TEST REPORT

No. B22N02659-WLAN 2.4GHz

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.

Test Laboratory:

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REPORT HISTORY

Report Number	Revision	Description	Issue Date
B22N02659-WLAN 2.4GHz	Rev.0	1st edition	2022-12-22

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

CONTENTS

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; ANSI C63.10-2013.

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

_____
Liang Yong
(Prepared this test report)

_____
Huang Yuqing
(Reviewed this test report)

_____
Cao Junfei
(Approved this test report)

2. Client Information

2.1. Applicant Information

Company Name:	TCL Communication Ltd.
Address:	5/F, Building 22E, 22 Science Park East Avenue, Hong Kong Science Park, Shatin, NT, Hong Kong
Contact Person	Annie Jiang
E-Mail	nianxiang.jiang@tcl.com
Telephone:	+86 755 3661 1621
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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 Science Park, Shatin, NT, Hong Kong
Contact Person	Annie Jiang
E-Mail	nianxiang.jiang@tcl.com
Telephone:	+86 755 3661 1621
Fax:	+86 755 3661 2000-81722

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 802.11b/g/n-HT20
Operating Frequency	ISM 2412MHz~2462MHz
Type of Modulation	DSSS/CCK/OFDM
Antenna Type	Integrated antenna
Power Supply	3.85V DC by Battery
FCC ID	2ACCJH168
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

AE No.	Description	AE ID*
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. <u>General Description</u>

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 B22N02534-2.4GHz.

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.

Reference	Title	Version
FCC Part15	FCC CFR 47, Part 15, Subpart C: 15.205 Restricted bands of operation; 15.209 Radiated emission limits, general requirements; 15.247 Operation within the bands 902–928MHz, 2400–2483.5 MHz, and 5725–5850 MHz	2021
ANSI C63.10	American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices	2013

END OF REPORT