

1		2		3		4		5		6		7			
E		D		C		B		A							
SIGN		DATE		DESCRIPTION		APPROVER									



Frequency ID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Frequency (MHz)	700.0	720.0	740.0	760.0	780.0	800.0	820.0	840.0	860.0	880.0	900.0	920.0	940.0	960.0	1700.0	1800.0	1900.0	2000.0	2100.0	2200.0	2300.0	2400.0	2500.0	2600.0	2700.0
Efficiency (dBi)	-4.43	-4.15	-3.48	-3.35	-3.39	-3.46	-4.12	-3.91	-3.34	-3.39	-3.55	-3.94	-3.93	-3.88	-2.81	-2.05	-1.85	-2.53	-2.67	-3.22	-3.28	-3.42	-3.19	-3.34	-3.30
Gain (dBi)	-0.56	0.60	1.31	1.53	1.70	1.14	0.84	1.04	1.60	1.74	1.42	0.49	1.60	1.54	0.19	1.46	2.36	2.36	2.26	2.02	2.28	3.71	4.53	4.95	5.07
Efficiency (%)	36.03	38.42	44.85	46.21	45.77	45.05	38.75	40.65	46.31	45.79	44.15	40.32	40.42	40.89	52.38	62.32	65.28	55.79	54.02	47.62	46.94	45.49	48.01	46.34	46.77
Directivity (dB)	3.87	4.76	4.79	4.89	5.09	4.61	4.96	4.95	4.95	5.13	4.97	4.44	5.53	5.42	3.00	3.52	4.21	4.90	4.94	5.24	5.57	7.13	7.72	8.29	8.37
Peak Gain Position (Theta)	155.00	156.00	157.00	167.00	168.00	134.00	124.00	154.00	154.00	153.00	150.00	143.00	167.00	166.00	63.00	60.00	48.00	53.00	62.00	69.00	143.00	142.00	142.00	142.00	141.00
Peak Gain Position (Phi)	228.00	241.00	239.00	258.00	264.00	148.00	125.00	213.00	210.00	199.00	185.00	169.00	246.00	247.00	99.00	91.00	30.00	35.00	189.00	308.00	56.00	55.00	55.00	57.00	58.00
Efficiency ThetaPol (%)	32.30	34.59	39.61	39.79	39.61	40.01	34.01	34.35	39.46	39.69	38.87	35.96	35.74	36.58	50.21	59.84	62.68	53.11	51.04	44.08	42.25	40.61	42.43	40.85	40.73
Efficiency PhiPol (%)	3.73	3.83	5.24	6.41	6.16	5.04	4.74	6.31	6.85	6.10	5.28	4.36	4.69	4.31	2.17	2.49	2.60	2.68	2.99	3.54	4.69	4.88	5.58	5.50	6.03
Upper Hem. Efficiency (%)	7.08	8.48	10.93	10.77	9.47	9.05	7.97	8.72	10.55	9.78	8.24	8.13	9.50	10.55	32.20	40.29	45.03	39.70	39.46	33.95	31.07	27.48	26.24	23.55	22.40
Lower Hem. Efficiency (%)	28.95	29.95	33.91	35.44	36.30	36.00	30.78	31.93	35.75	36.01	35.90	32.20	30.92	30.34	20.18	22.04	20.25	16.09	14.56	13.66	15.87	18.02	21.78	22.80	24.37

