TEST REPORT

Application No.:	ZR/2019/B0004
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.:	5028A
Trade mark:	alcatel
FCC ID:	2ACCJH113
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:	2019-12-20
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		2019-12-20		*Original*

Authorized for issue by:				
		Mike Hu		2019-12-20
		(Mike Hu) /Project Engineer		**Date**
		David Chen		2019-12-20
		(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

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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	CBA0059AGAC5	UC13US; 5.0 V,2000 mA, PUAN;	-
	2	CBA0059AGAC7	UC13US; 5.0 V,2000 mA,; CHENGYANG	
USB cable	1	CDA0000024C8	PUAN	-
	2	CDA0000024C2	JUWEI	-
Headset	1	CCB0046A10C1	JUWEI; alcatel Logo	-
	2	CCB0046A10C4	MEIHAO; alcatel Logo	-
	3	CCB0046A15C1	JUWEI	Same with CCB0046A10C1, only remove alcatel logo
	4	CCB0046A15C4	MEIHAO	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

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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)+adapter1 h: Telecom Idle+BT+WLAN +GPS Rx+playing MP4 (SD card) +earphone1+battery+ Cable(worst)+adapter2 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%

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

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

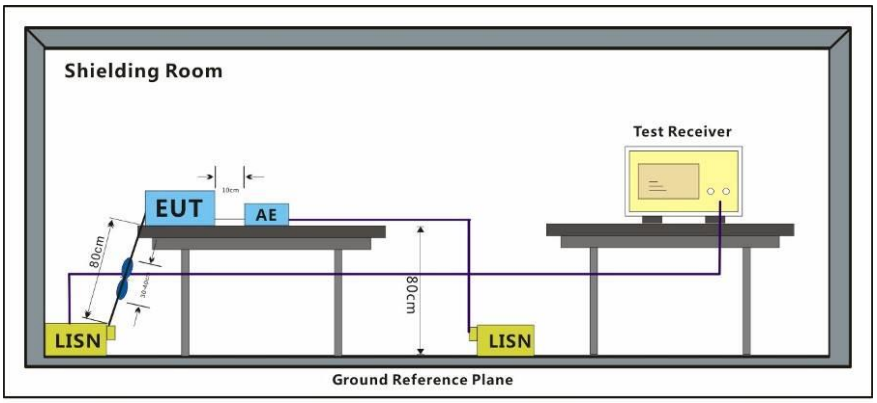
g: Telecom Idle+BT+WLAN +GPS Rx+playing MP4 (SD card) +earphone1+battery+Cable1+adapter1

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

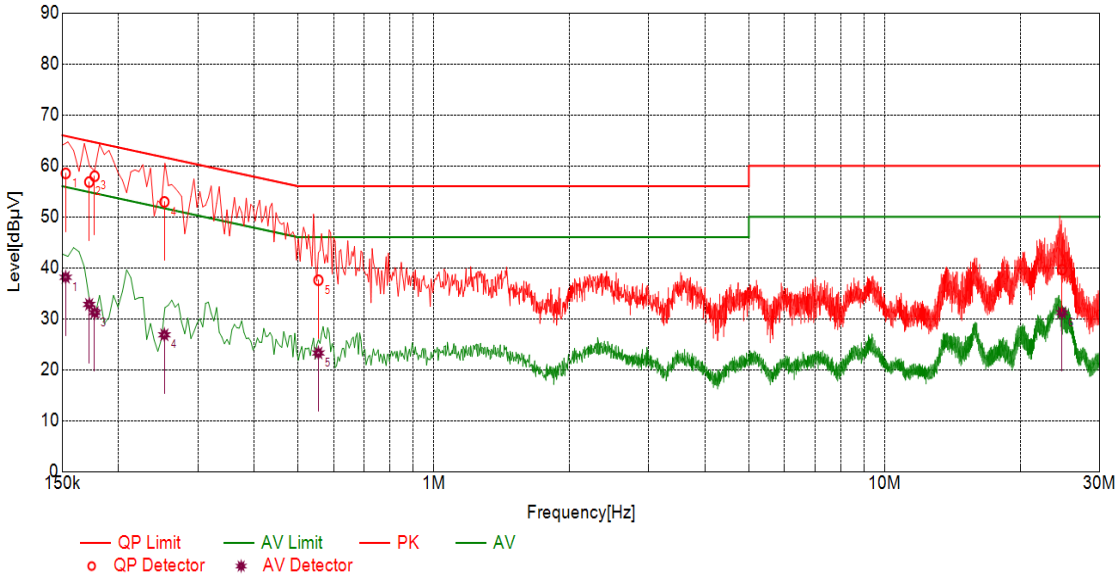
6.1.2 Test Setup Diagram



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	0.1527	10.10	58.52	65.85	7.33	38.13	55.85	17.72	L
2	0.1722	10.10	56.82	64.85	8.03	32.82	54.85	22.03	L
3	0.1770	10.10	57.97	64.63	6.66	31.21	54.63	23.42	L
4	0.2528	10.10	52.93	61.67	8.74	26.84	51.67	24.83	L
5	0.5550	10.10	37.56	56.00	18.44	23.28	46.00	22.72	L
6	24.7380	10.11	39.63	60.00	20.37	31.20	50.00	18.80	L

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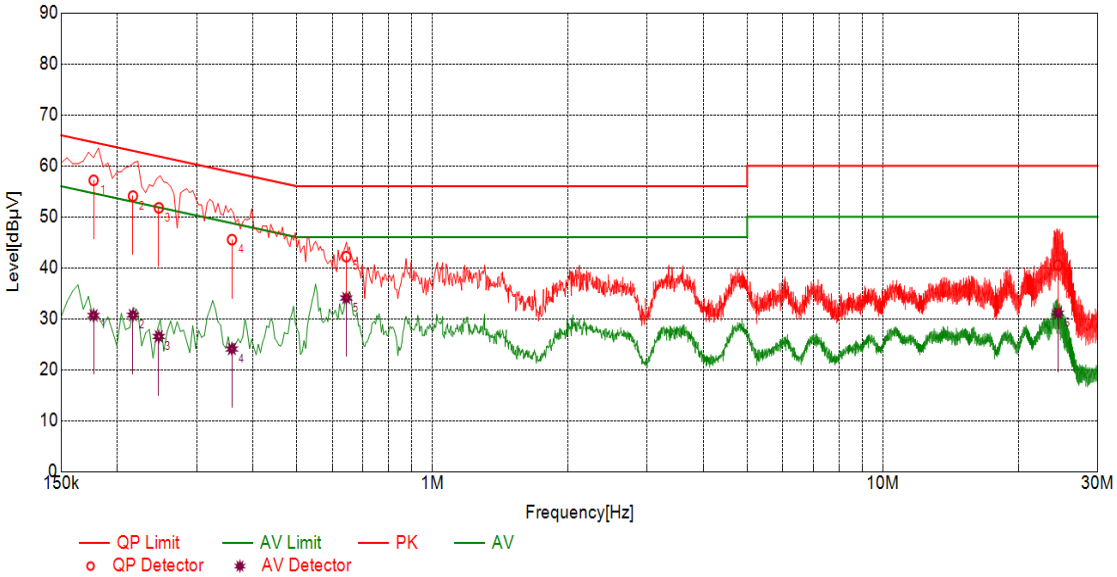
Mode:e; Line:Neutral Line



