

Antenna specification

1. Maximum antenna gain

WWAN antenna:

Band	Tx
B2 (WCDMA/LTE)	-2.9 dBi
B4 (WCDMA/LTE)	-4.9 dBi
B5 (WCDMA/LTE)	-4.8 dBi
B7 (LTE)	-1.8 dBi
B12 (LTE)	-5.6 dBi
B13 (LTE)	-5.3 dBi
B17 (LTE)	-5.6 dBi
B38 (LTE)	-1.9 dBi
B41 (LTE)	-1.9 dBi

WLAN antenna:

Band (MHz)	ANT4	ANT8
2412-2472	-2.7 dBi	0.0 dBi
5150-5250	-2.5 dBi	-2.9 dBi
5250-5350	-3.6 dBi	-2.4 dBi
5470-5725	-3.8 dBi	-1.6 dBi
5725-5850	-1.9 dBi	-0.9 dBi

Bluetooth antenna:

Band (MHz)	ANT8
2402-2480	0.0 dBi

NFC antenna:

Band (MHz)	ANT8
13.56	-49.8 dBi

6. Type of antenna : All antenna: PIFA