

Antenna Gains

Model: A3239

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

Band	Frequency (MHz)	Peak Gain (Horizontal/Vertical) (dBi)
2.4 GHz	2412	1.0
	2442	1.0
	2472	1.8
U-NII-1	5180	4.0
U-NII-2A	5260	4.7
	5320	4.6
U-NII-2C	5500	3.5
	5600	2.7
	5700	3.2
U-NII-3	5745	2.3
	5785	3.0
	5825	3.1
U-NII-5	5955	3.2
	6075	3.5
U-NII-5	6135	2.9
	6255	1.8
U-NII-5	6375	1.0
U-NII-6	6435	0.9
U-NII-7	6555	1.0
	6675	0.8
	6735	-0.2
	6855	-0.4

Band	Frequency (MHz)	Peak Gain (Horizontal/Vertical) (dBi)
U-NII-8	6975	-0.3
	7035	1.2
	7115	1.6

2. WF2 Antenna Gain: Cavity Backed Inverted F Antenna (IFA)

Band	Frequency (MHz)	Peak Gain (Horizontal/Vertical) (dBi)
2.4 GHz	2412	0.7
	2442	0.6
	2472	1.1
U-NII-1	5180	4.0
U-NII-2A	5260	4.6
	5320	4.5
U-NII-2C	5500	3.7
	5600	2.7
	5700	3.0
U-NII-3	5745	2.4
	5785	2.8
	5825	3.3
U-NII-5	5955	3.3
	6075	3.6
U-NII-5	6135	2.9
	6255	1.8
U-NII-5	6375	0.6
U-NII-6	6435	0.4
	6555	0.2

Band	Frequency (MHz)	Peak Gain (Horizontal/Vertical) (dBi)
U-NII-7	6675	0.9
	6735	-0.4
	6855	-0.6
U-NII-8	6975	0.0
	7035	0.4
	7115	0.4

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

Band	Frequency (MHz)	Peak Gain (Horizontal/Vertical) (dBi)
2.4 GHz	2412	0.2
	2442	-0.4
	2472	-0.8