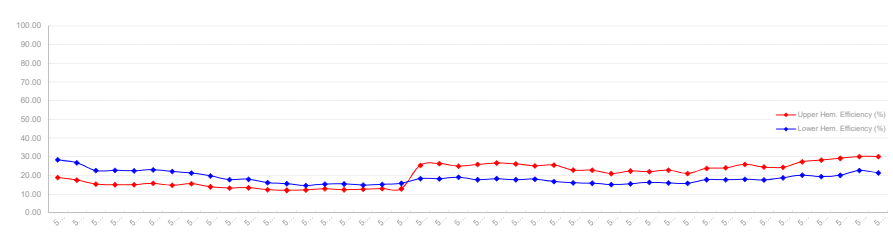
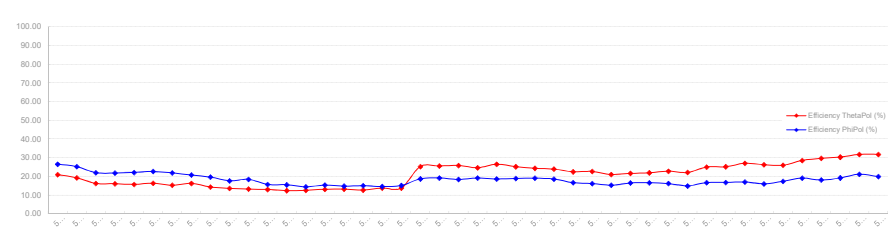
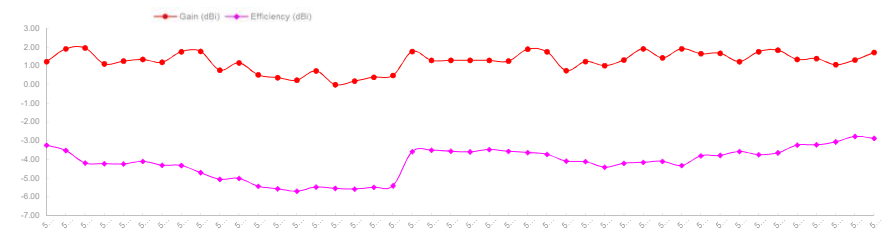
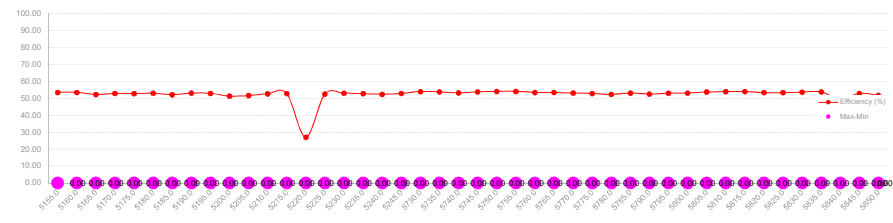


