

Product Name: Computer	Report No: FCC022023-0289RF14
Product Model: IPASONS6-X7004457152	Security Classification: Open
Version: V1.0	Total Page: 6

# **TIRT Testing Report**



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# FCC RF EXPOSURE REPORT

# FCC ID: 2ATY8-IPASONS6

**Equipment** : Computer

Brand Name : IPASON

Test Model : IPASONS6-X7004457152

Series Model : IPASONS6\*\*\*\*\*\*\*\*\* (\* can be0-9,a-z,A-Z or "-")

Applicant : Wuhan Ipason Technology Co., Ltd

Address : 5 5th Floor, Multifunctional Building, No. 1, Ipason Avenue, Shekou

Street, Huangpi District, Wuhan City, Hubei Province, China

Manufacturer : Wuhan Ipason Technology Co., Ltd

Address : 5th Floor, Multifunctional Building, No. 1, Ipason Avenue, Shekou

Street, Huangpi District, Wuhan City, Hubei Province, China

**Issued Date** : Feb. 04, 2023

Report Version : V1.0

Test Sample : Engineering Sample No.: 20221103019324

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.

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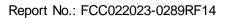
## **REPORT ISSUED HISTORY**

Report No.	Version	Description	Issued Date	Note
FCC022023-0289RF14	V1.0	Original Report	2023.03.01	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

#### For BT:

#### Antenna Specification:

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	N/A	N/A	Dipole	N/A	4.69

#### Note:

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

#### For 2.4GHz:

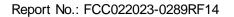
#### Antenna Specification:

Ant.	Ant. Brand Model Name		Antenna Type	Connector	Gain (dBi)
1	N/A	N/A	Dipole	N/A	4.69

#### For 5GHz:

#### Antenna Specification:

Ant.	Brand Model Name		Antenna Type	Connector	Gain (dBi)
1	N/A	N/A	Dipole	N/A	4.73





## 3. TEST RESULTS

#### For BT:

Directional Gain (dBi)	Directional Gain (numeric)	Max. Output Power (dBm)	Max. Output Power (mW)	Power Density (S) (mW/cm²)	Limit of Power Density (S) (mW/cm²)	Test Result
4.69	2.94	10.38	10.91	0.006394	1	Complies

#### For BLE:

Directional Gain (dBi)	Directional Gain (numeric)	Max. Output Power (dBm)	Max. Output Power (mW)	Power Density (S) (mW/cm²)	Limit of Power Density (S) (mW/cm²)	Test Result
4.69	2.94	6.36	10.91	0.002534	1	Complies

#### For 2.4GHz:

Directional Gain (dBi)	Directional Gain (numeric)	Max. Output Power (dBm)	Max. Output Power (mW)	Power Density (S) (mW/cm²)	Limit of Power Density (S) (mW/cm²)	Test Result
4.69	2.94	25.594	362.58	0.212393	1	Complies

#### For 5GHz:

Directional Gain (dBi)	Directional Gain (numeric)	Max. Output Power (dBm)	Max. Output Power (mW)	Power Density (S) (mW/cm²)	Limit of Power Density (S) (mW/cm²)	Test Result
4.73	2.97	12.42	17.46	0.0103215	1	Complies

Simultaneous transmitting:

41	neous transmitting.						
	Mode	ВТ	WiFi	Total MPE	Limit of Power Density (S) (mW/cm²)	Test Result	
	BT + WiFi	0.006394	0.212393	0.218787	1	Complies	
	BLE + WiFi	0.002534	0.212393	0.214927	1	Complies	
	BT + U-NII	0.006394	0.0103215	0.0167155	1	Complies	
	BLE + U-NII	0.002534	0.0103215	0.0128555	1	Complies	

Note: The calculated distance is 20 cm.

**End of Test Report**