

ITEL MOBILE LIMITED

TEST REPORT

SCOPE OF WORK

FCC TESTING– A675L

REPORT NUMBER

251205047SZN-001

ISSUE DATE

Dec. 22, 2025

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RF Test Report

Applicant: ITEL MOBILE LIMITED

Address of Applicant: FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI STREET FOTAN NT HONGKONG

Equipment Under Test (EUT)

Product Name: Mobile Phone

Model No.: A675L

Trademark: itel

FCC ID: 2AJMN-A675L

Applicable Standards: FCC CFR Title 47 Part 15C (§15.247)

Date of Test: Dec. 05, 2025 to Dec. 14, 2025

Test Result: PASS

Prepared and Checked by:



Bruce Zheng
Project Engineer

Approved by:



Damon Wang
Team Leader
Date: Dec. 22, 2025

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Intertek Testing Service Shenzhen Ltd. Longhua Branch

101, 201, Building B, No. 308 Wuhe Avenue, Zhangkengjing Community, GuanHu Subdistrict, LongHua District, Shenzhen.

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1 Version

Report No.	Version No.	Description	Issued Date
251205047SZN-001	01	Original	Dec. 22, 2025

2 Summary of Test Result

Description	Standard clause	Test Method	Test data	Result
Antenna Requirement	15.203 15.247 (b)(4)	/	See Section 5.2	Pass
AC Power Line Conducted Emission	15.207	ANSI C63.10 clause 6.2	See Section 5.3	Pass
Conducted Output Power	15.247 (b)(1)	ANSI C63.10 clause 7.8.5	Appendix – BT	Pass
20dB Occupied Bandwidth	15.247 (a)(1)	ANSI C63.10 clause 6.9.2, and clause 6.9.3		Pass
Carrier Frequencies Separation	15.247 (a)(1)	ANSI C63.10 clause 7.8.2		Pass
Hopping Channel Number	15.247 (a)(1)(iii)	ANSI C63.10 clause 7.8.3		Pass
Dwell Time	15.247 (a)(1)(iii)	ANSI C63.10 clause 7.8.4		Pass
Band-edge Emission Conduction Spurious Emission	15.247 (d)	ANSI C63.10 clause 6.10.4		Pass
Emissions in Restricted Frequency Bands	15.205 15.247 (d)	ANSI C63.10 clause 6.10.5 and 4.1.5.2.6	See Section 5.4	Pass
Emissions in Non-restricted Frequency Bands	15.209 15.247(d)	ANSI C63.10 clause 6.3, 6.5 and 6.6	See Section 5.5	Pass
Remark: 1. Pass: The EUT complies with the essential requirements in the standard. 2. N/A: Not Applicable. 3. The cable insertion loss used by “RF Output Power” and other conduction measurement items is 0.5dB (provided by the customer).				
Test Method: ANSI C63.10-2020 KDB 558074 D01 15.247 Meas Guidance v05r02				

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4 General Information

4.1 Client Information

Applicant:	ITEL MOBILE LIMITED
Address:	FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI STREET FOTAN NT HONGKONG
Manufacturer:	ITEL MOBILE LIMITED
Address:	FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI STREET FOTAN NT HONGKONG

4.2 General Description of E.U.T.

Equipment Class:	Spread Spectrum Transmitter (DSS)
Product Name:	Mobile Phone
Model No.:	A675L
Operation Frequency:	2402 MHz - 2480 MHz
Transfer Rate:	1/2/3 Mb/s
Number of Channel:	79
Modulation Type:	GFSK, $\pi/4$ -DQPSK, 8DPSK
Modulation Technology:	FHSS
Antenna Type:	Internal Antenna
Antenna Gain:	-0.58 dBi (This information is provided by applicant, and the applicant is responsible for the authenticity of the provided information.)
Antenna transmit mode:	SISO (1TX, 1RX)
Power Supply:	Rechargeable Li-ion Battery DC 3.85V, 4900mAh
AC Adapter:	Model: U100ISB Input: AC100-240V, 50/60Hz, 0.3A Output: DC 5.0V, 2.0A 10.0W
Test Sample Condition:	The test samples were provided in good working order with no visible defects.

4.3 Disclaimer

Disclaimer:
For the information or data provided by the client in this report, the relevant results or conclusions of this report are only made for these data or information. The testing laboratory is not responsible for the authenticity and accuracy of these data or information.