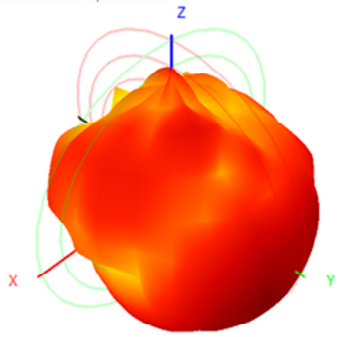


Frequency ID	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171				
Frequency (MHz)	5155.0	5160.0	5165.0	5170.0	5175.0	5180.0	5185.0	5190.0	5195.0	5200.0	5205.0	5210.0	5215.0	5220.0	5225.0	5230.0	5235.0	5240.0	5245.0	5730.0	5735.0	5740.0	5745.0	5750.0	5755.0	5760.0	5765.0	5770.0	5775.0	5780.0	5785.0	5790.0	5795.0	5800.0	5805.0	5810.0	5815.0	5820.0	5825.0	5830.0	5835.0	5840.0	5845.0	5850.0				
Efficiency (dBi)	-3.24	-3.53	-4.19	-4.23	-4.24	-4.10	-4.31	-4.32	-4.71	-5.07	-5.02	-5.43	-5.57	-5.70	-5.47	-5.55	-5.58	-5.49	-5.41	-3.58	-3.50	-3.56	-3.60	-3.47	-3.57	-3.63	-3.73	-4.09	-4.12	-4.41	-4.16	-4.10	-4.33	-3.81	-3.79	-3.58	-3.75	-3.65	-3.23	-3.22	-3.06	-2.77	-2.88					
Gain (dBi)	1.23	1.91	1.96	1.11	1.26	1.35	1.19	1.76	1.78	0.78	1.16	0.52	0.37	0.24	0.73	0.00	0.19	0.40	0.49	1.77	1.29	1.30	1.30	1.29	1.26	1.89	1.76	0.75	1.24	1.02	1.32	1.91	1.43	1.92	1.65	1.68	1.23	1.77	1.84	1.35	1.40	1.06	1.32	1.72				
Efficiency (%)	53.40	53.39	52.11	52.80	52.68	52.88	52.04	52.94	52.83	51.15	51.50	52.61	52.76	26.92	52.35	52.86	52.64	52.26	52.78	53.82	53.63	53.08	53.69	53.96	53.98	53.31	53.39	52.98	52.73	52.20	52.96	52.40	52.88	52.93	53.60	53.83	53.89	53.22	53.20	53.49	53.63	49.38	52.83	51.57				
Directivity (dB)	6.47	6.44	6.15	6.34	6.50	6.45	6.51	6.08	6.48	5.84	6.18	5.96	5.94	5.94	6.21	5.55	5.77	5.89	5.90	6.35	5.80	5.86	5.90	5.76	5.82	5.53	5.48	4.84	6.36	5.43	6.07	6.54	6.25	5.46	5.46	5.81	5.51	6.49	6.58	5.62	6.13	6.09	6.59					
Peak Gain Position (Theta)	105.00	135.00	90.00	135.00	135.00	135.00	135.00	90.00	105.00	105.00	135.00	105.00	135.00	120.00	90.00	90.00	90.00	90.00	105.00	75.00	75.00	135.00	75.00	75.00	75.00	75.00	45.00	75.00	30.00	75.00	45.00	75.00	90.00	60.00	105.00	75.00	90.00	90.00	75.00	90.00	75.00	105.00	75.00	90.00				
Peak Gain Position (Phi)	90.00	60.00	75.00	75.00	60.00	60.00	60.00	75.00	105.00	75.00	75.00	75.00	75.00	90.00	90.00	75.00	120.00	90.00	90.00	60.00	120.00	135.00	75.00	135.00	60.00	60.00	60.00	75.00	60.00	150.00	60.00	105.00	75.00	105.00	75.00	105.00	135.00	135.00	105.00	105.00	105.00	60.00	105.00					
Efficiency ThetaPol (%)	20.89	19.19	16.18	16.04	15.66	16.30	15.22	16.24	14.26	13.54	13.13	12.95	12.29	12.54	13.06	13.15	12.66	13.71	13.75	25.20	25.54	25.77	24.60	26.41	25.15	24.31	23.86	22.40	22.61	20.98	21.55	21.85	22.75	22.06	24.95	25.12	26.94	26.23	25.90	28.47	29.62	30.26	31.73	31.71				
Efficiency PhiPol (%)	26.51	25.20	21.93	21.76	22.02	22.58	21.82	20.70	19.58	17.61	18.37	15.66	15.47	14.38	15.29	14.72	14.97	14.55	15.03	18.63	19.09	18.31	19.08	18.55	18.83	18.99	18.53	16.58	16.12	15.22	16.40	16.56	16.13	14.87	16.64	16.71	16.95	15.99	17.30	19.02	18.02	19.12	21.09	19.86				
