

Antenna Gains

Model: A3137

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

Band	Frequency (MHz)	Peak Gain (Horizontal/Vertical) (dBi)
2.4 GHz	2412	2.1
	2442	2.4
	2472	2.2
U-NII-1	5180	4.2
U-NII-2A	5260	3.7
	5320	4.5
U-NII-2C	5500	3.4
	5600	2.3
	5700	4.5
U-NII-3	5745	4.6
	5785	3.3
	5825	3.2
U-NII-5	5955	3.4
	6075	3.2
U-NII-5	6135	2.4
	6255	1.5
U-NII-5	6375	2.9
U-NII-6	6435	4.5
U-NII-7	6555	3.8
	6675	3.3
	6735	2.9
	6855	3.1

Band	Frequency (MHz)	Peak Gain (Horizontal/Vertical) (dBi)
U-NII-8	6975	3.2
	7035	3.1
	7115	2.9

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

Band	Frequency (MHz)	Peak Gain (Horizontal/Vertical) (dBi)
2.4 GHz	2412	1.7
	2442	2.6
	2472	1.9
U-NII-1	5180	5.9
U-NII-2A	5260	6.3
	5320	6.2
U-NII-2C	5500	5.7
	5600	4.8
	5700	4.1
U-NII-3	5745	3.9
	5785	4.0
	5825	3.1
U-NII-5	5955	3.6
	6075	4.4
U-NII-5	6135	4.2
	6255	4.1
U-NII-5	6375	5.7
U-NII-6	6435	4.6
	6555	4.0

Band	Frequency (MHz)	Peak Gain (Horizontal/Vertical) (dBi)
U-NII-7	6675	4.0
	6735	3.3
	6855	2.3
U-NII-8	6975	4.0
	7035	4.4
	7115	3.7

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

Band	Frequency (MHz)	Peak Gain (Horizontal/Vertical) (dBi)
2.4 GHz	2412	-1.6
	2442	0.1
	2472	1.1