4.4 Test Mode and Test Environment

Test Modes:	
Non-hopping mode:	Keep the EUT in continuous transmitting mode.
Hopping mode:	Keep the EUT in hopping mode.
Remark: 1. For AC power line conducted emission and radiated spurious emission, pre-scan GFSK, $\pi/4$ -DQPSK, 8DPSK modulation mode, found GFSK modulation and lowest channel was worse case mode. The report only reflects the test data of worst mode. 2. Channel Low, Mid and High for each type band with rated data rate were chosen for full testing. The field strength of spurious radiation emission was measured as EUT stand-up position (H mode) and lie down position (E1, E2 mode) for these modes. Just the worst case position (H mode) shown in report. 3. During the test, the mobile phone dial interface is used to enter the EUT engineering mode, and the prototype transmission power level is 7.	
Operating Environment:	
Temperature:	15°C ~ 35°C
Humidity:	20 % ~ 75 % RH
Atmospheric Pressure:	1008 mbar
Voltage:	Nominal: 3.85Vdc, Extreme: Low 3.60Vdc, High 4.40Vdc
Test Engineer:	Bruce Zheng

4.5 Description of Test Auxiliary Equipment

The EUT has been tested as an independent unit.

4.6 Measurement Uncertainty

Parameter	Expanded Uncertainty (Confidence of 95% (U = 2Uc(y)))
Channel Bandwidth	±3.46%
RF Output Power	±0.31dB
Power Spectral Density	±1.19dB
Conducted Unwanted Emission	±0.55dB
Spurious emission (above 18GHz)	±5.3dB
Spurious emission (6GHz to 18GHz)	±5.1dB
Radiated emission (1GHz to 6GHz)	±4.8dB
Radiated emission (Up to 1GHz)	±4.8dB
AC Conducted emission	±3.2dB
Temperature	±1°C
Humidity	±5%

Note: All the measurement uncertainty value were shown with a coverage $k=2$ to indicate 95% level of confidence. The measurement data show herein meets or exceeds the CISPR measurement uncertainty values specified in CISPR 16-4-2 and can be compared directly to specified limit to determine compliance.

4.7 Additions to, Deviations, or Exclusions From the Method

No

4.8 Laboratory Facility

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

● FCC - Designation No.: CN1188

Intertek Testing Services Shenzhen Ltd. Longhua Branch has been accredited as a testing laboratory by FCC (Federal Communications Commission). The test firm Registration No. is 435976.

4.9 Laboratory Location

Intertek Testing Services Shenzhen Ltd. Longhua Branch
Address: 101, 201, Building B, No. 308 Wuhe Avenue, Zhangkengjing Community, GuanHu Subdistrict, LongHua District, ShenZhen.

4.10 Test Instruments List

Equipment No.	Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Due Date
SZ182-02	RF Power Meter	Anritsu	ML2496A	1302005	2025-04-21	2026-04-21
SZ182-02-01	Pulse Power Sensor	Anritsu	MA2411B	1207429	2025-04-21	2026-04-21
SZ056-06	Signal Analyzer	R&S	FSV 40	101101	2025-12-01	2026-12-01
SZ061-13	BiConiLog Antenna	ETS	3142E	00217919	2025-05-29	2028-05-29
SZ061-08	Horn Antenna	ETS	3115	00092346	2024-09-13	2027-09-13
SZ061-06	Active Loop Antenna	Electro-Metrics	EM-6876	217	2024-05-05	2027-05-05
SZ061-07	Pyramidal Horn Antenna	ETS	3160-09	00083067	2025-09-11	2028-09-11
SZ185-03	EMI Receiver	R&S	ESR7	101975	2025-04-13	2026-04-13
SZ056-05	Signal Analyzer	R&S	FSV 40	101101	2025-12-01	2026-12-01
SZ181-08	Microwave System Amplifier	keysight	83017A	MY57280108	2025-07-30	2026-07-30
SZ188-05	Anechoic Chamber	ETS	FACT 3-2.0	CT001880-Q13914102	2025-06-18	2028-06-18
SZ062-23	RF Cable	HUBER+SUHNER	SF104PE-1M	MY4262/4PE	2025-09-15	2026-09-15
SZ062-40	RF Cable	Talent Microwave	A50-3.5M3.5M-4.5M	22012932	2025-09-15	2026-09-15
SZ062-38	RF Cable	Talent Microwave	A50-3.5M3.5M-8M	21051695	2025-09-15	2026-09-15
SZ067-25	Notch Filter	Micro-Tronics	BRM50716	076	2025-02-22	2026-02-22
SZ067-04	Notch Filter	Micro-Tronics	BRM50702-02	015	2025-04-21	2026-04-21
SZ185-02	EMI Test Receiver	R&S	ESCI	100692	2025-06-30	2026-06-30
SZ187-02	Two-Line V-Network	R&S	ENV216	100073	2025-04-25	2026-04-25
SZ188-03	Shielding Room	ETS	RFD-100	4100	2022-12-20	2025-12-20
SZ062-16	RF Cable	HUBER+SUHNER	CBL2-BN-1m	110127-2231000	2025-06-30	2026-06-30

