

衢州市云端智能科技有限公司Quzhou Yunduan Intelligent Technology Co., Ltd

Frequency ID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Frequency (MHz)	5150.0	5200.0	5250.0	5300.0	5350.0	5400.0	5450.0	5500.0	5550.0	5600.0	5650.0	5700.0	5750.0	5800.0	5850.0
Efficiency (dBi)	-5.68	-5.77	-5.22	-4.50	-4.75	-3.91	-3.65	-3.26	-2.89	-2.84	-2.35	-2.29	-2.10	-1.82	-1.88
Gain (dBi)	-2.98	-2.95	-2.33	-1.39	-1.20	-0.36	0.05	0.52	1.52	2.21	3.07	3.54	3.77	4.03	3.93
Efficiency (%)	27.05	26.50	30.06	35.51	33.48	40.63	43.18	47.20	51.44	52.00	58.25	59.01	61.64	65.80	64.88
Directivity (dB)	2.70	2.82	2.89	3.11	3.55	3.55	3.70	3.78	4.41	5.05	5.42	5.83	5.87	5.85	5.81
Peak Gain Position (Theta)	90.00	90.00	75.00	75.00	75.00	75.00	75.00	105.00	105.00	120.00	120.00	120.00	120.00	120.00	120.00
Peak Gain Position (Phi)	135.00	135.00	270.00	270.00	270.00	270.00	255.00	105.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
Efficiency ThetaPol (%)	17.37	17.24	17.49	22.44	21.39	24.71	27.18	27.78	31.07	33.01	37.89	40.42	41.80	44.96	44.73
Efficiency PhiPol (%)	9.68	9.25	12.57	13.07	12.09	15.92	16.00	19.42	20.37	18.99	20.36	18.59	19.83	20.84	20.14
Upper Hem. Efficiency (%)	14.60	14.22	15.88	18.51	17.01	20.07	20.22	21.01	21.33	20.29	22.12	22.30	24.54	27.44	28.02
Lower Hem. Efficiency (%)	12.45	12.28	14.18	17.00	16.47	20.56	22.96	26.19	30.11	31.71	36.13	36.71	37.09	38.36	36.86
T90(H)圆度	1.91	2.25	2.49	2.77	3.31	3.30	3.31	3.13	4.12	3.74	4.21	6.04	7.12	8.23	8.53
Gain 15deg (dBi)															
E1(XZ)波瓣宽度	84.00	85.00	85.00	82.00	69.00	62.00	51.00	47.00	45.00	41.00	38.00	36.00	37.00	38.00	37.00
E1(XZ)前后比	8.04	7.87	7.76	7.74	7.94	8.47	8.75	8.49	8.96	8.74	8.68	8.76	8.35	8.57	8.94
E2(YZ)波瓣宽度	69.00	67.00	66.00	62.00	54.00	53.00	52.00	52.00	57.00	45.00	45.00	46.00	47.00	47.00	48.00
E2(YZ)前后比	8.92	9.20	9.01	8.24	8.61	7.83	7.82	7.44	6.66	6.42	6.16	6.30	6.53	6.76	6.92
最大增益处轴比(P)	3.72	4.71	2.28	2.14	2.62	1.87	2.52	7.30	8.44	18.09	15.38	13.48	11.62	9.71	8.97
仰角10度最差(大)轴比(P)	5.69	7.01	6.83	7.57	9.00	8.37	10.30	9.23	8.09	9.28	19.85	23.18	19.04	15.78	12.63
Hc(XY)波瓣宽度	360.00	360.00	360.00	360.00	348.00	348.00	340.00	296.00	256.00	323.00	308.00	302.00	298.00	131.00	130.00
Hc(XY)前后比	0.36	0.47	0.43	0.00	0.00	0.02	0.14	0.22	0.34	0.11	0.00	0.00	0.04	0.64	0.68
左旋圆极化效率(%)	25.94	25.13	28.70	33.63	30.76	37.94	39.58	42.50	45.21	43.52	49.20	49.24	51.51	55.88	54.68
右旋圆极化效率(%)	1.11	1.37	1.36	1.88	2.72	2.69	3.60	4.70	6.23	8.48	9.06	9.77	10.12	9.91	10.20
Empty															