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	0.1771	10.10	57.16	64.62	7.46	30.65	54.62	23.97	N
2	0.2165	10.10	54.07	62.95	8.88	30.72	52.95	22.23	N
3	0.2471	10.10	51.75	61.85	10.10	26.51	51.85	25.34	N
4	0.3591	10.10	45.52	58.75	13.23	24.07	48.75	24.68	N
5	0.6443	10.10	42.19	56.00	13.81	34.07	46.00	11.93	N
6	24.4792	10.11	40.52	60.00	19.48	31.11	50.00	18.89	N

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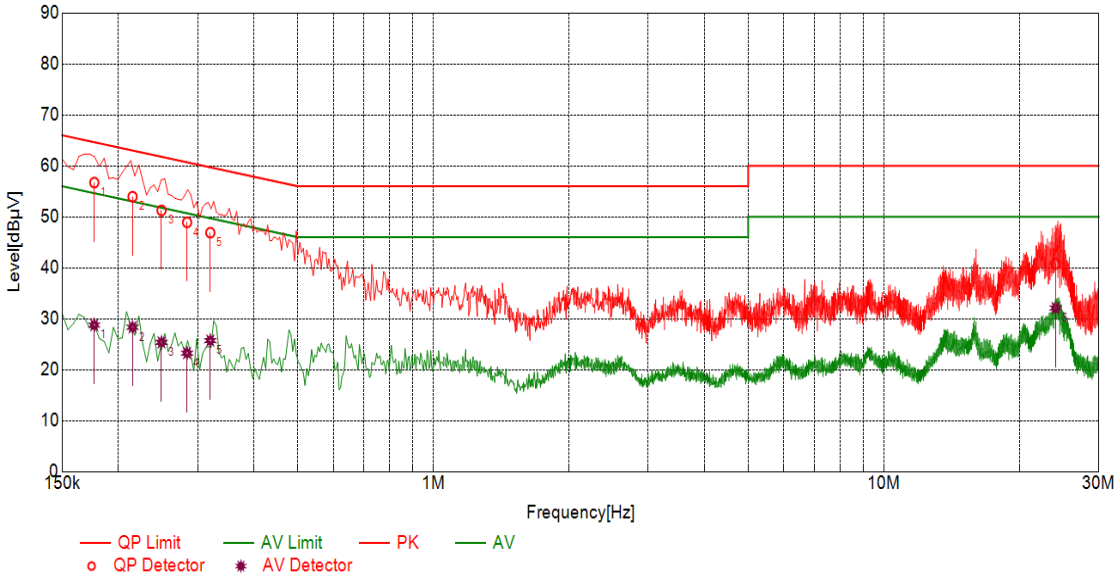
Mode:g; Line:Live Line



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	0.1768	10.10	56.72	64.63	7.91	28.75	54.63	25.88	L
2	0.2150	10.10	53.95	63.01	9.06	28.33	53.01	24.68	L
3	0.2493	10.10	51.26	61.78	10.52	25.36	51.78	26.42	L
4	0.2841	10.10	48.91	60.70	11.79	23.25	50.70	27.45	L
5	0.3199	10.10	46.89	59.71	12.82	25.71	49.71	24.00	L
6	24.0577	10.11	40.82	60.00	19.18	32.11	50.00	17.89	L

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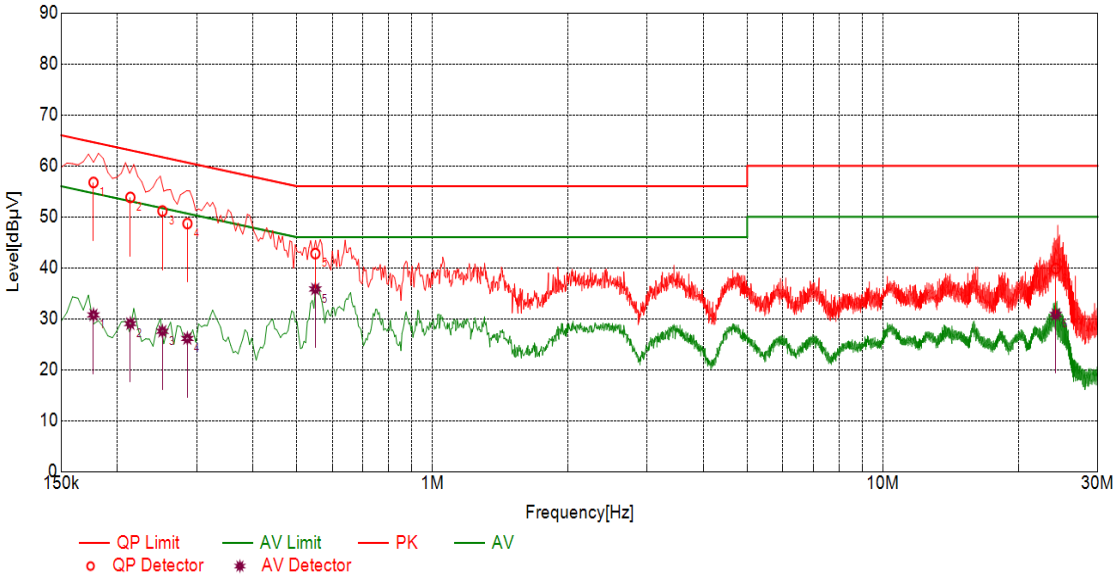
Mode:g; Line:Neutral Line



