

Brand: BION

Model: F2, F5 , NOZA P1 , ST100 , PWS01 , GW1600 , DC100 , SBP100

## Description of Operation

This device including a wireless single chip which highly integrated BLE and ANT+ low energy technology with one stand-alone baseband processors to support BLE 5.0 and ANT+

BLE function,

-Frequency range: 2402-2480MHz

-Channel numbers:0~39

-Modulation type: GFSK

-Data rate: 1 Mbps, 2 Mbps Bluetooth® low energy mode

ANT+ function,

-Frequency range: 2456 MHz

-Channel numbers: 1

-Modulation type: GFSK

-Data rate: 1 Mbps ANT+ low energy mode

This device uses 1 antennas which can support dual-band 2.4~2.5 GHz for BLE and ANT+ transceiver.

Antenna gain: -2.88 dBi

The other instruction, please refer to the manual.

FCC ID : TM6BION-POWER1

### 1. Result

Band	Frequency (MHz)	Conducted Power (dBm)	Conducted Power (mW)	ANT Gain (dBi)	ERP (W)	<§1.1307(b)(3)(i)(B)> Exemption P <sub>th</sub> (mW)	<§1.1307(b)(3)(i)(B)> Exemption considerations
Bluetooth	2402 - 2480	3.07	2.03	-2.88	0.001	3060.00	MPE evaluation is not required.