Shenzhen Toby Technology Co., Ltd.

Report No.: TB-MPE166667

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RF Exposure Evaluation FCC ID: 2ASHI-DT88

1. Client Information

| Applicant | : | SHENZHEN XINKEYING DIGITAL CO., LIMITED | | | |
|--------------|---|---|--|--|--|
| Address | : | Room 17i, Block A, HuaQiang Square, HuaQiang North Road, Futian District, Shenzhen, China | | | |
| Manufacturer | : | SHENZHEN XINKEYING DIGITAL CO., LIMITED | | | |
| Address | | Room 17I, Block A, Huaqiang Square, HuaQiang North Road, FuTian District, Shenzhen, China | | | |

2. General Description of EUT

| EUT Name | | Outdoor Sports Watch | | | |
|------------------------|---|--|--------------------------|--|--|
| Models No. | : | DT88,DT08,DT18,DT68,DT98,C15,C16,C19 | | | |
| Model Difference | : | All these models are the same PCB, layout and electrical circuit, the only different is model. | | | |
| Product | | Operation Frequency: | Bluetooth: 2402~2480 MHz | | |
| Description | | RF Output Power: | BLE: -1.197 dBm(Max) | | |
| | | Antenna Gain: | -0.89dBi wire Antenna | | |
| Power Supply | | DC Voltage Supply from USB Cable. DC Voltage supplied by Li-ion battery. | | | |
| Power Rating | K | Input: 5VDC 3.7V by 150mAh Li-ion battery | | | |
| Software Version | | N/A | | | |
| Hardware Version | 3 | V1.1 | | | |
| Connecting I/O Port(S) | 6 | Please refer to the User's Manual | | | |

Note: More test information about the EUT please refer the RF Test Report.

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SAR Test Exclusion Calculations

1. FCC: According to KDB 447498 D01 Mobile and Portable Devices RF Exposure Procedures and Equipment Authorization Policies v06.

- (1) Clause 4.3: General SAR test reduction and exclusion guidance Sub clause 4.31: Standalone SAR test exclusion considerations
 - 1)The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6GHz at test separation distance≤5 mm are determined by:

[(max. power of channel, including tune-up tolerance, mW)/(min. test separation, mm)]*[$\sqrt{f_{(GHz)}}$] \leq 3.0 for 1-g SAR

[(max. power of channel, including tune-up tolerance, mW)/(min. test separation, mm)]*[$\sqrt{f_{(GHz)}}$] \leq 7.5.0 for 10-g SAR



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2. Calculation:

| Test separation: 5mm | | | | | | | | | | |
|----------------------|-----------------------------|------------------------------------|--|-------------------------------------|----------------------|---------------------|--|--|--|--|
| BLE Mode (GFSK) | | | | | | | | | | |
| Frequency (GHz) | Conducted Power (dBm) | Turn-up Power Tolerance (dB) | Max power of tune up tolerance (dbm) | Max power of tune up tolerance (mw) | Calculation Value | Threshol d Value | | | | |
| 2.402 | -2.746 | -2±1 | -1 | 0.794 | 0.246 | 3.0 | | | | |
| 2.442 | -1.628 | -2±1 | -1 | 0.794 | 0.248 | 3.0 | | | | |
| 2.480 | -1.197 | -2±1 | -1 | 0.794 | 0.250 | 3.0 | | | | |

| Test separation: 5mm | | | | | |
|----------------------------------|-----------------|--|--|--|--|
| The worst RF Exposure Evaluation | | | | | |
| Worst Calculation Value | Threshold Value | | | | |
| 0.248 | 3.0 | | | | |

The worst RF Exposure Evaluation is $0.248 / cm^2 < limit 3.0$, So standalone SAR measurements are not required.

----END OF REPORT----