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	0.1770	10.10	56.74	64.63	7.89	30.75	54.63	23.88	N
2	0.2137	10.10	53.81	63.06	9.25	29.04	53.06	24.02	N
3	0.2517	10.10	51.14	61.70	10.56	27.54	51.70	24.16	N
4	0.2860	10.10	48.68	60.64	11.96	26.12	50.64	24.52	N
5	0.5499	10.10	42.79	56.00	13.21	35.83	46.00	10.17	N
6	24.2000	10.11	39.86	60.00	20.14	30.85	50.00	19.15	N

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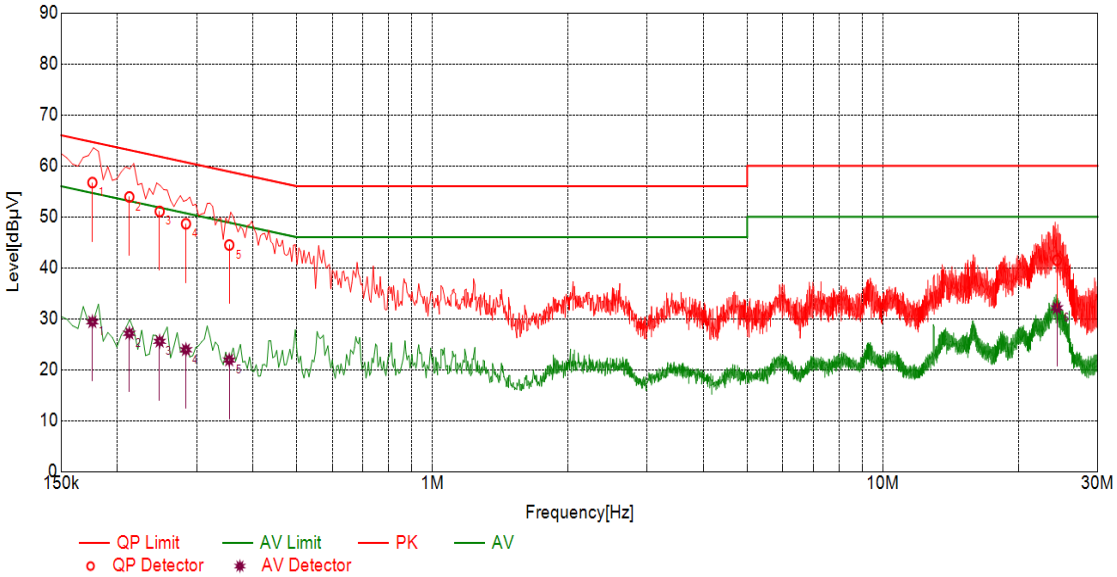
Mode:h; Line:Live Line



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	0.1760	10.10	56.72	64.67	7.95	29.38	54.67	25.29	L
2	0.2126	10.10	53.90	63.10	9.20	27.13	53.10	25.97	L
3	0.2482	10.10	51.06	61.82	10.76	25.57	51.82	26.25	L
4	0.2839	10.10	48.63	60.70	12.07	23.91	50.70	26.79	L
5	0.3542	10.10	44.47	58.86	14.39	21.89	48.86	26.97	L
6	24.3428	10.11	41.49	60.00	18.51	32.13	50.00	17.87	L

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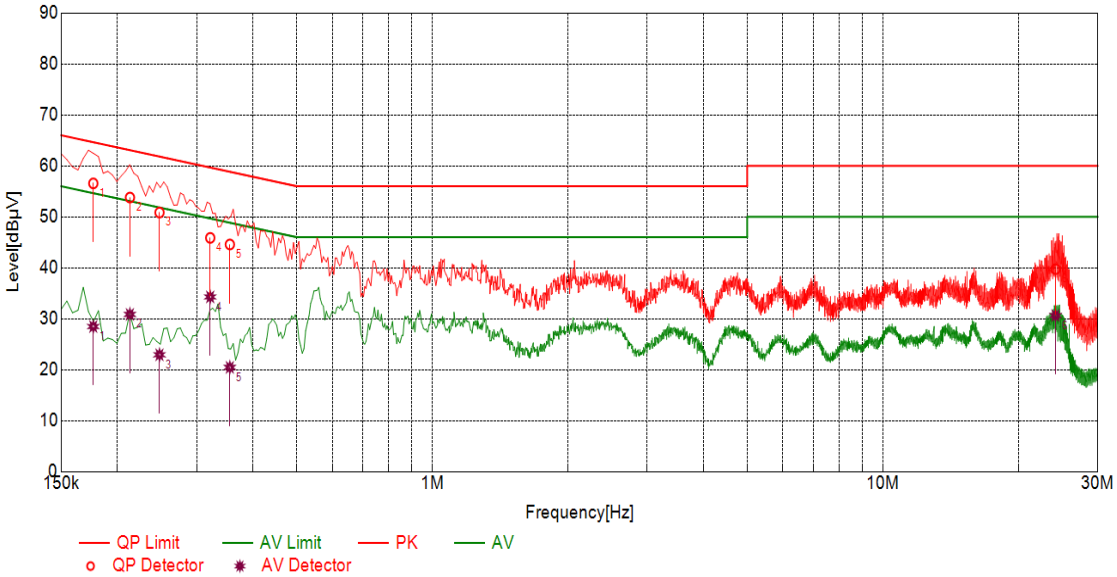
Mode:h; Line:Neutral Line



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	0.1768	10.10	56.56	64.64	8.08	28.47	54.64	26.17	N
2	0.2132	10.10	53.78	63.08	9.30	30.85	53.08	22.23	N
3	0.2480	10.10	50.84	61.82	10.98	22.93	51.82	28.89	N
4	0.3214	10.10	45.87	59.67	13.80	34.28	49.67	15.39	N
5	0.3553	10.10	44.58	58.84	14.26	20.45	48.84	28.39	N
6	24.1668	10.11	39.74	60.00	20.26	30.63	50.00	19.37	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