Upper Hem. Efficiency (%)	18.96	17.55	15.44	15.03	15.13	15.80	14.82	15.63	14.01	13.32	13.50	12.41	12.15	12.27	12.89	12.38	12.73	13.01	12.97	25.47	26.38	25.00	25.92	26.69	26.20	25.22	25.60	22.91	22.83	21.05	22.39	22.07	22.87	21.12	23.82	24.13	25.94	24.55	24.41	27.32	28.25	29.23	30.14	30.16				
Lower Hem. Efficiency (%)	28.43	26.84	22.67	22.76	22.55	23.08	22.23	21.31	19.83	17.83	18.01	16.20	15.61	14.65	15.47	15.48	14.91	15.25	15.80	18.35	18.26	19.08	17.77	18.27	17.78	18.09	16.79	16.07	15.91	15.15	15.97	16.33	16.01	15.81	17.77	17.70	17.95	17.67	18.78	20.17	19.88	20.15	22.88	21.41				
T90(H)角度	13.47	12.75	14.18	13.84	15.03	11.50	15.53	12.46	13.50	12.33	10.31	10.64	11.04	9.00	12.23	10.34	13.16	11.19	12.84	12.98	12.25	12.55	11.98	12.94	13.70	15.69	10.21	14.00	11.15	11.06	13.42	11.55	13.48	13.84	11.41	11.30	12.59	11.11	12.56	10.76	14.47	12.41	11.55	11.91				
Gain 15deg (dBi)																																																
E1(XZ)波瓣宽度	36.00	39.00	37.00	37.00	43.00	34.00	35.00	36.00	35.00	33.00	33.00	36.00	39.00	35.00	56.00	26.00	27.00	27.00	35.00	74.00	75.00	72.00	57.00	68.00	47.00	34.00	50.00	48.00	46.00	66.00	52.00	65.00	25.00	62.00	58.00	63.00	63.00	69.00	68.00	70.00	68.00	48.00	23.00	66.00				
E1(XZ)前后比	0.00	0.00	0.00	0.21	0.38	0.00	0.00	0.00	0.00	0.81	1.08	0.51	0.24	0.00	0.00	1.07	0.34	0.00	1.50	2.11	5.86	6.63	6.71	5.41	6.99	7.03	8.04	7.91	7.29	6.26	9.28	6.24	6.86	6.72	7.42	7.77	7.36	6.04	6.47	7.54	8.22	6.39	6.45	8.39	5.88			
E2(YZ)波瓣宽度	69.00	76.00	75.00	80.00	79.00	77.00	79.00	79.00	81.00	80.00	79.00	82.00	78.00	78.00	88.00	84.00	83.00	78.00	84.00	49.00	114.00	121.00	43.00	43.00	119.00	61.00	66.00	63.00	52.00	65.00	23.00	26.00	47.00	53.00	59.00	50.00	67.00	52.00	57.00	24.00	40.00	38.00	112.00	31.00				
E2(YZ)前后比	8.25	7.49	7.72	6.67	6.68	7.50	7.84	7.16	5.29	6.38	6.55	7.09	6.54	7.88	6.01	7.22	5.62	6.93	6.59	8.34	8.02	7.13	7.36	8.30	8.10	8.66	9.46	8.58	9.62	8.23	8.92	9.38	10.03	8.42	9.53	9.96	9.22	9.80	9.34	9.88	9.80	8.78	9.37	8.91				
最大增益轴偏(P)	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50			
仰角10度增益(大)轴偏(P)	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50		
Hc(XY)波瓣宽度	77.00	80.00	71.00	63.00	84.00	81.00	65.00	62.00	77.00	75.00	67.00	83.00	77.00	78.00	65.00	83.00	71.00	79.00	72.00	33.00	102.00	40.00	97.00	118.00	91.00	42.00	30.00	123.00	50.00	153.00	79.00	59.00	61.00	91.00	89.00	135.00	89.00	80.00	74.00	132.00	81.00	122.00	42.00					
Hc(XY)前后比	8.83	5.51	6.03	7.41	5.73	5.21	5.37	5.70	4.50	5.40	3.92	6.20	5.11	4.16	4.72	3.64	4.14	6.17	3.79	5.13	4.64	4.83	5.10	3.80	3.38	3.98	5.00	4.62	4.21	4.89	5.45	5.49	5.91	6.71	6.72	5.32	3.75	5.37	5.20	6.86	4.38	6.28	4.50	3.50				

