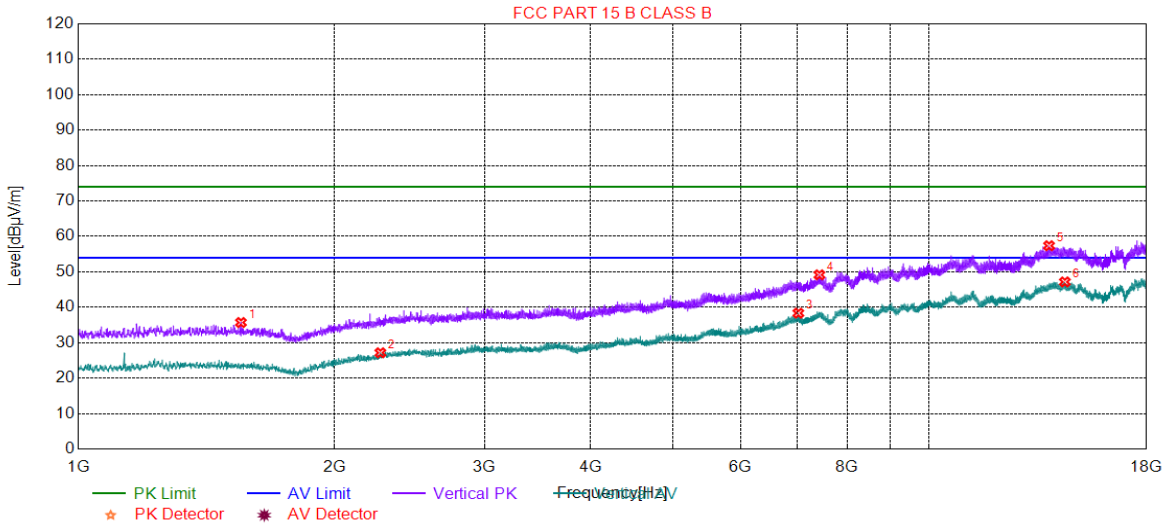

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1552.5276	35.70	-30.37	74.00	38.30	296	190	Vertical
2	2264.0132	27.16	-27.19	54.00	26.84	159	0	Vertical
3	7014.9007	38.34	-11.07	54.00	15.66	236	322	Vertical
4	7426.3213	49.16	-9.91	74.00	24.84	271	272	Vertical
5	13823.7412	57.37	1.86	74.00	16.63	166	170	Vertical
6	14428.1214	47.16	1.84	54.00	6.84	165	39	Vertical

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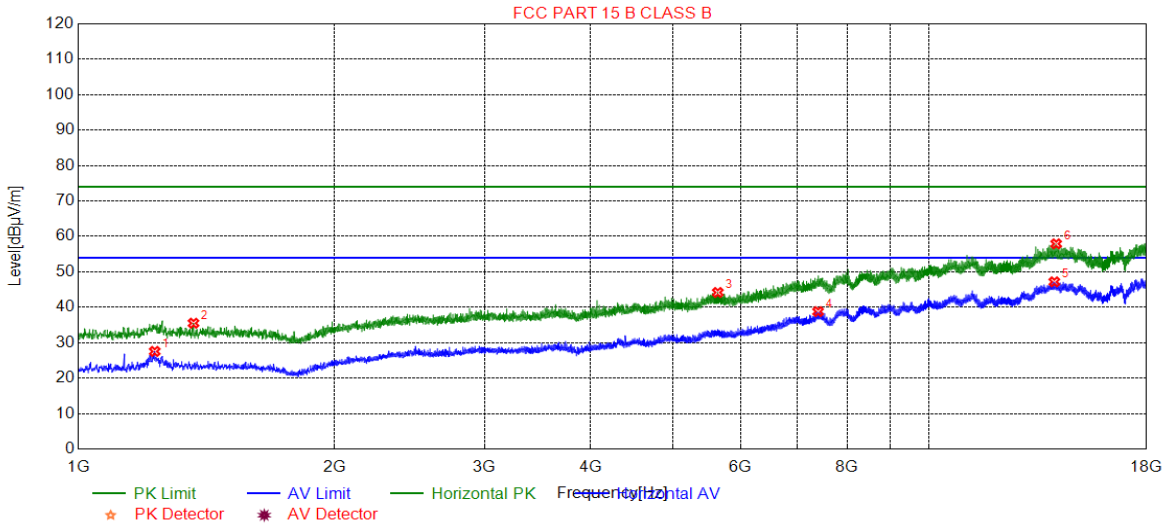

