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ITEL MOBILE LIMITED

TEST REPORT

SCOPE OF WORK
FCC TESTING–A675L

REPORT NUMBER
251225010SZN-002

ISSUE DATE	**[REVISED DATE]**
05 February 2026	[----------]

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TEST REPORT

Intertek Report No.: 251225010SZN-002

LABORATORY MEASUREMENTS

Supplier's Declaration of Conformity Report

Applicant / Company:	ITEL MOBILE LIMITED FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI STREET FOTAN NT HONGKONG
Equipment Under Test (EUT):	
Product Description:	Mobile Phone
Model:	A675L
Brand Name:	itel
Equipment Type:	Class B Device
Sample Receipt Date:	Dec. 05, 2025
Test Conducted Date:	Dec. 05, 2025 to 15 January 2026
Issue Date:	05 February 2026
Test Site and Location:	Intertek Testing Services Shenzhen Ltd. Longhua Branch 101, 201, Building B, No. 308 Wuhe Avenue, Zhangkengjing Community, GuanHu Subdistrict, LongHua District, Shenzhen, P.R. China
Standard(s):	FCC 47 CFR Part 15: 2024 Radio Frequency Devices Federal Communications Commission (FCC) – Radio Frequency Devices
Method:	ANSI C63.4-2014

Prepared and Checked by:

Bruce Zheng
Project Engineer

Approved by:

Damon Wang
Team Leader

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1. GENERAL INFORMATION

1.1 Client Information

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

1.2 General Description of EUT

Product Description:	Mobile Phone
Model No.:	A675L
Serial No.:	Not Labelled

1.3 Details of EUT

Rated Voltage:	DC 3.85V
Battery Voltage:	Rechargeable Li-ion Battery Rated Voltage: DC3.85V, Rated Capacity: 4900mAh/18.86Wh Typical Capacity: 5000mAh/19.25Wh
Cables:	USB-C cable (Unshielded, Length 80cm) (Provided by Applicant)
Adapter:	Model: U100ISC Input: 100-240V~ 50/60Hz, 0.3A Output: DC 5.0V, 2.0A 10.0W (Provided by Applicant)

For more detail features, please refer to user's Manual.

2. TEST SUMMARY

Test	Standard	Class	Result
Conducted Emission	FCC 47 CFR Part 15 Section 15.107	Class B	Pass
Radiated Emission	FCC 47 CFR Part 15 Section 15.109	Class B	Pass

Remark:

1. Enclosed please find the FCC Labelling and Instruction Manual Requirements.
2. This report bases on the previous report with report number 251205047SZN-007 Dated 22 December 2025 (original signature by Bruce Zheng, Damon Wang on file). Owing to changing the adapter and the battery, radiated emission test(30-1000MHz) and conducted emission test were required after evaluation.

3. TEST SPECIFICATIONS

3.1 Standards

Both conducted and radiated emission tests were performed according to the procedures in ANSI C63.4: 2014. Test results are in compliance with the requirements of FCC 47 CFR Part 15: 2024.

The EUT setup configuration please refers to the photo of test configuration in item.

3.2 Definition of Device Classification

Unintentional radiator:
A device which is not intended to emit RF energy by radiation or induction.

Class A Digital Device:
A digital device which is marketed for use in commercial or business environment.

Class B Digital Device:
A digital device which is marketed for use by the general public or in a residential environment.

Note:
A manufacturer may also qualify a device intended to be marketed in a commercial, business or industrial environment as a Class B digital device, and in fact is encouraged to do so, provided the device complies with the technical specifications for a Class B Digital Device. In the event that a particular type of device has been found to repeatedly cause harmful interference to radio communications, the Commission may classify such a digital device as a Class B Digital Device, Regardless of its intended use.

3.3 EUT Operation Condition

The EUT was powered by DC 3.85 V from rechargeable battery and was running in accordance with the manufacturer's operation manual.

3.4 Test software

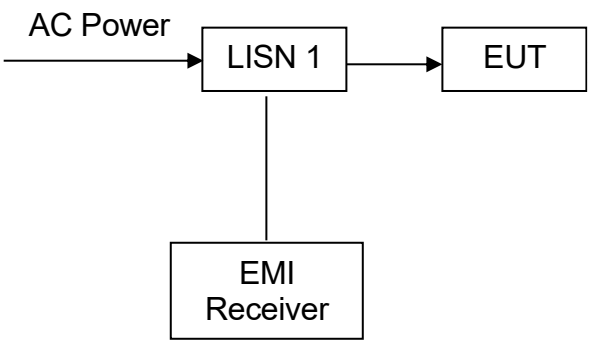
Description	Manufacturer	Model No.
EMI Test Software	R&S	EMC32-ME+

4. CONDUCTED EMISSION MEASUREMENTS (FCC 15.107)

4.1 Operating Environment

Temperature:	21.9°C	Test Voltage:	AC 120V, 60Hz AC 240V, 60Hz

4.2 Test Setup and Procedure



For tabletop equipment, the EUT along with its peripherals were placed on a 1.0m(W)×1.5m(L) and 0.8m in height wooden table. For floor-standing equipment, the EUT and all cables were insulated, if required, from the ground plane by up to 12 mm of insulating material. The EUT was adjusted to maintain a 0.4 meter space from a vertical reference plane. The EUT was connected to power mains through a line impedance stabilization network (LISN), which provided 50 ohm coupling impedance for measuring instrument and the chassis ground was bounded to the horizontal ground plane of shielded room. The excess power cable between the EUT and the LISN was bundled.

