

RF EXPOSURE Test Report

FCC ID:	UP3-PCTOUCH
Applicant	Lathem Time Corporation
Address	210 The Bluffs, Suite 107 SW Austell, GA 30168 United States
Manufacturer	SHENZHEN HEROFUN BIO-TECH CO., LTD
Address	West 401, Building A2, TianRui Industrial Park, No. 35 FuYuan 1st Road, XinHe Community, FuHai Street, BaoAn District, Shenzhen, China
Product Name:	Time Clock
Model/Type reference:	PCTOUCH
Power supply:	DC 12V
Adapter information	Model: FX18U-120125J Input: AC 100-240V 50/60Hz 0.6A Output: DC 12V 1.25A Firmware Version: EPTA5.14.2 Manufacture: Huizhou Dongyang Yienbi Electronics Co., Ltd
Hardware version:	V1.0
Software version:	V1.0
Operation frequency:	125kHz
Standards:	N/A
Test procedure :	KDB447498 D04 V01 - Interim General RF Exposure Guidance Part 1.1307(b)(3)(A) - Blanket RF exposure exemption (i) Part 1.1307(b)(3)(i)(C) - SAR test exemption (i) Part 1.1307(b)(3)(i)(B) - SAR test exemption (ii)
Date of Test	
Date of tests	September 1, 2023 ~ September 7, 2023
Test Result.	Pass
This device described above has been tested by BSL Testing Co., Ltd. and the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.	

RF Exposure Evaluation

For the PCTOUCH

Operating Frequency: 125 kHz

Tx Power_{max} (declared inc. tune up tolerance): 92.45dB_μV/m @3m = -2.71 dBm EIRP =0.54mW<1mW

Measured radiated power - Ref KDB447498 DO4 Section 3.1.2--

When an antenna port is not available on the device to support conducted power measurement, e.g.: with built-in integral antennas, the available maximum output power or ERP, whichever is larger, and tolerance allowed for production units shall be used to determine RF exposure test exemption and compliance.

Evaluation

From Part 1.1307, RF exposure exemption applies if the maximum transmitted power is less than the maximum of the following three criteria:

- i) Less than 1 mw Blanket exemption. $P_{TH}= 0.001 \text{ W}$ - §1.1307(b)(3)(i)(A)
- ii) determination of exemption under the MPE-based §1.1307(b)(3)(i)(C), if i) not met
- iii) determination of exemption under the SAR-based §1.1307(b)(3)(i)(B) if both i) and ii) are not met;

Conclusion:

The PCTOUCH source-based, time-averaged power is -2.71 dBm (0.54 mW).

i.e.: less than 1 mW (0 dBm), so complies with the RF exposure blanket exemption in accordance with §1.1307(b)(3)(i)(A).