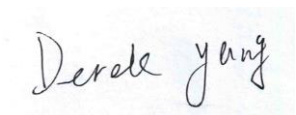
TEST REPORT

Application No.:	ZR/2019/B0013
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.:	5007G
Trade mark:	alcatel
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:	2019-12-17
Test Result:	**Pass***

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

Authorized Signature:



Derek Yang
Wireless Laboratory Manager

Revision Record				
Version	**Chapter**	**Date**	**Modifier**	**Remark**
01		2019-12-17		*Original*

Authorized for issue by:				
		Mike Hu		2019-12-17
		(Mike Hu) /Project Engineer		**Date**
		David Chen		2019-12-17
		(David Chen) /Reviewer		**Date**

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

3 Contents

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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;	-

4.2 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
Laptop	Lenovo	T430u	REF. No.SEA1800
Mouse	Lenovo	M-U0025-O	REF. No.:SEA2400
Router	NETGEAR	DGN2200	REF. No.SEA2200

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)

4.4 Measurement Uncertainty

No.	Item	Measurement Uncertainty
1	Conduction Emission	± 3.0dB (150kHz to 30MHz)
2	Radiated Emission	± 4.5dB (30MHz-1GHz)
		± 4.8dB (1GHz-6GHz)
3	Temperature test	± 1°C
4	Humidity test	± 3%

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4.5 Test Location

All tests were performed at:

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen Branch

No. 1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, Guangdong, China. 518057.

Tel: +86 755 2601 2053 Fax: +86 755 2671 0594

No tests were sub-contracted.

4.6 Test Facility

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

• CNAS (No. CNAS L2929)

CNAS has accredited SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch EMC Lab to ISO/IEC 17025:2005 General Requirements for the Competence of Testing and Calibration Laboratories (CNAS-CL01 Accreditation Criteria for the Competence of Testing and Calibration Laboratories) for the competence in the field of testing.

• A2LA (Certificate No. 3816.01)

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory is accredited by the American Association for Laboratory Accreditation(A2LA). Certificate No. 3816.01.

• VCCI

The 3m Fully-anechoic chamber for above 1GHz, 10m Semi-anechoic chamber for below 1GHz, Shielded Room for Mains Port Conducted Interference Measurement and Telecommunication Port Conducted Interference Measurement of SGS-CSTC Standards Technical Services Co., Ltd. have been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: G-20026, R-14188, C-12383 and T-11153 respectively.

• FCC –Designation Number: CN1178

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory has been recognized as an accredited testing laboratory.

Designation Number: CN1178. Test Firm Registration Number: 406779.

• Innovation, Science and Economic Development Canada

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory has been recognized by ISED as an accredited testing laboratory.

CAB identifier: CN0006.

IC#: 4620C.

4.7 Deviation from Standards

None

4.8 Abnormalities from Standard Conditions

None

5 Equipment List

Conducted Emissions at Mains Terminals (150kHz-30MHz)					
Equipment	**Manufacturer**	**Model No**	**Inventory No**	**Cal Date**	**Cal Due Date**
Shielding Room	ChangZhou ZhongYu	GB-88	SEM001-06	2017-05-10	2020-05-09
Measurement Software	AUDIX	e3 V5.4.1221d	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM024-01	2019-07-12	2020-07-11
LISN	Rohde & Schwarz	ENV216	SEM007-01	2019-09-25	2020-09-24
LISN	ETS-LINDGREN	3816/2	SEM007-02	2019-04-02	2020-04-01
EMI Test Receiver	Rohde & Schwarz	ESCI	SEM004-02	2019-04-02	2020-04-01

Radiated Emissions (30MHz-1GHz)					
Equipment	**Manufacturer**	**Model No**	**Inventory No**	**Cal Date**	**Cal Due Date**
10m Semi-Anechoic Chamber	SAEMC	FSAC1018	SEM001-03	2019-03-31	2021-03-30
Measurement Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM029-01	2019-07-12	2020-07-11
EMI Test Receiver (9kHz-7GHz)	Rohde & Schwarz	ESR	SEM004-03	2019-04-02	2020-04-01
Trilog-Broadband Antenna(30MHz-1GHz)	Schwarzbeck	VULB9168	SEM003-18	2016-06-29	2020-06-28
Pre-amplifier	Sonoma Instrument Co	310N	SEM005-04	2019-04-13	2020-04-12

Radiated Emissions (above 1GHz)					
Equipment	**Manufacturer**	**Model No**	**Inventory No**	**Cal Date**	**Cal Due Date**
3m Semi-Anechoic Chamber	AUDIX	N/A	SEM001-02	2018-03-13	2021-03-12
Measurement Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM026-01	2019-07-12	2020-07-11
EXA Spectrum Analyzer	AgilentTechnologies Inc	N9010A	SEM004-09	2019-04-13	2020-04-12
Horn Antenna(1-18GHz)	Rohde & Schwarz	HF907	SEM003-07	2019-04-13	2021-04-12
Pre-Amplifier(0.1-26.5GHz)	Compliance Directions Systems Inc.	PAP-0126	SEM004-11	2019-09-27	2020-09-26

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General used equipment					
Equipment	**Manufacturer**	**Model No**	**Inventory No**	**Cal Date**	**Cal Due Date**
Humidity/ Temperature Indicator	Shanghai Meteorological Industry Factory	ZJ1-2B	SEM002-03	2019-09-27	2020-09-26
Humidity/ Temperature Indicator	Shanghai Meteorological Industry Factory	ZJ1-2B	SEM002-04	2019-09-27	2020-09-26
Humidity/ Temperature Indicator	Mingle	N/A	SEM002-08	2019-09-27	2020-09-26
Barometer	Changchun Meteorological Industry Factory	DYM3	SEM002-01	2019-04-08	2020-04-07

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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

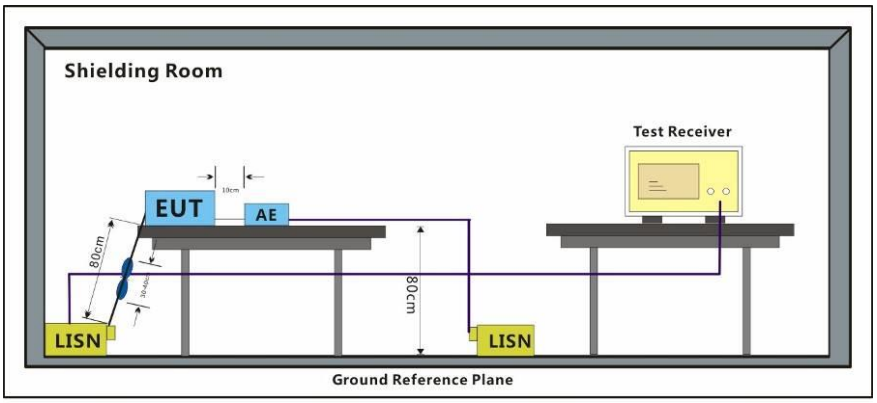
g: Telecom Idle+BT+WLAN +GPS Rx+playing MP4 (SD card) +earphone1+battery+Cable1+adapter1

