

Antenna specification

1. Antenna location drawing

See the following documents:

- 10_Operatioal Description_Antenna Drawing_APYHRO00329.pdf

2. Working principle of multiple antennas

2.1 Antenna Diversity: None.

2.2 Power Mode: None.

3. Maximum antenna gain

WWAN antenna:

Band	Antenna Gain
GSM850	-4.5 dBi
PCS1900	-4.8 dBi
B2 (WCDMA/LTE)	-4.8 dBi
B5 (WCDMA/LTE)	-4.5 dBi
B12 (LTE)	-4.0 dBi
B17 (LTE)	-4.0 dBi
B38 (LTE)	-1.7 dBi
B41 (LTE)	-1.7 dBi

WLAN antenna:

Band (MHz)	ANT3
2412-2472	-5.0 dBi
5150-5250	-2.8 dBi
5250-5350	-2.0 dBi
5470-5725	-0.4 dBi
5725-5850	-2.5 dBi

Bluetooth antenna:

Band (MHz)	ANT3
2412-2472	-5.0 dBi

4. Maximum beamforming gain

Don't use beamforming technology.

5. The state of antenna simultaneous transmission

See the following documents :

- 11_Simultaneous_Tx_Combination_List_APYHRO00329.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