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1229.5115	27.55	-31.11	54.00	26.45	230	220	Horizontal
2	1365.5183	35.51	-30.45	74.00	38.49	144	220	Horizontal
3	5641.2321	44.18	-15.77	74.00	29.82	205	360	Horizontal
4	7399.9700	38.78	-9.98	54.00	15.22	130	119	Horizontal
5	14021.8011	47.18	2.27	54.00	6.82	121	360	Horizontal
6	14092.3546	57.91	2.35	74.00	16.09	197	18	Horizontal

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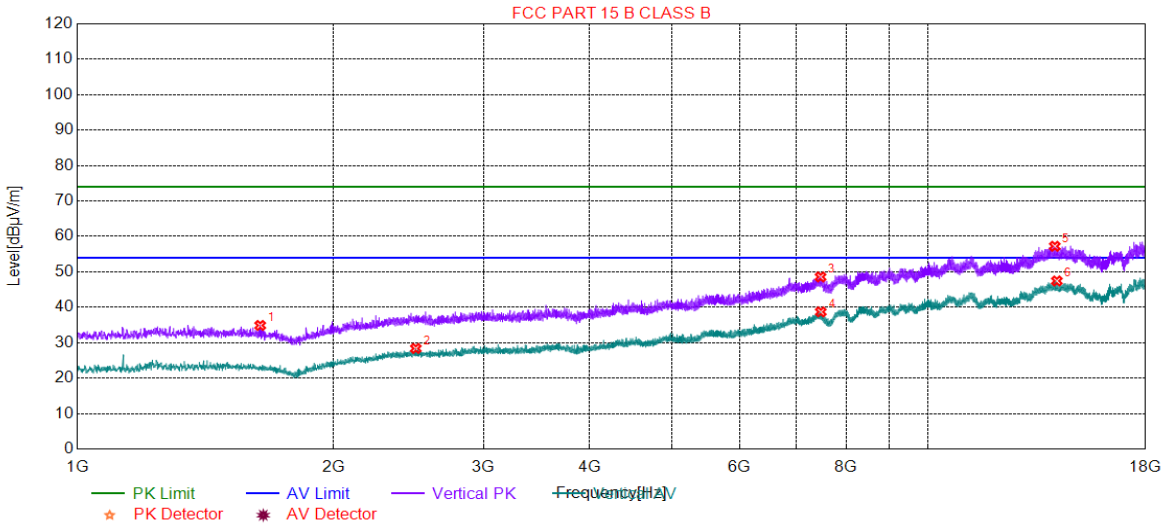

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1640.0820	34.88	-30.56	74.00	39.12	197	81	Vertical
2	2498.6249	28.38	-25.86	54.00	25.62	216	183	Vertical
3	7469.6735	48.57	-9.81	74.00	25.43	274	342	Vertical
4	7474.7737	38.70	-9.79	54.00	15.30	298	31	Vertical
5	14077.0539	57.22	2.33	74.00	16.78	180	233	Vertical
6	14156.1078	47.44	2.20	54.00	6.56	208	31	Vertical

