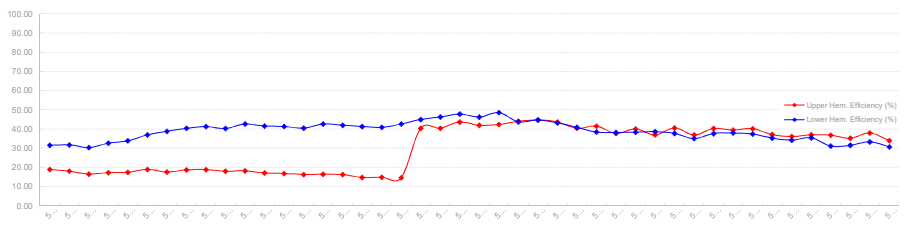
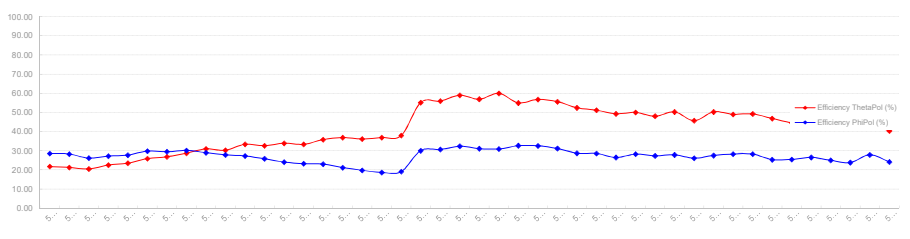
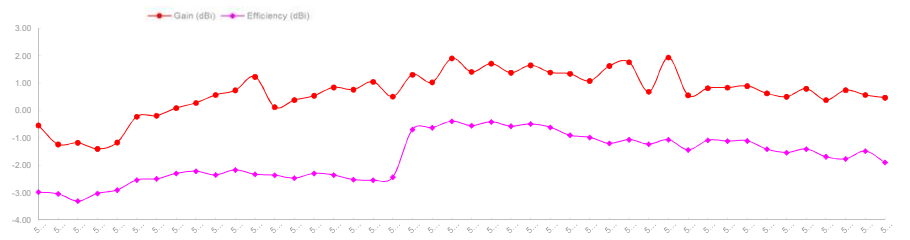
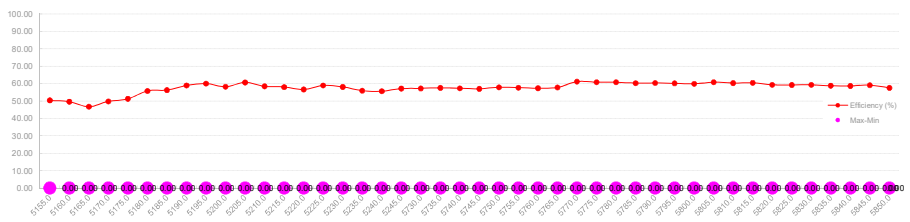