All connecting cables of EUT and peripherals were moved to find the maximum emission.

The EUT setup configuration please refers to the photo of test configuration in Appendix B1.

4.3 Test Equipment

Equip No.	Description	Manufacturer	Model No.	Cal. Date	Due Date
SZ185-02	EMI Receiver	R & S	ESCI	2025-06-30	2026-06-30
SZ187-02	Two-Line V-Network	R & S	ENV216	2025-04-25	2026-04-25
SZ188-03	Shielding Room	ETS	RFD-100	2022-12-20	2027-12-20

4.4 Conducted Emission Limits

Freq. (MHz)	Maximum RF Line Voltage			
	Class A (dBµV)		Class B (dBµV)	
	Q.P.	Ave.	Q.P.	Ave.
0.15~0.5	79	66	66~56	56~46
0.50~5.0	73	60	56	46
5.00~30.0	73	60	60	50

4.5 Uncertainty of Conducted Emission

When determining the test conclusion, the Measurement Uncertainty of test has been considered. The measurement uncertainty is ±3.2dB at a level of confidence of 95%.

4.6 Conducted Emission Data

The graphic and data table consisting of the worst-case testing result were attached in the following pages.

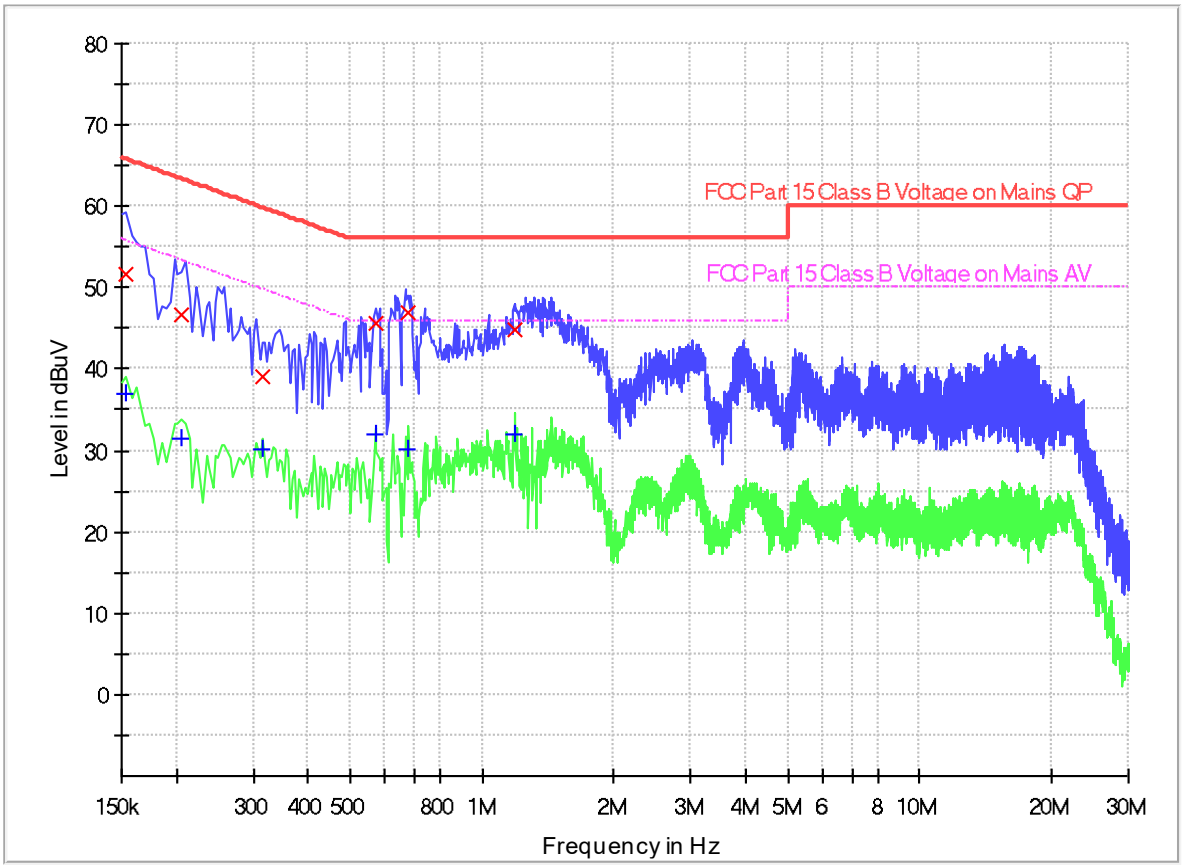
Applicant: ITEL MOBILE LIMITED
Worst Case Operating Mode: Charging+Camera
Worst Case Testing Voltage: AC 120V, 60Hz