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

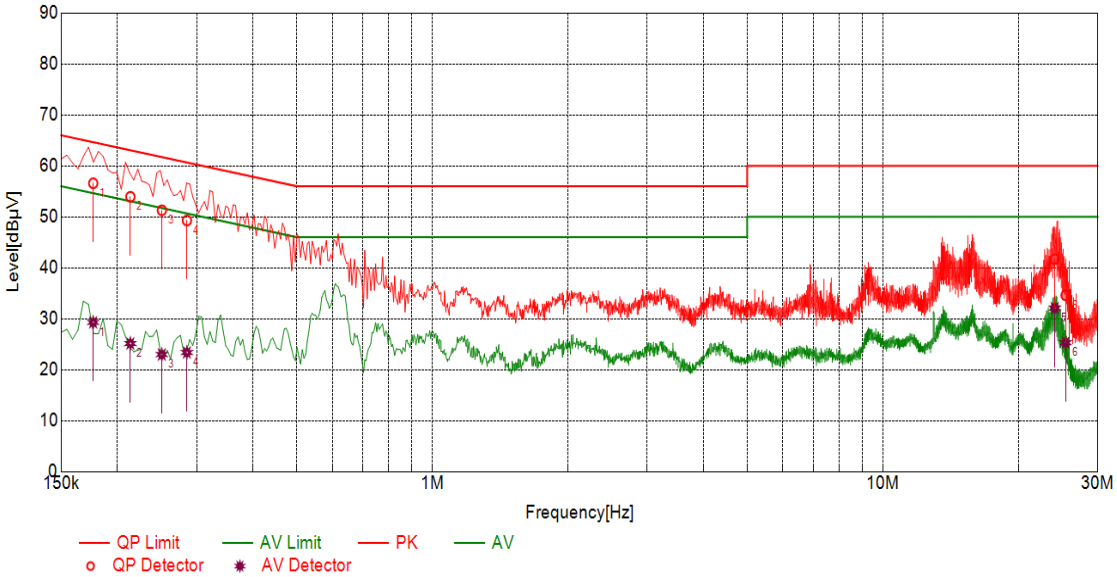
6.1.2 Test Setup Diagram



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.

Mode:e; Line:Live Line



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	0.1767	10.10	56.58	64.64	8.06	29.28	54.64	25.36	L
2	0.2137	10.10	53.93	63.06	9.13	25.14	53.06	27.92	L
3	0.2510	10.10	51.28	61.72	10.44	22.97	51.72	28.75	L
4	0.2853	10.10	49.28	60.66	11.38	23.37	50.66	27.29	L
5	24.0757	10.11	41.70	60.00	18.30	32.08	50.00	17.92	L
6	25.4437	10.11	34.60	60.00	25.40	25.30	50.00	24.70	L

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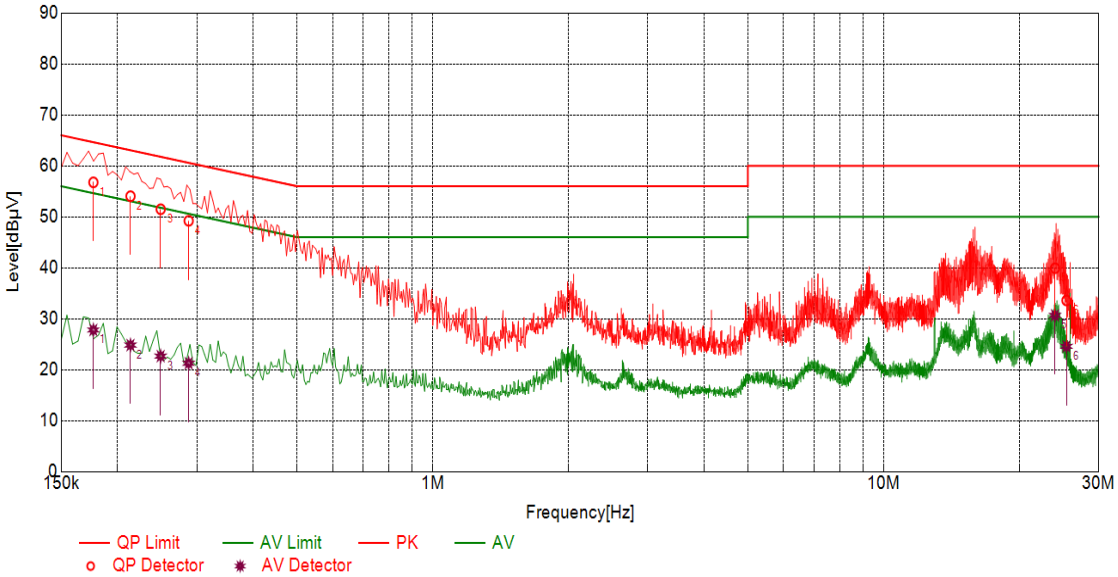
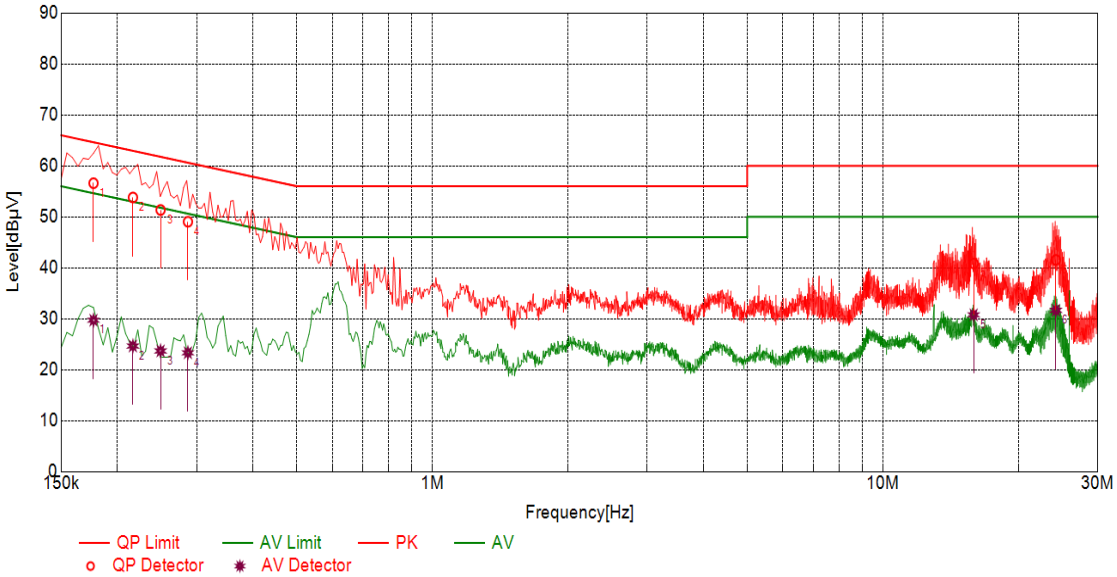
Mode:e; Line:Neutral Line



