

Antenna Gains

Model(s): A3081

Wi-Fi/BT Antenna Gain:

1. Wi-Fi/BT 2.4GHz/ 802.15.4 (**ANT 4**); Type: IFA

Band	Frequency (MHz)	Peak Gain (Horizontal/Vertical) (dBi)
2.4GHz	2412	0.2
	2442	0.3
	2472	0.5

2. Wi-Fi/BT 2.4GHz/ 802.15.4 (**ANT 3**); Type: IFA

Band	Frequency (MHz)	Peak Gain (Horizontal/Vertical) (dBi)
2.4GHz	2412	-1.9
	2442	-1.6
	2472	-1.9

3. Wi-Fi [5GHz/6GHz] / NB UNII/ 802.15.4ab-NB (**ANT 6**); Type: IFA

Band	Frequency (MHz)	Peak Gain (Horizontal/Vertical) (dBi)
U-NII-1	5180	-4.8
U-NII-2A	5260	-3.6
	5320	-2.3
U-NII-2C	5500	-0.5
	5600	-0.7
	5700	-0.5
U-NII-3	5745	-0.3
	5785	-0.2
	5825	-0.3
U-NII-5	5955	0.3
	6075	-1.3
	6135	-1.0
	6255	-0.5
	6375	0.3
U-NII-6	6435	-0.5
U-NII-7	6555	-1.0

Band	Frequency (MHz)	Peak Gain (Horizontal/Vertical) (dBi)
	6675	-1.6
	6735	-1.8
	6855	-2.0
U-NII-8	6975	-2.2
	7035	-1.5
	7115	-2.4

4. Wi-Fi [5GHz/6GHz] / NB UNII/ 802.15.4ab-NB Antenna Gain (**ANT 5**);
Type: IFA

Band	Frequency (MHz)	Peak Gain (Horizontal/Vertical) (dBi)
U-NII-1	5180	-5.0
U-NII-2A	5260	-4.5
	5320	-3.9
U-NII-2C	5500	-3.9
	5600	-3.1
	5700	-2.7
U-NII-3	5745	-2.3
	5785	-2.6
	5825	-2.7
U-NII-5	5955	-2.7
	6075	-2.6
	6135	-2.5
	6255	-2.2
	6375	-2.4
U-NII-6	6435	-2.5
U-NII-7	6555	-1.9
	6675	-2.0
	6735	-2.0
	6855	-2.1
U-NII-8	6975	-3.6
	7035	-3.9
	7115	-5.1