5 Measurement Setup and Procedure

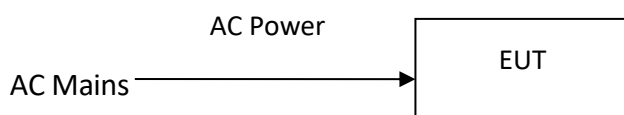
5.1 Test Channel

According to ANSI C63.10-2020 chapter 5.6.1 Table 11 requirement, select lowest channel, middle channel, and highest channel in the frequency range in which device operates for testing. The detailed frequency points are as follows:

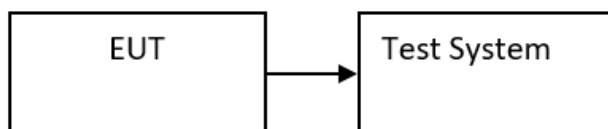
Lowest channel		Middle channel		Highest channel	
Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)
0	2402	39	2441	78	2480

5.2 Test Setup

1) Conducted Test & Radiated Test



2) Conducted Measurements Test



5.3 Test Procedure

Test method	Test step
Conducted emission	1. The E.U.T and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm/50uH coupling impedance for the measuring equipment. 2. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refer to the block diagram of the test setup and photographs). 3. Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10 on conducted measurement.
Radiated emission	For below 30MHz: 1. The EUT was placed on the table top of a rotating table 0.8 m the ground at a 3 m semi anechoic chamber. The measurement distance from the EUT to the receiving antenna is 3 m. 2. EUT works in each mode of operation that needs to be tested, and having the EUT continuously working, respectively on 3 axis (X, Y & Z) and considered typical configuration to obtain worst position. The highest signal levels relative to the limit shall be determined by rotating the EUT from 0° to 360° and with varying the measurement antenna height between 1 m and 4 m in vertical and horizontal polarizations. 3. Open the test software to control the test antenna and test turntable. Perform the test, save the test results, and export the test data. For below 1GHz: 4. The EUT was placed on the tabletop of a rotating table 0.8 m the ground at a 3 m semi anechoic chamber. The measurement distance from the EUT to the receiving antenna is 3 m. 5. EUT works in each mode of operation that needs to be tested, and having the EUT continuously working, respectively on 3 axis (X, Y & Z) and considered typical configuration to obtain worst position. The highest signal levels relative to the limit shall be determined by rotating the EUT from 0° to 360° and with varying the measurement antenna height between 1 m and 4 m in vertical and horizontal polarizations. 6. Open the test software to control the test antenna and test turntable. Perform the test, save the test results, and export the test data. For above 1GHz: 1. The EUT was placed on the tabletop of a rotating table 1.5 m the ground at a 3 m fully anechoic room. The measurement distance from the EUT to the receiving antenna is 3 m. 2. EUT works in each mode of operation that needs to be tested, and having the EUT continuously working, respectively on 3 axis (X, Y & Z) and considered typical configuration to obtain worst position. The highest signal levels relative to the limit shall be determined by rotating the EUT from 0° to 360° and with varying the measurement antenna height between 1 m and 4 m in vertical and horizontal polarizations. 3. Open the test software to control the test antenna and test turntable. Perform the test, save the test results, and export the test data.
Conducted test method	1. The Bluetooth antenna port of EUT was connected to the test port of the test system through an RF cable. 2. The EUT is keeping in continuous transmission mode and tested in all modulation modes. 3. Open the test software, prepare a test plan, and control the system through the software. After the test is completed, the test report is exported through the test software.

