

Antenna Gains

Model: A3185

1. WF1 Antenna Gain: PIFA

| Band | Frequency (MHz) | Peak Gain (Horizontal/Vertical) (dBi) |
|----------|-----------------|---------------------------------------|
| 2.4 GHz | 2412 | 3.3 |
| | 2442 | 4.4 |
| | 2472 | 4.8 |
| U-NII-1 | 5180 | 2.6 |
| U-NII-2A | 5260 | 3.3 |
| | 5320 | 3.8 |
| U-NII-2C | 5500 | 2.8 |
| | 5600 | 2.4 |
| | 5700 | 3.3 |
| U-NII-3 | 5745 | 3.9 |
| | 5785 | 4.2 |
| | 5825 | 3.8 |
| U-NII-5 | 5955 | 5.1 |
| | 6075 | 3.8 |
| U-NII-5 | 6135 | 3.4 |
| | 6255 | 2.5 |
| U-NII-5 | 6375 | 1.9 |
| U-NII-6 | 6435 | 3.4 |
| U-NII-7 | 6555 | 3.1 |
| | 6675 | 3.2 |
| | 6735 | 2.4 |
| | 6855 | 1.4 |

| Band | Frequency (MHz) | Peak Gain (Horizontal/Vertical) (dBi) |
|---------|-----------------|---------------------------------------|
| U-NII-8 | 6975 | 0.4 |
| | 7035 | 0.4 |
| | 7115 | 1.1 |

2. WF2 Antenna Gain: PIFA

| Band | Frequency (MHz) | Peak Gain (Horizontal/Vertical) (dBi) |
|----------|-----------------|---------------------------------------|
| 2.4 GHz | 2412 | 4.3 |
| | 2442 | 4.5 |
| | 2472 | 4.5 |
| U-NII-1 | 5180 | 5.9 |
| U-NII-2A | 5260 | 7.0 |
| | 5320 | 7.1 |
| U-NII-2C | 5500 | 3.7 |
| | 5600 | 2.9 |
| | 5700 | 3.4 |
| U-NII-3 | 5745 | 3.3 |
| | 5785 | 4.0 |
| | 5825 | 4.1 |
| U-NII-5 | 5955 | 4.0 |
| | 6075 | 4.5 |
| U-NII-5 | 6135 | 3.9 |
| | 6255 | 4.7 |
| U-NII-5 | 6375 | 5.2 |
| U-NII-6 | 6435 | 4.4 |
| | 6555 | 5.1 |

| Band | Frequency (MHz) | Peak Gain (Horizontal/Vertical) (dBi) |
|---------|-----------------|---------------------------------------|
| U-NII-7 | 6675 | 5.1 |
| | 6735 | 4.6 |
| | 6855 | 4.6 |
| U-NII-8 | 6975 | 3.4 |
| | 7035 | 3.3 |
| | 7115 | 3.4 |

3. WF3 Antenna Gain: PIFA

| Band | Frequency (MHz) | Peak Gain (Horizontal/Vertical) (dBi) |
|---------|-----------------|---------------------------------------|
| 2.4 GHz | 2412 | 4.3 |
| | 2442 | 4.8 |
| | 2472 | 3.8 |