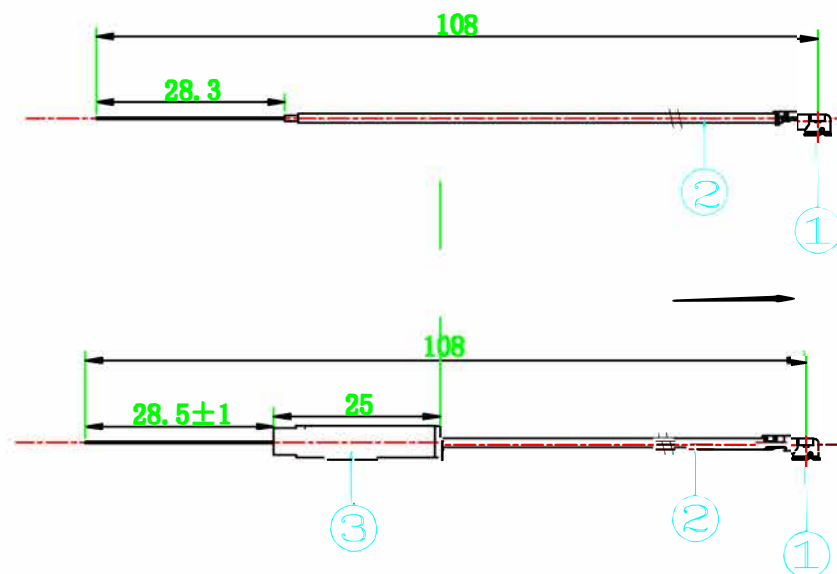


雷电保护	Lighting protection	DC Ground
频率范围	Frequency Range	2.4-2.5GHz
输入阻抗	Impedance	50Ω
驻波比	VSWR	1.5MAX
Temperature		-40°C + 90°C

更新 序号	更新 日期	更新 人	更新 单号	备注
▲				
▲				
▲				

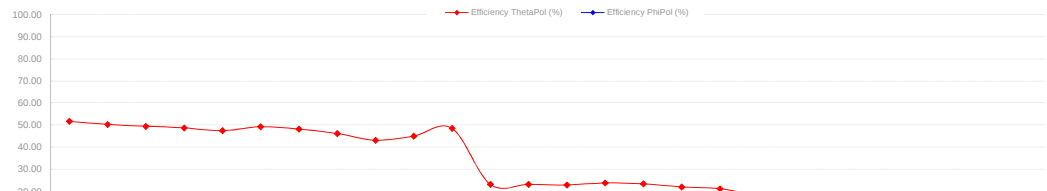
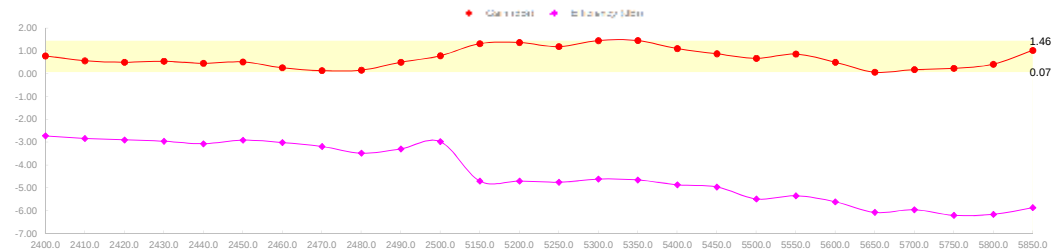
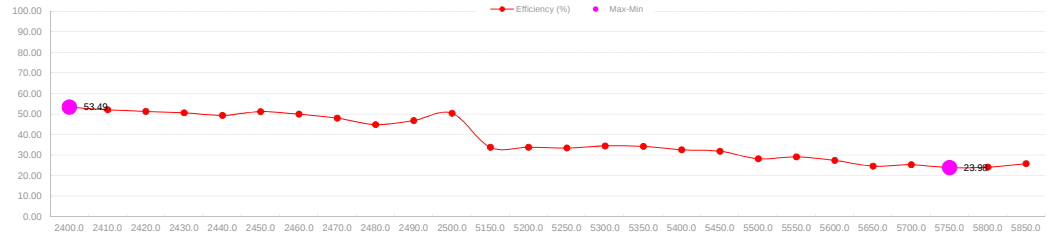


