



TEST REPORT

No.B22N02659-EMC

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:

SAICT, Shenzhen Academy of Information and Communications Technology

Building G, Shenzhen International Innovation Center, No.1006 Shennan Road, Futian District, Shenzhen, Guangdong, P. R. China. 518000.

Tel:+86(0)755-33322000, Fax:+86(0)755-33322001

Email: yewu@caict.ac.cn www.saict.ac.cn



REPORT HISTORY

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

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



CONTENTS

1. SUMMARY OF TEST REPORT	4
1.1. TEST ITEMS	4
1.2. TEST STANDARDS	4
1.3. TEST RESULT	4
1.4. TESTING LOCATION.....	4
1.5. PROJECT DATA	4
1.6. SIGNATURE	4
2. CLIENT INFORMATION	5
2.1. APPLICANT INFORMATION.....	5
2.2. MANUFACTURER INFORMATION.....	5
3. EQUIPMENT UNDER TEST (EUT) AND ANCILLARY EQUIPMENT (AE)	6
3.1. ABOUT EUT	6
3.2. INTERNAL IDENTIFICATION OF AE.....	6
3.3. GENERAL DESCRIPTION.....	7
4. REFERENCE DOCUMENTS	8
4.1. REFERENCE DOCUMENTS FOR TESTING	8



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 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

Liang Yong
(Prepared this test report)

Zhang Yunzhuhan
(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
Contact Person: Annie Jiang
E-Mail: nianxiang.jiang@tcl.com
Telephone: +86 755 3661 1621
Fax: +86 755 3661 2000-81722

2.2. Manufacturer Information

Company Name: TCL Communication Ltd.
Address: 5/F, Building 22E, 22 Science Park East Avenue, 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
FCC ID	2ACCJH168
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

AE ID*	Description
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.

It supports GSM 850/900/1800/1900MHz, WCDMA Bands 1/2/5/8,

LTE Bands 2/3/4/5/7/12/13/20/25/26/28/66, 5G NR Bands n2/n5/n66/n77

and ENDC Bands DC_2A_n2A/DC_5A_n2A/DC_13A_n2A/DC_66A_n2A/DC_2A_n5A
DC_66A_n5A/DC_2A_n66A/DC_5A_n66A/DC_13A_n66A/DC_66A_n66A/DC_2A_n77A/DC_5A
_n77A/DC_13A_n77A/DC_66A_n77A.

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.

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-EMC.



4. REFERENCE DOCUMENTS

4.1. Reference Documents for Testing

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

Reference	Title	Version
FCC Part 15, Subpart B	Radio frequency devices	(10-1-2021 Edition)
ANSI C63.4	Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz	2014

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