5.4 Test Limit

Test items	Limit																														
AC Power Line Conducted Emission	<table><tr><th rowspan="2">Frequency (MHz)</th><th colspan="2">Limit (dBµV)</th></tr><tr><th>Quasi-Peak</th><th>Average</th></tr><tr><td>0.15 – 0.5</td><td>66 to 56 Note 1</td><td>56 to 46 Note 1</td></tr><tr><td>0.5 – 5</td><td>56</td><td>46</td></tr><tr><td>5 – 30</td><td>60</td><td>50</td></tr></table> Note 1: The limit level in dBµV decreases linearly with the logarithm of frequency. Note 2: The more stringent limit applies at transition frequencies.	Frequency (MHz)	Limit (dBµV)		Quasi-Peak	Average	0.15 – 0.5	66 to 56 Note 1	56 to 46 Note 1	0.5 – 5	56	46	5 – 30	60	50																
Frequency (MHz)	Limit (dBµV)																														
	Quasi-Peak	Average																													
0.15 – 0.5	66 to 56 Note 1	56 to 46 Note 1																													
0.5 – 5	56	46																													
5 – 30	60	50																													
Conducted Output Power	For frequency hopping systems operating in the 2400-2483.5 MHz band employing at least 75 non-overlapping hopping channels: 1 watt. For all other frequency hopping systems in the 2400-2483.5 MHz band: 0.125 watts.																														
20dB Occupied Bandwidth	Within authorization band																														
Carrier Frequencies Separation	a) 0.025MHz or the 20dB bandwidth (whichever is greater). b) 0.025MHz or two-thirds of the 20dB bandwidth (whichever is greater).																														
Hopping Channel Number	At least 15 channels.																														
Dwell Time	Not be greater than 0.4 seconds.																														
Band-edge Emission Conduction Spurious Emission	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).																														
Emissions in Restricted Frequency Bands Emissions in Non-restricted Frequency Bands	<table><tr><th rowspan="2">Frequency (MHz)</th><th colspan="2">Limit (dBµV/m)</th><th rowspan="2">Detector</th></tr><tr><th>@ 3m</th><th>@ 10m</th></tr><tr><td>30 – 88</td><td>40.0</td><td>30.0</td><td>Quasi-peak</td></tr><tr><td>88 – 216</td><td>43.5</td><td>33.5</td><td>Quasi-peak</td></tr><tr><td>216 – 960</td><td>46.0</td><td>36.0</td><td>Quasi-peak</td></tr><tr><td>960 – 1000</td><td>54.0</td><td>44.0</td><td>Quasi-peak</td></tr></table> Note: The more stringent limit applies at transition frequencies. <table><tr><th rowspan="2">Frequency</th><th colspan="2">Limit (dBµV/m) @ 3m</th></tr><tr><th>Average</th><th>Peake</th></tr><tr><td>Above 1 GHz</td><td>54.0</td><td>74.0</td></tr></table> Note: The measurement bandwidth shall be 1 MHz or greater.	Frequency (MHz)	Limit (dBµV/m)		Detector	@ 3m	@ 10m	30 – 88	40.0	30.0	Quasi-peak	88 – 216	43.5	33.5	Quasi-peak	216 – 960	46.0	36.0	Quasi-peak	960 – 1000	54.0	44.0	Quasi-peak	Frequency	Limit (dBµV/m) @ 3m		Average	Peake	Above 1 GHz	54.0	74.0
Frequency (MHz)	Limit (dBµV/m)		Detector																												
	@ 3m	@ 10m																													
30 – 88	40.0	30.0	Quasi-peak																												
88 – 216	43.5	33.5	Quasi-peak																												
216 – 960	46.0	36.0	Quasi-peak																												
960 – 1000	54.0	44.0	Quasi-peak																												
Frequency	Limit (dBµV/m) @ 3m																														
	Average	Peake																													
Above 1 GHz	54.0	74.0																													

5.5 Antenna Requirement

Standard requirement:

FCC Part 15 C Section 15.203 & 247(b)

15.203 requirement:

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

15.247(b) (4) requirement:

(4) The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

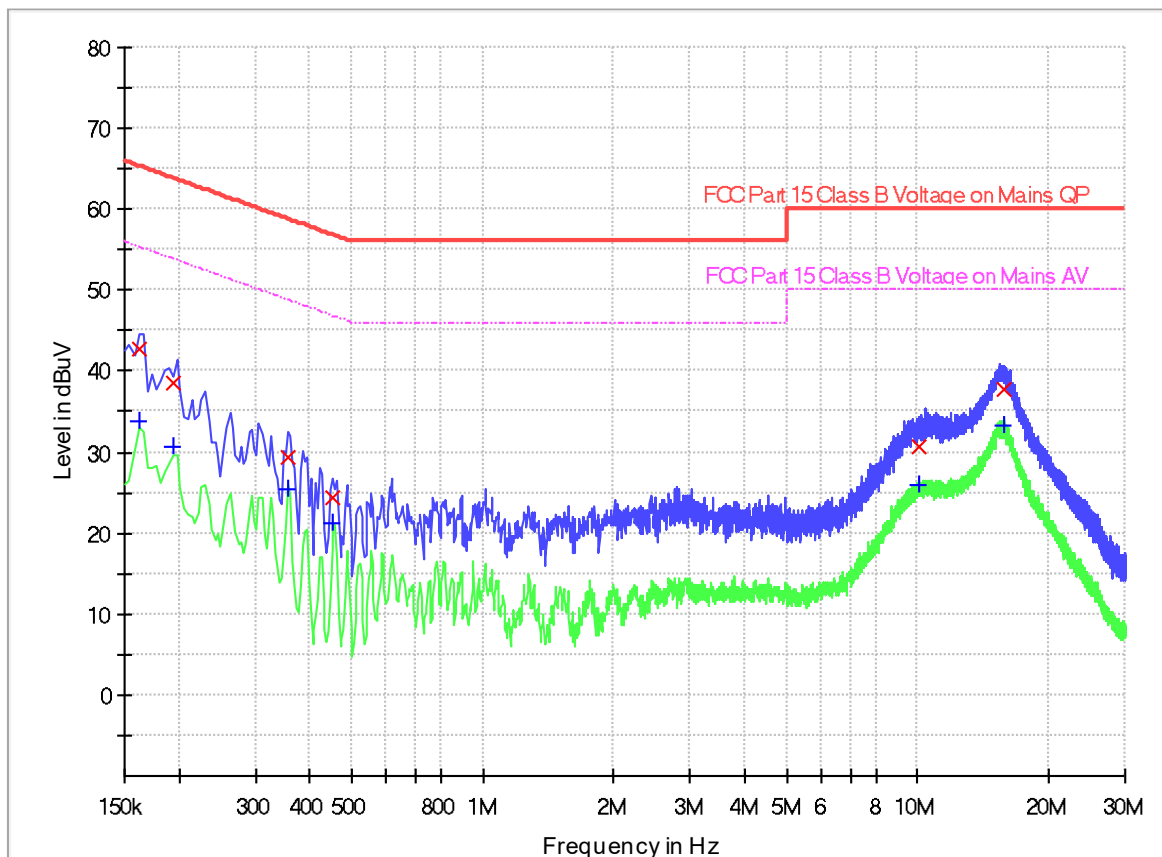
E.U.T Antenna:

