



TEST REPORT

No.I20N03533-MPE

For

TCL Communication Ltd.

True Wireless Headphones

Model Name: TW30

With

Hardware Version: 40-00TW309MID6H

Software Version: V1.1.0.12

FCC ID: 2ACCJB144

Issued Date: 2021-01-25

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
I20N03533-MPE	Rev.0	1st edition	2021-01-25
I20N03533-MPE	Rev.1	updated the table of section 5	2021-01-25



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1. Summary of Test Report

1.1. Test Items

Description: True Wireless Headphones
Model Name: TW30
Applicant's name: TCL Communication Ltd.
Manufacturer's Name: TCL Communication Ltd.

1.2. Test Standards

KDB 447498 D01v06

1.3. Test Result

Pass.

1.4. Testing Location

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

1.5. Project Data

Testing Start Date: 2021-01-25

Testing End Date: 2021-01-25

1.6. Signature

Li Yongfu

(Prepared this test report)

Zhang Yunzhan

(Reviewed this test report)

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(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
City:	/
Country:	/
Telephone:	0086-755-36611722

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
City:	/
Country:	/
Telephone:	0086-755-36611722

3. Product Information

Description:	True Wireless Headphones
Model name:	TW30
Condition of EUT as received	No obvious damage in appearance
Operating mode(s):	Bluetooth
Tx Frequency:	2402 – 2480MHz (Bluetooth)

4. Reference Documents

KDB 447498 D01 General RF Exposure Guidance v06 RF exposure procedures and equipment authorization policies for mobile and portable devices.



5. Result

Per KDB 447498 D01v06, the 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at *test separation distances* ≤ 50 mm are determined by:

$[(\text{max. power of channel, including tune-up tolerance, mW})/(\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$ for 1-g SAR and ≤ 7.5 for 10-g extremity SAR

- f(GHz) is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation
- The result is rounded to one decimal place for comparison
- If the test separation distance (antenna-user) is < 5mm, 5mm is used for excluded SAR calculation

Bluetooth Max. Conducted Power		Test Distance (mm)	Frequency (GHz)	Exclusion Thresholds
(dBm)	(mW)			
9.0	7.94	0	2.48	2.50

Conclusion:

Per KDB 447498 D01v06, exclusion thresholds is less than 3, RF exposure evaluation is not required.

END OF REPORT