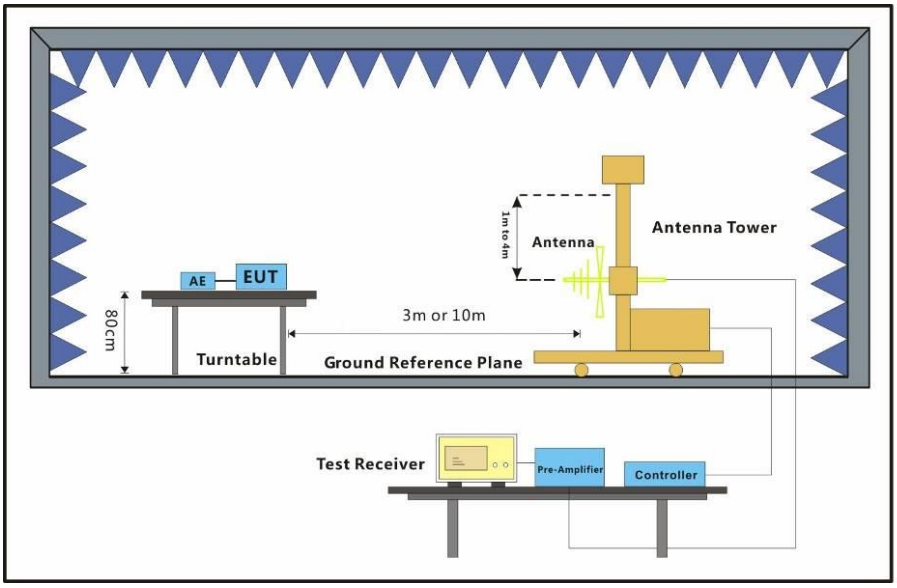
6.2.1 E.U.T. Operation

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

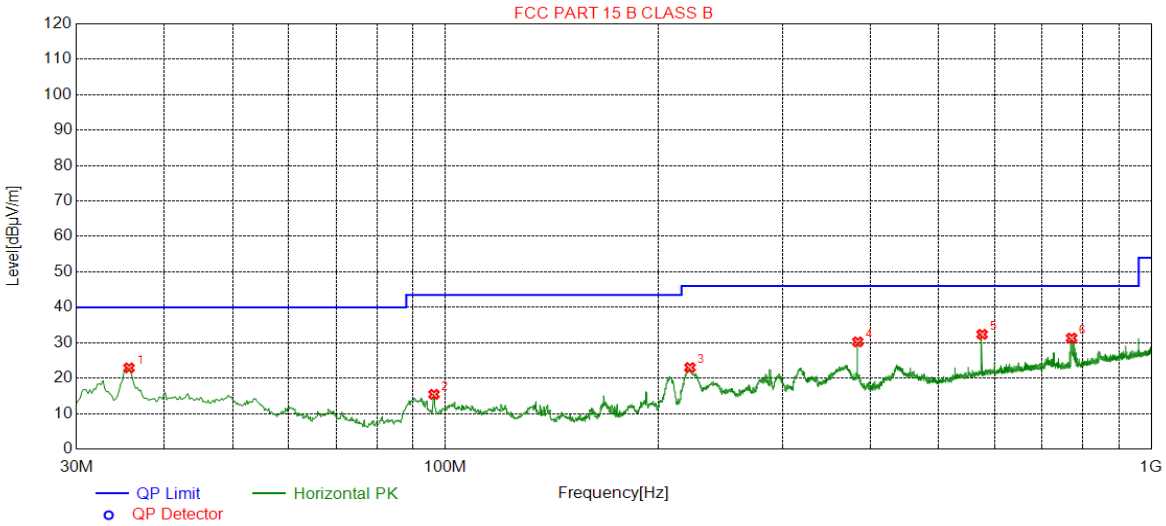
6.2.2 Test Setup Diagram



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



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	35.6271	22.91	-29.76	40.00	17.09	200	258	Horizontal
2	96.3613	15.43	-32.65	43.50	28.07	200	88	Horizontal
3	222.0984	23.00	-30.65	46.00	23.00	100	214	Horizontal
4	383.9268	30.24	-25.95	46.00	15.76	100	20	Horizontal
5	576.0252	32.36	-21.31	46.00	13.64	200	49	Horizontal
6	771.2282	31.32	-18.10	46.00	14.68	200	68	Horizontal

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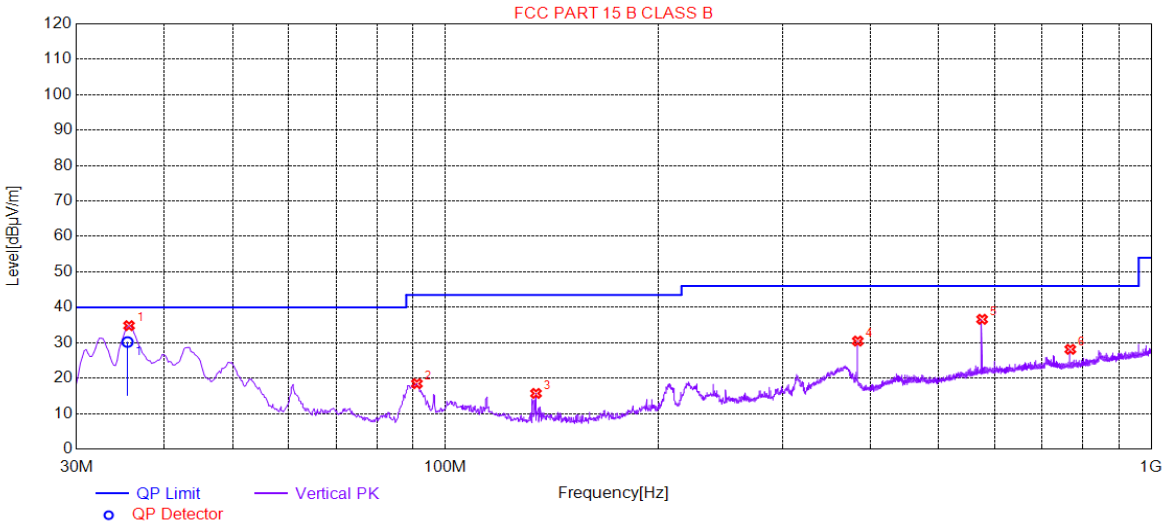
Mode:f; Polarization:Vertical



