

Antenna Gains

Model(s): A3257, A3525, A3526, A3527

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	-1.3
	2442	-1.3
	2472	-1.1

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

Band	Frequency (MHz)	Peak Gain (Horizontal/Vertical) (dBi)
2.4GHz	2412	-4.1
	2442	-3.6
	2472	-3.1

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	3.1
U-NII-2A	5260	3.5
	5320	3.4
U-NII-2C	5500	2.7
	5600	2.1
	5700	2.1
U-NII-3	5745	2.3
	5785	2.1
	5825	2.0
U-NII-5	5955	1.8
	6075	2.0
	6135	2.2
	6255	2.8
	6375	2.2
U-NII-6	6435	1.6
U-NII-7	6555	0.5

Band	Frequency (MHz)	Peak Gain (Horizontal/Vertical) (dBi)
	6675	0.2
	6735	1.2
	6855	2.1
U-NII-8	6975	2.3
	7035	2.0
	7115	2.4

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	-6.9
U-NII-2A	5260	-7.5
	5320	-7.6
U-NII-2C	5500	-5.6
	5600	-4.9
	5700	-4.8
U-NII-3	5745	-4.8
	5785	-5.1
	5825	-5.0
U-NII-5	5955	-5.4
	6075	-6.0
	6135	-6.0
	6255	-6.3
	6375	-7.1
U-NII-6	6435	-7.5
U-NII-7	6555	-8.1
	6675	-7.4
	6735	-7.8
	6855	-7.4
U-NII-8	6975	-6.5
	7035	-5.7
	7115	-5.9