

Product Name: Power Station	Report No: FCC022022-06341RF14
Product Model: PN0430A	Security Classification: Open
Version: V1.0	Total Page: 6

# TIRT Testing Report



Prepared By:	Checked By:	Approved By:	
Stone Tang	Randy Lv	Daniel Chen	
<i>Stone Tang</i>	<i>Randy Lv</i>	<i>Daniel Chen</i>	

# FCC RF EXPOSURE REPORT

## FCC ID: 2AOK9-PN0430A

**Project No.** : 2022-06341  
**Equipment** : Power Station  
**Brand Name** : 70mai  
**Test Model** : PN0430A  
**Series Model** : N/A  
**Applicant** : 70mai Co.,Ltd.  
**Address** : Room 2220, building 2, No. 588, Zixing road, MinHang District, Shanghai. CHINA  
**Manufacturer** : 70mai Co.,Ltd.  
**Address** : Room 2220, building 2, No. 588, Zixing road, MinHang District, Shanghai. CHINA  
**Date of Receipt** : Dec. 16, 2022  
**Date of Test** : Dec. 19, 2022~Dec. 28, 2022  
**Issued Date** : Dec. 30, 2022  
**Report Version** : V1.0  
**Test Sample** : Engineering Sample No.: 20221213021569  
**Standard(s)** : FCC Guidelines for Human Exposure IEEE C95.1 & FCC Part 2.1091  
FCC Title 47 Part 2.1091  
KDB 447498 D01 General RF Exposure Guidance v06

- The test result referred exclusively to the presented test model /sample.
- Without written approval of TIRT Inc. the test report shall not reproduced except in full.

Lab: Beijing TIRT Technology Service Co.,Ltd Shenzhen

Add: 101, 3 # Factory Building, Gongjin Electronics Shatin Community, Kengzi Street, Pingshan

District, Shenzhen, China

TEL: +86-0755-27087573

**REPORT ISSUED HISTORY**

Report No.	Version	Description	Issued Date	Note
FCC022022-06341RF14	V1.0	Original Report.	2022.12.30	Valid

**1. TEST FACILITY**

Company:	Beijing TIRT Technology Service Co.,Ltd Shenzhen
Address:	101, 3 # Factory Building, Gongjin Electronics Shatin Community, Kengzi Street, Pingshan District, Shenzhen, China
CNAS Registration Number:	CNAS L14158
A2LA Registration Number:	6049.01
FCC Accredited Lab. Designation Number:	CN1309
FCC Test Firm Registration Number:	825524
Telephone:	+86-0755-27087573

## 2. MPE CALCULATION METHOD

Calculation Method of RF Safety Distance:

$$S = \frac{PG}{4\pi r^2} = \frac{EIRP}{4\pi r^2}$$

where:

S = power density

P = power input to the antenna

G = power gain of the antenna in the direction of interest relative to an isotropic radiator

R = distance to the center of radiation of the antenna

Antenna Specification:

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	N/A	N/A	PCB	N/A	0.5

Note:

- 1) The antenna gain is provided by the manufacturer.
- 2) The antenna is for testing purposes only.

### 3. TEST RESULTS

Directional Gain (dBi)	Directional Gain (numeric)	Max. Output Power (dBm)	Max. Output Power (mW)	Power Density (S) (mW/cm <sup>2</sup> )	Limit of Power Density (S) (mW/cm <sup>2</sup> )	Test Result
0.5	1.1220	7.31	5.383	0.0012	1	Complies

Note: The calculated distance is 20 cm.

**End of Test Report**