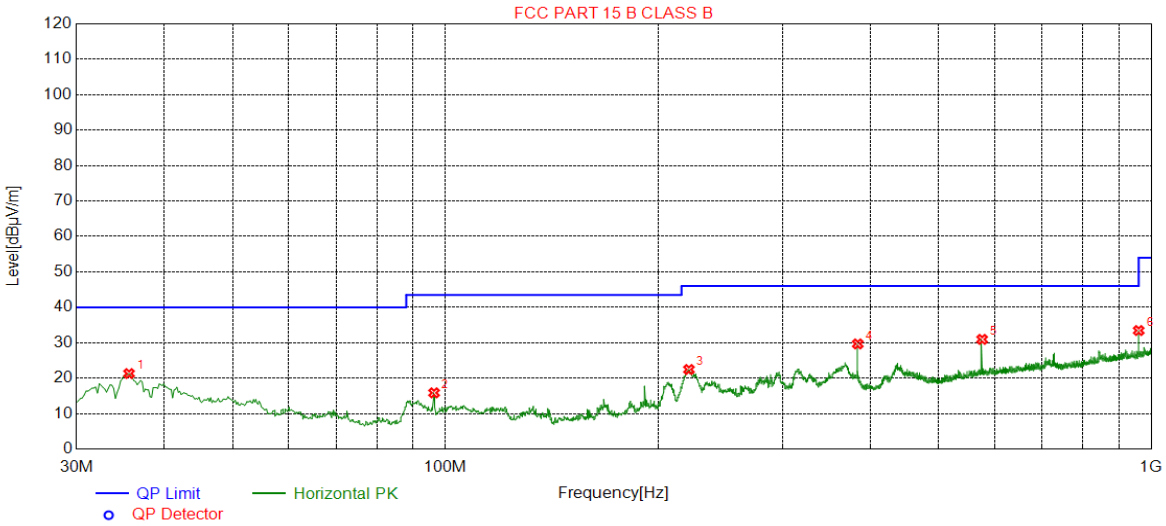
Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	35.6271	34.82	-29.76	40.00	5.18	100	14	Vertical
2	91.1222	18.45	-33.53	43.50	25.05	100	80	Vertical
3	134.3929	15.70	-35.28	43.50	27.80	100	284	Vertical
4	383.9268	30.47	-25.95	46.00	15.53	200	195	Vertical
5	576.0252	36.61	-21.31	46.00	9.39	100	295	Vertical
6	768.1236	28.14	-18.13	46.00	17.86	100	44	Vertical

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	35.439	-29.82	30.21	40.00	9.79	121.6	359.5	Vertical

Mode:h; Polarization:Horizontal



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	35.6271	21.30	-29.76	40.00	18.70	200	256	Horizontal
2	96.3613	15.86	-32.65	43.50	27.64	200	259	Horizontal
3	221.322	22.45	-30.67	46.00	23.55	100	238	Horizontal
4	383.926	29.66	-25.95	46.00	16.34	100	346	Horizontal
5	576.025	30.95	-21.31	46.00	15.05	100	163	Horizontal
6	960.028	33.44	-15.34	54.00	20.56	100	289	Horizontal

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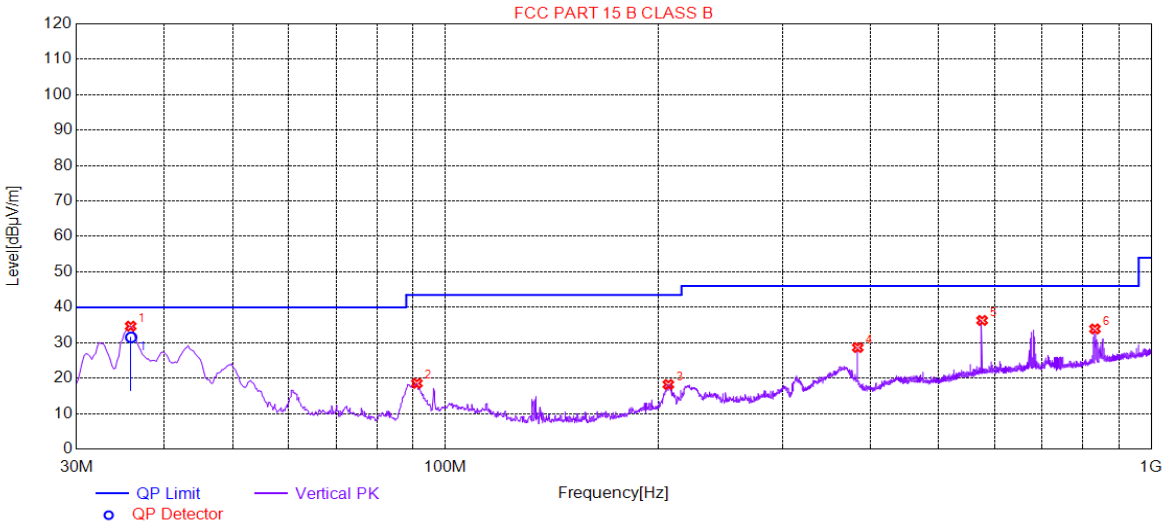
Mode:h; Polarization:Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	35.8212	34.67	-29.69	40.00	5.33	100	340	Vertical
2	91.1222	18.54	-33.53	43.50	24.96	200	76	Vertical
3	206.9634	18.22	-31.04	43.50	25.28	100	220	Vertical
4	383.9268	28.64	-25.95	46.00	17.36	200	165	Vertical
5	576.0252	36.29	-21.31	46.00	9.71	100	289	Vertical
6	832.3505	33.89	-17.20	46.00	12.11	200	314	Vertical

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	35.8642	-29.68	31.52	40.00	8.48	102.1	328.2	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