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	0.1768	10.10	56.76	64.63	7.87	27.79	54.63	26.84	N
2	0.2137	10.10	54.05	63.06	9.01	24.83	53.06	28.23	N
3	0.2493	10.10	51.49	61.78	10.29	22.66	51.78	29.12	N
4	0.2876	10.10	49.22	60.59	11.37	21.27	50.59	29.32	N
5	23.9960	10.11	39.92	60.00	20.08	30.66	50.00	19.34	N
6	25.4412	10.11	33.59	60.00	26.41	24.58	50.00	25.42	N

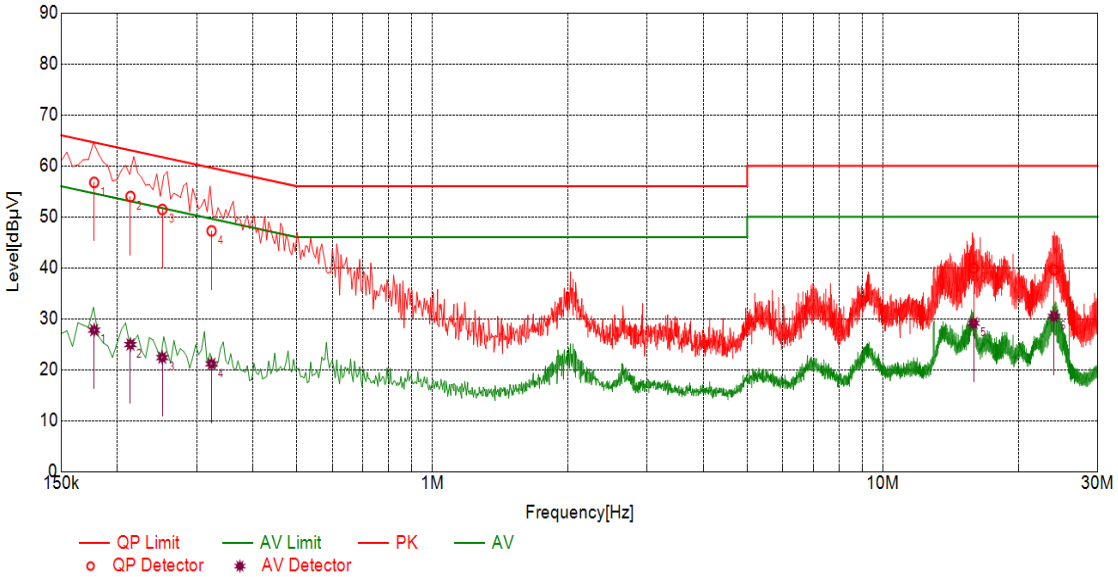
Mode:g; Line:Live Line



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	0.1770	10.10	56.60	64.63	8.03	29.71	54.63	24.92	L
2	0.2165	10.10	53.80	62.95	9.15	24.65	52.95	28.30	L
3	0.2494	10.10	51.35	61.78	10.43	23.68	51.78	28.10	L
4	0.2868	10.10	49.04	60.62	11.58	23.32	50.62	27.30	L
5	15.9077	10.11	40.84	60.00	19.16	30.77	50.00	19.23	L
6	24.2189	10.11	41.55	60.00	18.45	31.66	50.00	18.34	L

Mode:g; Line:Neutral Line



Test Graph

Final Data List									
NO.	Freq. [MHz]	Factor [dB]	QP Value	QP Limit	QP Margin	AV Value	AV Limit	AV Margin	Type
1	0.1776	10.10	56.75	64.60	7.85	27.76	54.60	26.84	N
2	0.2138	10.10	53.99	63.06	9.07	24.94	53.06	28.12	N
3	0.2516	10.10	51.44	61.71	10.27	22.38	51.71	29.33	N
4	0.3236	10.10	47.24	59.61	12.37	21.14	49.61	28.47	N
5	15.9086	10.11	39.91	60.00	20.09	29.13	50.00	20.87	N
6	23.9727	10.11	39.60	60.00	20.40	30.47	50.00	19.53	N

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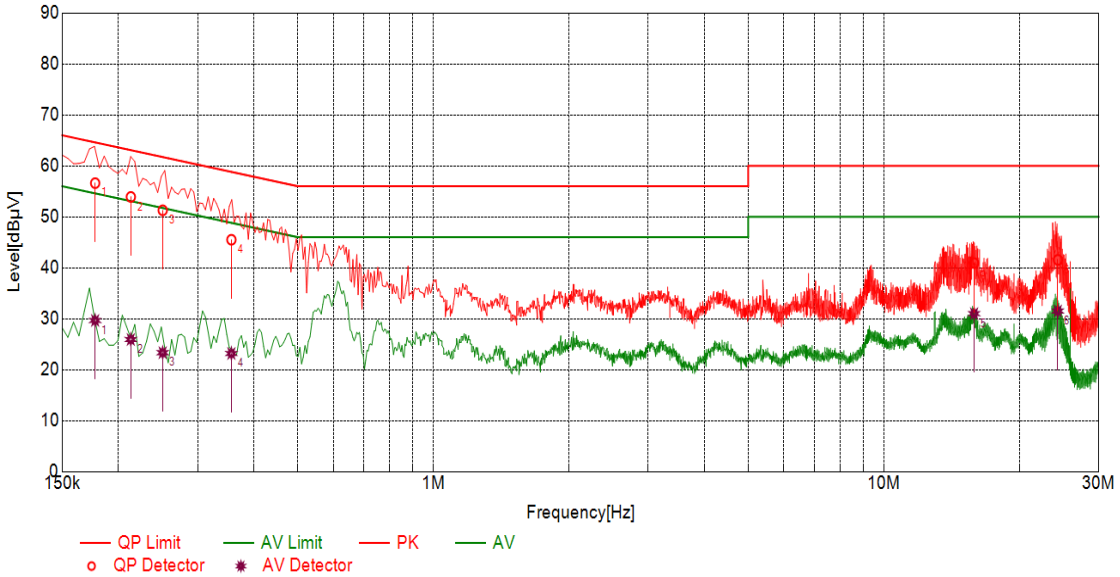
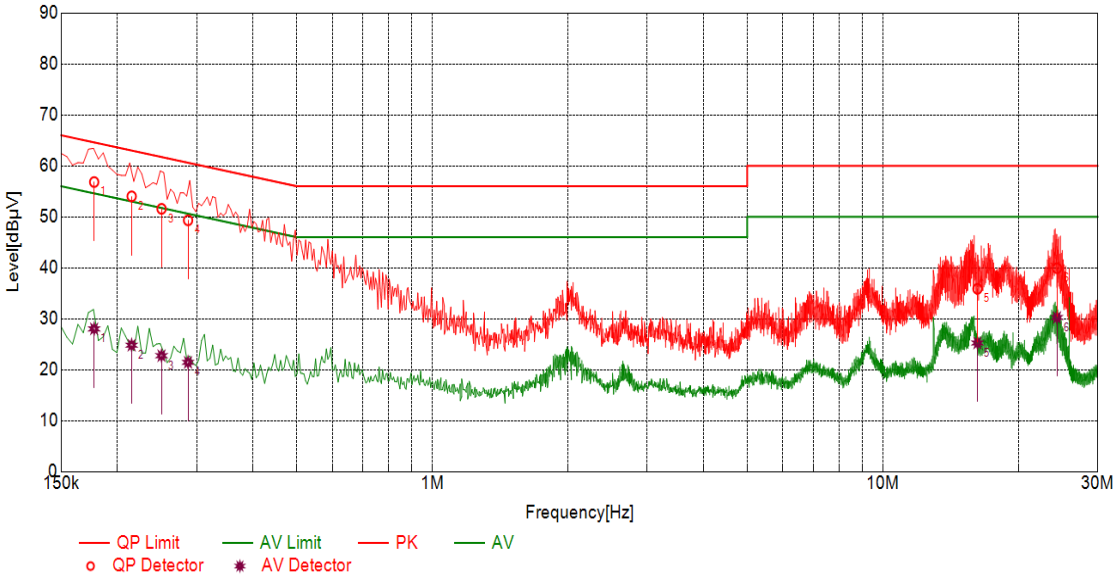
Mode:h; Line:Live Line



