

Antenna Gains

Model: A3112

1. WF1 Antenna Gain: Cavity Backed Inverted F Antenna

Band	Frequency (MHz)	Peak Gain (Horizontal/Vertical) (dBi)
2.4 GHz	2412	2.2
	2442	3.6
	2472	4.2
U-NII-1	5180	5.7
U-NII-2A	5260	7.1
	5320	6.0
U-NII-2C	5500	4.8
	5600	4.5
	5700	3.9
U-NII-3	5745	4.0
	5785	3.9
	5825	3.7
U-NII-5	5955	3.2
	6075	2.6
U-NII-5	6135	3.7
	6255	2.0
U-NII-5	6375	2.4
U-NII-6	6435	2.7
U-NII-7	6555	3.8
	6675	3.2
	6735	2.9
	6855	0.9

Band	Frequency (MHz)	Peak Gain (Horizontal/Vertical) (dBi)
U-NII-8	6975	0.9
	7035	1.0
	7115	1.3

2. WF2 Antenna Gain: Cavity Backed Inverted F Antenna

Band	Frequency (MHz)	Peak Gain (Horizontal/Vertical) (dBi)
2.4 GHz	2412	3.7
	2442	4.6
	2472	4.5
U-NII-1	5180	5.8
U-NII-2A	5260	7.0
	5320	7.2
U-NII-2C	5500	4.8
	5600	4.4
	5700	5.2
U-NII-3	5745	5.5
	5785	6.1
	5825	6.2
U-NII-5	5955	5.0
	6075	5.2
U-NII-5	6135	5.4
	6255	5.5
U-NII-5	6375	6.1
U-NII-6	6435	6.0
	6555	6.4

Band	Frequency (MHz)	Peak Gain (Horizontal/Vertical) (dBi)
U-NII-7	6675	6.4
	6735	5.4
	6855	4.8
U-NII-8	6975	4.1
	7035	4.1
	7115	3.8

3. WF3 Antenna Gain: Cavity Backed Inverted F Antenna

Band	Frequency (MHz)	Peak Gain (Horizontal/Vertical) (dBi)
2.4 GHz	2412	4.2
	2442	4.3
	2472	3.3