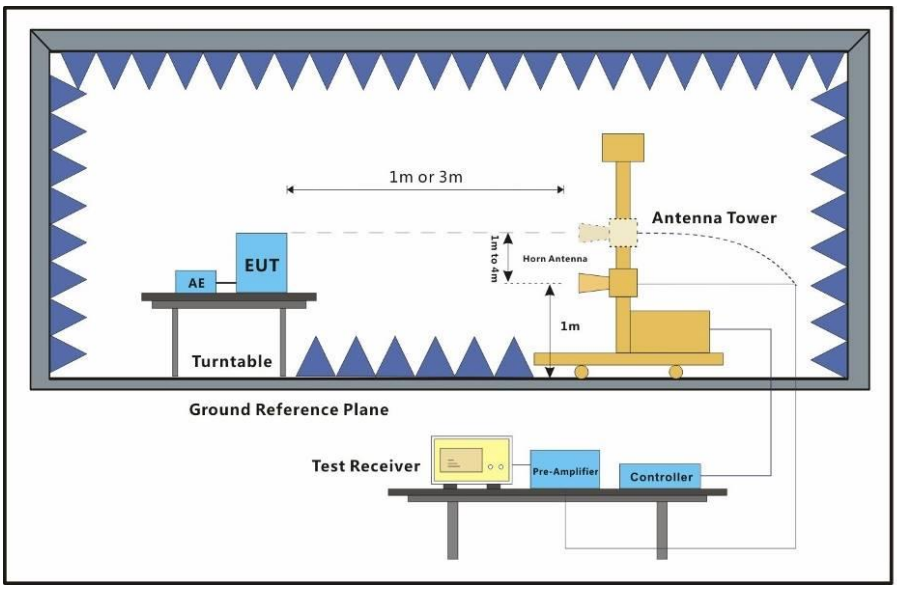
6.3.1 E.U.T. Operation

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

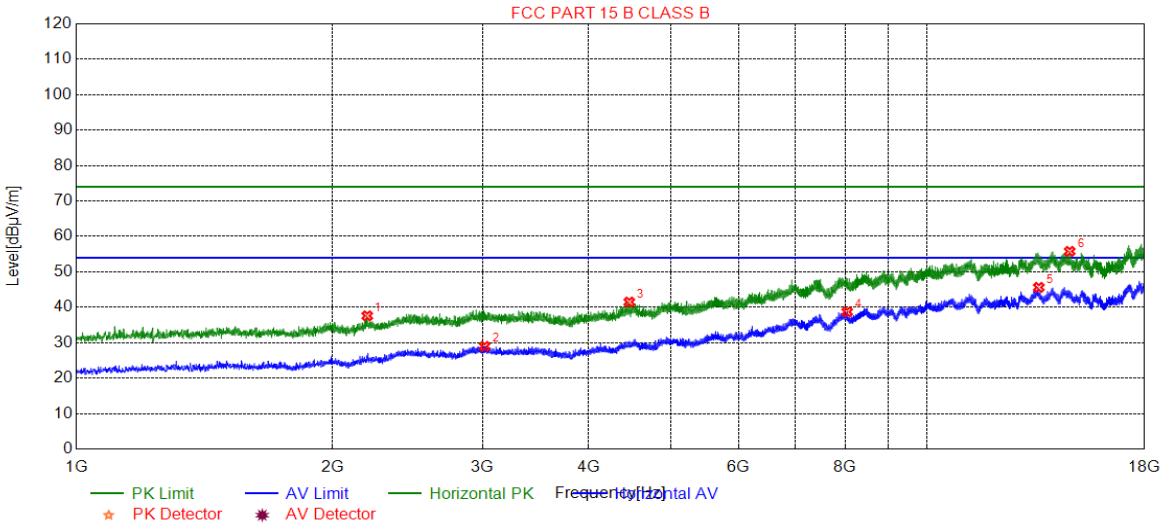
6.3.2 Test Setup Diagram



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



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2196.8598	37.59	-27.47	74.00	36.41	100	74	Horizontal
2	3018.0009	28.97	-24.40	54.00	25.03	100	225	Horizontal
3	4463.9232	41.49	-20.47	74.00	32.51	100	225	Horizontal
4	8049.4025	38.71	-10.33	54.00	15.29	100	18	Horizontal
5	13519.426	45.62	-0.46	54.00	8.38	100	18	Horizontal
6	14697.584	55.78	-1.16	74.00	18.22	100	175	Horizontal

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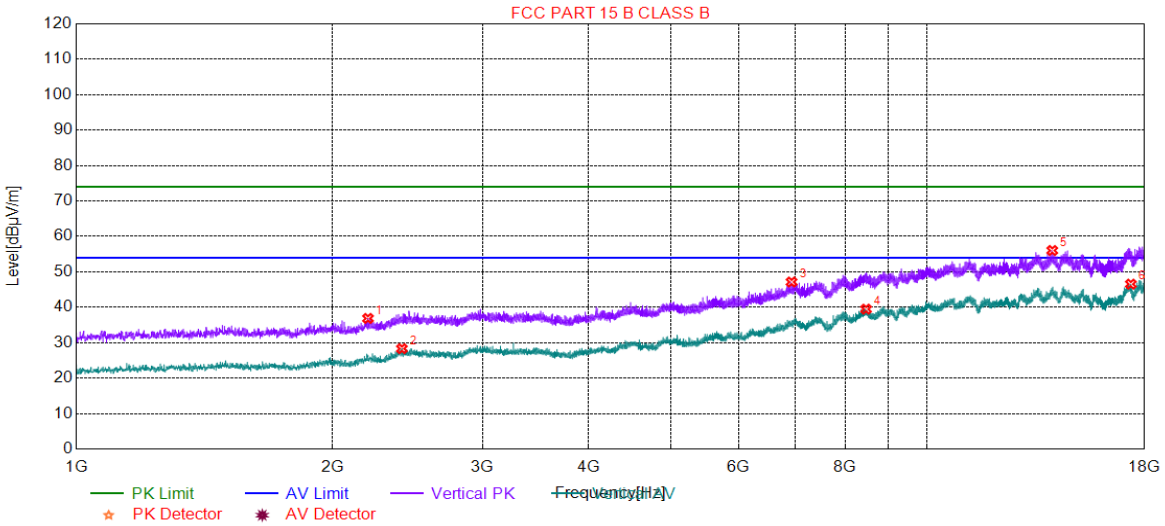
Mode:e; Polarization:Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2201.1101	36.86	-27.43	74.00	37.14	100	241	Vertical
2	2412.7706	28.32	-25.99	54.00	25.68	100	0	Vertical
3	6924.7962	47.14	-12.91	74.00	26.86	100	0	Vertical
4	8471.0236	39.48	-9.16	54.00	14.52	100	291	Vertical
5	14020.101	56.03	-0.64	74.00	17.97	100	141	Vertical
6	17341.217	46.54	-1.60	54.00	7.46	100	90	Vertical

