

Antenna-Roof-LG

Cellular Electrical Performance

Frequency (MHz)	704	734	756	768	787	824	868
Peak Gain (dBi)	-0.12	4.75	5.62	5.04	4.67	3.87	4.21
Avg. Gain (dBi)	-4.6	-0.87	-0.2	-0.26	-0.67	-1.71	-2.82
Efficiency (%)	36.64	81.81	95.59	94.19	85.73	67.45	52.3

Polarization Linear

Frequency (MHz)	880	915	960	1710	1785	1805	1850
Peak Gain (dBi)	4.17	4.41	3.91	-1.76	-1.14	-0.46	0.82
Avg. Gain (dBi)	-2.84	-2.64	-2.34	-6.69	-6.04	-5.54	-4.12
Efficiency (%)	52.06	54.45	58.32	21.43	25.08	27.92	38.75

Polarization Linear

Frequency (MHz)	1880	1920	1990	2110	2140	2170	2300
Peak Gain (dBi)	-0.2	-0.07	1.16	-0.01	1.33	0.72	-0.62
Avg. Gain (dBi)	-4.44	-4.33	-3.45	-5.4	-4.74	-4.77	-6.08
Efficiency (%)	36.01	36.88	45.18	28.83	33.59	33.32	24.66

Polarization Linear

Frequency (MHz)	2400	2500	2570	2620	2690
Peak Gain (dBi)	1.44	2.3	1.28	1.47	1.48
Avg. Gain (dBi)	-4.97	-4.52	-5.44	-4.89	-4.83
Efficiency (%)	31.84	35.29	28.61	32.42	32.86

Polarization Linear