

# Antenna Gains

## Model: A3247

### 1. WF1 Antenna Gain: Inverted F Antenna (IFA)

Band	Frequency (MHz)	Peak Gain (Horizontal/Vertical) (dBi)
2.4 GHz	2412	1.9
	2442	2.6
	2472	2.2
U-NII-1	5180	3.6
U-NII-2A	5260	4.0
	5320	4.6
U-NII-2C	5500	3.1
	5600	2.5
	5700	4.2
U-NII-3	5745	4.3
	5785	4.0
	5825	3.2
U-NII-5	5955	3.1
	6075	2.8
U-NII-5	6135	2.3
	6255	1.7
U-NII-5	6375	3.6
U-NII-6	6435	4.9
U-NII-7	6555	3.7
	6675	2.6
	6735	2.5
	6855	2.5

Band	Frequency (MHz)	Peak Gain (Horizontal/Vertical) (dBi)
U-NII-8	6975	3.9
	7035	3.1
	7115	2.5

## 2. WF2 Antenna Gain: Planar Inverted F Antenna (PIFA)

Band	Frequency (MHz)	Peak Gain (Horizontal/Vertical) (dBi)
2.4 GHz	2412	2.0
	2442	2.3
	2472	1.9
U-NII-1	5180	5.9
U-NII-2A	5260	6.4
	5320	6.3
U-NII-2C	5500	5.6
	5600	4.9
	5700	4.0
U-NII-3	5745	3.6
	5785	4.1
	5825	3.0
U-NII-5	5955	3.7
	6075	4.0
U-NII-5	6135	4.0
	6255	4.2
U-NII-5	6375	4.9
U-NII-6	6435	3.6
	6555	4.3

Band	Frequency (MHz)	Peak Gain (Horizontal/Vertical) (dBi)
U-NII-7	6675	3.8
	6735	3.0
	6855	2.6
U-NII-8	6975	4.1
	7035	4.2
	7115	3.3

3. WF3 Antenna Gain: Inverted F Antenna (IFA)

Band	Frequency (MHz)	Peak Gain (Horizontal/Vertical) (dBi)
2.4 GHz	2412	-0.2
	2442	1.4
	2472	-1.1