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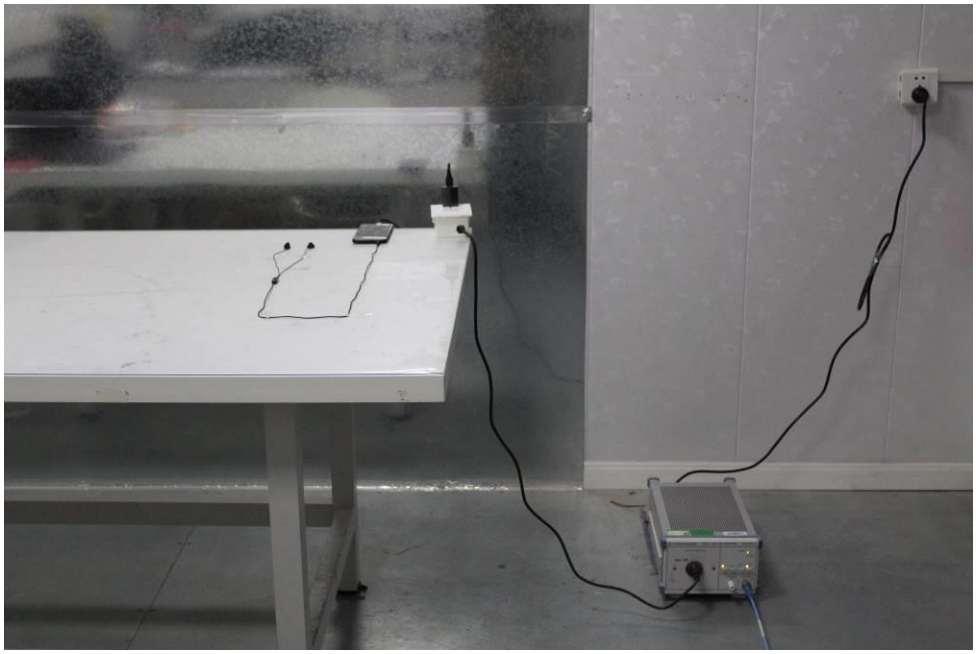
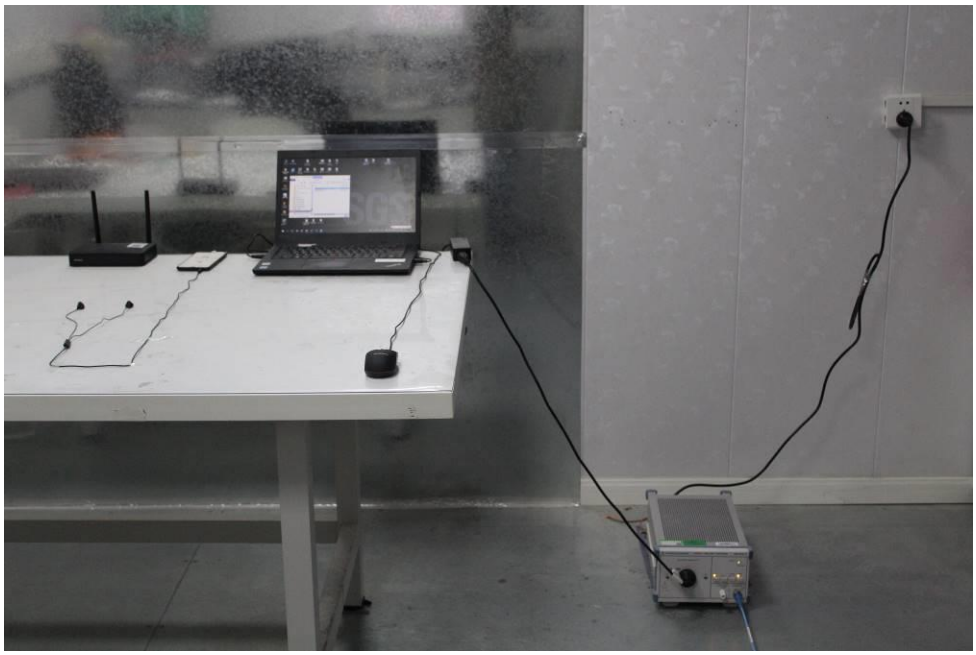
7 Photographs

7.1 Conducted Emissions at Mains Terminals (150kHz-30MHz) Test Setup

(Test Location: SGS-CSTC STANDARDS TECHNICAL SERVICES (XI 'AN) CO., LTD.)