Model: A675L
Phase: Live

Graphic / Data Table

Conducted Emissions

Pursuant to FCC 15.107: Emissions Requirement



Limit and Margin QP

Frequency (MHz)	Quasi Peak (dBµV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)
0.154000	51.7	9.000	L1	9.6	14.1	65.8
0.206000	46.8	9.000	L1	9.6	16.6	63.4
0.314000	39.1	9.000	L1	9.6	20.8	59.9
0.570000	45.6	9.000	L1	9.6	10.4	56.0
0.678000	46.9	9.000	L1	9.5	9.1	56.0
1.190000	44.8	9.000	L1	9.6	11.2	56.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.154000	37.0	9.000	L1	9.6	18.8	55.8
0.206000	31.4	9.000	L1	9.6	22.0	53.4
0.314000	30.1	9.000	L1	9.6	19.8	49.9
0.570000	32.0	9.000	L1	9.6	14.0	46.0
0.678000	30.2	9.000	L1	9.5	15.8	46.0
1.190000	31.9	9.000	L1	9.6	14.1	46.0

Remark:

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

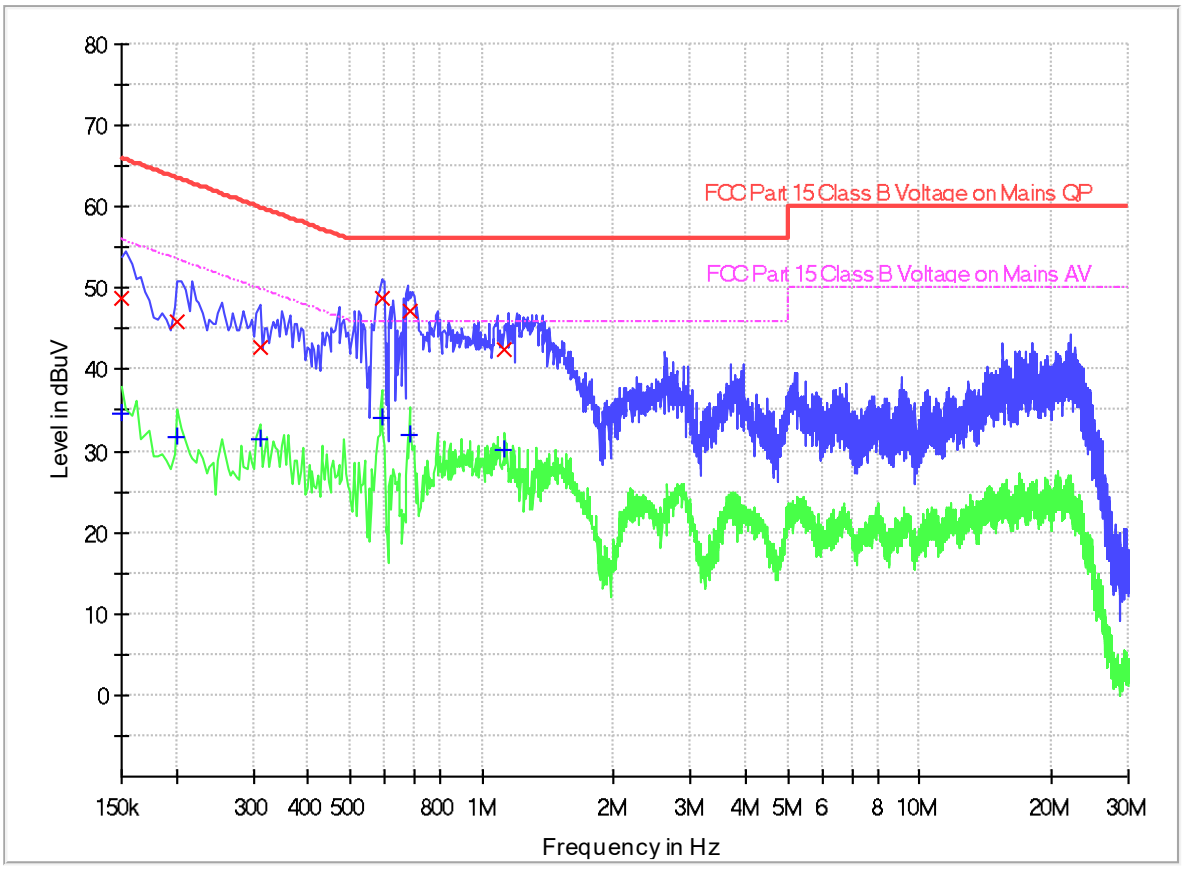
Applicant: ITEL MOBILE LIMITED
Worst Case Operating Mode: Charging+Camera
Worst Case Testing Voltage: AC 120V, 60Hz

Model: A675L
Phase: Neutral

Graphic / Data Table

Conducted Emissions

Pursuant to FCC 15.107: Emissions Requirement



Limit and Margin QP

Frequency (MHz)	Quasi Peak (dBµV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBuV)
0.150000	48.8	9.000	N	9.9	17.2	66.0
0.202000	46.0	9.000	N	9.9	17.5	63.5
0.310000	42.7	9.000	N	9.6	17.3	60.0
0.590000	48.9	9.000	N	9.5	7.1	56.0
0.682000	47.2	9.000	N	9.5	8.8	56.0
1.126000	42.5	9.000	N	9.5	13.5	56.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.150000	34.7	9.000	N	9.9	21.3	56.0
0.202000	31.6	9.000	N	9.9	21.9	53.5
0.310000	31.6	9.000	N	9.6	18.4	50.0
0.590000	34.2	9.000	N	9.5	11.8	46.0
0.682000	32.0	9.000	N	9.5	14.0	46.0
1.126000	30.2	9.000	N	9.5	15.8	46.0