T90(H)圆度	3.55	3.86	4.03	5.25	5.12	4.98	4.36	4.49	4.83	5.44	6.47	5.79	4.72	5.47	1.55	1.17	2.52	2.74	6.96	13.26	10.06	9.12	4.93	5.22	5.77
Gain 15deg (dBi)																									
E1(XZ)波瓣宽度	93.79	82.44	85.49	102.19	51.80	86.47	74.14	70.45	73.76	29.73	65.07	78.58	79.92	78.04	71.82	63.16	41.28	34.33	29.09	27.62	23.34	24.43	23.07	23.66	22.99
E1(XZ)前后比	0.18	0.81	0.36	0.00	1.30	1.37	0.43	0.00	0.00	0.00	0.00	0.31	0.00	0.05	3.37	5.74	8.15	10.55	8.43	3.96	0.00	0.00	0.00	0.00	0.00
E2(YZ)波瓣宽度	51.83	25.30	28.48	28.53	21.65	24.87	30.87	30.35	28.30	64.45	55.45	64.29	20.82	22.05	53.95	48.76	44.49	39.15	24.32	23.82	56.05	19.88	19.34	20.99	18.97
E2(YZ)前后比	0.29	0.00	0.00	0.00	0.00	0.00	2.52	0.70	0.00	0.00	0.42	0.00	0.00	0.00	2.44	5.49	8.49	11.78	9.40	5.08	1.18	0.56	0.20	0.00	0.00
最大增益处轴比(P)	11.74	31.08	29.48	14.91	20.21	26.96	22.86	7.78	9.06	10.50	11.54	11.80	20.96	30.67	28.33	29.94	22.98	21.40	16.29	38.43	6.99	7.82	7.83	7.52	8.05
顶点(Theta=0)处轴比(P)	6.35	6.83	9.67	2.36	8.21	18.56	23.62	37.08	29.58	9.74	13.09	26.34	11.01	18.96	28.70	37.86	18.40	9.49	13.68	23.82	18.24	22.23	11.18	10.40	15.92
仰角10度最差(大)轴比(P)	64.41	63.27	67.02	70.93	72.27	65.98	63.60	58.11	58.82	70.45	66.44	64.64	56.85	57.18	68.73	68.54	63.44	61.71	70.54	62.78	58.87	63.23	69.15	49.50	54.31
Hc(XY)波瓣宽度	197.85	294.38	285.79	112.25	101.95	118.40	127.25	188.14	167.63	97.63	91.93	87.22	85.31	65.80	360.00	360.00	360.00	360.00	148.54	115.60	101.56	111.32	110.00	92.74	78.63
Hc(XY)前后比	2.36	3.07	3.00	3.78	4.02	4.31	3.94	1.93	2.67	3.47	3.86	3.25	2.99	1.95	0.74	0.00	0.74	0.10	2.47	2.71	1.15	0.25	1.63	0.59	0.14
左旋圆极化效率(%)	18.36	19.42	21.86	22.91	23.36	22.94	19.92	21.81	24.62	23.00	22.86	20.74	20.71	21.13	24.43	28.07	31.55	27.14	25.79	23.35	21.64	21.00	21.37	21.28	22.49
右旋圆极化效率(%)	17.67	19.00	22.99	23.29	22.41	22.12	18.83	18.85	21.68	22.79	21.28	19.58	19.72	19.76	27.95	34.25	33.73	28.64	28.23	24.27	25.30	24.50	26.64	25.06	24.27
最大增益处交极比(+/-45极化)	2.47	2.39	4.47	0.03	1.16	9.55	6.70	2.68	2.63	3.86	6.81	7.91	1.64	2.42	1.50	0.82	1.64	1.60	2.39	4.25	3.57	3.77	3.51	4.23	4.89
最大增益处交极比(水平垂直极化)	10.31	17.08	11.88	14.91	18.50	5.92	8.41	6.71	7.91	7.97	5.64	4.73	17.65	16.96	20.49	24.87	18.53	17.99	13.55	12.38	5.27	5.86	6.10	5.17	5.01
T60度Phi一圈最差交极比(+/-45极化)	0.01	0.00	0.00	0.02	0.01	0.02	0.02	0.01	0.09	0.05	0.05	0.01	0.00	0.01	0.02	0.01	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.01	0.01
T60度Phi一圈最差交极比(水平垂直极化)	5.35	4.74	6.29	2.97	0.01	0.78	1.22	0.34	1.18	0.14	2.36	6.51	5.92	6.24	12.48	13.30	12.17	12.11	10.59	10.34	12.32	8.46	6.68	8.81	10.94
T90度(H)Phi一圈最差交极比(+/-45极化)	0.00	0.01	0.01	0.01	0.01	0.00	0.01	0.00	0.00	0.08	0.06	0.02	0.01	0.04	0.01	0.01	0.00	0.02	0.02	0.05	0.01	0.00	0.00	0.02	0.02
T90度(H)Phi一圈最差交极比(水平垂直极化)	6.26	7.95	6.63	3.93	6.15	8.73	6.97	3.10	4.30	5.46	4.39	5.75	4.78	2.56	13.72	15.63	13.04	9.40	7.67	0.00	0.02	0.05	2.24	5.36	5.14
轴对称天线主瓣下倾角度(平均)	-48.08	-41.86	-44.87	-48.65	-55.38	-52.05	-32.85	-39.69	-48.22	-50.89	-53.48	-51.42	-59.85	-53.37	29.24	34.27	36.43	31.66	28.16	27.12	-12.32	-56.45	-59.94	-64.62	-65.26
轴向(Z+)水平垂直极化隔离度	5.66	4.29	1.41	0.63	8.08	11.09	8.82	8.47	13.68	5.53	0.08	26.33	10.26	13.23	18.13	15.75	15.75	7.78	6.00	14.35	15.77	16.89	1.29	9.08	15.91
Theta85.0一周最大增益	-3.22	-2.89	-2.48	-2.16	-1.17	-0.72	-2.62	-3.37	-1.79	-1.59	-2.56	-4.10	-3.95	-4.52	-1.54	-1.48	-2.91	-3.43	-5.08	-4.64	-3.50	-2.67	-2.23	-3.01	-1.76
Theta85.0一周圆度(为最大增益)	4.81	4.62	4.36	5.46	5.50	5.61	5.20	5.43	5.33	5.66	7.15	7.10	5.45	5.20	1.85	1.75	1.11	3.86	5.37	14.38	20.93	7.80	4.52	3.26	3.96

Empty																									



