



RF Exposure Evaluation Report

APPLICANT : TCL Communication Ltd.
EQUIPMENT : Bluetooth keyboard
BRAND NAME : ALCATEL ONETOUCH
MODEL NAME : KB10
MARKETING NAME : Pixi3(10) Typecase
FCC ID : 2ACCJACC01
STANDARD : FCC 47 CFR Part 2 (2.1093)
FCC KDB 447498 D01 v05r02

We, SPORTON INTERNATIONAL (SHENZHEN) INC., would like to declare that the device has been evaluated in accordance with 47 CFR Part 2.1093, and pass the limit. Without written approval of SPORTON INTERNATIONAL (SHENZHEN) INC., the test report shall not be reproduced except in full.

Reviewed by: Eric Huang / Deputy Manager

Approved by: Jones Tsai / Manager

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**Revision History**

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FA580801	Rev. 01	Initial issue of report	Aug. 28, 2015

**1. Administration Data****1.1. Testing Laboratory**

Testing Laboratory	
Test Site	SPORTON INTERNATIONAL (SHENZHEN) INC.
Test Site Location	1F & 2F,Building A, Morning Business Center, No. 4003 ShiGu Rd., Xili Town, Nanshan District, Shenzhen, Guangdong, P. R. China TEL: +86-755-8637-9589 FAX: +86-755-8637-9595

Applicant	
Company Name	TCL Communication Ltd.
Address	5F, C-Tower, No. 232, Liang Jing Road, ZhangJiang High-Tech Park, Pudong Area,Shanghai,201203,P.R.China

Manufacturer	
Company Name	TCL Communication Ltd.
Address	5F, C-Tower, No. 232, Liang Jing Road, ZhangJiang High-Tech Park, Pudong Area,Shanghai,201203,P.R.China

**2. Description of Equipment Under Test (EUT)**

Product Feature & Specification	
EUT Type	Bluetooth keyboard
Brand Name	ALCATEL ONETOUCH
Model Name	KB10
Marketing Name	Pixi3(10) Typecase
FCC ID	2ACCJACC01
Wireless Technology and Frequency Range	Bluetooth: 2402 MHz ~ 2480 MHz
Mode	Bluetooth v3.0+EDR
Antenna Type	Bluetooth: PIFA Antenna
HW Version	V1.0
SW Version	V2.0.0.0
EUT Stage	Production Unit
Remark: The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.	



3. Maximum RF average output power among production units

Mode	Maximum Average Power (dBm)
Bluetooth v3.0+EDR	2.5



4. Bluetooth Exclusions Applied

Mode	Average power(dBm)
	Bluetooth v3.0+EDR
2.4GHz Bluetooth	2.5

Note:

1. Per KDB 447498 D01v05r02, 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

- $f(\text{GHz})$ 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

Bluetooth Max Power (dBm)	Separation Distance (mm)	Frequency (GHz)	exclusion thresholds
2.5	< 5	2.48	0.6

Note:

Per KDB 447498 D01v05r02, when the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion. The test exclusion threshold is 0.6 which is ≤ 3 , SAR testing is not required.

Conclusion:

Bluetooth SAR testing is not required