The Bluetooth antenna is an Internal antenna which permanently attached, and the best case gain of the antenna is - 0.58 dBi. See product internal photos for details.

6 Test Result

6.1 AC Power Line Conducted Emission

Product name:	Mobile Phone	Product model:	A675L
Test by:	Bruce Zheng	Test mode:	BT Tx mode
Test frequency:	150 kHz ~ 30 MHz	Phase:	Line
Test voltage:	AC 120 V/60 Hz		



Limit and Margin QP

Frequency (MHz)	Quasi Peak (dBμV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)
0.162000	42.6	9.000	L1	9.8	22.8	65.4
0.194000	38.5	9.000	L1	9.9	25.4	63.9
0.358000	29.4	9.000	L1	9.6	29.4	58.8
0.454000	24.5	9.000	L1	9.6	32.3	56.8
10.114000	30.8	9.000	L1	9.9	29.2	60.0
15.730000	37.7	9.000	L1	9.9	22.3	60.0

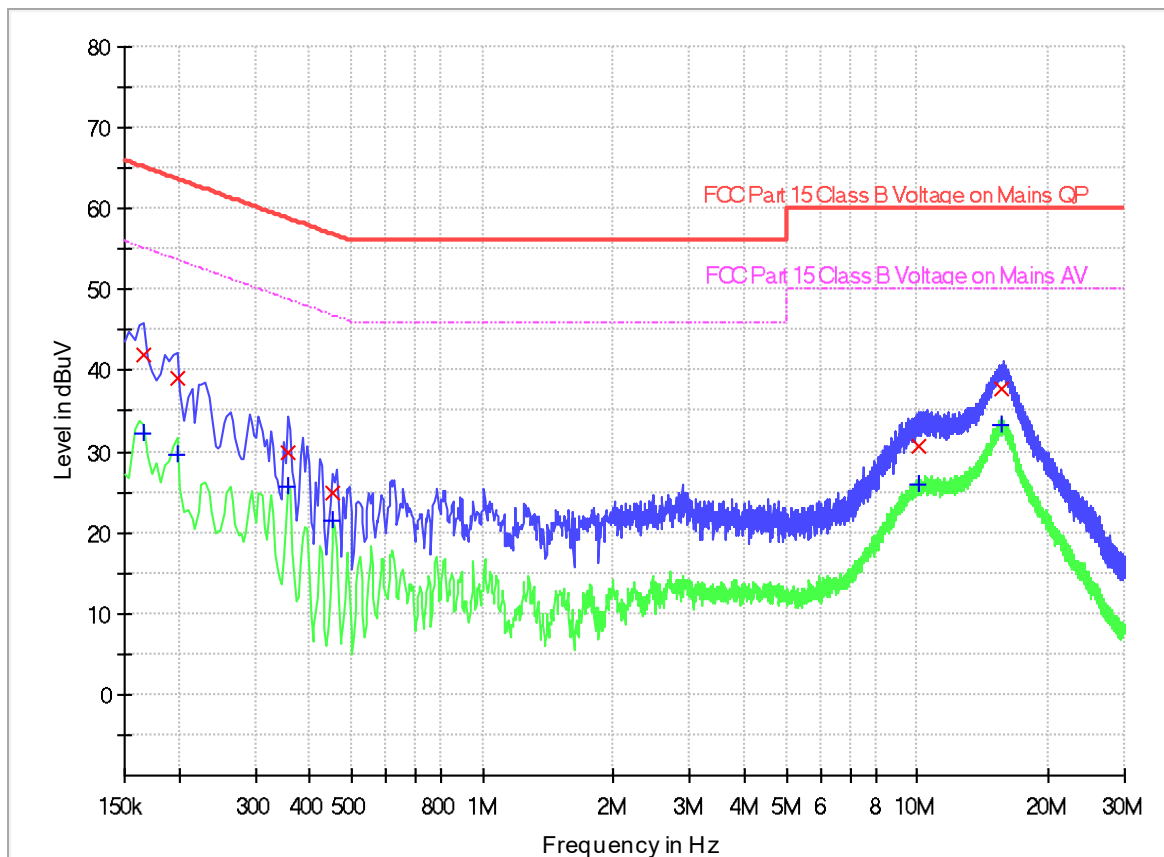
Limit and Margin AV

Frequency (MHz)	Average (dBμV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.162000	33.8	9.000	L1	9.8	21.6	55.4
0.194000	30.7	9.000	L1	9.9	23.2	53.9
0.358000	25.5	9.000	L1	9.6	23.3	48.8
0.454000	21.4	9.000	L1	9.6	25.4	46.8
10.114000	25.8	9.000	L1	9.9	24.2	50.0
15.730000	33.2	9.000	L1	9.9	16.8	50.0

Remark:

1. Corr. Factor (dB) = LISN Factor (dB) + Cable Loss (dB)
2. Margin (dB) = Limit (dBμV) – Quasi Peak/Average (dBμV)

Product name:	Mobile Phone	Product model:	A675L
Test by:	Bruce Zheng	Test mode:	BT Tx mode
Test frequency:	150 kHz ~ 30 MHz	Phase:	Neutral
Test voltage:	AC 120 V/60 Hz		



Limit and Margin

Frequency (MHz)	Quasi Peak (dBμV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)
0.166000	42.1	9.000	N	9.8	23.1	65.2
0.198000	39.0	9.000	N	9.9	24.7	63.7
0.358000	29.9	9.000	N	9.6	28.9	58.8
0.454000	24.8	9.000	N	9.6	32.0	56.8
10.102000	30.7	9.000	N	9.9	29.3	60.0
15.694000	37.7	9.000	N	9.9	22.3	60.0

Limit and Margin AV

Frequency (MHz)	Average (dBμV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.166000	32.2	9.000	N	9.8	23.0	55.2
0.198000	29.7	9.000	N	9.9	24.0	53.7
0.358000	25.6	9.000	N	9.6	23.2	48.8
0.454000	21.5	9.000	N	9.6	25.3	46.8
10.102000	25.9	9.000	N	9.9	24.1	50.0
15.694000	33.3	9.000	N	9.9	16.7	50.0

Remark:

- Corr. Factor (dB) = LISN Factor (dB) + Cable Loss (dB)
- Margin (dB) = Limit (dBμV) – Quasi Peak/Average (dBμV)

6.2 Emissions in Restricted Frequency Bands

Product Name:	Mobile Phone	Product Model:	A675L
Test By:	Bruce Zheng	Test mode:	DH1 Tx mode
Test Voltage:	AC 120/60Hz		

Test Channel: Lowest channel

Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2336.04	24.42	36.03	60.45	74.00	13.55	280	PK	PASS	Vertical
2	2336.04	11.56	36.03	47.59	54.00	6.41	37	AV	PASS	Vertical
3	2362.83	11.43	36.11	47.54	54.00	6.46	287	AV	PASS	Vertical
4	2362.83	23.71	36.11	59.82	74.00	14.18	177	PK	PASS	Vertical
5	2390.00	22.38	36.19	58.57	74.00	15.43	188	PK	PASS	Vertical
6	2390.00	11.35	36.19	47.54	54.00	6.46	8	AV	PASS	Vertical

Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2333.22	24.19	36.02	60.21	74.00	13.79	140	PK	PASS	Horizontal
2	2333.22	11.55	36.02	47.57	54.00	6.43	305	AV	PASS	Horizontal
3	2355.21	11.38	36.09	47.47	54.00	6.53	150	AV	PASS	Horizontal
4	2355.21	24.24	36.09	60.33	74.00	13.67	231	PK	PASS	Horizontal
5	2390.00	22.36	36.19	58.55	74.00	15.45	110	PK	PASS	Horizontal
6	2390.00	11.34	36.19	47.53	54.00	6.47	212	AV	PASS	Horizontal

Test Channel: Highest channel

Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2483.50	22.62	36.24	58.86	74.00	15.14	329	PK	PASS	Vertical
2	2483.50	11.53	36.24	47.77	54.00	6.23	72	AV	PASS	Vertical
3	2490.67	24.24	36.30	60.54	74.00	13.46	325	PK	PASS	Vertical
4	2490.67	11.19	36.30	47.49	54.00	6.51	75	AV	PASS	Vertical
5	2497.56	23.95	36.36	60.31	74.00	13.69	360	PK	PASS	Vertical
6	2497.56	11.20	36.36	47.56	54.00	6.44	207	AV	PASS	Vertical

Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2483.50	22.67	36.24	58.91	74.00	15.09	42	PK	PASS	Horizontal
2	2483.50	11.39	36.24	47.63	54.00	6.37	142	AV	PASS	Horizontal
3	2492.56	23.69	36.32	60.01	74.00	13.99	189	PK	PASS	Horizontal
4	2492.56	11.26	36.32	47.58	54.00	6.42	108	AV	PASS	Horizontal
5	2497.49	23.53	36.36	59.89	74.00	14.11	285	PK	PASS	Horizontal
6	2497.49	11.23	36.36	47.59	54.00	6.41	19	AV	PASS	Horizontal

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).

