

Antenna specification

1. Antenna location drawing

See the following documents:

- 10-1_OperationalDescription_Antenna Drawing_APYHRO00328.pdf
- 10-2_OperationalDescription_Antenna Drawing_NFC_APYHRO00328.pdf

2. Working principle of multiple antennas

2.1 Antenna Diversity: None.

2.2 Power Mode: None.

3. Maximum antenna gain

WWAN antenna:

Band	Tx(Etotal)
B2 (WCDMA/LTE)	-2.3 dBi
B5 (WCDMA/LTE)	-8.5 dBi
B12 (LTE)	-10.9 dBi
B17 (LTE)	-10.9 dBi
B38(LTE)	-3.3 dBi
B41 (LTE/NR)	-3.1 dBi
GSM850	-5.2 dBi
GSM1900	-2.3 dBi

WLAN antenna:

Band (MHz)	Tx(Etotal)
2412-2472	-1.3 dBi
5150-5250	-4.1 dBi
5250-5350	-2.4 dBi
5470-5725	-0.1 dBi
5725-5850	-0.8 dBi

Bluetooth antenna:

Band (MHz)	Tx(Etotal)
2402-2480	-1.3 dBi

4. Maximum beamforming gain

Don' t use beamforming technology.

5. The state of antenna simultaneous transmission

See the following documents :

- 16_Simultaneous_Tx_Combination_List_APYHRO00328.pdf

Note : WiFi 2.4GHz and BT are time-division exclusive control, so they will not operate at the same time.

6. Type of antenna

All antenna: PIFA