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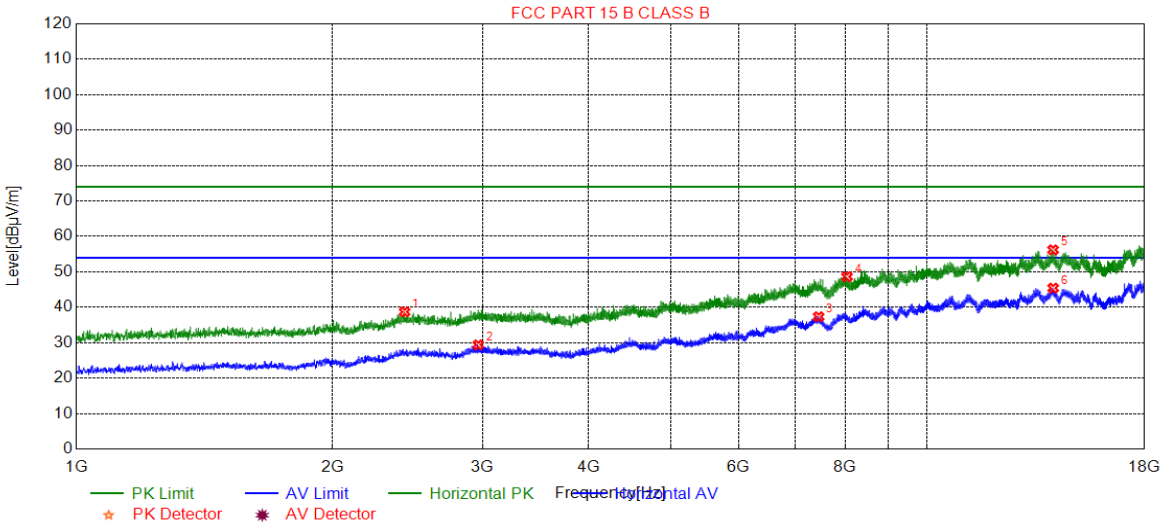
Mode:j; Polarization:Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2430.6215	38.71	-25.97	74.00	35.29	100	170	Horizontal
2	2966.1483	29.39	-24.54	54.00	24.61	100	120	Horizontal
3	7450.9725	37.35	-12.01	54.00	16.65	100	69	Horizontal
4	8046.0023	48.64	-10.30	74.00	25.36	100	271	Horizontal
5	14050.702	56.21	-0.67	74.00	17.79	100	271	Horizontal
6	14054.102	45.41	-0.67	54.00	8.59	100	360	Horizontal

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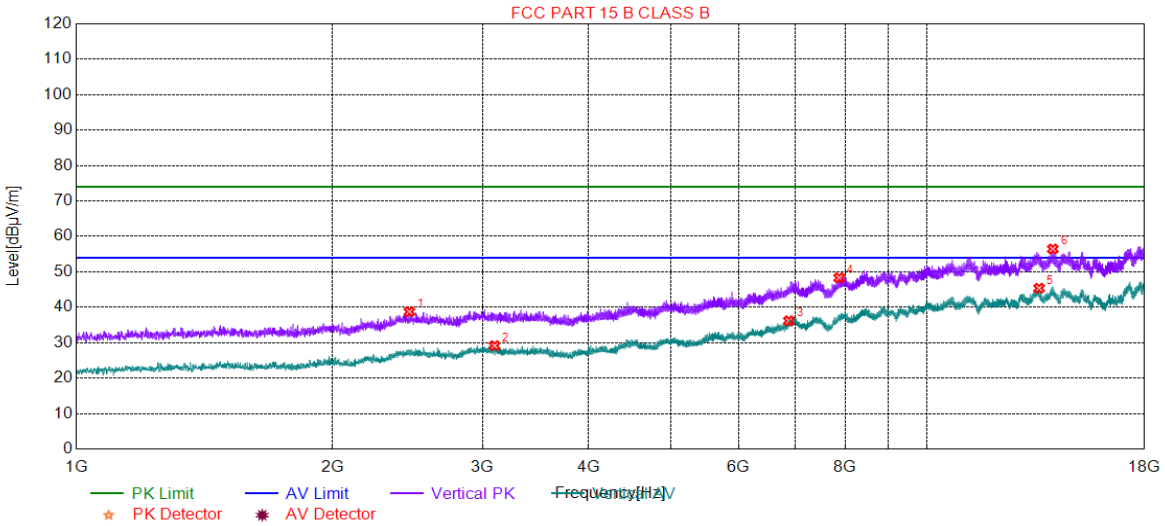
Mode:j; Polarization:Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462.0731	38.74	-25.94	74.00	35.26	100	142	Vertical
2	3100.4550	29.17	-24.45	54.00	24.83	100	243	Vertical
3	6874.6437	36.18	-13.32	54.00	17.82	100	142	Vertical
4	7876.8438	48.32	-10.79	74.00	25.68	100	342	Vertical
5	13529.626	45.38	-0.60	54.00	8.62	100	0	Vertical
6	14040.502	56.45	-0.66	74.00	17.55	100	243	Vertical

