

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)	-3.50	-3.28	-3.16	-2.50	-2.62	-2.65	-2.64	-3.14	-3.06	-3.07	-2.66	-2.37	-2.40	-2.23	-2.31
Gain (dBi)	0.71	1.05	1.08	1.92	2.02	2.41	3.26	3.32	3.64	3.74	4.02	4.42	4.37	4.29	4.16
Efficiency (%)	44.66	47.02	48.33	56.27	54.76	54.33	54.44	48.52	49.39	49.35	54.16	57.89	57.61	59.77	58.81
Directivity (dB)	4.21	4.33	4.24	4.42	4.63	5.06	5.90	6.46	6.70	6.81	6.68	6.79	6.77	6.52	6.46
Peak Gain Position (Theta)	90.00	90.00	105.00	75.00	75.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
Peak Gain Position (Phi)	90.00	90.00	45.00	120.00	135.00	15.00	15.00	15.00	15.00	15.00	30.00	30.00	30.00	30.00	30.00
Efficiency ThetaPol (%)	25.46	26.25	27.71	29.29	27.08	28.42	28.88	28.22	29.90	31.47	36.07	38.40	38.96	41.27	39.86
Efficiency PhiPol (%)	19.20	20.77	20.61	26.98	27.69	25.91	25.56	20.31	19.49	17.88	18.09	19.49	18.65	18.50	18.94
Upper Hem. Efficiency (%)	21.39	20.79	20.49	23.71	22.23	21.59	20.56	17.06	16.85	17.04	19.44	22.37	23.68	25.87	25.51
Lower Hem. Efficiency (%)	23.26	26.23	27.83	32.56	32.53	32.75	33.88	31.47	32.54	32.32	34.73	35.53	33.93	33.90	33.30
T90(H)圆度	5.91	6.43	6.64	6.73	7.47	6.97	7.81	8.05	9.39	11.66	9.44	8.34	6.75	6.81	9.07
Gain 15deg (dBi)															
E1(XZ)波瓣宽度	38.00	38.00	39.00	42.00	45.00	40.00	36.00	35.00	33.00	34.00	34.00	35.00	34.00	35.00	33.00
E1(XZ)前后比	5.90	6.05	5.27	4.77	4.82	4.92	5.69	5.91	6.35	5.91	5.63	5.63	5.41	5.48	5.89
E2(YZ)波瓣宽度	48.00	46.00	35.00	34.00	26.00	24.00	22.00	23.00	45.00	41.00	42.00	43.00	40.00	40.00	38.00
E2(YZ)前后比	8.54	7.60	6.78	6.36	6.57	6.43	7.29	6.94	5.84	5.35	5.54	6.56	6.68	6.78	6.97
最大增益处轴比(P)	3.42	3.57	5.34	4.31	2.36	15.92	16.65	17.32	18.56	18.82	14.06	14.43	14.71	16.37	15.61
仰角10度最差(大)轴比(P)	13.22	15.01	53.25	47.54	47.49	52.77	65.14	42.46	43.26	66.80	68.35	58.54	47.67	63.45	53.70
Hc(XY)波瓣宽度	125.00	132.00	142.00	112.00	98.00	104.00	155.00	147.00	147.00	114.00	160.00	157.00	66.00	59.00	51.00
Hc(XY)前后比	0.93	1.29	1.75	2.28	2.94	3.03	3.13	4.04	5.64	6.63	5.20	4.46	3.73	3.10	2.60
左旋圆极化效率(%)	5.71	5.71	6.55	8.90	11.28	13.85	15.80	16.61	17.36	16.55	18.08	19.57	18.67	18.76	16.44
右旋圆极化效率(%)	38.95	41.31	41.78	47.37	43.48	40.48	38.64	31.92	32.03	32.80	36.09	38.33	38.94	41.01	42.37
Empty															





