



# TEST REPORT

No. B22N02659-WLAN 5GHz

for

**TCL Communication Ltd.**

**GSM/UMTS/LTE /NR Mobile phone**

**Model Name: T609SPP**

with

**Hardware Version: 04**

**Software Version:KT5F**

**FCC ID: 2ACCJH168**

**Issued Date: 2022-12-22**

**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>
B22N02659-WLAN 5GHz	Rev.0	1st edition	2022-12-22

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



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## **1. Summary of Test Report**

### **1.1. Test Items**

Description	GSM/UMTS/LTE /NR Mobile phone
Model Name	T609SPP
Applicant's name	TCL Communication Ltd.
Manufacturer's Name	TCL Communication Ltd.

### **1.2. Test Standards**

FCC Part15-2021; FCC 06-96-2006; ANSI C63.10-2013; KDB789033-V02r01; KDB 905462-D02.

### **1.3. Test Result**

**Pass**

Please refer to "5.2. Test Results"

### **1.4. Testing Location**

Address: EMC Laboratory, Building G, Shenzhen International Innovation Center, No.1006  
Shennan Road, Futian District, Shenzhen, Guangdong, P. R. 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.  
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### **3. Equipment Under Test (EUT) and Ancillary Equipment (AE)**

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

Description	GSM/UMTS/LTE /NR Mobile phone
Model Name	T609SPP
RF Protocol	IEEE 802.11a/n-HT20/n-HT40/ac-VHT20/ac-VHT40/ac-VHT80
WLAN Frequency Range	ISM Bands: 5150MHz~5250MHz; 5250MHz~5350MHz; 5470MHz~5725MHz; 5725MHz~5850MHz.
Type of modulation	OFDM
Antenna Type	Integrated antenna
Power Supply	3.85V DC by Battery
FCC ID	2ACCJH168
Device Type (DFS)	Client without radar detection(only support client mode)
Condition of EUT as received	No abnormality 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 used during the test**

<b>AE No.</b>	<b>Description</b>
AE1	Battery
AE2	Charger
AE3	USB Cable
AE1-1	
Model	TLp048D7
S/N	CAC4850007C7
Manufacturer	VEKEN
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 GSM/UMTS/LTE /NR Mobile phone with integrated antenna and battery.

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

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

Samples undergoing test were selected by the client.

GSM/UMTS/LTE /NR Mobile phone T609SPP manufactured by TCL Communication Ltd.is a variant model based on T609DL for conformance test. According to client's description, the table below shows the difference between model T609DL and T609SPP:

Changes	T609DL	T609SPP
FUMO	Support FUMO	Not Support FUMO
4G/5G bands	4G:B2/3/4/5/7/12/13/20/25/26/28 /41HPUE/48/66/71 5G:n2/5/25/30/41/66/71/77	4G: B2/3/4/5/7/12/13/20/28/66 5G:n2/5/66/77
Software Version	JSS8	KT5F

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 B22N02534-5GHz.



## **4. REFERENCE DOCUMENTS**

### **4.1. Documents supplied by applicant**

EUT feature information is supplied by the applicant or manufacturer, which is the basis of testing.

### **4.2. Reference Documents for testing**

The following documents listed in this section are referred for testing.

<b>Reference</b>	<b>Title</b>	<b>Version</b>
FCC Part15	FCC CFR 47,Part 15,Subpart C FCC CFR 47,Part 15,Subpart E	2021
FCC 06-96	Revision of Parts 2 and 15 of the Commission's Rules to Permit Unlicensed National Information Infrastructure (U-NII) devices in the 5 GHz band	2006
ANSI C63.10	American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices	2013
KDB 789033	GUIDELINES FOR COMPLIANCE TESTING OF UNLICENSED NATIONAL INFORMATION INFRASTRUCTURE (U-NII) DEVICES PART 15, SUBPART E	V02r01
KDB 905462	Compliance Measurement Procedures for Unlicensed-national Information Infrastructure Devices Operating in the 5250-5350 MHz and 5470-5725 MHz Bands Incorporating Dynamic Frequency Selection	D02

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