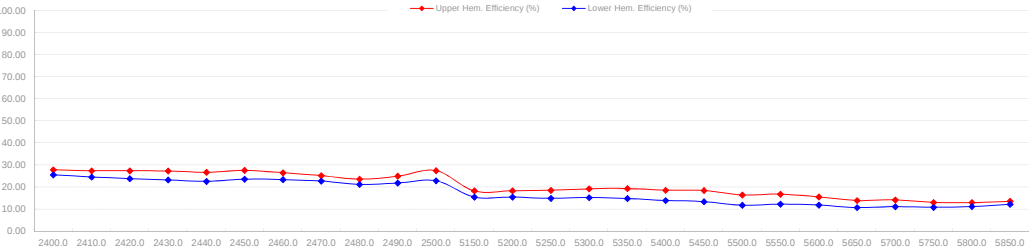
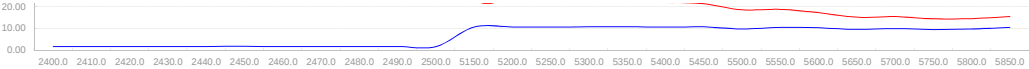
Company Name: Shenzhen Xinsheng Zhiyuan Communication Equipment Co., Ltd.
Address: 201, Building C (Factory), No. 30 Shibi West Road, Liulian Community, Pingdi Street, Longgang District, Shenzhen

品名 MODEL NAME 型号 XZYRJ5224-108 CUSTOMER NO. 客户编号 JS DWG NO. 图号 2020031301 FLOW 流程		MATERIAL 材质 HARDNESS 硬度 WEIGHT 重量 SURFACE TREATMENT 表面处理	APPROVED BY 审核	CHECKED BY 校对	DESIGNED BY 设计	DRAWN BY 制图	TOLERANCES UNLESS OTHERWISE SPECIFIED 未标注公差指示		1st ANGLE PROJECTION 第一视角		SIZE 尺寸 单位 mm 比例 1:1	SHEET NO. 图号 A4
								0~5 ±0.05 HOLE DIMENSION 孔径公差 5~10 ±0.08 ANGULAR DIMENSION 角度公差 10~50 ±0.10 50~ ±0.15	±0.05 ±0.5°	THE PRODUCT MUST SATISFY THE TOLERANCE SPECIFICATION 产品必须符合「RoHS指令」		

