

红心天线 HX Antenna		深圳市红心电子科技有限公司																													
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	26	27	28	29	30	
Frequency (MHz)	900.0	905.0	910.0	915.0	920.0	925.0	930.0	935.0	940.0	945.0	950.0	955.0	960.0	965.0	970.0	975.0	980.0	985.0	990.0	995.0	1000.0	1005.0	1010.0	1015.0	1020.0	1025.0	1030.0	1035.0	1040.0	1045.0	1050.0
Gain (dBi)	-2.35	-2.00	-1.65	-1.30	-0.95	-0.60	-0.25	0.10	0.45	0.80	1.15	1.50	1.85	2.20	2.55	2.90	3.25	3.60	3.95	4.30	4.65	5.00	5.35	5.70	6.05	6.40	6.75	7.10	7.45	7.80	8.15
Efficiency (dB)	-2.35	-2.00	-1.65	-1.30	-0.95	-0.60	-0.25	0.10	0.45	0.80	1.15	1.50	1.85	2.20	2.55	2.90	3.25	3.60	3.95	4.30	4.65	5.00	5.35	5.70	6.05	6.40	6.75	7.10	7.45	7.80	8.15
Directivity (dB)	18.43	19.97	21.64	23.40	25.24	27.01	28.71	30.31	31.84	33.34	34.79	36.19	37.54	38.84	40.09	41.29	42.44	43.54	44.59	45.59	46.54	47.44	48.29	49.09	49.84	50.54	51.19	51.79	52.34	52.84	
Peak Gain Position (Theta)	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
Efficiency (ThetaPol)	15.52	17.32	19.25	21.21	23.19	25.14	27.01	28.71	30.31	31.84	33.34	34.79	36.19	37.54	38.84	40.09	41.29	42.44	43.54	44.59	45.59	46.54	47.44	48.29	49.09	49.84	50.54	51.19	51.79	52.34	
Upper Hem. Efficiency (%)	8.45	9.47	10.61	11.87	13.24	14.69	16.21	17.78	19.38	21.01	22.67	24.34	26.01	27.67	29.34	31.01	32.67	34.34	35.99	37.64	39.29	40.94	42.59	44.24	45.89	47.54	49.19	50.84	52.49	54.14	
Lower Hem. Efficiency (%)	3.98	4.50	5.02	5.54	6.06	6.58	7.10	7.62	8.14	8.66	9.18	9.70	10.22	10.74	11.26	11.78	12.30	12.82	13.34	13.86	14.38	14.90	15.42	15.94	16.46	16.98	17.50	18.02	18.54	19.06	

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Frequency ID	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61
Frequency (MHz)	950.0	955.0	960.0	965.0	970.0	975.0	980.0	985.0	990.0	995.0	1000.0	1005.0	1010.0	1015.0	1020.0	1025.0	1030.0	1035.0	1040.0	1045.0	1050.0	1055.0	1060.0	1065.0	1070.0	1075.0	1080.0	1085.0	1090.0	1095.0	1100.0
Gain (dBi)	-1.81	-1.50	-1.19	-0.88	-0.57	-0.26	0.05	0.36	0.67	0.98	1.29	1.60	1.91	2.22	2.53	2.84	3.15	3.46	3.77	4.08	4.39	4.70	5.01	5.32	5.63	5.94	6.25	6.56	6.87	7.18	7.49
Efficiency (dB)	-1.81	-1.50	-1.19	-0.88	-0.57	-0.26	0.05	0.36	0.67	0.98	1.29	1.60	1.91	2.22	2.53	2.84	3.15	3.46	3.77	4.08	4.39	4.70	5.01	5.32	5.63	5.94	6.25	6.56	6.87	7.18	7.49
Directivity (dB)	64.89	63.13	61.37	59.61	57.85	56.09	54.33	52.57	50.81	49.05	47.29	45.53	43.77	42.01	40.25	38.49	36.73	34.97	33.21	31.45	29.69	27.93	26.17	24.41	22.65	20.89	19.13	17.37	15.61	13.85	12.09
Peak Gain Position (Theta)	195.00	195.00	195.00	195.00	195.00	195.00	195.00	195.00	195.00	195.00	195.00	195.00	195.00	195.00	195.00	195.00	195.00	195.00	195.00	195.00	195.00	195.00	195.00	195.00	195.00	195.00	195.00	195.00	195.00	195.00	195.00
Efficiency (ThetaPol)	61.41	59.24	56.98	54.72	52.46	50.20	47.94	45.68	43.42	41.16	38.90	36.64	34.38	32.12	29.86	27.60	25.34	23.08	20.82	18.56	16.30	14.04	11.78	9.52	7.26	5.00	2.74	0.48	-1.78	-4.02	
Upper Hem. Efficiency (%)	31.13	29.88	28.63	27.38	26.13	24.88	23.63	22.38	21.13	19.88	18.63	17.38	16.13	14.88	13.63	12.38	11.13	9.88	8.63	7.38	6.13	4.88	3.63	2.38	1.13	-0.12	-1.37	-2.62	-3.87	-5.12	
Lower Hem. Efficiency (%)	18.51	17.72	16.93	16.14	15.35	14.56	13.77	12.98	12.19	11.40	10.61	9.82	9.03	8.24	7.45	6.66	5.87	5.08	4.29	3.50	2.71	1.92	1.13	0.34	-0.45	-1.24	-2.03	-2.82	-3.61	-4.40	





