Remark:

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

5. RADIATED EMISSION MEASUREMENTS (FCC 15.109)

5.1 Operating Environment

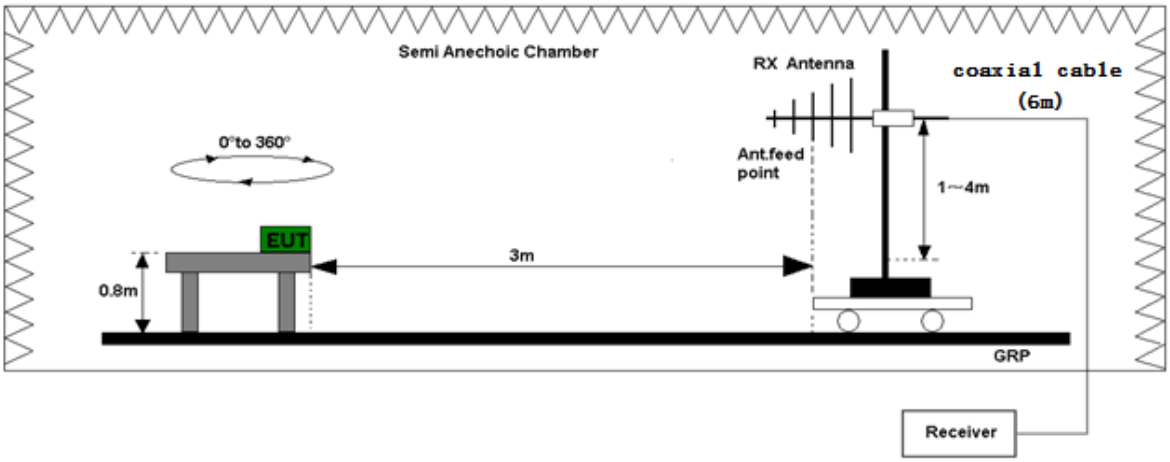
Temperature: 21.9°C

Test Voltage: AC 120V, 60Hz
AC 240V, 60Hz
DC 3.8V

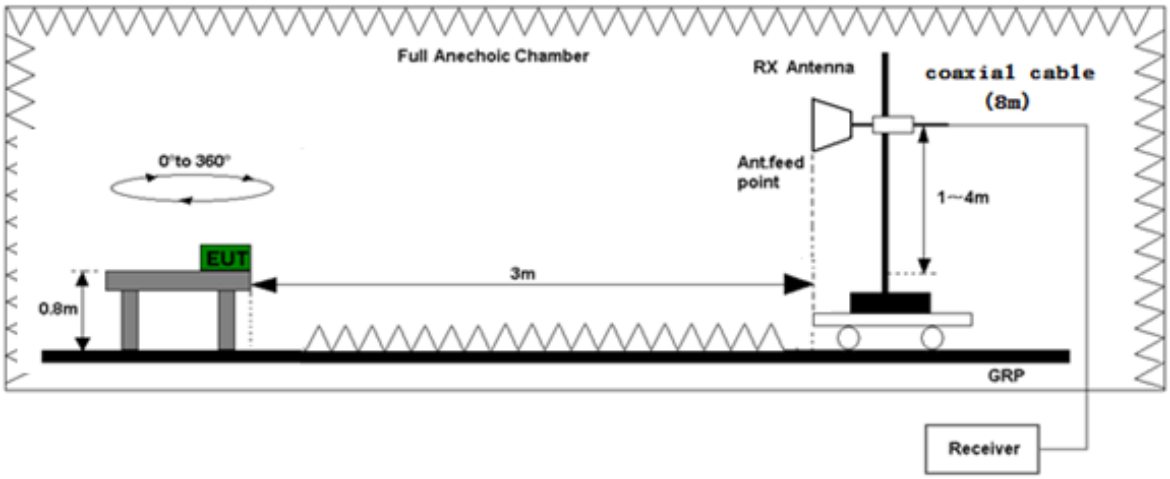
5.2 Test Setup and Procedure

The figure below shows the test setup, which is utilized to make these measurements.

The frequency spectrum from 30MHz to 12750MHz was investigated.



(Radiated Emission Measurements Test Setup for 30MHz to 1GHz)



(Radiated Emission Measurements Test Setup for above 1GHz)

For tabletop equipment, the equipment under test was placed on the top of rotation table 0.8 meter above ground plane. For floor-standing equipment, the EUT and all cables were insulated, if required, from the ground plane by up to 12 mm of insulating material.

The table was 360 degrees to determine the position of the highest radiation.

EUT is set 3 meters from the EMI receiving antenna, which is mounted on a variable height mast. The antenna height is varied between one meter and four meters above ground to find the maximum value of the field strength. Both horizontal polarization and vertical polarization of the antenna are set to make the measurement. The bandwidth was setting on the EMI meter 120 kHz for 30MHz to 1GHz, the bandwidth was setting on the Spectrum Analyzer 1MHz for above 1GHz.

