



TEST REPORT

No.I21N02089-MPE

For

TCL Communication Ltd.

MOVEAUDIO S180 TRUE WIRELESS IN-EAR NC HEADPHONES

Model Name: TW18

With

Hardware Version: TW18_V1.1

Software Version: TW18_buds_1.0.0.5

FCC ID: 2ACCJB163

Issued Date: 2021-08-03

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
121N02089-MPE	Rev.0	1st edition	2021-08-03



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1. Summary of Test Report

1.1. Test Items

Description: MOVEAUDIO S180 TRUE WIRELESS IN-EAR NC HEADPHONES
Model Name: TW18
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: 2021-08-03

Testing End Date: 2021-08-03

1.6. Signature

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(Prepared this test report)

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(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:	Hong Kong
Country:	China
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:	Hong Kong
Country:	China
Telephone:	0086-755-36611722

3. Product Information

Description:	MOVEAUDIO S180 TRUE WIRELESS IN-EAR NC HEADPHONES
Model name:	TW18
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:

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

- 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 < 5 mm, 5mm is used for excluded SAR calculation

Bluetooth Max. Conducted Power		Test Distance (mm)	Frequency (GHz)	Exclusion Thresholds
(dBm)	(mW)			
9.5	8.91	0	2.48	2.81

Conclusion:

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

END OF REPORT