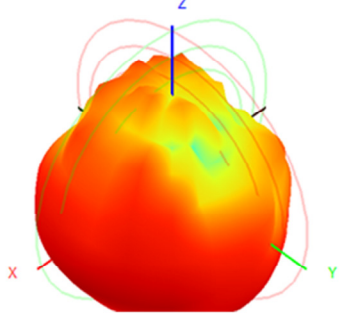
Frequency ID	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171				
Frequency (MHz)	5155.0	5160.0	5165.0	5170.0	5175.0	5180.0	5185.0	5190.0	5195.0	5200.0	5205.0	5210.0	5215.0	5220.0	5225.0	5230.0	5235.0	5240.0	5245.0	5250.0	5255.0	5260.0	5265.0	5270.0	5275.0	5280.0	5285.0	5290.0	5295.0	5300.0	5305.0	5310.0	5315.0	5320.0	5325.0	5330.0	5335.0	5340.0	5345.0	5350.0	5355.0	5360.0	5365.0	5370.0	5375.0			
Efficiency (dBi)	-2.98	-3.04	-3.30	-3.03	-2.90	-2.54	-2.49	-2.30	-2.22	-2.35	-2.17	-2.33	-2.36	-2.43	-2.30	-2.36	-2.52	-2.55	-2.43	-0.69	-0.63	-0.40	-0.55	-0.42	-0.57	-0.49	-0.62	-0.91	-0.98	-1.20	-1.06	-1.23	-1.07	-1.44	-1.09	-1.12	-1.11	-1.41	-1.54	-1.41	-1.69	-1.76	-1.48	-1.90				
Gain (dBi)	-0.55	-1.24	-1.18	-1.40	-1.17	-0.22	-0.19	0.09	0.28	0.57	0.73	1.23	0.12	0.38	0.54	0.84	0.76	1.05	0.51	1.31	1.03	1.90	1.41	1.71	1.38	1.65	1.39	1.34	1.08	1.62	1.76	0.68	1.93	0.55	0.81	0.83	0.89	0.62	0.50	0.79	0.38	0.74	0.57	0.47				
Efficiency (%)	50.37	49.62	46.73	49.78	51.24	55.77	56.31	58.90	60.00	58.19	60.67	58.47	58.03	56.64	58.90	58.11	55.95	55.64	57.11	57.24	57.58	57.29	57.03	57.84	57.64	57.34	57.76	61.15	60.78	60.82	60.26	60.37	60.15	59.84	60.82	60.29	60.46	59.26	59.20	59.26	58.77	58.62	59.07	57.56				
Directivity (dB)	4.92	4.31	4.62	4.13	4.24	4.81	4.80	4.89	4.99	5.42	5.40	6.06	4.98	5.35	5.34	5.70	5.78	6.09	5.44	4.50	4.15	4.80	4.46	4.63	4.45	4.64	4.50	4.75	4.56	5.33	5.32	4.41	5.50	4.49	4.40	4.45	4.50	4.54	4.54	4.70	4.57	5.00	4.55	4.87				
Peak Gain Position (Theta)	75.00	90.00	105.00	90.00	135.00	135.00	135.00	90.00	135.00	90.00	90.00	135.00	120.00	135.00	135.00	90.00	135.00	135.00	120.00	120.00	45.00	105.00	120.00	105.00	45.00	75.00	45.00	105.00	45.00	75.00	105.00	75.00	45.00	105.00	300.00	300.00	300.00	345.00	345.00	0.00	255.00	240.00	345.00	285.00	0.00			
Peak Gain Position (Phi)	15.00	30.00	45.00	30.00	210.00	180.00	30.00	90.00	30.00	30.00	30.00	90.00	90.00	105.00	105.00	30.00	105.00	105.00	105.00	225.00	240.00	255.00	330.00	270.00	330.00	255.00	225.00	315.00	330.00	300.00	225.00	315.00	225.00	330.00	300.00	300.00	345.00	345.00	0.00	255.00	240.00	345.00	285.00	0.00				
Efficiency ThetaPol (%)	21.80	21.33	20.55	22.53	23.51	25.93	26.82	28.75	31.00	30.29	33.39	32.63	33.93	33.34	35.82	36.85	36.14	36.92	37.95	55.15	55.90	58.90	56.91	59.90	54.97	56.79	55.59	52.44	51.16	49.30	49.99	48.02	50.26	45.69	50.28	49.00	49.21	46.85	44.70	45.70	42.74	42.73	43.20	40.37				
Efficiency PhiPol (%)	28.57	28.29	26.17	27.24	27.73	29.84	29.49	30.15	29.00	27.90	27.29	25.84	24.10	23.29	23.08	21.26	19.80	18.72	19.15	30.09	30.68	32.39	31.12	30.93	32.67	32.55	31.17	28.70	28.62	26.52	28.27	27.35	27.89	26.15	27.53	28.29	28.25	25.41	25.50	26.56	25.03	23.88	27.87	24.19				