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	0.1776	10.10	56.61	64.60	7.99	29.66	54.60	24.94	L
2	0.2131	10.10	53.90	63.08	9.18	25.92	53.08	27.16	L
3	0.2508	10.10	51.28	61.73	10.45	23.34	51.73	28.39	L
4	0.3563	10.10	45.50	58.82	13.32	23.18	48.82	25.64	L
5	15.8627	10.11	40.93	60.00	19.07	31.00	50.00	19.00	L
6	24.3329	10.11	41.56	60.00	18.44	31.52	50.00	18.48	L

Mode:h; Line:Neutral Line



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	0.1776	10.10	56.83	64.60	7.77	28.01	54.60	26.59	N
2	0.2151	10.10	54.02	63.01	8.99	24.81	53.01	28.20	N
3	0.2506	10.10	51.57	61.74	10.17	22.75	51.74	28.99	N
4	0.2870	10.10	49.32	60.61	11.29	21.44	50.61	29.17	N
5	16.2166	10.11	35.88	60.00	24.12	25.24	50.00	24.76	N
6	24.3523	10.11	39.91	60.00	20.09	30.24	50.00	19.76	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

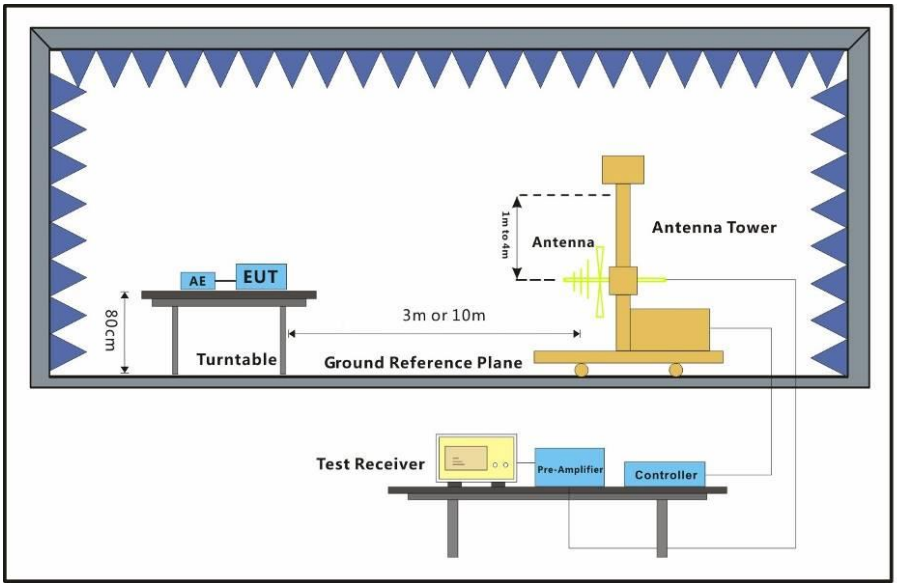
6.2.1 E.U.T. Operation

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

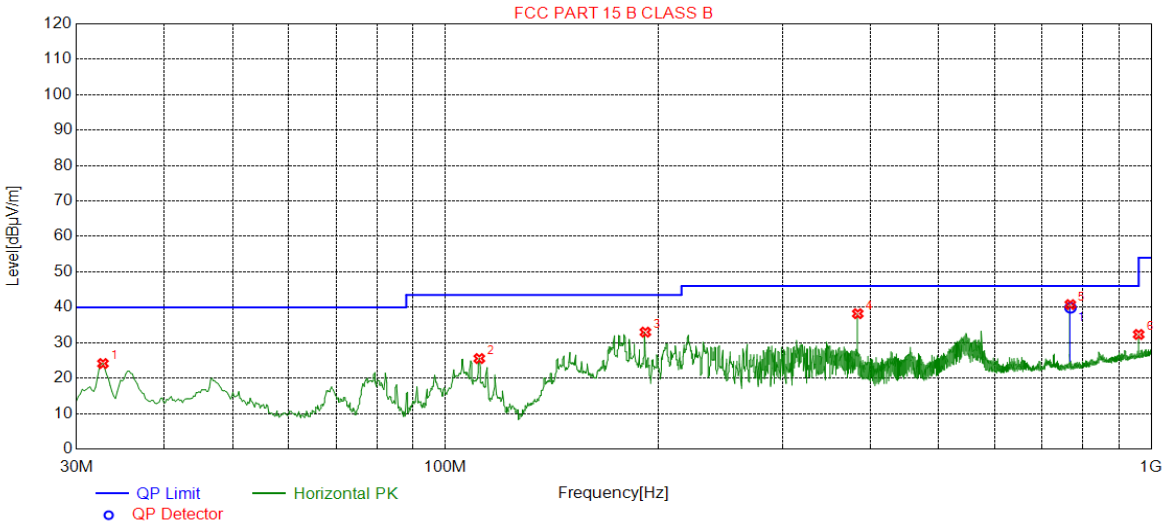
6.2.2 Test Setup Diagram



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.

