

## SMW-414

Multi-band Surface Mount Antenna with GPS

694-960 & 1710-3700 MHz (Global LTE)

2.4 & 4.9-6.0 GHz (WIFI)

2.1-2.5 & 4.4-6.0 GHz (WIFI)

## Peak Gain vs. Frequency

Measured with 1Ft. LL-195 on 1Ft. Ground Plane

2.1-2.5/4.4-6.0 GHz	
FREQUENCY	MAX dbi
2100	3.50
2200	3.66
2300	4.09
2400	5.33
2500	7.31
2600	6.97
2700	6.65
4400	2.49
4500	2.88
4600	5.48
4700	5.06
4800	3.71
4900	4.39
5000	2.94
5100	2.42
5200	2.07
5300	2.82
5400	2.91
5500	3.87
5600	4.81
5700	5.32
5800	5.98
5900	7.35
6000	9.23

2.4-2.5 & 4.9-5.0 GHz	
FREQ	MAX
2400.00	6.56
2500.00	7.90
2600.00	6.70
2700.00	6.01
4900.00	8.89
5000.00	6.99
5100.00	6.13
5200.00	7.21
5300.00	9.06
5400.00	8.59
5500.00	10.08
5600.00	9.45
5700.00	7.52
5800.00	8.43
5900.00	9.22
6000.00	5.63

695-960 & 1710-1990 MHz	
FREQ	MAX
700	1.60
751	2.40
818	3.65
885	3.54
952	1.67
1705	3.96
1794	3.14
1852	2.48
1947	2.66
1985	2.17
2099	2.96
2175	3.28
2404	5.22
2423	6.03
2442	6.15
2499	6.62
2595	5.77
2690	6.69
3395	2.48
3604	7.67
3699	7.57