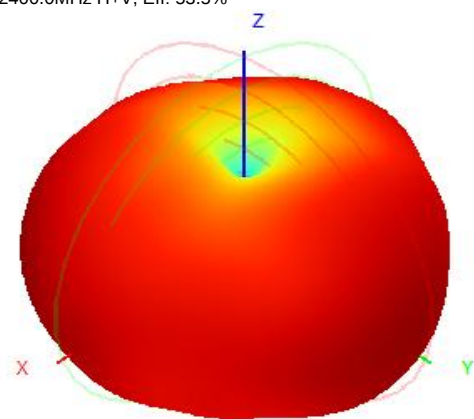


Frequency ID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0	5150.0	5200.0	5250.0	5300.0	5350.0	5400.0	5450.0	5500.0	5550.0	5600.0	5650.0	5700.0	5750.0	5800.0	5850.0
Efficiency (dBi)	-2.72	-2.83	-2.89	-2.95	-3.06	-2.91	-3.01	-3.18	-3.47	-3.29	-2.97	-4.70	-4.70	-4.75	-4.61	-4.65	-4.86	-4.96	-5.48	-5.35	-5.61	-6.07	-5.95	-6.20	-6.16	-5.86
Gain (dBi)	0.78	0.57	0.51	0.55	0.46	0.52	0.26	0.14	0.16	0.51	0.79	1.32	1.37	1.20	1.46	1.46	1.10	0.88	0.68	0.86	0.51	0.07	0.19	0.24	0.42	1.03
Efficiency (%)	53.49	52.10	51.35	50.66	49.40	51.22	50.01	48.03	44.93	46.87	50.43	33.87	33.90	33.51	34.56	34.29	32.63	31.94	28.30	29.20	27.50	24.71	25.39	23.98	24.23	25.92
Directivity (dB)	3.50	3.40	3.40	3.50	3.52	3.43	3.27	3.33	3.64	3.80	3.76	6.03	6.07	5.94	6.07	6.10	5.97	5.84	6.16	6.21	6.11	6.14	6.14	6.45	6.58	6.89
Peak Gain Position (Theta)	92.00	75.00	81.00	79.00	77.00	77.00	77.00	91.00	91.00	91.00	91.00	80.00	146.00	146.00	146.00	146.00	146.00	143.00	32.00	29.00	144.00	145.00	144.00	144.00	144.00	144.00
Peak Gain Position (Phi)	247.00	227.00	236.00	232.00	228.00	224.00	223.00	292.00	293.00	294.00	295.00	35.00	68.00	67.00	69.00	71.00	69.00	45.00	121.00	117.00	46.00	48.00	49.00	52.00	54.00	59.00
Efficiency ThetaPol (%)	51.75	50.36	49.52	48.81	47.53	49.30	48.24	46.24	43.16	45.07	48.59	23.21	23.18	22.92	23.80	23.44	22.02	21.19	18.49	18.70	17.18	15.12	15.39	14.43	14.48	15.44
Efficiency PhiPol (%)	1.74	1.74	1.83	1.85	1.87	1.92	1.77	1.79	1.77	1.80	1.83	10.66	10.71	10.60	10.76	10.85	10.61	10.76	9.81	10.50	10.32	9.59	10.00	9.55	9.75	10.49
Upper Hem. Efficiency (%)	27.91	27.45	27.44	27.34	26.75	27.60	26.56	25.25	23.65	24.98	27.52	18.32	18.38	18.57	19.27	19.42	18.63	18.46	16.47	16.86	15.60	13.95	14.23	13.09	13.03	13.62
Lower Hem. Efficiency (%)	25.59	24.65	23.91	23.32	22.65	23.62	23.45	22.78	21.29	21.89	22.90	15.55	15.52	14.94	15.29	14.87	14.00	13.48	11.63	12.34	11.90	10.76	11.16	10.89	11.20	12.30
T90(H)	4.78	4.81	4.98	5.34	5.48	5.28	5.07	5.21	5.76	6.03	6.15	18.83	17.14	15.65	15.15	13.73	12.95	14.20	15.41	12.93	12.32	10.90	10.88	11.99	11.43	11.45
Gain 15deg (dBi)																										
E1(XZ)	69.00	71.00	71.00	71.00	70.00	73.00	75.00	76.00	76.00	76.00	76.00	50.00	58.00	24.00	23.00	23.00	22.00	23.00	23.00	23.00	44.00	44.00	47.00	36.00	33.00	33.00
E1(XZ)	5.51	5.92	6.12	5.65	5.16	4.98	5.26	5.70	5.73	5.38	5.01	1.67	0.33	2.62	2.39	2.63	2.84	1.84	2.21	1.97	0.35	0.28	1.17	1.22	2.42	2.17
E2(YZ)	66.00	66.00	67.00	68.00	68.00	68.00	66.00	65.00	64.00	62.00	61.00	33.00	34.00	38.00	32.00	31.00	31.00	30.00	47.00	47.00	43.00	36.00	33.00	32.00	31.00	29.00
E2(YZ)	5.53	5.76	6.27	6.51	6.68	6.72	6.10	5.40	4.87	4.84	5.33	0.00	0.00	0.09	0.17	0.31	0.56	0.92	0.34	0.47	0.29	0.00	0.00	0.06	0.08	0.19
(P)	15.72	14.97	15.17	13.56	12.54	12.94	13.73	27.28	27.21	28.19	29.25	42.56	4.88	16.44	13.87	12.62	12.96	25.38	13.02	11.15	31.43	24.68	20.43	17.18	16.45	14.13
P	64.23	58.47	60.21	57.12	56.58	59.00	69.88	80.38	63.68	68.34	57.59	75.02	68.18	55.71	64.91	73.12	82.01	71.60	49.03	48.32	51.85	48.86	53.77	56.91	51.77	50.81
Hc(XY)	213.00	216.00	214.00	206.00	202.00	204.00	208.00	208.00	202.00	193.00	191.00	38.00	38.00	54.00	53.00	55.00	60.00	42.00	40.00	60.00	56.00	51.00	47.00	47.00	46.00	48.00
Hc(XY)	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.60	0.57	0.46	0.27	0.24	0.19	0.15	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(%)	28.24	27.21	27.42	26.75	26.11	27.29	26.33	26.00	24.70	25.83	27.74	18.84	18.06	16.90	17.21	18.86	15.99	15.67	16.24	17.12	13.37	12.28	12.82	12.23	12.44	13.22
(%)	25.25	24.89	23.94	23.91	23.29	23.93	23.68	22.03	20.24	21.04	22.69	15.03	15.84	16.62	17.35	17.43	16.64	16.27	12.05	12.08	14.13	12.43	12.56	11.75	11.79	12.71
Empty																										

