

Antenna specification

1. Antenna location drawing

See the following documents:

- 10_Operational Description_Antenna Drawing_APYHRO00319.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
B2 (WCDMA/LTE)	-3.6 dBi
B5 (WCDMA/LTE)	-5.3 dBi
B12 (LTE)	-10.6 dBi
B17 (LTE)	-10.6 dBi
B38(LTE)	-2.2 dBi
B41 (LTE)	-1.5 dBi
GSM850	-5.8 dBi
GSM1900	-3.6 dBi

WLAN antenna:

Band (MHz)	Tx
2412-2472	-3.1 dBi
5150-5250	-2.3 dBi
5250-5350	-1.4 dBi
5470-5725	0.8 dBi
5725-5850	-1.0 dBi

Bluetooth antenna:

Band (MHz)	Tx
2402-2480	-3.1 dBi

4. Maximum beamforming gain

Don't use beamforming technology.

5. Type of antenna

All antenna: PIFA