

## Operation description

- A. Product name : Moto Watch 200
- B. Model : MOSWZ200
- C. Basic hardware specifications and functional features
  - a) Screen parameters: 1.78 inch, 348\*422 Resolution
  - b) size (including battery): 45.8\*38.2\*10.65mm
  - c) Weight (including batteries): 44.2g
  - d) antenna: Ceramic antenna, 3.45 dBi
  - e) Nominal battery capacity: 355mAh
  - f) hardware version: V1.1
  - g) Radio chipset: NRF5340 for BLE, RTL8763BW for BT
  - h) Support GNSS function

| <b>Technical Specification of Classic Bluetooth</b>    |                                |
|--|--------------------------------|
| Bluetooth Core Version                                 | Bluetooth 5.0                  |
| Operating Frequency band                               | 2402 ~ 2480 MHz                |
| Channel Number   | 79 channels                    |
| Channel separation                                     | 1MHz                           |
| Modulation   | GFSK, 8DPSK, $\pi/4$ DQPSK     |
| Antenna Type   | Ceramic antenna                |
| Antenna Gain   | 3.45 dBi                       |
| <b>Technical Specification of Bluetooth Low Energy</b> |                                |
| Bluetooth Core Version                                 | Bluetooth 5.2                  |
| Operating Frequency band                               | 2402 ~ 2480 MHz                |
| Channel Number   | 40 channels                    |
| Channel separation                                     | 2MHz                           |
| Data rate  | 125kbps, 500kbps, 1Mbps, 2Mbps |
| Modulation   | GFSK                           |
| Antenna Type   | Ceramic antenna                |
| Antenna Gain   | 3.45 dBi                       |

BLE and Classic Bluetooth can't operate at same time.

| Technical Specification of GNSS |  |
|---------------------------------|--|
| Characteristics                 | Description  |
| Supported GNSS and GNSS signals | BDS <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> B1: 1559 to 1610MHz (Operating Frequency:1561.098MHz)</li> <li><input type="checkbox"/> B2a: 1164 to 1215 MHz</li> <li><input type="checkbox"/> B1c: 1559 to 1610MHz</li> </ul>                 |
|                                 | Galileo <ul style="list-style-type: none"> <li><input type="checkbox"/> E1: 1559 to 1610MHz</li> <li><input type="checkbox"/> E5a: 1164 to 1215 MHz</li> <li><input type="checkbox"/> E5b: 1164 to 1215 MHz</li> <li><input type="checkbox"/> E6: 1215 to 1 300 MHz</li> </ul> |
|                                 | GLONASS <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> G1: 1559 to 1610 MHz(Operating Frequency: 1602MHz)</li> <li><input type="checkbox"/> G2: 1215 to 1300 MHz</li> </ul>  |
|                                 | GPS <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> L1: 1559 to 1610 MHz (Operating Frequency:1575.42MHz)</li> <li><input type="checkbox"/> L2: 1215 to 1300 MHz</li> <li><input type="checkbox"/> L5: 1164 to 1215 MHz</li> </ul>                  |
|                                 | SBAS <ul style="list-style-type: none"> <li><input type="checkbox"/> L1: 1559 to 1610 MHz</li> <li><input type="checkbox"/> L5: 1164 to 1215 MHz</li> </ul>  |
| Antenna Type                    | <input checked="" type="checkbox"/> Integral (permanent fixed antenna, which may be built-in, designed as an indispensable part of EUT)<br><input type="checkbox"/> Dedicated (removable antenna supplied with EUT, designed as an indispensable part of EUT)                  |