

# Antenna Gains

Model: A2632\_A2885\_A2886\_A2887\_A2888

## WiFi/BT Antenna Gain:

### 1. WiFi/BT 2.4GHz (**ANT 3**), IFA Antenna

Frequency (MHz)	Horizontal (dBi)	Vertical (dBi)
2412	-3.4	-2.2
2442	-2.9	-2.1
2472	-3.1	-1.9

### 2. WiFi/BT 2.4GHz (**ANT 4**), IFA Antenna

Frequency (MHz)	Horizontal (dBi)	Vertical (dBi)
2412	-4.5	-3.1
2442	-3.5	-2.3
2472	-3.4	-2.4

### 3. WiFi 5GHz Antenna Gain (**ANT5**), PIFA Antenna

Frequency (MHz)	Horizontal (dBi)	Vertical (dBi)
5180	-2.6	-1.2
5260	-2.1	-1.0
5320	-3.9	-0.4
5500	-4.5	-2.5
5600	-4.0	-2.7

Frequency (MHz)	Horizontal (dBi)	Vertical (dBi)
5700	-4.1	-3.7
5745	-3.7	-3.0
5785	-2.7	-1.7
5825	-3.4	-2.5

4. WiFi 5 GHz Antenna Gain (**ANT 6**), IFA Antenna

Frequency (MHz)	Horizontal (dBi)	Vertical (dBi)
5180	-4.6	-5.9
5260	-5.3	-6.4
5320	-5.2	-5.2
5500	-4.8	-3.9
5600	-3.4	-2.7
5700	-3.3	-5.1
5745	-4.2	-5.2
5785	-3.7	-5.3
5825	-4.4	-5.1

Model: A2649\_A2881\_A2882\_A2883\_A2884

## WiFi/BT Antenna Gain:

### 1. WiFi/BT 2.4GHz (**ANT 3**), IFA Antenna

Frequency (MHz)	Horizontal (dBi)	Vertical (dBi)
2412	-1.9	-0.9
2442	-1.8	-0.8
2472	-2.0	-1.1

### 2. WiFi/BT 2.4GHz (**ANT 4**), IFA Antenna

Frequency (MHz)	Horizontal (dBi)	Vertical (dBi)
2412	-2.3	-2.5
2442	-2.1	-2.5
2472	-5.7	-2.0

### 3. WiFi 5GHz Antenna Gain (**ANT5**), PIFA Antenna

Frequency (MHz)	Horizontal (dBi)	Vertical (dBi)
5180	-5.3	-7.0
5260	-3.9	-6.0
5320	-3.4	-5.6
5500	-1.1	-3.5
5600	-1.0	-5.2
5700	-2.1	-4.9

Frequency (MHz)	Horizontal (dBi)	Vertical (dBi)
5745	-3.0	-5.4
5785	-2.9	-5.9
5825	-3.3	-4.4

#### 4. WiFi 5 GHz Antenna Gain (**ANT 6**), IFA Antenna

Frequency (MHz)	Horizontal (dBi)	Vertical (dBi)
5180	-4.4	-3.4
5260	-4.9	-3.9
5320	-4.6	-4.1
5500	-4.6	-2.7
5600	-6.4	-4.1
5700	-6.4	-4.0
5745	-7.6	-3.8
5785	-5.3	-4.2
5825	-5.4	-3.9

Model: A2650\_A2889\_A2890\_A2891\_A2892

## WiFi/BT Antenna Gain:

### 1. WiFi/BT 2.4GHz (**ANT 3**), IFA Antenna

Frequency (MHz)	Horizontal (dBi)	Vertical (dBi)
2412	-1.9	0.4
2442	-1.5	0.5
2472	-1.6	0.6

### 2. WiFi/BT 2.4GHz (**ANT 4**), IFA Antenna

Frequency (MHz)	Horizontal (dBi)	Vertical (dBi)
2412	-1.8	-3.4
2442	-3.5	-3.3
2472	-4.4	-3.5

### 3. WiFi 5GHz Antenna Gain (**ANT5**), PIFA Antenna

Frequency (MHz)	Horizontal (dBi)	Vertical (dBi)
5180	-6.7	-2.0
5260	-5.4	-1.6
5320	-4.8	-1.0
5500	-2.7	-2.0
5600	-3.4	-1.3
5700	-2.8	-1.7
5745	-4.3	-1.5

Frequency (MHz)	Horizontal (dBi)	Vertical (dBi)
5785	-3.3	-1.8
5825	-4.6	-1.2

#### 4. WiFi 5 GHz Antenna Gain (**ANT 6**), IFA Antenna

Frequency (MHz)	Horizontal (dBi)	Vertical (dBi)
5180	-4.9	-2.9
5260	-4.8	-2.5
5320	-5.6	-2.2
5500	-5.5	-0.9
5600	-4.2	-1.2
5700	-6.8	-1.1
5745	-6.6	-1.0
5785	-5.4	-0.6
5825	-4.7	-0.5

Model: A2651\_A2893\_A2894\_A2895\_A2896

## WiFi/BT Antenna Gain:

### 1. WiFi/BT 2.4GHz (**ANT 3**), IFA Antenna

Frequency (MHz)	Horizontal (dBi)	Vertical (dBi)
2412	-2.0	-1.2
2442	-2.6	-1.1
2472	-3.3	-1.2

### 2. WiFi/BT 2.4GHz (**ANT 4**), IFA Antenna

Frequency (MHz)	Horizontal (dBi)	Vertical (dBi)
2412	-4.6	-1.1
2442	-3.6	-1.0
2472	-3.7	-1.3

### 3. WiFi 5GHz Antenna Gain (**ANT5**), PIFA Antenna

Frequency (MHz)	Horizontal (dBi)	Vertical (dBi)
5180	-3.1	-4.2
5260	-2.9	-4.3
5320	-1.7	-4.6
5500	-1.2	-3.8
5600	-1.8	-4.7
5700	-3.3	-6.7

Frequency (MHz)	Horizontal (dBi)	Vertical (dBi)
5745	-3.0	-7.2
5785	-2.4	-5.1
5825	-2.7	-4.6

4. WiFi 5 GHz Antenna Gain (**ANT 6**), IFA Antenna

Frequency (MHz)	Horizontal (dBi)	Vertical (dBi)
5180	-3.5	-3.5
5260	-4.7	-2.1
5320	-5.1	-1.7
5500	-5.5	-1.6
5600	-5.5	-3.6
5700	-4.6	-4.1
5745	-3.7	-4.6
5785	-3.2	-2.3
5825	-3.4	1.2