

## Antenna Gains

Model(s): A3083, A3292, A3293, A3294

### 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	0.0
	2442	0.0
	2472	-0.2

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

Band	Frequency (MHz)	Peak Gain (Horizontal/Vertical) (dBi)
2.4GHz	2412	-2.2
	2442	-2.4
	2472	-2.1

#### 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	-0.4
U-NII-2A	5260	-0.5
	5320	0.0
U-NII-2C	5500	-1.1
	5600	-2.2
	5700	-2.1
U-NII-3	5745	-2.0
	5785	-1.9
	5825	-1.2
U-NII-5	5955	0.1
	6075	-0.4
	6135	0.0
	6255	0.9
	6375	1.6
U-NII-6	6435	1.9
U-NII-7	6555	1.6

Band	Frequency (MHz)	Peak Gain (Horizontal/Vertical) (dBi)
	6675	1.8
	6735	2.0
	6855	1.6
U-NII-8	6975	1.0
	7035	0.9
	7115	0.1

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	-4.0
U-NII-2A	5260	-2.6
	5320	-1.5
U-NII-2C	5500	-1.6
	5600	-2.0
	5700	-1.9
U-NII-3	5745	-1.5
	5785	-1.3
	5825	-1.0
U-NII-5	5955	-1.1
	6075	-1.7
	6135	-2.4
	6255	-2.6
	6375	-2.9
U-NII-6	6435	-3.7
U-NII-7	6555	-4.4
	6675	-4.8
	6735	-5.8
	6855	-5.3
U-NII-8	6975	-4.2
	7035	-3.8
	7115	-3.5