The levels are quasi peak value readings. The frequency spectrum from 30MHz to 1000MHz was investigated.
The levels are peak value readings. The frequency spectrum from 1000MHz to 29500MHz was investigated.

The EUT setup configuration please refers to the photo of test configuration in Appendix B2.

5.3 Test Equipment

Equip No.	Description	Manufacturer	Model No.	Cal. Date	Due Date
SZ185-03	EMI Receiver	R&S	ESR7	2025-04-13	2026-04-13
SZ056-06	Signal Analyzer	R&S	FSV40	2025-12-01	2026-12-01
SZ061-13	Biconilog Antenna	ETS	3142E	2025-05-29	2028-05-29
SZ061-08	Horn Antenna	ETS	3115	2024-09-13	2027-09-13
SZ181-08	Microwave System Amplifier	keysight	83017A	2025-07-30	2026-07-30
SZ188-05	Anechoic Chamber	ETS	FACT 3-2.0	2025-06-18	2028-06-18

5.4 Radiated Emission Limits

According to FCC 15.109, except for Class A digital device, the field strength of radiated emission from unintentional radiators at a distance of 3 meters shall not exceed the following values:

Class B Radiated Emission Limits:

Frequency MHz	Field Strength dBμV/m
30-88	40.0
88-216	43.5
216-960	46.0
Above 960	54.0

5.5 Uncertainty of Radiated Emission

When determining the test conclusion, the Measurement Uncertainty of test has been considered. The measurement uncertainty is ±4.8dB at a level of confidence of 95% for 30MHz-6GHz, ±5.1dB at a level of confidence of 95% for 6GHz-18GHz, ±5.3dB at a level of confidence of 95% for 18GHz-40GHz.

5.6 Radiated Emission Test Data

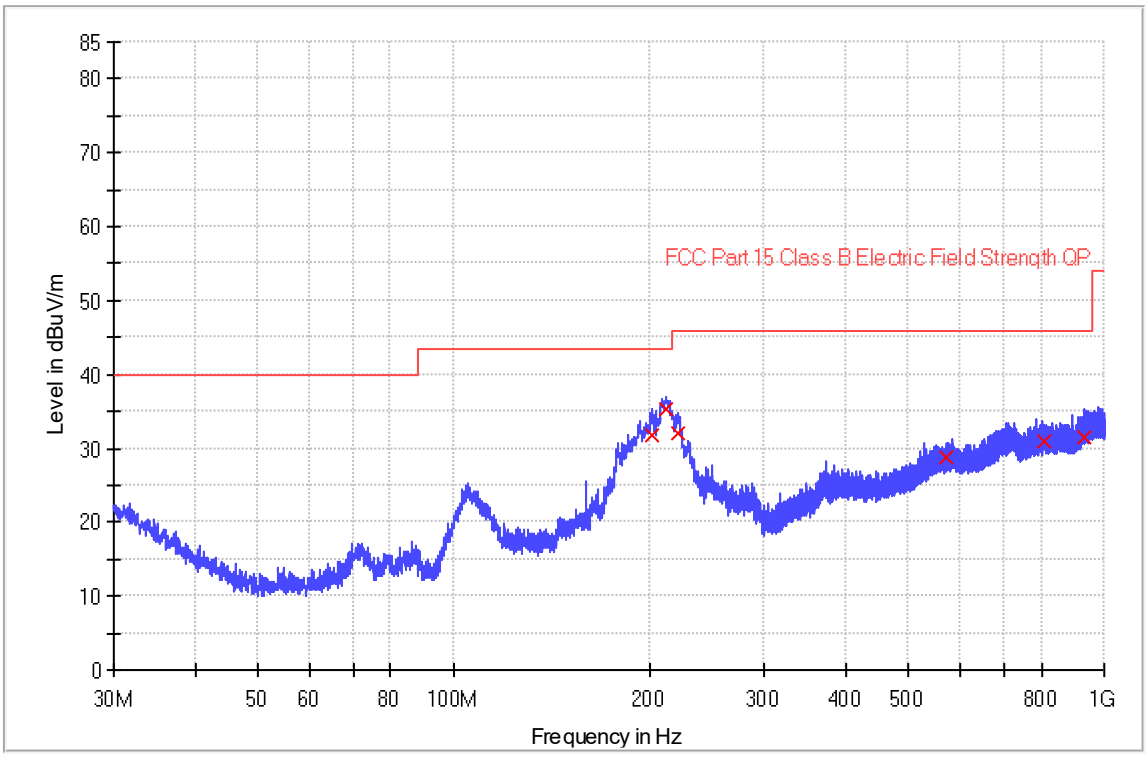
The graphic and data table consisting of the worst-case testing result were attached in the following pages.

