



# TEST REPORT

No.I20N02299-MPE

For

**TCL Communication Ltd.**

**Bluetooth Keyboard**

**Model Name: KB 30**

With

**Hardware Version: V1.1**

**Software Version: V1.0**

**FCC ID: 2ACCJACC05**

**Issued Date: 2020-09-18**

**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

<b>Report Number</b>	<b>Revision</b>	<b>Description</b>	<b>Issue Date</b>
I20N02299-MPE	Rev.0	1st edition	2020-09-18



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No.I20N02299-MPE

## 1. Summary of Test Report

### 1.1. Test Items

Description: Bluetooth Keyboard  
Model Name: KB 30  
Applicant's name: TCL Communication Ltd.  
Manufacturer's Name: TCL Communication Ltd.

### 1.2. Test Standards

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

### 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: 2020-09-18

Testing End Date: 2020-09-18

### 1.6. Signature

Li Yongfu

(Prepared this test report)

Zhang Yunzhan

(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
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:	Bluetooth Keyboard
Model name:	KB 30
Marketing Name:	/
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*  $\leq 50$  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  $\leq 7.5$  for 10-g extremity SAR

- $f(\text{GHz})$  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  $< 5\text{mm}$ , 5mm is used for excluded SAR calculation

Bluetooth Max Power		Test Distance (mm)	Frequency (GHz)	Exclusion Thresholds
(dBm)	(mW)			
-2.5	0.56	0	2.48	0.18

### Conclusion:

Per KDB 447498 D01v06 exclusion thresholds is  $0.18 < 3$ , RF exposure evaluation is not required.

## ANNEX A: Accreditation Certificate



**Accredited Laboratory**

A2LA has accredited

**SHENZHEN ACADEMY OF INFORMATION AND COMMUNICATIONS TECHNOLOGY**  
*Shenzhen, People's Republic of China*

for technical competence in the field of

**Electrical Testing**

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).



Presented this 30<sup>th</sup> day of October 2019.



Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 4353.01  
Valid to November 30, 2021

*For the tests to which this accreditation applies, please refer to the laboratory's Electrical Scope of Accreditation.*

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