

Antenna Gains

Model(s): A3256

Wi-Fi/BT Antenna Gain:

1. Wi-Fi/BT 2.4GHz/ 802.15.4 (**ANT 2**); Type: IFA

Band	Frequency (MHz)	Peak Gain (Horizontal/Vertical) (dBi)
2.4GHz	2412	-4.4
	2442	-4.1
	2472	-3.8

2. Wi-Fi/BT 2.4GHz/ 802.15.4 (**ANT 1**); Type: IFA

Band	Frequency (MHz)	Peak Gain (Horizontal/Vertical) (dBi)
2.4GHz	2412	-2.4
	2442	-2.2
	2472	-1.8

3. Wi-Fi [5GHz/6GHz] / NB UNII/ 802.15.4ab-NB (**ANT 6**); Type: PIFA

Band	Frequency (MHz)	Peak Gain (Horizontal/Vertical) (dBi)
U-NII-1	5180	-4.0
U-NII-2A	5260	-2.8
	5320	-3.1
U-NII-2C	5500	-1.1
	5600	0
	5700	0
U-NII-3	5745	0.1
	5785	0.7
	5825	-0.1
U-NII-5	5955	1.6
	6075	3.5
	6135	4.1
	6255	3.0
	6375	2.2
U-NII-6	6435	1.5
U-NII-7	6555	1

Band	Frequency (MHz)	Peak Gain (Horizontal/Vertical) (dBi)
	6675	1.3
	6735	1.3
	6855	1.9
U-NII-8	6975	3.5
	7035	3.5
	7115	3.7

4. Wi-Fi [5GHz/6GHz] / NB UNII/ 802.15.4ab-NB Antenna Gain (**ANT 5**);
Type: PIFA

Band	Frequency (MHz)	Peak Gain (Horizontal/Vertical) (dBi)
U-NII-1	5180	-6.2
U-NII-2A	5260	-7.3
	5320	-6.4
U-NII-2C	5500	-5.4
	5600	-5.1
	5700	-5.4
U-NII-3	5745	-7.3
	5785	-6.8
	5825	-6.4
U-NII-5	5955	-6.2
	6075	-4.9
	6135	-7.1
	6255	-6.6
	6375	-6.8
U-NII-6	6435	-6.5
U-NII-7	6555	-7.0
	6675	-7.0
	6735	-7.6
	6855	-8.1
U-NII-8	6975	-9.2
	7035	-9.5
	7115	-8.2