

Operating instructions

The EUT is working base on the RF chipset used for MT6177M (GSM/WCDMA/LTE), MT6631N(GPS/WIFI/BT) and MCU chipset MT6358W (PMU Crystal: X800 26MHz), MT6768 MCU More wireless technology information is as follows:

Product Name:	TD-LTE digital mobile phone
Trade Mark:	BLUEFOX
Model Number:	NX1
Model Difference	N/A
Operation Frequency:	2402~2480MHz
Channel numbers:	79 Channels
Channel separation:	1MHz
Modulation technology:	GFSK, $\pi/4$ DQPSK, 8DPSK
Antenna Type:	Internal Antenna
Antenna gain:	0.78dBi
Power supply:	DC 5V from adapter DC 3.8V from battery
Operation Frequency:	2412~2462 MHz for 802.11b/g/nHT20 2422~2452 MHz for 802.11nHT40
Channel numbers:	11 Channels for 802.11b/g/n(HT20) 7 channels for 802.11nHT40
Channel separation:	5MHz
Modulation technology:	802.11b: DSSS (CCK, DQPSK, DBPSK) 802.11g/n(20/40): 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:	0.78dBi
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 7: Tx: 2500.00 -2570.00MHz; Rx:2620.00 - 2690.00MHz 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: 0.2dBi, GSM1900:0.6dBi, WCDMA Band 2: 0.6dBi, WCDMA Band 5: 0.5dBi LTE Band 2: 0.6dBi, LTE Band 4: 0.7dBi, LTE Band 5: 0.2dBi, LTE Band 7: 0.5dBi, LTE Band 12: -0.1dBi, LTE Band 17: 0.65dBi, LTE Band 66: 0.7dBi