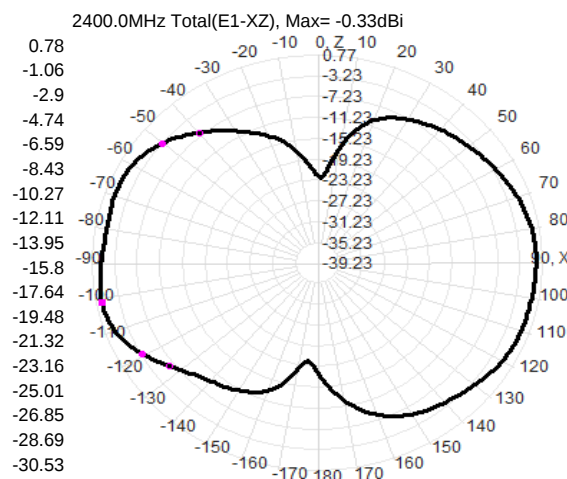
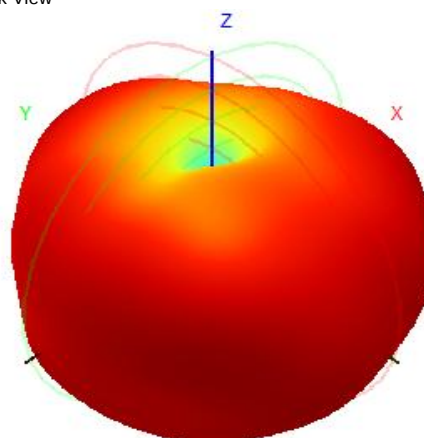