Mode:f; Polarization:Horizontal



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	32.7165	24.13	-30.01	40.00	15.87	100	302	Horizontal
2	111.690	25.54	-32.27	43.50	17.96	200	247	Horizontal
3	192.022	32.99	-32.03	43.50	10.51	200	259	Horizontal
4	383.926	38.20	-25.95	46.00	7.80	200	346	Horizontal
5	768.123	40.77	-18.13	46.00	5.23	100	55	Horizontal
6	960.028	32.34	-15.34	54.00	21.66	200	265	Horizontal

Final Data List

Final Data List								
NO.	Freq. [MHz]	Factor [dB]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	768.342	-18.13	39.86	46.00	6.14	100	55	Horizontal

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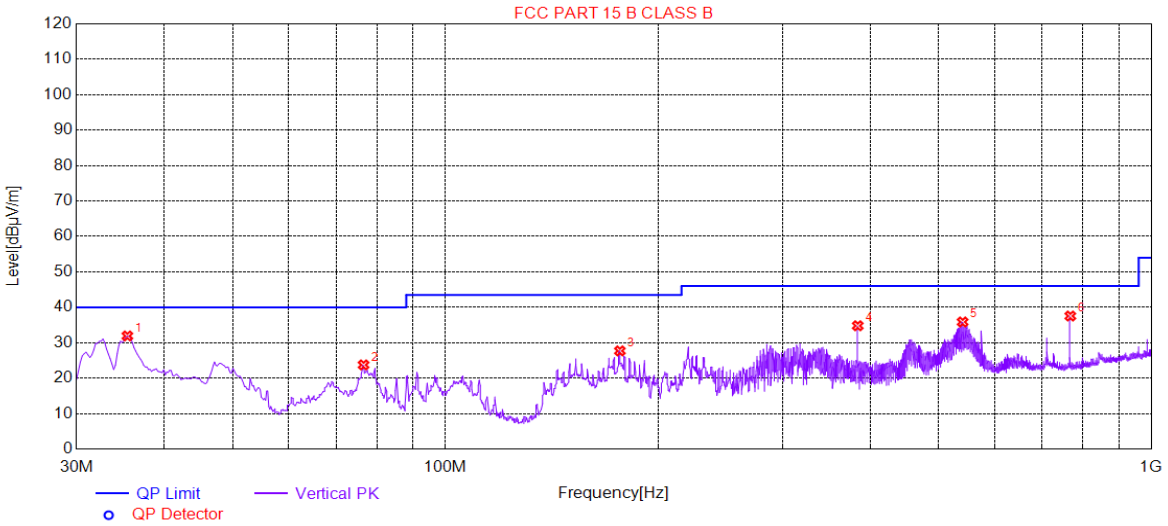
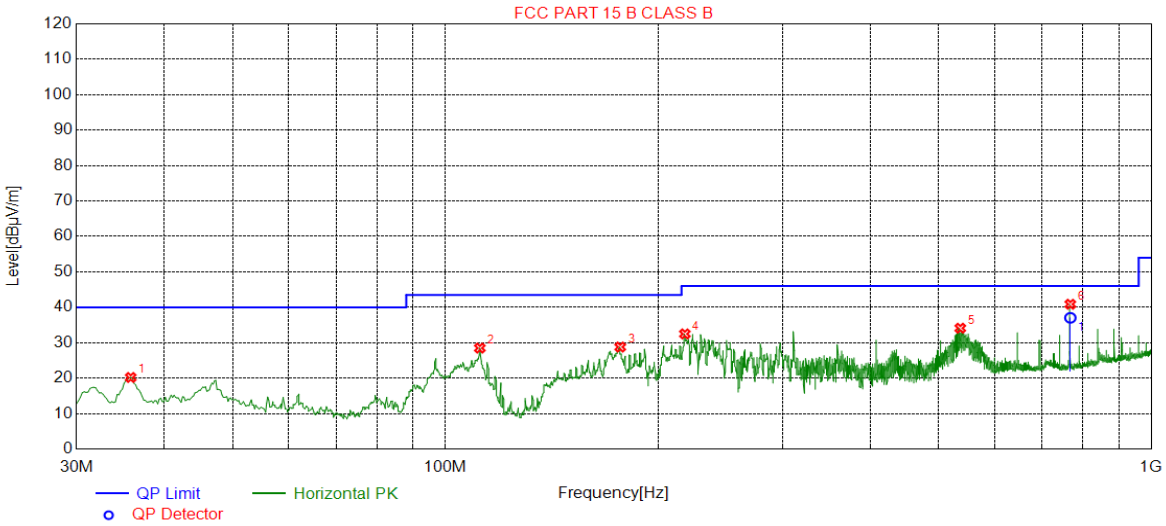
Mode:f; Polarization:Vertical



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	35.4331	31.92	-29.82	40.00	8.08	200	1	Vertical
2	76.5693	23.74	-35.53	40.00	16.26	100	238	Vertical
3	176.693	27.70	-33.54	43.50	15.80	100	345	Vertical
4	383.926	34.79	-25.95	46.00	11.21	200	346	Vertical
5	540.516	35.86	-22.28	46.00	10.14	100	194	Vertical
6	768.123	37.54	-18.13	46.00	8.46	100	316	Vertical

Mode:h; Polarization:Horizontal



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	35.8212	20.20	-29.69	40.00	19.80	200	294	Horizontal
2	111.884	28.49	-32.30	43.50	15.01	200	107	Horizontal
3	176.887	28.79	-33.52	43.50	14.71	100	224	Horizontal
4	218.411	32.49	-30.75	46.00	13.51	100	224	Horizontal
5	536.441	34.11	-22.39	46.00	11.89	200	224	Horizontal
6	768.123	40.87	-18.13	46.00	5.13	200	1	Horizontal

Final Data List

Final Data List								
NO.	Freq. [MHz]	Factor [dB]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	768.007	-18.13	37.03	46.00	8.97	174.3	358.7	Horizontal

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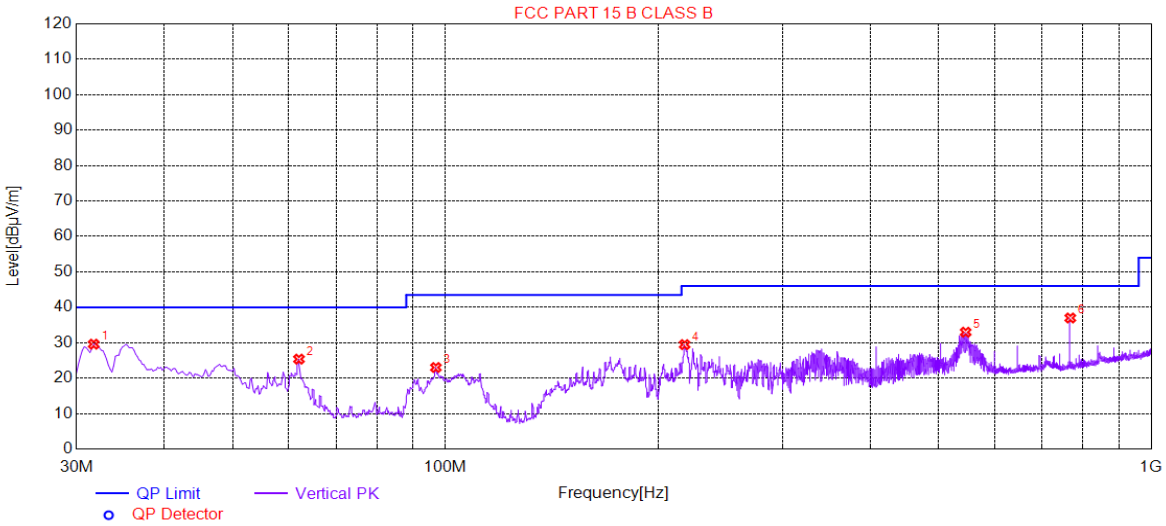
Mode:h; Polarization:Vertical