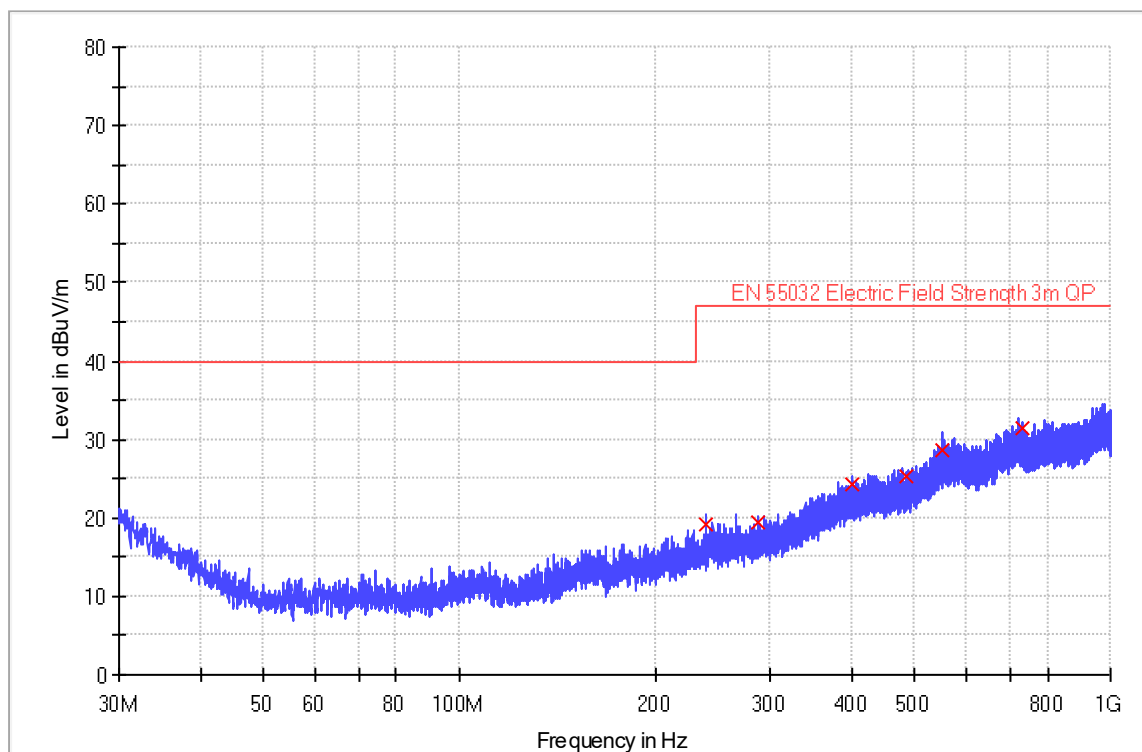
6.3 Emissions in Non-restricted Frequency Bands

Below 30MHz:

Test Frequency from 9kHz to 30MHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report.

Below 1GHz:

Product Name:	Mobile Phone	Product Model:	A675L
Test By:	Bruce Zheng	Test mode:	BT Tx mode
Test Frequency:	30 MHz ~ 1 GHz	Polarization:	Vertical
Test Voltage:	AC 120/60Hz		



