



# TEST REPORT

## No.I23N00016-EMC

for

**TCL Communication Ltd.**

**UMTS/LTE /NR Mobile phone**

**Model Name: T609J**

**With**

**Hardware Version: 03**

**Software Version: LUS7**

**FCC ID:2ACCJH174**

**Issued Date: 2023-02-02**

**Designation Number: CN1210**

**Note:**

The test results in this test report relate only to the devices specified in this report. This report shall not be reproduced except in full without the written approval of SAICT.

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## **REPORT HISTORY**

<b>Report Number</b>	<b>Revision</b>	<b>Description</b>	<b>Issue Date</b>
I23N00016-EMC	Rev.0	1st edition	2023-02-02

Note: the latest revision of the test report supersedes all previous version.



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## **1. SUMMARY OF TEST REPORT**

### **1.1. Test Items**

Description	UMTS/LTE /NR Mobile phone
Model Name	T609J
Applicant's name	TCL Communication Ltd.
Manufacturer's Name	TCL Communication Ltd.

### **1.2. Test Standards**

FCC Part 15, Subpart B (10-1-2021 Edition); ANSI C63.4-2014.

### **1.3. Test Result**

Total test 2 items, pass 2 items. Please refer to "6.2 Test Results".

### **1.4. Testing Location**

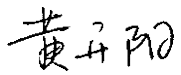
Address: Building G, Shenzhen International Innovation Center, No.1006  
Shennan Road, Futian District, Shenzhen, Guangdong, China

### **1.5. Project data**

Testing Start Date: 2022-12-06

Testing End Date: 2022-12-14

### **1.6. Signature**



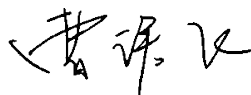
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**Huang Kaiyang**  
**(Prepared this test report)**



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**Huang Yuqing**  
**(Reviewed this test report)**



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**Cao Junfei**  
**(Approved this test report)**



## **2. CLIENT INFORMATION**

### **2.1. Applicant Information**

Company Name: TCL Communication Ltd.  
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### **2.2. Manufacturer Information**

Company Name: TCL Communication Ltd.  
Address: 5/F, Building 22E, 22 Science Park East Avenue, Hong Kong  
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Contact Person Annie Jiang  
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### **3. EQUIPMENT UNDER TEST (EUT) AND ANCILLARY EQUIPMENT**

#### **(AE)**

#### **3.1. About EUT**

Description	UMTS/LTE /NR Mobile phone
Model Name	T609J
FCC ID	2ACCJH174
Condition of EUT as received	No obvious damage in appearance

Note: Components list, please refer to documents of the manufacturer; it is also included in the original test record of Shenzhen Academy of Information and Communications Technology.

#### **3.2. Internal Identification of AE**

<b>AE ID*</b>	<b>Description</b>
AE1	Battery
AE2	Charger
AE3	USB Cable
AE1-1	
Model	TLp048AA
S/N	CAC4850009CA
Manufacturer	TMB
Capacity	5000mAh
Nominal Voltage	3.85 V
AE2-1	
Model	CBA0064BGTC5
Manufacturer	PUAN
AE2-2	
Model	CBA0064BGTC1
Manufacturer	BYD
AE3-1	
Model	CDA0000198C1
Manufacturer	JUWEI
AE3-2	
Model	CDA0000198C2
Manufacturer	SHENGHUA
AE3-3	
Model	CDA0000201C2
Manufacturer	SHENGHUA
AE3-4	
Model	CDA0000202C1
Manufacturer	JUWEI

\*AE ID: is used to identify the test sample in the lab internally.

AE: ancillary equipment.



### 3.3. General Description

The Equipment Under Test (EUT) is a model of UMTS/LTE /NR Mobile phone.

It supports WCDMA Bands 1/2/4/5/8,LTE Bands 1/2/3/4/5/7/12/13/17/20/25/26/29/38/41/66/71, 5G NR Bands n2/n5/n7/n25/n38/n41/n66/n71/n77/n78 and ENDC Bands which details in the Operation description documents.

It has Video Player, Camera, FM receiver, USB memory, Bluetooth, Wi-Fi and GNSS functions.

It consists of normal options: Battery, Charger, and USB Cable.

Manual and specifications of the EUT were provided to fulfill the test.

Samples (EUT+AE) undergoing test were selected by the Client. Relevant information is provided by the client.

UMTS/LTE /NR Mobile phone T609J manufactured by TCL Communication Ltd. is a variant model based on T609DL manufactured by TCL Communication Ltd. for conformance test. According to client's description, the table below shows the difference:

Model Differences	T609DL	T609J
DM/FUMO	Support	Not support
GSM Bands	Support	Not support
LTE Bands	2/3/4/5/7/12/13/20/25/26/28/41/48/66/71	1/2/3/4/5/7/12/13/17/20/25/26/29/38/41/66/71
NR Bands	n2/n25/n30/n41/n66/n71/n77	n2/n5/n7/n25/n38/n41/n66/n71/n77/n78
Duplexer	Not support LTE Band7 and NR Band 7	Support LTE Band7 and NR Band 7
RX SAW	Not support Band 29	Support Band 29
Battery	TLp048D7	TLp048AA
Hardware Version	04	03
Software Version	JSS8	LUS7

According to the declaration of differences by manufacturer, all tests results are cited from the initial model, there is no need to add any additional tests.

The report number for initial model is B22N002534-EMC.

**\*\*\*END OF REPORT\*\*\***