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	31.7463	29.60	-30.04	40.00	10.40	100	351	Vertical
2	62.0164	25.37	-32.38	40.00	14.63	100	321	Vertical
3	96.9434	23.01	-32.54	43.50	20.49	100	99	Vertical
4	218.2176	29.47	-30.76	46.00	16.53	200	152	Vertical
5	545.9492	32.97	-22.14	46.00	13.03	100	143	Vertical
6	768.1236	36.98	-18.13	46.00	9.02	100	14	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

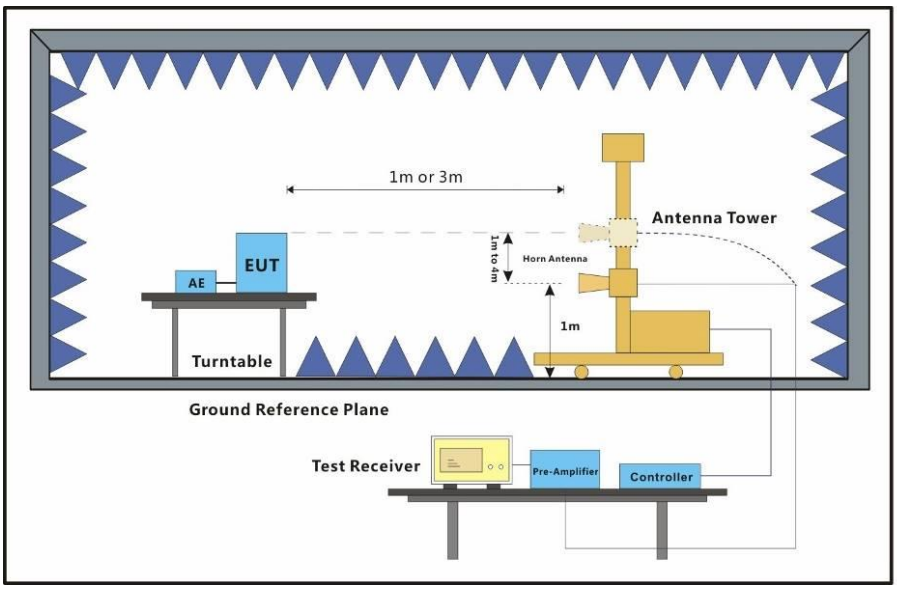
6.3.1 E.U.T. Operation

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

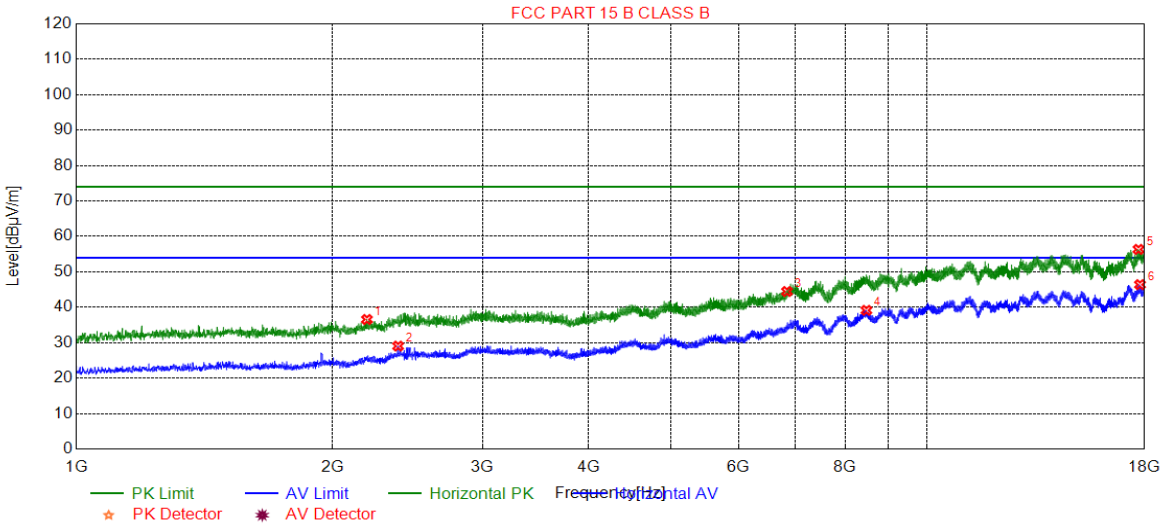
6.3.2 Test Setup Diagram



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.

Mode:e; Polarization:Horizontal



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2195.1598	36.56	-27.50	74.00	37.44	100	118	Horizontal
2	2388.1194	29.05	-26.23	54.00	24.95	100	18	Horizontal
3	6839.7920	44.46	-13.69	74.00	29.54	100	218	Horizontal
4	8478.6739	39.14	-9.09	54.00	14.86	100	68	Horizontal
5	17703.335	56.34	-0.81	74.00	17.66	100	169	Horizontal
6	17775.588	46.39	-1.51	54.00	7.61	100	118	Horizontal

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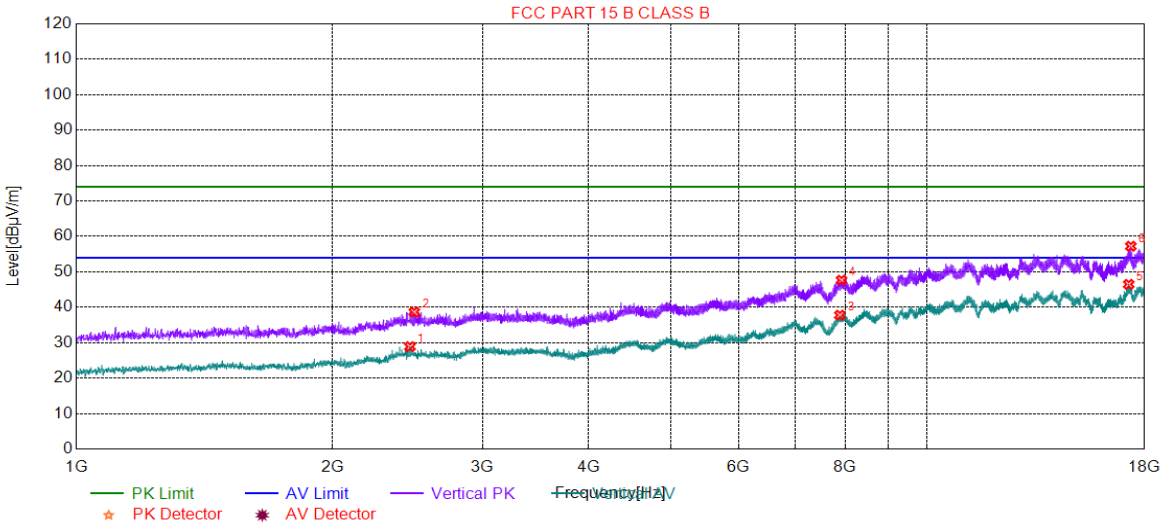
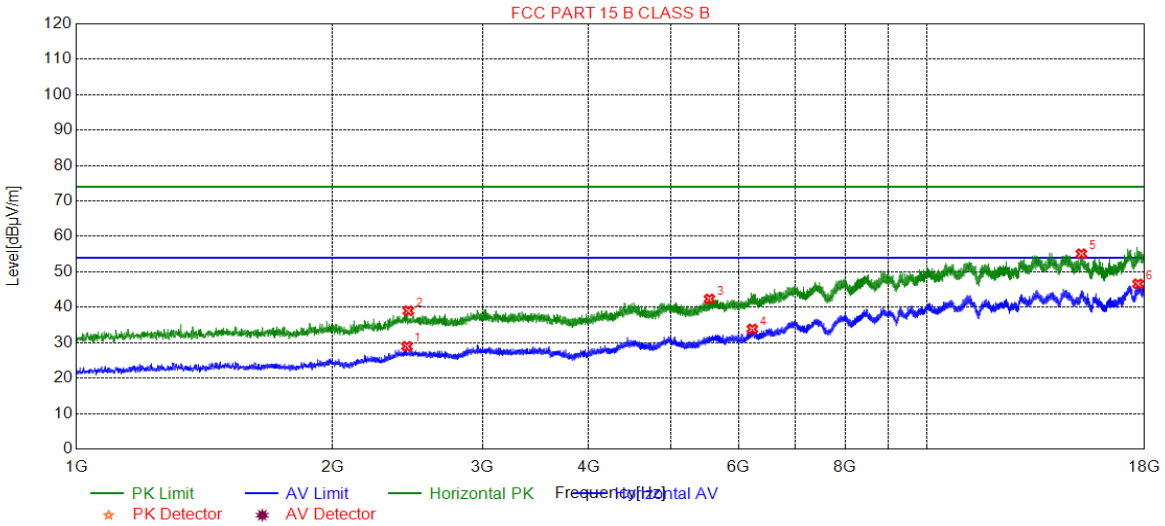
Mode:e; Polarization:Vertical