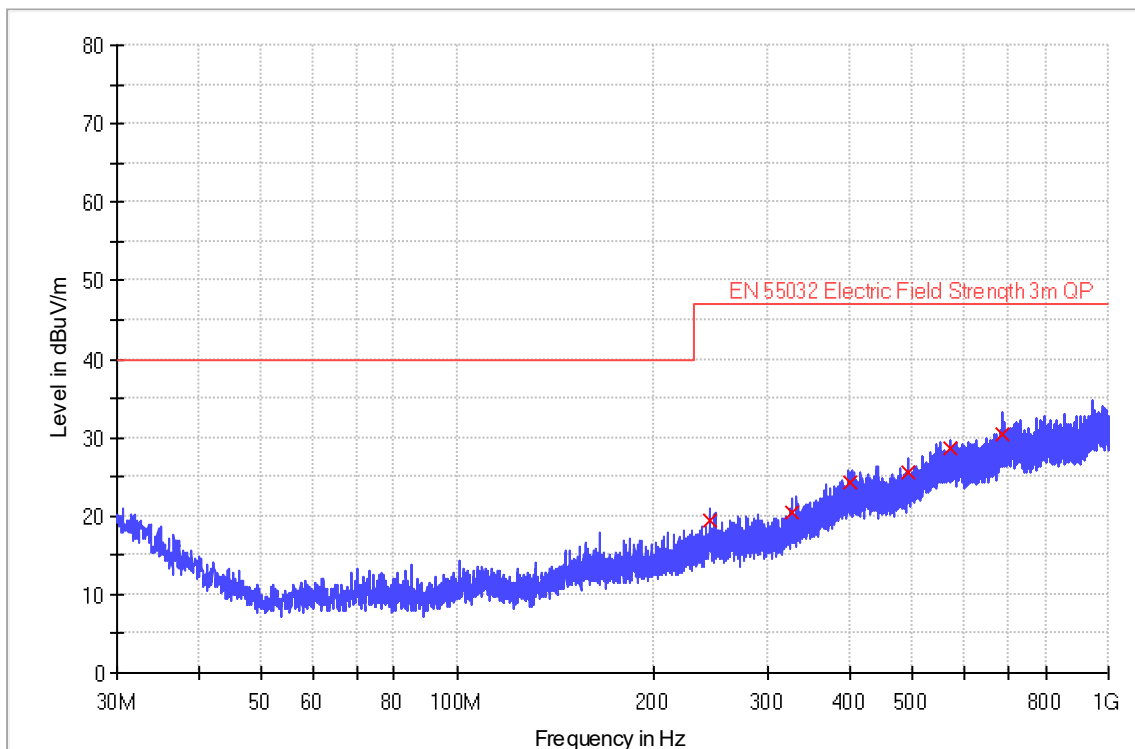
Limit and Margin

Frequency (MHz)	QuasiPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBuV/m)
239.617000	19.1	1000.0	120.000	V	19.1	27.9	47.0
287.502667	19.3	1000.0	120.000	V	20.1	27.7	47.0
400.863333	24.3	1000.0	120.000	V	25.4	22.7	47.0
485.479667	25.3	1000.0	120.000	V	26.1	21.7	47.0
550.954667	28.5	1000.0	120.000	V	29.1	18.5	47.0
731.827333	31.5	1000.0	120.000	V	31.0	15.5	47.0

Remark:

1. Corr. (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)
2. Quasi Peak (dBuV/m) = Corr. (dB/m) + Read Level (dBuV)
3. Margin (dB) = Limit QPK (dBuV/m) – Quasi Peak (dBuV/m)

Product Name:	Mobile Phone	Product Model:	A675L
Test By:	Bruce Zheng	Test mode:	BT Tx mode
Test Frequency:	30 MHz ~ 1 GHz	Polarization:	Horizontal
Test Voltage:	AC 120/60Hz		



Limit and Margin

Frequency (MHz)	QuasiPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB)	Margin - QPK (dB)	Limit - QPK (dBuV/m)
244.499333	19.4	1000.0	120.000	H	19.4	27.6	47.0
325.720667	20.4	1000.0	120.000	H	21.7	26.6	47.0
400.701667	24.2	1000.0	120.000	H	25.4	22.8	47.0
492.334333	25.6	1000.0	120.000	H	26.2	21.4	47.0
572.003667	28.7	1000.0	120.000	H	29.0	18.3	47.0
687.789333	30.5	1000.0	120.000	H	30.7	16.5	47.0

Remark:

1. Corr. (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)
2. Quasi Peak (dBμV/m) = Corr. (dB/m) + Read Level (dBμV)
3. Margin (dB) = Limit QPK (dBμV/m) – Quasi Peak (dBμV/m)

Above 1GHz:

Test channel: Lowest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBuV)	Factor(dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Polarization
4804.00	50.01	-7.98	42.03	74.00	31.97	Vertical
4804.00	50.71	-7.98	42.73	74.00	31.27	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBuV)	Factor(dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Polarization
4804.00	40.19	-7.98	32.21	54.00	21.79	Vertical
4804.00	40.21	-7.98	32.23	54.00	21.77	Horizontal
Test channel: Middle channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBuV)	Factor(dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Polarization
4882.00	50.35	-7.47	42.88	74.00	31.12	Vertical
4882.00	50.32	-7.47	42.85	74.00	31.15	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBuV)	Factor(dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Polarization
4882.00	40.63	-7.47	33.16	54.00	20.84	Vertical
4882.00	39.92	-7.47	32.45	54.00	21.55	Horizontal
Test channel: Highest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBuV)	Factor(dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Polarization
4960.00	50.13	-7.00	43.13	74.00	30.87	Vertical
4960.00	50.50	-7.00	43.50	74.00	30.50	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBuV)	Factor(dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Polarization
4960.00	39.80	-7.00	32.80	54.00	21.20	Vertical
4960.00	40.57	-7.00	33.57	54.00	20.43	Horizontal
Remark: 1. Level = Reading + Factor. 2. Test Frequency up to 25GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report.						

*****End of Report*****