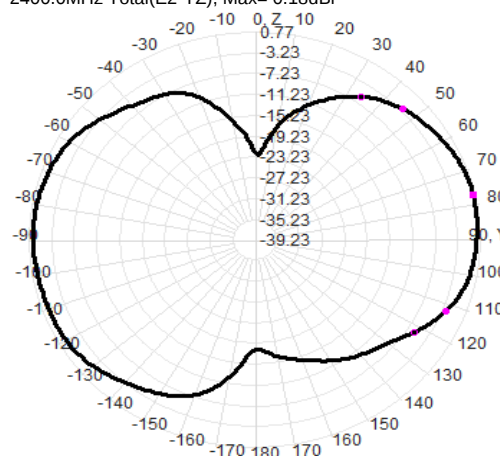
2400.0MHz H+V, Eff: 53.5%



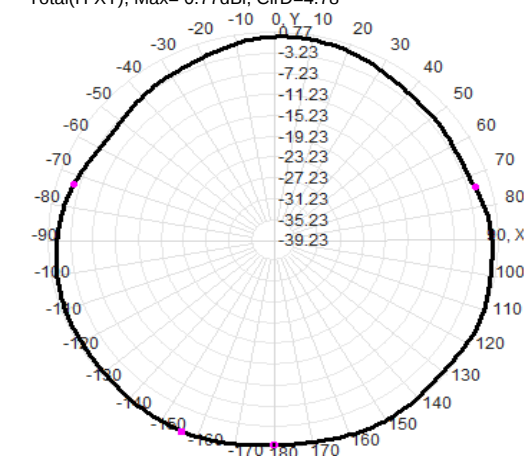
Back View



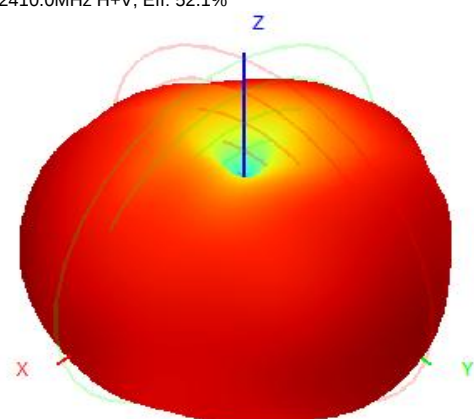
2400.0MHz Total(E2-YZ), Max= 0.18dBi



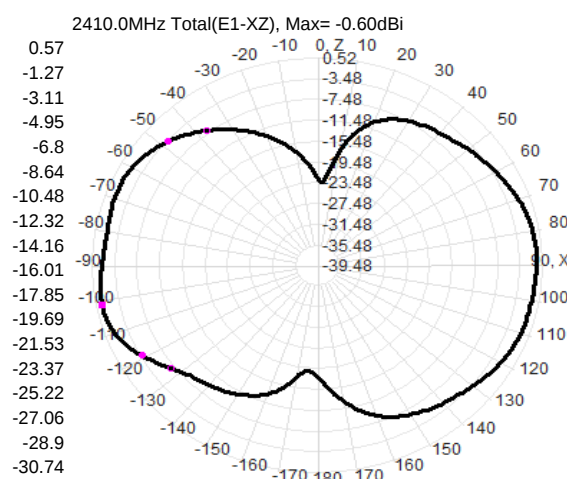
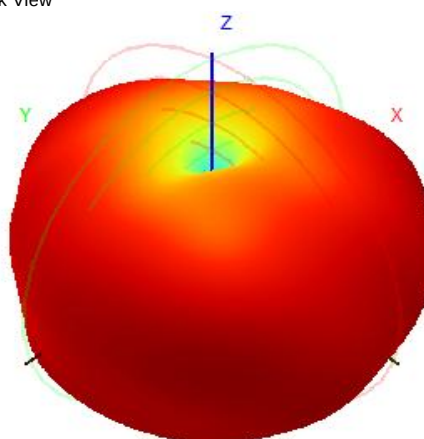
Total(H-XY), Max= 0.77dBi, CirD=4.78