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2466.3233	28.89	-25.94	54.00	25.11	100	90	Vertical
2	2495.2248	38.64	-25.91	74.00	35.36	100	191	Vertical
3	7891.2946	37.78	-10.69	54.00	16.22	100	292	Vertical
4	7926.1463	47.65	-10.42	74.00	26.35	100	241	Vertical
5	17241.762	46.48	-1.96	54.00	7.52	100	241	Vertical
6	17342.067	57.23	-1.60	74.00	16.77	100	241	Vertical

Mode:j; Polarization:Horizontal



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2445.9223	28.98	-25.96	54.00	25.02	100	319	Horizontal
2	2455.2728	39.03	-25.95	74.00	34.97	100	168	Horizontal
3	5545.1773	42.37	-17.91	74.00	31.63	100	269	Horizontal
4	6226.9113	33.88	-15.61	54.00	20.12	100	168	Horizontal
5	15169.358	55.09	-0.33	74.00	18.91	100	68	Horizontal
6	17681.234	46.61	-0.93	54.00	7.39	100	269	Horizontal

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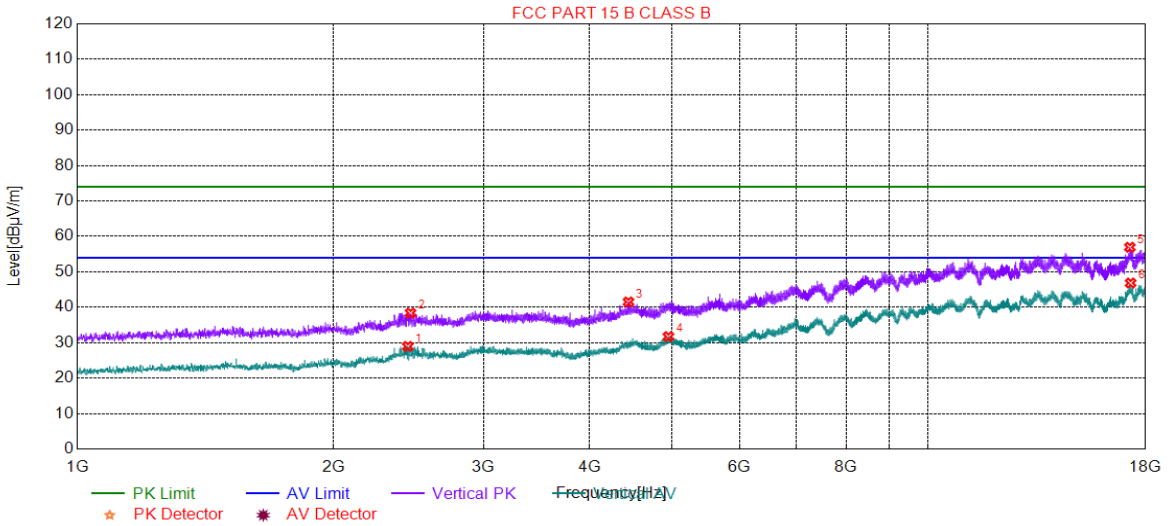
Mode:j; Polarization:Vertical



NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2445.0723	28.96	-25.96	54.00	25.04	100	242	Vertical
2	2462.9231	38.38	-25.94	74.00	35.62	100	91	Vertical
3	4441.8221	41.51	-20.60	74.00	32.49	100	191	Vertical
4	4949.2975	31.72	-18.86	54.00	22.28	100	191	Vertical
5	17248.5624	56.94	-1.90	74.00	17.06	100	91	Vertical
6	17283.4142	46.85	-1.60	54.00	7.15	100	242	Vertical

