RF Exposure Evaluation Report

Applicant:	SHENZHEN PEICHENG TECHNOLOGY CO., LTD
Address of Applicant:	5th floor, B builing, Yingxin factory, Baotian 3rdRd.Xixiang, Bao'an Distict, Shenzhen China.
Equipment Under Test (EUT)	
Product Name:	Tablet PC
Model No.:	P50-ROW, P50-EEA
Trade mark:	MOXNICE
FCC ID:	2AV6Y-P50
Applicable standards:	FCC CFR Title 47 Part 2 Subpart J Section 2.1093
Date of sample receipt:	10 Oct., 2020
Date of Test:	11 Oct., to 16 Nov., 2020
Date of report issue:	17 Nov., 2020
Test Result:	PASS*

Authorized Signature:

Bruce Zhang
Laboratory Manager

This report details the results of the testing carried out on one sample. The results contained in this test report do not relate to other samples of the same product and does not permit the use of the JYT product certification mark. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.

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2 Version

Version No.	Date	Description
00	*17 Nov., 2020*	*Original*

Tested by: YT Yang ***Date:*** *17 Nov., 2020*

Test Engineer

Reviewed by: Winner Zhang ***Date:*** *17 Nov., 2020*

Project Engineer

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4 General Information

4.1 Client Information

Applicant:	SHENZHEN PEICHENG TECHNOLOGY CO., LTD
Address:	5th floor, B builing, Yingxin factory, Baotian 3rdRd.Xixiang, Bao'an Distict, Shenzhen China.
Manufacturer:	SHENZHEN PEICHENG TECHNOLOGY CO., LTD
Address:	5th floor, B builing, Yingxin factory, Baotian 3rdRd.Xixiang, Bao'an Distict, Shenzhen China.
Factory:	SHENZHEN PEICHENG TECHNOLOGY CO., LTD
Address:	5th floor, B builing, Yingxin factory, Baotian 3rdRd.Xixiang, Bao'an Distict, Shenzhen China.

4.2 General Description of E.U.T.

Product Name:	Tablet PC
Model No.:	P50-ROW, P50-EEA
Operation Frequency:	2.4G Wi-Fi: 2412MHz~2462MHz ; 2422MHz~2452MHz Bluetooth: 2402MHz~2480MHz
Modulation technology:	802.11b: DSSS, 802.11g/nH20/nH40: OFDM Bluetooth BLE and BDR: GFSK, Bluetooth EDR: π/4-DQPSK, 8DPSK
Antenna Type:	Internal antenna
Antenna gain:	BT: 1.0 dBi; Wi-Fi: 1.0 dBi
Test Sample Condition:	The test samples were provided in good working order with no visible defects.

4.3 Operating Modes

Operating mode	Detail description
BT mode	Keep the EUT in continuously transmitting in BT mode
2.4G WIFI mode	Keep the EUT in continuously transmitting in 2.4G WIFI mode

4.4 Additions to, deviations, or exclusions from the method

No

4.5 Laboratory Facility

The test facility is recognized, certified, or accredited by the following organizations:

- **FCC - Designation No.: CN1211**

JianYan Testing Group Shenzhen Co., Ltd. has been accredited as a testing laboratory by FCC(Federal Communications Commission). The test firm Registration No. is 727551.

- **ISED – CAB identifier.: CN0021**

The 3m Semi-anechoic chamber of JianYan Testing Group Shenzhen Co., Ltd. has been Registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 10106A-1.

- **A2LA - Registration No.: 4346.01**

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 General requirements for the competence of testing and calibration laboratories. The test scope can be found as below link: https://portal.a2la.org/scopepdf/4346-01.pdf

4.6 Laboratory Location

Shenzhen Zhongjian Nanfang Testing Co., Ltd.
Address: No.110~116, Building B, Jinyuan Business Building, Xixiang Road,
Bao'an District, Shenzhen, Guangdong, China
Tel: +86-755-23118282, Fax: +86-755-23116366
Email: info@ccis-cb.com, Website: http://www.ccis-cb.com

5 Technical Requirements Specification in FCC CFR Title 47 Part 2.1093

5.1 Limits

According to 447498 D01 General RF Exposure Guidance v06 Mobile and Portable Devices RF Exposure Procedures and Equipment Authorization Policies.
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:

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

- 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

5.2 Result

Worse case for BT as below:
[2441MHz: 4.43dBm (2.77 mW) output power]
(2.77 mW /5mm) •[√2.441(GHz)]=0.866 <3.0 for 1-g SAR

Worse case for BLE as below:
[2441MHz: 4.54dBm (2.84 mW) output power]
(2.84 mW /5mm) •[√2.441(GHz)]=0.886 <3.0 for 1-g SAR

Worse case for 2.4GWiFi as below:
[2412MHz: 5.54dBm (3.58 mW) output power]
(3.58 mW /5mm) •[√2.412(GHz)]=1.111 <3.0 for 1-g SAR

5.3 Conclusion

The device is exempt from the RF exposure evaluation.

------End of report------