

Antenna Gains

Model(s): A3084, A3295, A3296, A3297

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 | -2.0 |
| | 2442 | -2.5 |
| | 2472 | -2.8 |

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

| Band | Frequency (MHz) | Peak Gain (Horizontal/Vertical) (dBi) |
|--------|-----------------|---------------------------------------|
| 2.4GHz | 2412 | -1.7 |
| | 2442 | -2.0 |
| | 2472 | -2.5 |

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 | 0.0 |
| | 5320 | -1.0 |
| U-NII-2C | 5500 | -0.4 |
| | 5600 | -0.7 |
| | 5700 | -0.7 |
| U-NII-3 | 5745 | 0.3 |
| | 5785 | -0.1 |
| | 5825 | 0.1 |
| U-NII-5 | 5955 | -0.2 |
| | 6075 | -1.1 |
| | 6135 | -1.3 |
| | 6255 | -1.2 |
| | 6375 | -2.0 |
| U-NII-6 | 6435 | -1.7 |
| U-NII-7 | 6555 | -2.2 |

| Band | Frequency (MHz) | Peak Gain (Horizontal/Vertical) (dBi) |
|---------|-----------------|---------------------------------------|
| | 6675 | -0.8 |
| | 6735 | -0.3 |
| | 6855 | 0.1 |
| U-NII-8 | 6975 | 0.7 |
| | 7035 | 0.5 |
| | 7115 | -0.2 |

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 | -4.4 |
| U-NII-2A | 5260 | -4.2 |
| | 5320 | -3.4 |
| U-NII-2C | 5500 | -2.9 |
| | 5600 | -2.4 |
| | 5700 | -1.4 |
| U-NII-3 | 5745 | -0.4 |
| | 5785 | -0.6 |
| | 5825 | -0.6 |
| U-NII-5 | 5955 | -1.5 |
| | 6075 | -0.2 |
| | 6135 | 0.2 |
| | 6255 | 0.4 |
| | 6375 | 0.8 |
| U-NII-6 | 6435 | 0.8 |
| U-NII-7 | 6555 | 0.3 |
| | 6675 | -0.8 |
| | 6735 | -1.2 |
| | 6855 | -1.5 |
| U-NII-8 | 6975 | -1.4 |
| | 7035 | -1.8 |
| | 7115 | -2.4 |