

Operation Description

This product is a TABLET with BT/BLE/2.4GWIFI/5GWIFI/2G/3G/4G/NFC/GPS function.

The EUT works on the Chip WCN3680B (Crystal:48MHz); PM8953 (Crystal: 19.2MHz); FE1.1s-BQFN24BT(Crystal: 12MHz)

Detail as follows

EUT	: TABLET
Test Model	: TBA
Power Supply	: Input: DC 5V, 3A DC 3.8V by Rechargeable Li-ion Battery, 11100mAh
Hardware Version	: HW_V1.0
Software Version	: Android10_TBA_V1_0
Bluetooth	:
Frequency Range	: 2402MHz ~ 2480MHz
Chanel Number	: 79 channels for Bluetooth V5.0(DSS) 40 channels for Bluetooth V5.0 (DTS)
Chanel Spacing	: 1MHz for Bluetooth V5.0 (DSS) 2MHz for Bluetooth V5.0 (DTS)
Modulation Type	: GFSK, $\pi/4$ -DQPSK, 8-DPSK for Bluetooth V5.0(DSS) GFSK for Bluetooth V5.0 (DTS)
Bluetooth Version	: V5.0
Antenna Description	: Internal Antenna, 1.5dBi (max.)
WIFI(2.4G Band)	:
Frequency Range	: 2412MHz ~ 2462MHz
Channel Spacing	: 5MHz
Channel Number	: 11 Channels for 20MHz bandwidth (2412~2462MHz) 7 Channels for 40MHz bandwidth (2422~2452MHz)
Modulation Type	: IEEE 802.11b: DSSS (CCK, DQPSK, DBPSK) IEEE 802.11g: OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE 802.11n: OFDM (64QAM, 16QAM, QPSK, BPSK)
Antenna Description	: Internal Antenna, 1.5dBi (max.)
5.2G WLAN	:
Frequency Range	: 5180MHz-5240MHz
Channel Number	: 4 channels for 20MHz bandwidth(5180MHz-5240MHz)

	2 channels for 40MHz bandwidth(5190MHz~5230MHz) 1 channels for 80MHz bandwidth(5210MHz)
Modulation Type	: IEEE 802.11a/n/ac: OFDM (256QAM, 64QAM, 16QAM, QPSK, BPSK)
Antenna Description	: Internal Antenna, 1.5dBi (max.)
5.8G WLAN	:
Frequency Range	: 5745MHz-5825MHz
Channel Number	: 5 channels for 20MHz bandwidth(5745MHz-5825MHz) 2 channels for 40MHz bandwidth(5755MHz~5795MHz) 1 channels for 80MHz bandwidth(5775MHz)
Modulation Type	: IEEE 802.11a/n/ac: OFDM (256QAM, 64QAM, 16QAM, QPSK, BPSK)
Antenna Description	: Internal Antenna, 1.5dBi (max.)
2G	:
Support Band	: ☒ GSM 900 (EU-Band) ☒ DCS 1800 (EU-Band) ☒ GSM 850 (U.S.-Band) ☒ PCS 1900 (U.S.-Band)
Release Version	: R99
GPRS Class	: Class 12
EGPRS Class	: Class 12
Type Of Modulation	: GMSK for GSM/GPRS; 8PSK for EGPRS
Antenna Description	: Internal Antenna 1.5dBi (max.) For GSM 850 1.5dBi (max.) For PCS 1900
3G	:
Support Band	: ☒ WCDMA Band II (U.S.-Band) ☒ WCDMA Band V (U.S.-Band) ☐ WCDMA Band IV (U.S.-Band) ☒ WCDMA Band I (EU-Band) ☒ WCDMA Band VIII (EU-Band)
Release Version	: R6
Type Of Modulation	: QPSK,16QAM
Antenna Description	: Internal Antenna 1.5dBi (max.) For WCDMA Band II 1.5dBi (max.) For WCDMA Band V
LTE	:
Support Band	: ☒ E-UTRA Band 2(U.S.-Band) ☒ E-UTRA Band 4(U.S.-Band) ☒ E-UTRA Band 5(U.S.-Band) ☒ E-UTRA Band 7(U.S.-Band) ☒ E-UTRA Band 12(U.S.-Band) ☒ E-UTRA Band 13(U.S.-Band)

	☒ E-UTRA Band 17(U.S.-Band) ☒ E-UTRA Band 38(U.S.-Band) ☒ E-UTRA Band 41(U.S.-Band) ☒ E-UTRA Band 66(U.S.-Band)
LTE Release Version	: R8
Type Of Modulation	: QPSK/16QAM
Antenna Description	: Internal Antenna 1.5dBi (max.) For E-UTRA Band 2 1.5dBi (max.) For E-UTRA Band 4 1.5dBi (max.) For E-UTRA Band 5 1.5dBi (max.) For E-UTRA Band 7 1.5dBi (max.) For E-UTRA Band 12 1.5dBi (max.) For E-UTRA Band 13 1.5dBi (max.) For E-UTRA Band 17 1.5dBi (max.) For E-UTRA Band 38 1.5dBi (max.) For E-UTRA Band 41 1.5dBi (max.) For E-UTRA Band 66
Power Class	: Class 3
GPS function	: Support and only RX
NFC	:
Operating Frequency	: 13.56MHz
Modulation Type	: ASK
Antenna Description	: Internal Antenna, 1.5dBi (Max.)
Extreme temp.	: -30 ℃ to +50 ℃
Tolerance	
Extreme vol. Limits	: 3.3VDC to 4.35VDC (nominal: 3.8VDC)