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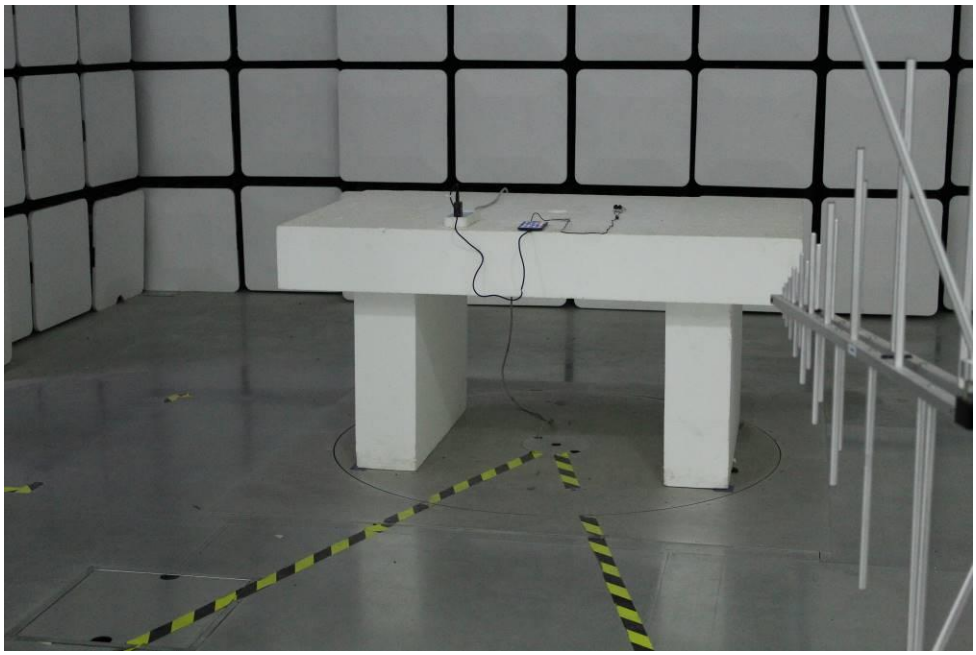
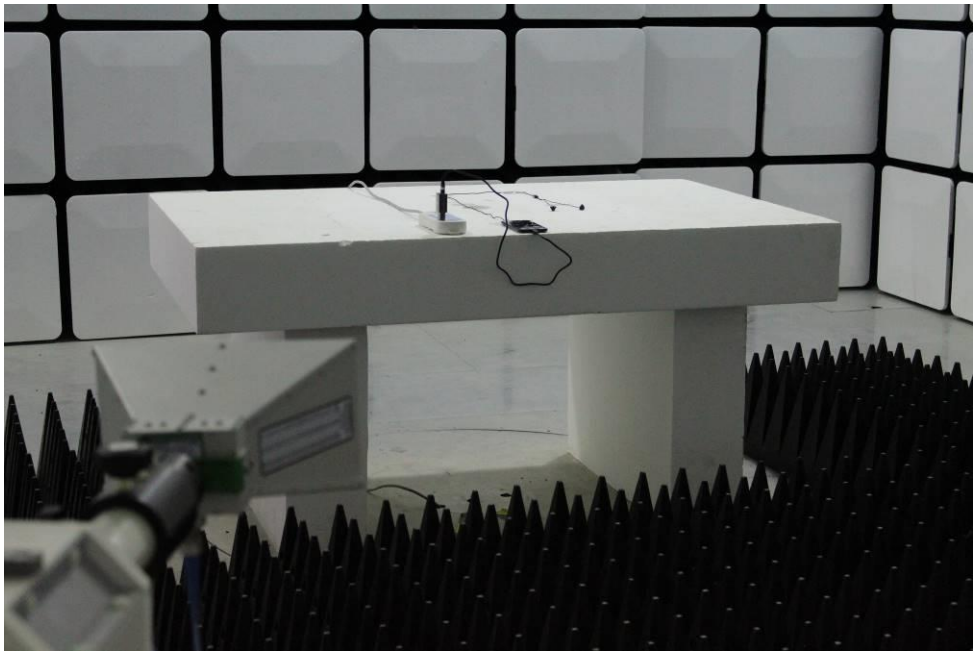
7.2 Radiated Emissions (30MHz-1GHz) Test Setup

(Test Location: SGS-CSTC STANDARDS TECHNICAL SERVICES (XI 'AN) CO., LTD.)





7.3 EUT Constructional Details (EUT Photos)

Please refer to internal and external photos.

- End of the Report -

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