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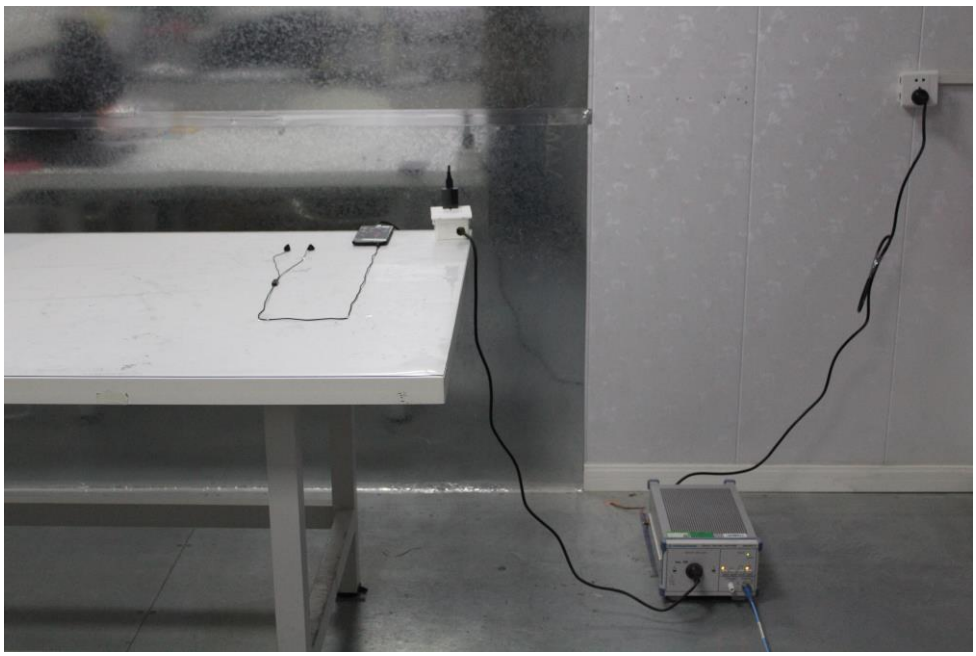
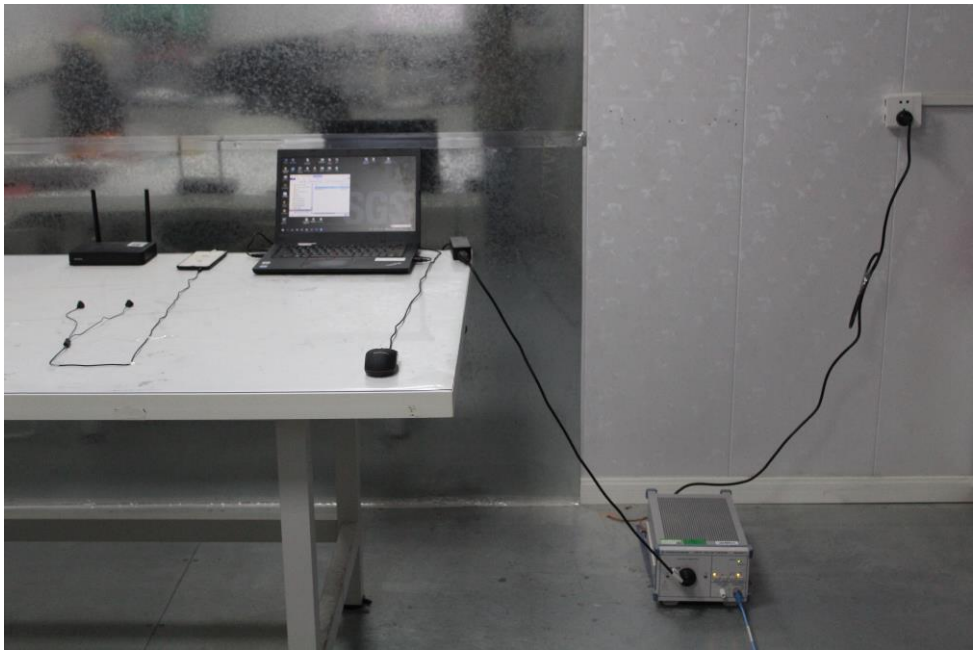
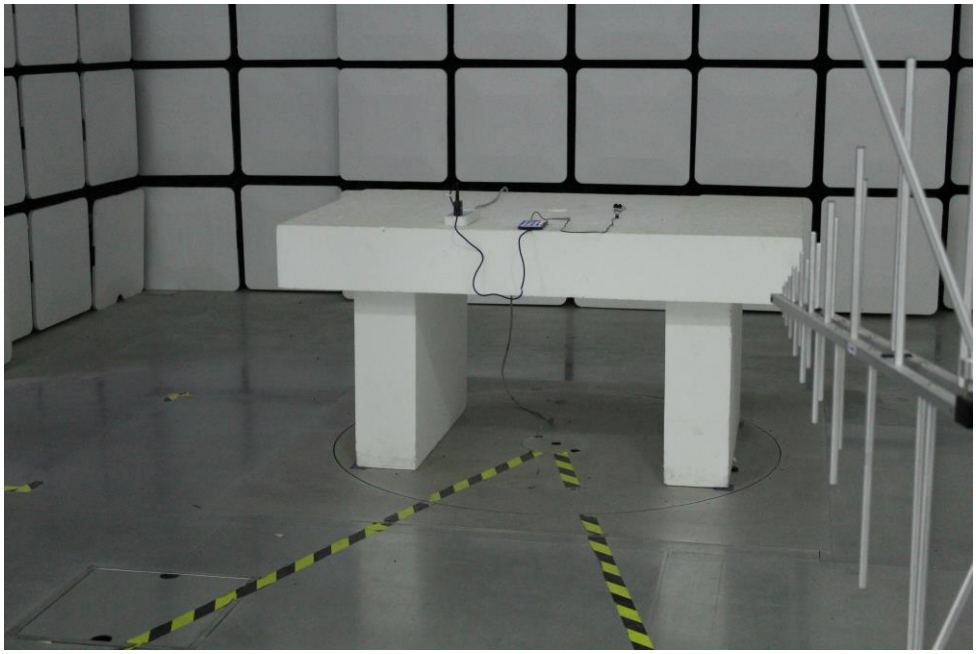
7 Photographs

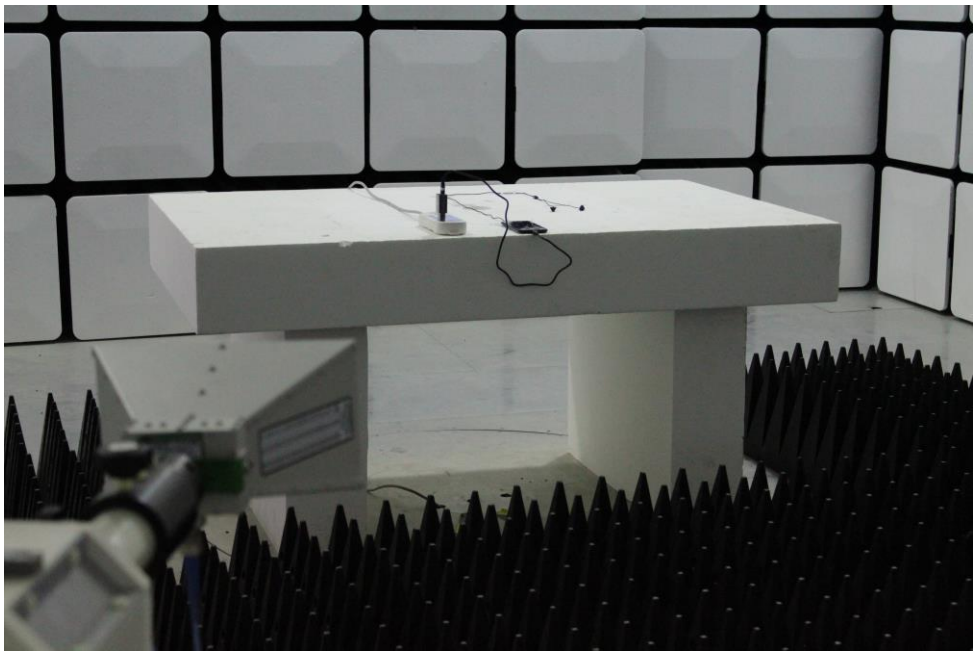
7.1 Conducted Emissions at Mains Terminals (150kHz-30MHz) Test Setup





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





7.3 EUT Constructional Details (EUT Photos)

Please refer to internal and external photo.

- End of the Report -