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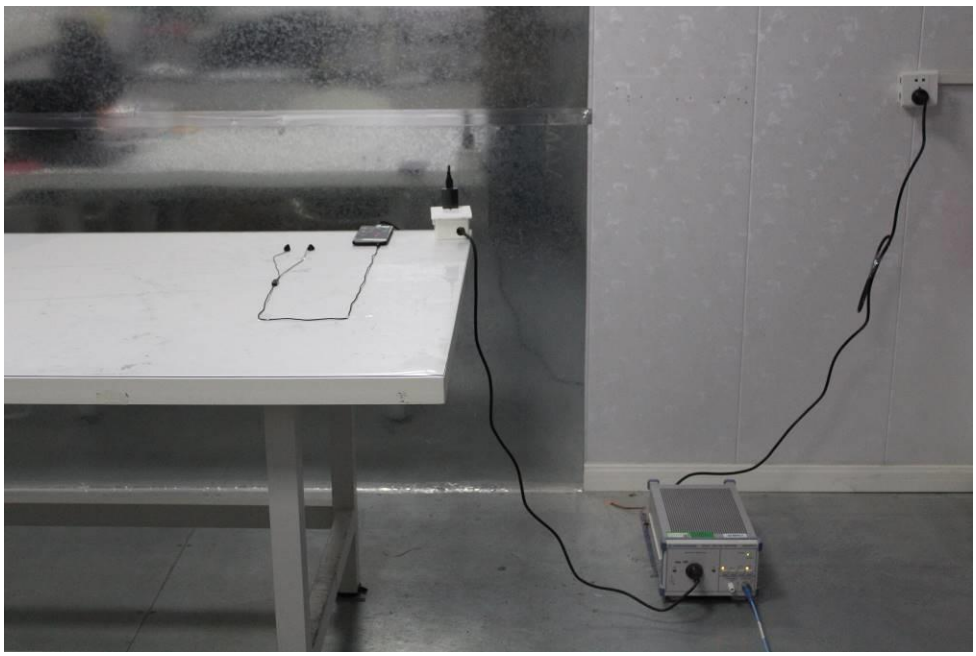
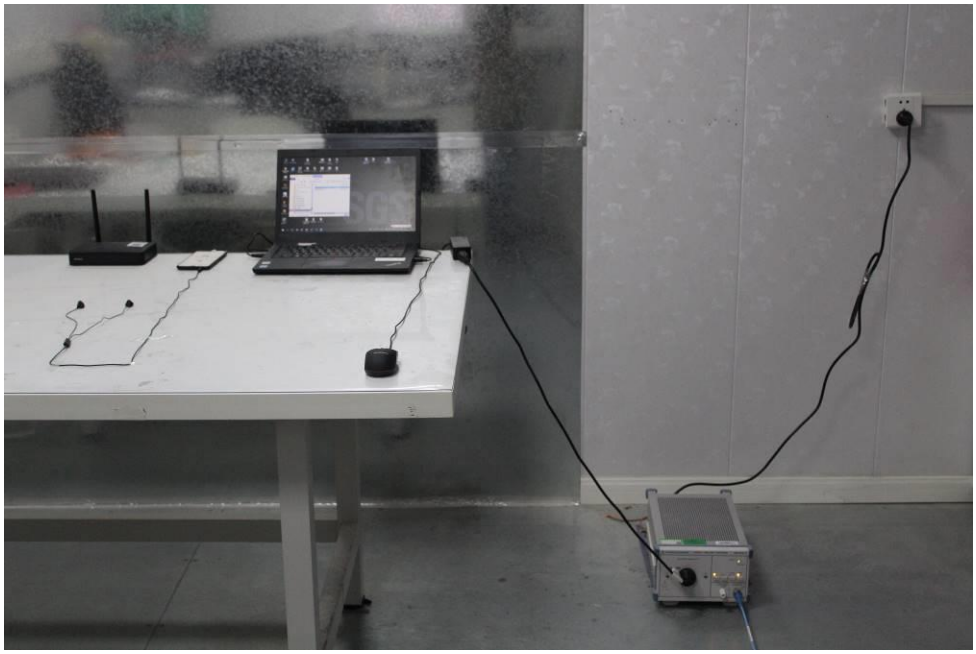
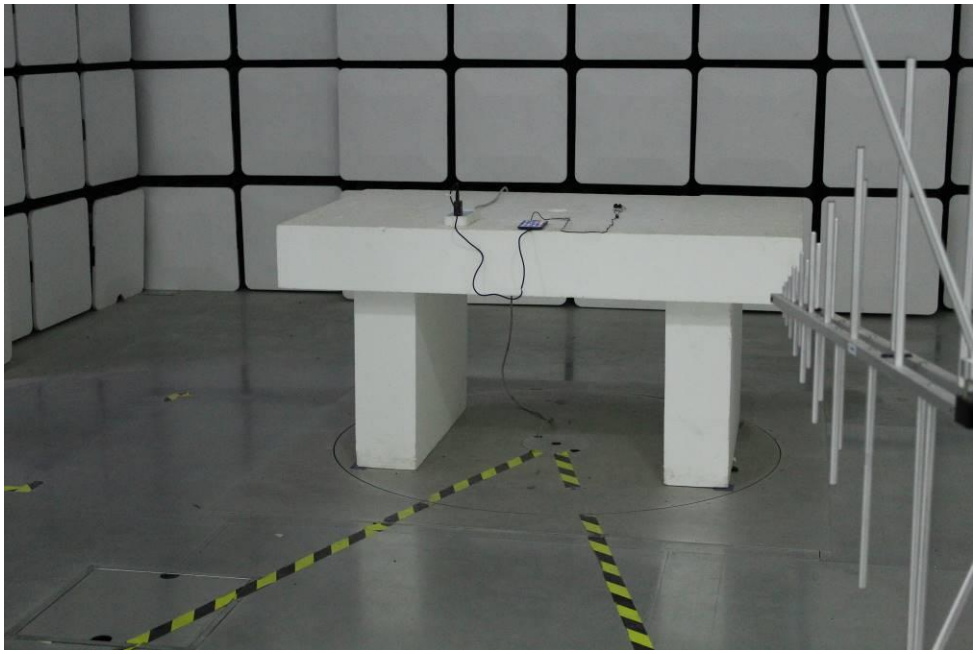
7 Photographs

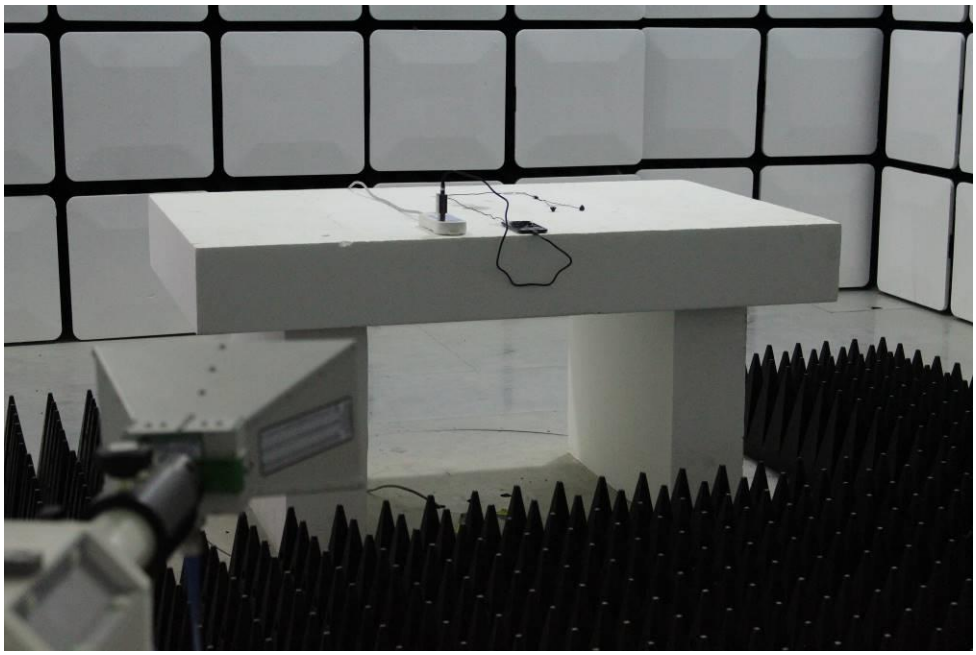
7.1 Conducted Emissions at Mains Terminals (150kHz-30MHz) Test Setup





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





7.3 EUT Constructional Details (EUT Photos)

Please refer to internal and external photos.

- End of the Report -