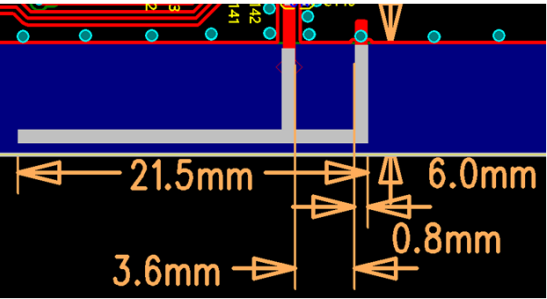


Antenna Size



Antenna manufacturer: Dongguan HC Technology Co., Ltd.
No.8, Hongjin Road, Hongmei Town, Dongguan City, Guangdong Province, China

Frequency ID	1	2	3	4	5	6	7	8	9	10	11
Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0
Efficiency (dBi)	-1.76	-1.84	-1.46	-1.76	-1.56	-1.72	-1.41	-1.57	-1.06	-1.41	-1.20
Gain (dBi)	5.02	4.81	5.07	4.71	4.96	4.77	5.05	4.76	5.11	4.43	4.25
Efficiency (%)	66.64	65.43	71.38	66.62	69.85	67.31	72.25	69.74	78.26	72.28	75.85
Directivity (dB)	6.78	6.65	6.53	6.47	6.52	6.48	6.46	6.33	6.17	5.84	5.45
Peak Gain Position (Theta)	180.00	180.00	180.00	180.00	180.00	180.00	180.00	180.00	180.00	180.00	135.00
Peak Gain Position (Phi)	15.00	30.00	30.00	45.00	45.00	45.00	60.00	60.00	75.00	75.00	270.00
Efficiency ThetaPol (%)	45.00	44.16	48.14	44.76	46.76	44.90	48.25	46.82	52.90	49.27	51.91
Efficiency PhiPol (%)	21.64	21.27	23.24	21.86	23.09	22.41	24.00	22.92	25.35	23.01	23.94
Upper Hem. Efficiency (%)	26.33	25.91	28.27	26.49	27.89	26.92	28.92	27.82	31.49	29.37	31.68
Lower Hem. Efficiency (%)	40.32	39.52	43.12	40.13	41.96	40.39	43.33	41.92	46.77	42.91	44.17