Upper Hem. Efficiency (%)	18.89	17.95	16.44	17.19	17.43	18.86	17.56	18.61	18.79	17.94	18.13	16.99	16.77	16.24	16.35	16.16	14.70	14.82	14.56	40.31	40.33	43.58	41.84	42.34	43.94	44.68	43.57	40.34	41.43	37.69	39.96	36.85	40.50	36.87	40.23	39.41	40.13	37.04	36.06	36.90	36.72	35.16	37.87	33.92				
Lower Hem. Efficiency (%)	31.47	31.67	30.29	32.52	33.82	36.91	38.75	40.29	41.21	40.24	42.54	41.48	41.26	40.40	42.55	41.95	41.20	40.82	42.55	44.93	46.24	47.71	46.19	46.50	43.70	44.65	43.19	40.81	38.35	38.13	38.30	38.52	37.65	34.97	37.99	37.87	37.33	35.22	34.14	35.36	31.05	31.45	33.20	30.63				
TSO(中)前展	7.91	13.36	10.31	9.25	10.01	9.88	11.74	10.47	11.03	10.49	11.87	9.57	16.13	9.52	13.03	11.36	12.75	11.14	12.04	12.70	14.01	13.34	13.37	14.15	14.27	14.03	12.56	16.34	13.36	13.57	14.80	16.61	16.81	14.75	11.33	15.52	11.81	17.74	14.63	14.79	14.52	15.22	12.49	16.64				
Gain 15deg (dBi)																																																
E1(XZ)波瓣宽度	66.00	77.00	58.00	53.00	49.00	40.00	48.00	51.00	50.00	67.00	53.00	45.00	53.00	60.00	57.00	60.00	58.00	66.00	60.00	103.00	91.00	117.00	111.00	104.00	92.00	95.00	124.00	105.00	105.00	109.00	108.00	94.00	108.00	115.00	95.00	99.00	102.00	86.00	96.00	97.00	67.00	113.00	55.00					
E1(XZ)前侧比	4.92	6.87	6.68	5.90	5.20	5.44	4.81	3.83	5.08	4.47	3.79	4.45	3.97	2.93	2.82	2.18	2.65	3.01	2.97	1.78	3.82	2.12	3.32	2.21	3.02	4.48	3.90	3.27	3.01	3.73	2.81	4.09	2.48	3.75	4.11	5.74	4.12	5.10	5.68	4.85	8.92	6.34	6.81	6.70				
E2(YZ)波瓣宽度	60.00	60.00	58.00	55.00	54.00	46.00	52.00	50.00	45.00	41.00	45.00	36.00	50.00	48.00	53.00	43.00	51.00	40.00	50.00	39.00	36.00	38.00	49.00	33.00	47.00	44.00	52.00	43.00	72.00	38.00	32.00	47.00	59.00	41.00	32.00	35.00	23.00	50.00	52.00	66.00	57.00	40.00	54.00					
E2(YZ)前侧比	1.84	1.47	0.62	1.73	1.40	2.26	2.33	2.04	2.81	3.10	2.52	3.24	2.81	2.00	2.45	2.64	2.45	3.28	2.07	1.58	2.69	1.85	2.14	2.66	0.57	1.58	2.90	2.39	2.54	1.88	4.09	1.12	1.04	2.42	2.78	1.86	2.34	1.24	2.35	1.59	2.25	3.41	4.80	3.98				
侧向衰减比(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0度增益(大)侧比(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	120.00	90.00	106.00	99.00	97.00	93.00	71.00	91.00	86.00	75.00	75.00	103.00	89.00	83.00	88.00	67.00	69.00	87.00	91.00	96.00	87.00	98.00	84.00	115.00	73.00	101.00	49.00	45.00	68.00	54.00	60.00	54.00	54.00	72.00	60.00	54.00	67.00	97.00	60.00	71.00	77.00	48.00	64.00	57.00				
Hc(XY)前侧比	3.13	4.08	3.73	2.78	4.54	3.83	5.10	5.35	5.00	5.50	5.17	4.37	5.24	5.22	4.97	6.14	5.10	5.30	4.05	2.46	2.18	2.30	2.53	1.99	1.96	2.17	1.52	2.40	2.97	0.99	1.26	2.26	2.14	0.39	2.02	0.67	2.52	1.79	2.20	1.39	1.54	2.54	2.84	2.75				