Applicant: ITEL MOBILE LIMITED Model: A675L
Worst Case Operating Mode: Charging+Camera
Worst Case Testing Voltage: AC 120V, 60Hz

Graphic / Data Table

Radiated Emissions
Pursuant to FCC 15.109: Emissions Requirement 30MHz-1000MHz

Horizontal



Limit and Margin

Frequency (MHz)	Quasi Peak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Corr. (dB/m)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
201.560667	31.7	1000.0	120.000	H	17.4	11.8	43.5
212.327667	35.2	1000.0	120.000	H	17.7	8.3	43.5
221.348667	32.1	1000.0	120.000	H	18.1	13.9	46.0
572.165333	28.7	1000.0	120.000	H	29.0	17.3	46.0
807.325667	31.0	1000.0	120.000	H	32.1	15.0	46.0
928.608000	31.5	1000.0	120.000	H	32.9	14.5	46.0

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)

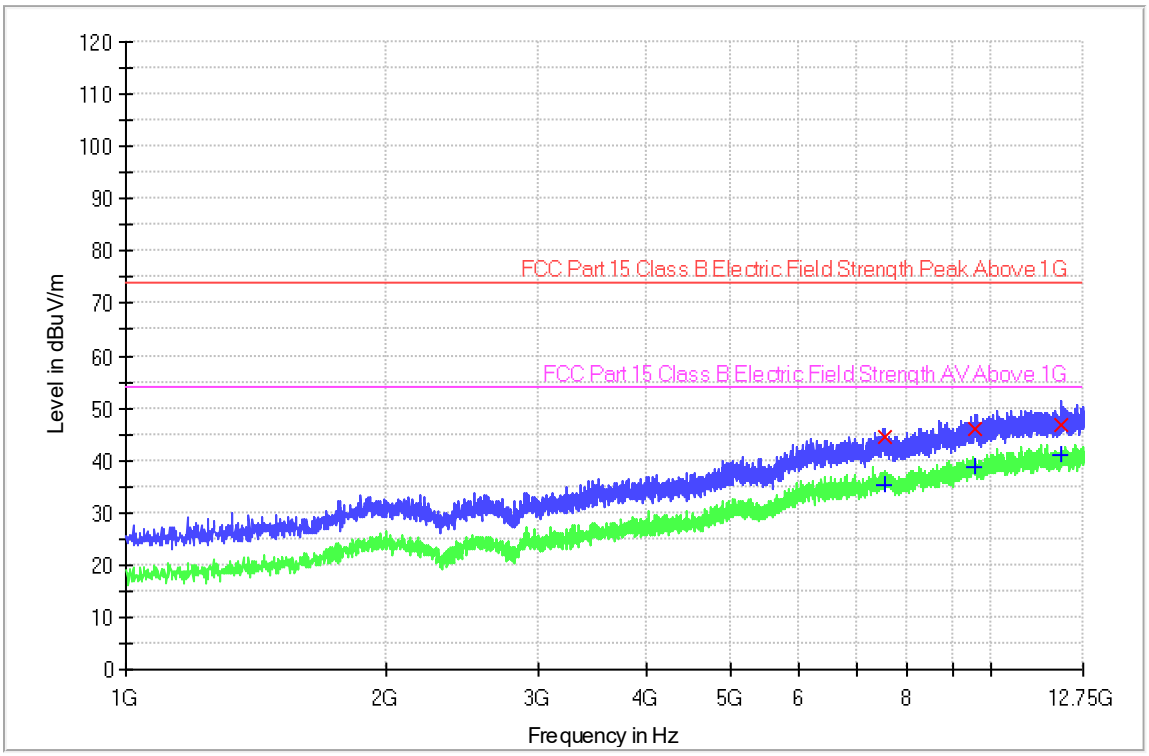
Applicant: ITEL MOBILE LIMITED
Model: A675L
Worst Case Operating Mode: Charging+Camera
Worst Case Testing Voltage: AC 120V, 60Hz

Graphic / Data Table

Radiated Emissions

Pursuant to FCC 15.109: Emissions Requirement 1GHz-29.5GHz

Horizontal



Limit and Margin PK

Frequency (MHz)	Max Peak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
7518.312500	44.6	1000.0	1000.000	H	15.9	29.4	74.0
9548.125000	45.8	1000.0	1000.000	H	18.5	28.2	74.0
12037.656250	46.9	1000.0	1000.000	H	19.4	27.1	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
7518.312500	35.4	1000.0	1000.000	H	15.9	18.6	54.0
9548.125000	38.6	1000.0	1000.000	H	18.5	15.4	54.0
12037.656250	41.0	1000.0	1000.000	H	19.4	13.0	54.0

Remark:
1. Corr. (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) - Amp. Gain (dB)
2. Max peak/Average (dBµV/m) = Corr. (dB/m) + Read Level (dBµV)
3. Margin (dB) = Limit (dBµV/m) – Max peak/Average (dBµV/m)
4. The emissions were very low against the limit in the frequency range 12.75 GHz ~ 29.5GHz.