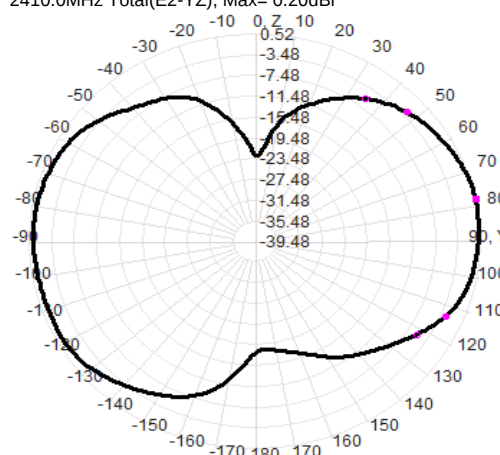
2410.0MHz H+V, Eff: 52.1%



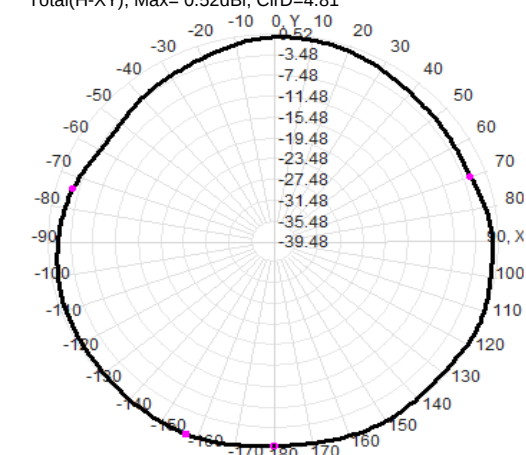
Back View



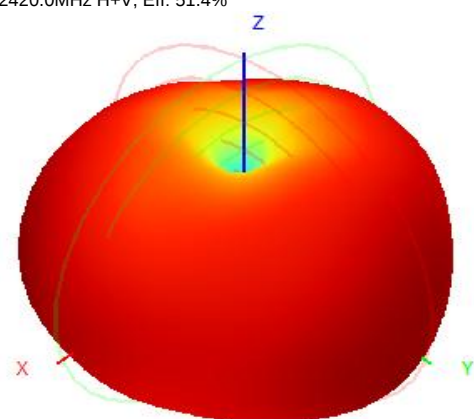
2410.0MHz Total(E2-YZ), Max= 0.20dBi



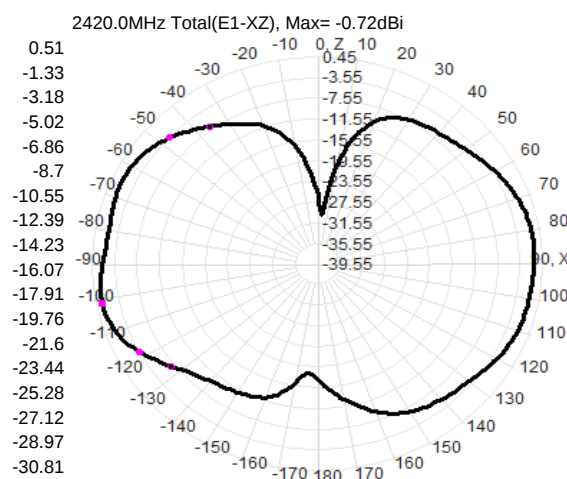
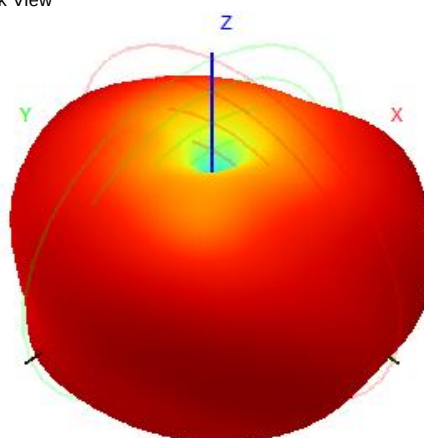
Total(H-XY), Max= 0.52dBi, CirD=4.81



