



TEST REPORT

No. B22N02659-EMC-NR

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@saict.ac.cn. www.saict.ac.cn



No. B22N02659-EMC-NR

REPORT HISTORY

Report Number	Revision	Description	Issue Date
B22N02659-EMC-NR	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 EUT USED DURING THE TEST	6
3.3. INTERNAL IDENTIFICATION OF AE USED DURING THE TEST.....	6
3.4. GENERAL DESCRIPTION	7
4. REFERENCE DOCUMENTS	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 2/22/24/27/90	10-1-20 Edition
ANSI C63.26	2015
KDB971168 D01	v03r01

1.3. Test Result

PASS/FAIL

Total test 2 items, pass 2 items. Please refer to "6 Summary of Test Results" for detail.

1.4. Testing Location

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

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
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
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
FCC ID	2ACCJH168
Frequency Bands	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.
Antenna	Integrated
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 EUT used during the test

EUT ID*	SN or IMEI	HW Version	SW Version	Receive Date
UT05aa	016320000013742	04	KT5F	2022-12-01

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

3.3. Internal Identification of AE used during the test

AE ID*	Description
AE1	Battery
AE1-1	
Model	TLp048D7
S/N	CAC4850007C7
Manufacturer	VEKEN
Capacity	5000mAh
Nominal Voltage	3.85 V

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

AE: ancillary equipment.

3.4. General Description

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

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 T609S 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 T609S:

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 B22N02659-EMC-NR.



4. REFERENCE DOCUMENTS

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

Reference	Title	Version
FCC Part 22	PUBLIC MOBILE SERVICES	(10-1-2021 Edition)
FCC Part 24	PERSONAL COMMUNICATIONS SERVICES	(10-1-2021 Edition)
FCC Part 2	FREQUENCY ALLOCATIONS AND RADIO TREATY MATTERS; GENERAL RULES AND REGULATIONS	(10-1-2021 Edition)
FCC Part 27	MISCELLANEOUS WIRELESS COMMUNICATIONS SERVICES	(10-1-2021 Edition)
FCC Part 90	PRIVATE LAND MOBILE RADIO SERVICES	(10-1-2021 Edition)
FCC Part 96	CITIZENS BROADBAND RADIO SERVICE	10-1-21 Edition
ANSI C63.26	American National Standard for Compliance Testing of Transmitters Used in Licensed Radio Services	2015
KDB971168 D01	Power Meas License Digital Systems	v03r01
KDB 940660 D01	CERTIFICATION AND TEST PROCEDURES FOR CITIZENS BROADBAND RADIO SERVICE DEVICES AUTHORIZED UNDER PART 96	v03

END OF REPORT