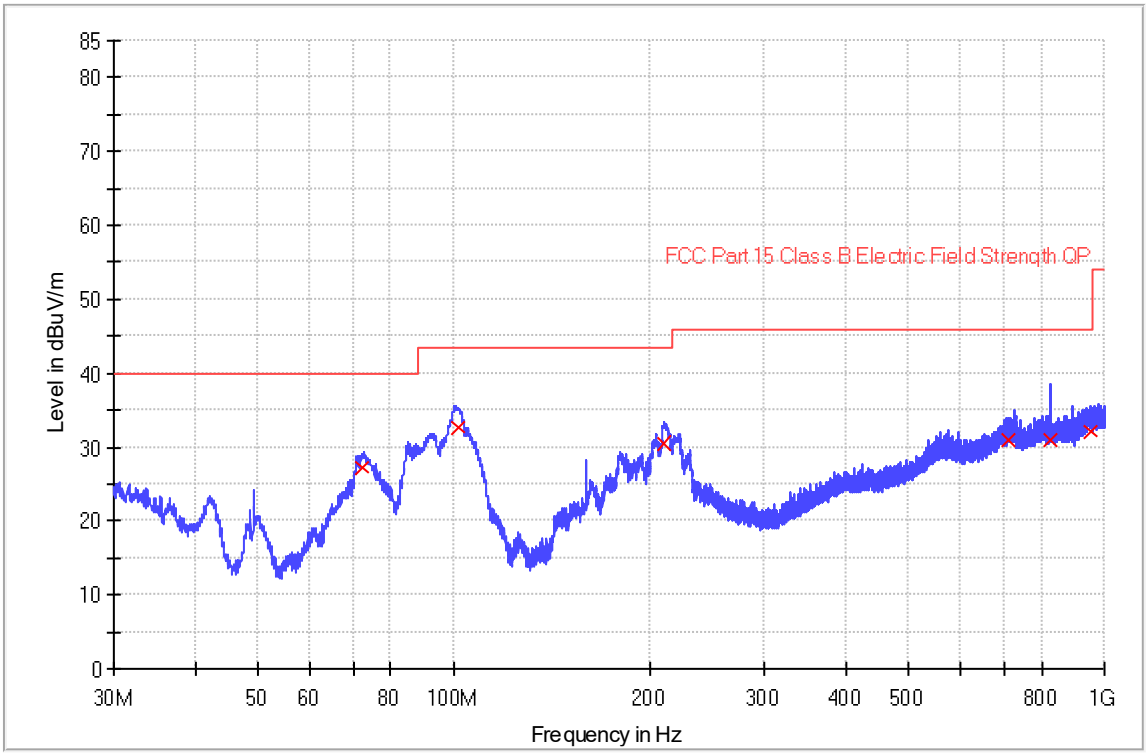
Applicant: ITEL MOBILE LIMITED
Model: A675L
Worst Case Operating Mode: Charging+Camera
Worst Case Testing Voltage: AC 120V, 60Hz

Graphic / Data Table

Radiated Emissions

Pursuant to FCC 15.109: Emissions Requirement

Vertical



Limit and Margin

Frequency (MHz)	Quasi Peak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Corr. (dB/m)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
72.098000	27.2	1000.0	120.000	V	13.7	12.8	40.0
101.747667	32.6	1000.0	120.000	V	14.9	10.9	43.5
210.420000	30.3	1000.0	120.000	V	17.7	13.2	43.5
713.171000	31.1	1000.0	120.000	V	31.1	14.9	46.0
825.820333	31.0	1000.0	120.000	V	32.0	15.0	46.0
954.959667	32.0	1000.0	120.000	V	33.7	14.0	46.0

Remark:

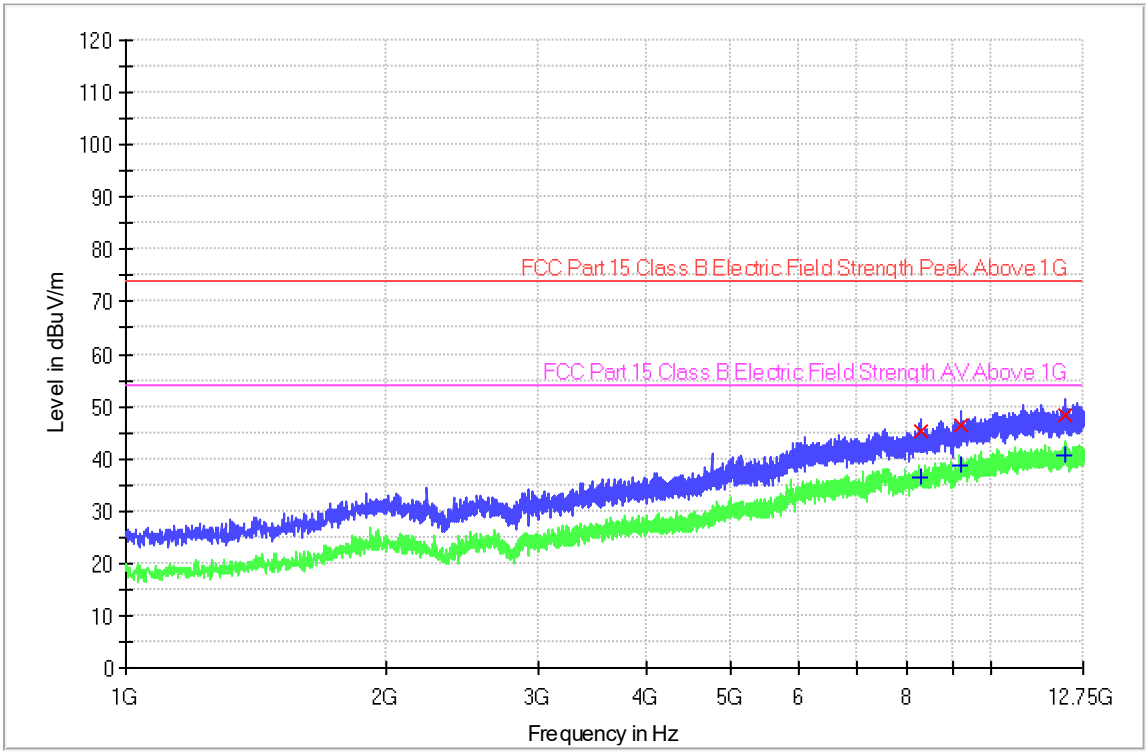
1. Corr. (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)
2. Quasi Peak (dBµV/m) = Corr. (dB/m) + Read Level (dBµV)
3. Margin (dB) = Limit QPK (dBµV/m) – Quasi Peak (dBµV/m)