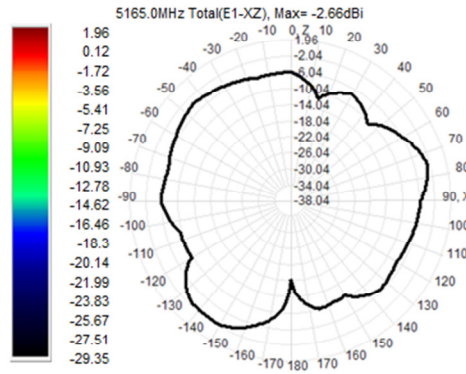
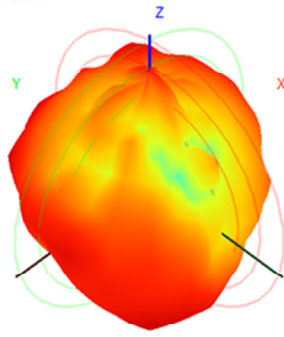


Antenna Part Number	Manufacturer	Antenna Type	Frequency (MHz)	Max Gain (dBi)	Location
Antenna_R (ANT 2)	SHENZHENSHI XINZHONGXIN TECHNOLOGY CO., LTD.	PCB Printing Antenna	5155-5245	1.96	
			5730-5850	1.92	

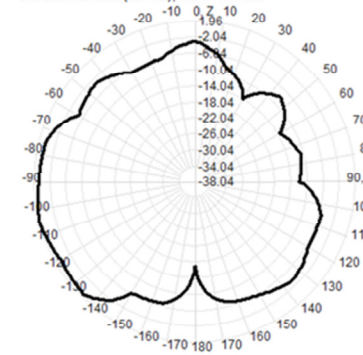
5165.0MHz H+V, Eff: 38.1%



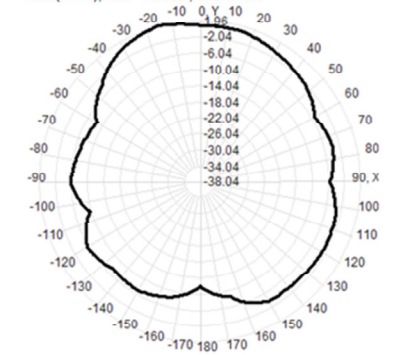
Back View



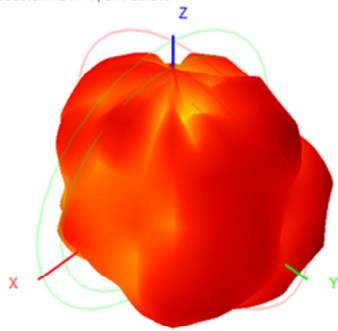
5165.0MHz Total(E2-YZ), Max= 1.77dBi



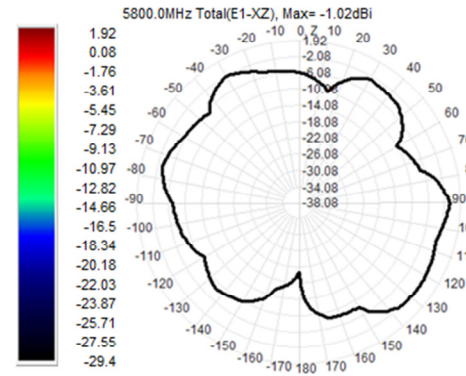
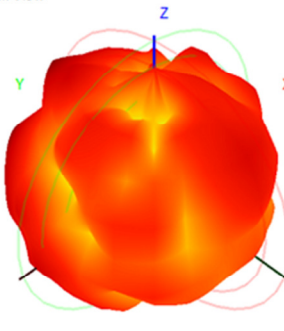
Total(H-XY), Max= 1.96dBi, CirD=14.18



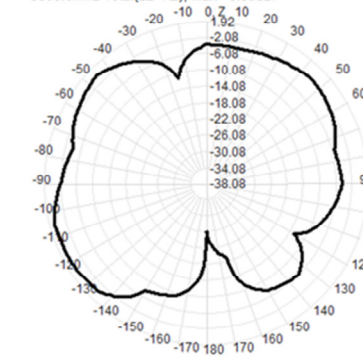
5800.0MHz H+V, Eff: 36.9%



Back View



5800.0MHz Total(E2-YZ), Max= 0.60dBi



Total(H-XY), Max= 1.92dBi, CirD=13.84

