

Operating instructions

The EUT is working base on the RF chipset used for SR3593A (Crystal: X400 26MHz), and MCU chipset UWS6137 MCU More wireless technology information is as follows:

Product Name:	smart watch
Trade Mark:	MYM
Model Number:	B1 Ultra
Test Model:	B1 Ultra
Model Difference	N/A
Operation Frequency:	2412~2462 MHz for 802.11b/g/nHT20
Channel numbers:	11 Channels for 802.11b/g/n(HT20)
Channel separation:	5MHz
Modulation technology:	802.11b: DSSS (CCK, DQPSK, DBPSK) 802.11g/n(20): OFDM(QPSK, BPSK, 16-QAM, 64-QAM)
Rate of Transmitter	802.11b: 11/5.5/2/1Mbps 802.11g: 54/48/36/24/18/12/9/6Mbps 802.11n: up to 150Mbps
Antenna Type:	Internal Antenna
Antenna gain:	-0.4 dBi
Power Supply:	DC 5V DC 3.85V from battery
Operation Frequency:	GSM 850: Tx: 824.20 - 848.80MHz; Rx: 869.20 - 893.80MHz GSM1900: Tx: 1850.20 - 1909.80MHz; Rx: 1930.20 - 1989.80MHz WCDMA Band 2: Tx: 1850.00 - 1910.00MHz; Rx: 1930.00 - 1990.00MHz WCDMA Band 5: Tx: 824.00 - 849.00MHz; Rx: 869.00 - 894.00MHz LTE Band 2: Tx: 1850.00 - 1910.00MHz; Rx: 1930.00 - 1990.00MHz LTE Band 4: Tx: 1710.00 - 1755.00MHz; Rx: 2110.00 - 2155.00MHz LTE Band 5: Tx: 824.00 - 849.00MHz; Rx: 869.00 - 894.00MHz LTE Band 12: Tx: 699.00 - 716.00MHz; Rx: 729.00 - 746.00MHz LTE Band 17: Tx: 704.00 - 716.00MHz; Rx: 734.00 - 746.00MHz LTE Band 66: Tx: 1710.00 - 1780.00MHz; Rx: 2110.00 - 2200.00MHz
Modulation technology:	GSM Mode with GMSK Modulation WCDMA Mode with BPSK Modulation HSDPA Mode with QPSK, 16QAM Modulation HSUPA Mode with QPSK, 16QAM Modulation LTE Mode with QPSK, 16QAM
Antenna Type:	Internal Antenna

Antenna gain:	GSM850: -4.9dBi, GSM1900:-3.3dBi, WCDMA Band 2: -3.3dBi, WCDMA Band 5: -4.9dBi LTE Band 2: -3.3dBi, LTE Band 4: -5.6dBi, LTE Band 5: -4.9dBi, LTE Band 12: -3.3dBi, LTE Band 17: -3.3dBi, LTE Band 66: -5.6dBi
Power supply:	DC 5V from adapter DC 3.85V from battery
LTE Category	4
Hardware Version	HV1.0
Software Version	SV1.0
Operation Frequency:	2402~2480MHz
Channel numbers:	40 Channels
Channel separation:	2MHz
Data Rate:	1Mbps
Modulation technology:	GFSK
Antenna Type:	Internal Antenna
Antenna gain:	-0.4 dBi
Operation Frequency:	2402~2480MHz
Channel numbers:	79 Channels
Channel separation:	1/2/3MHz
Modulation technology:	GFSK, $\pi/4$ DQPSK, 8DPSK
Antenna Type:	Internal Antenna
Antenna gain:	-0.4 dBi