Applicant: ITEL MOBILE LIMITED
Model: A675L
Worst Case Operating Mode: Charging+Camera
Worst Case Testing Voltage: AC 120V, 60Hz

Graphic / Data Table

Radiated Emissions
Pursuant to FCC 15.109: Emissions Requirement 1GHz-29.5GHz

Vertical



Limit and Margin PK

Frequency (MHz)	Max Peak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBµV/m)
8279.125000	45.4	1000.0	1000.000	H	16.1	28.6	74.0
9222.062500	46.5	1000.0	1000.000	H	17.8	27.5	74.0
12137.531250	48.5	1000.0	1000.000	H	19.4	25.5	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBµV/m)
8279.125000	36.4	1000.0	1000.000	H	16.1	17.6	54.0
9222.062500	38.6	1000.0	1000.000	H	17.8	15.4	54.0
12137.531250	40.6	1000.0	1000.000	H	19.4	13.4	54.0

Remark:
1. Corr. (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) - Amp. Gain (dB)
2. Max peak/Average (dBµV/m) = Corr. (dB/m) + Read Level (dBµV)
3. Margin (dB) = Limit (dBµV/m) – Max peak/Average (dBµV/m)
4. The emissions were very low against the limit in the frequency range 12.75 GHz ~ 29.5GHz.

APPENDIX A1: EXTERNAL PHOTO OF EUT

The external photos refer to the file “EUT External Photos”

APPENDIX A2: INTERNAL PHOTO OF EUT

The internal photos refer to the file “EUT Internal Photos”.

APPENDIX B1: CONDUCTED EMISSION TEST SET-UP

The set-up photos refer to the file “251225010SZN-007 Setup Photos”.

APPENDIX B2: RADIATED EMISSION TEST SET-UP

The set-up photos refer to the file “251225010SZN-007 Setup Photos”.

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

Supplier's Declaration of Conformity Procedure Instruction Manual Requirements

The user's manual or instruction manual shall include the following statement in a prominent location in the text of the manual:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- **Reorient or relocate the receiving antenna.**
- **Increase the separation between the equipment and receiver.**
- **Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.**
- **Consult the dealer or an experienced radio/ TV technician for help.**

And the following additional information shall be contained in the user or instruction manual:

1) The Responsible (located within the United States) party information: Name, Address, Telephone Number or Internet contact information
2) The name and model number of the product

Notes: For systems incorporating several digital devices, the above statement needs to be contained only in the user manual for the main control unit.

If shielded cables or other specialized accessories are necessary for the unit to achieve compliance, a statement similar to the following should be added:

Shielded cables must be used with this unit to ensure compliance with the Class B FCC limits.

The compliance information statement shall be included in the user's manual or as a separate sheet. In cases where the manual is provided only in a form other than paper, such as on a computer disk or over the Internet, the information required by this section
may be included in the manual in that alternative form, provided the user can reasonably be expected to have the capability to access information in that form

Supplier's Declaration of Conformity Labelling Requirements

The product identification (labelling) and compliance information requirements for a device subject to SDoC (Sections 2.1074 and 2.1077, respectively) requires that each device be uniquely identified (for example, using a label listing a trade name and type or model number). The label can be affixed at any space external to the product except the battery door or detachable parts. The product identification should be as follows:
The name and type or model number of the product

Compliance information should be as follows:
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC logo on a voluntary basis as a visual indication that the product complies with the applicable FCC requirements

Where a device is constructed in two or more sections connected by wires and marketed together, the statement specified under Sections 2.1074 and 2.1077 are required to be affixed only to the main control unit.

When the device is so small or for such use that it is impracticable to label it with the statement specified under Sections 2.1074 and 2.1077 in a font that is four-point or larger, and the device does not have a display that can show electronic labelling, then the information required by this paragraph shall be placed in the user manual and must also either be placed on the device packaging or on a removable label attached to the device.

The label shall not be a stick-on paper label. The label on these products shall be permanently affixed to the product and shall be readily visible to the purchaser at the time of purchase. “Permanently affixed” means that the label is etched, engraved, stamped, silkscreened, indelibly printed, or otherwise permanently marked on a permanently attached part of the equipment or on a nameplate of metal, plastic, or other material fastened to the equipment by welding, riveting, or a permanent adhesive. The label must be designed to last the expected lifetime of the equipment in the environment in which the equipment may be operated and must not be readily detachable.