

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

Technical Specification of Classic Bluetooth	
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
Technical Specification of Bluetooth Low Energy	
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	☒ B1I: 1559 to 1610MHz (Operating Frequency:1561.098MHz) ☐ B2a: 1164 to 1215 MHz ☐ B1c: 1559 to 1610MHz
	Galileo	☐ E1: 1559 to 1610MHz ☐ E5a: 1164 to 1215 MHz ☐ E5b: 1164 to 1215 MHz ☐ E6: 1215 to 1 300 MHz
	GLONASS	☒ G1: 1559 to 1610 MHz(Operating Frequency: 1602MHz) ☐ G2: 1215 to 1300 MHz
	GPS	☒ L1: 1559 to 1610 MHz (Operating Frequency:1575.42MHz) ☐ L2: 1215 to 1300 MHz ☐ L5: 1164 to 1215 MHz
	SBAS	☐ L1: 1559 to 1610 MHz ☐ L5: 1164 to 1215 MHz
Antenna Type	☒ Integral (permanent fixed antenna, which may be built-in, designed as an indispensable part of EUT) ☐ Dedicated (removable antenna supplied with EUT, designed as an indispensable part of EUT)	