Empty

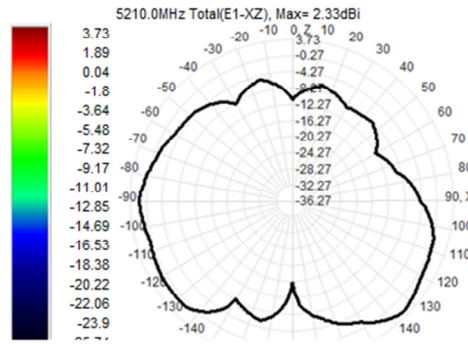
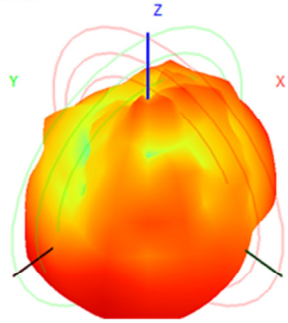


Antenna Part Number	Manufacturer	Antenna Type	Frequency (MHz)	Max Gain (dBi)	Location
Antenna_L (ANT 1)	SHENZHENSHI XINZHONGXIN TECHNOLOGY CO., LTD.	PCB Printing Antenna	5155-5245	1.23	
			5730-5850	1.93	

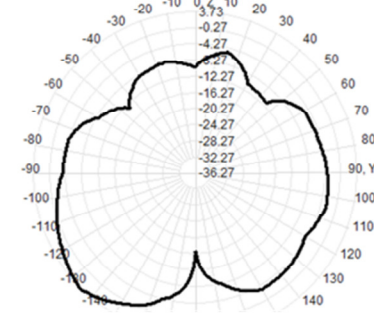
5210.0MHz H+V, Eff: 58.5%



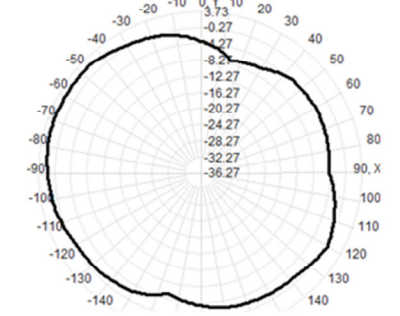
Back View



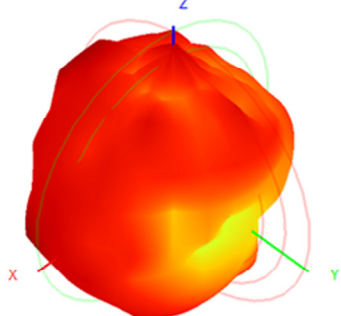
5210.0MHz Total(E2-YZ), Max= 3.73dBi



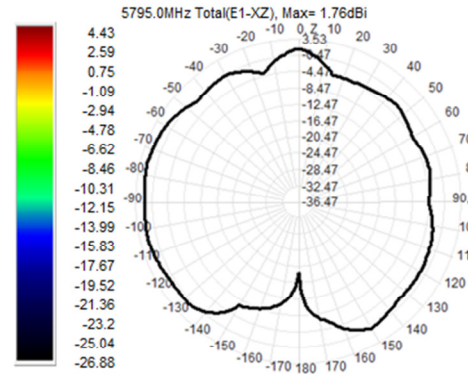
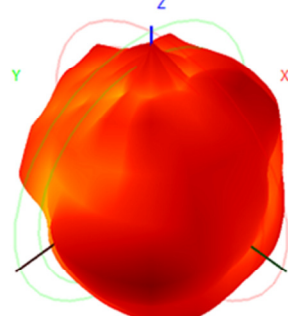
Total(H-XY), Max= 2.15dBi, CirD=9.57



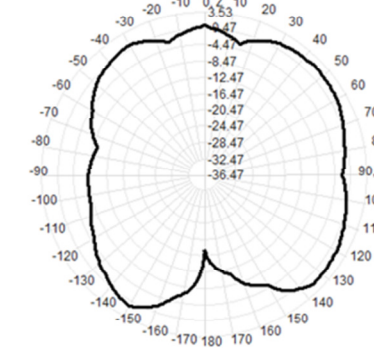
5795.0MHz H+V, Eff: 78.2%



Back View



5795.0MHz Total(E2-YZ), Max= 1.55dBi



Total(H-XY), Max= 3.53dBi, CirD=16.81