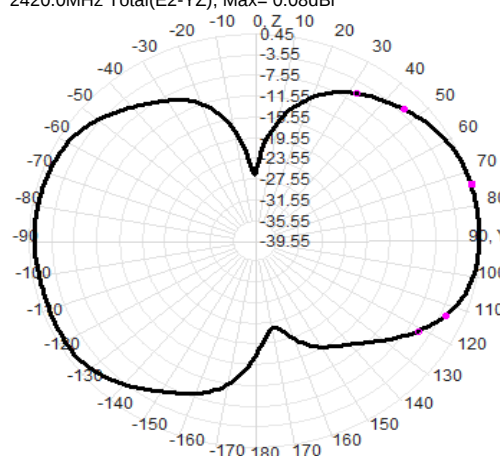
2420.0MHz H+V, Eff: 51.4%



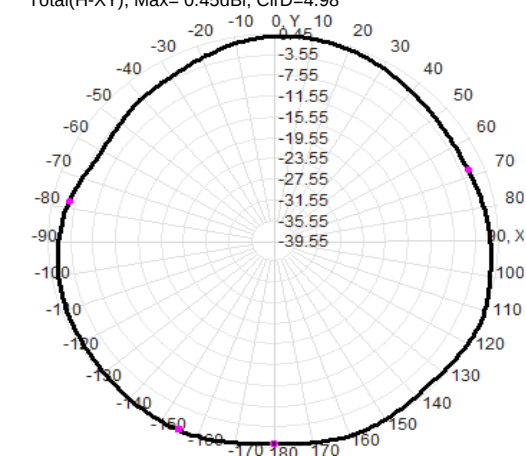
Back View



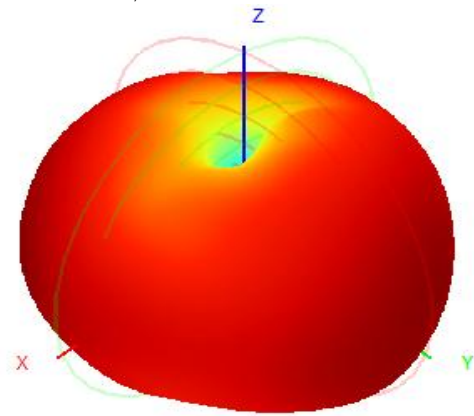
2420.0MHz Total(E2-YZ), Max= 0.08dBi



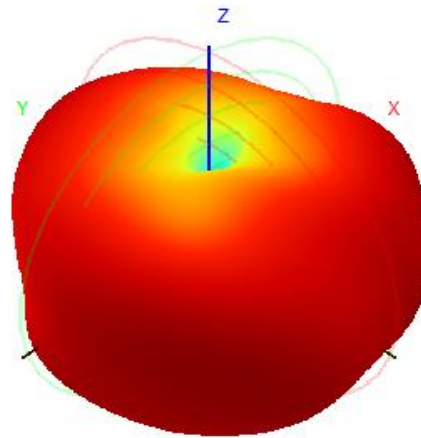
Total(H-XY), Max= 0.45dBi, CirD=4.98



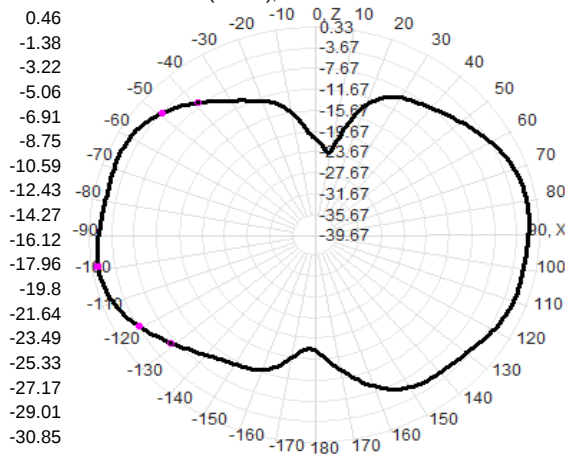
2440.0MHz H+V, Eff: 49.4%



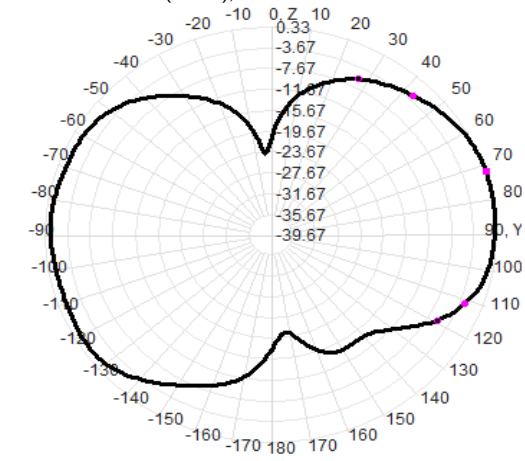
Back View



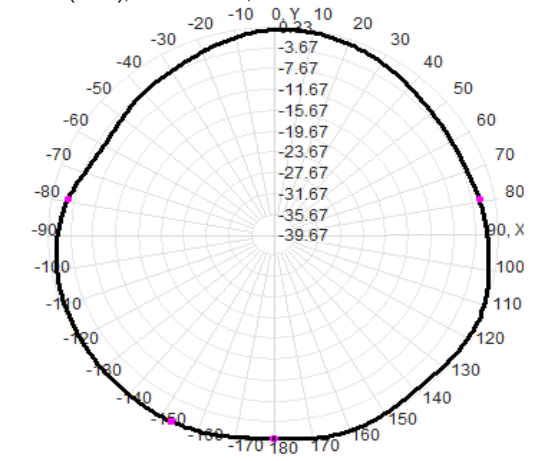
2440.0MHz Total(E1-XZ), Max= -0.89dBi



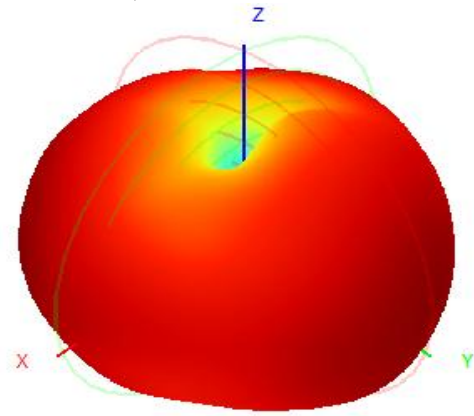
2440.0MHz Total(E2-YZ), Max= 0.13dBi



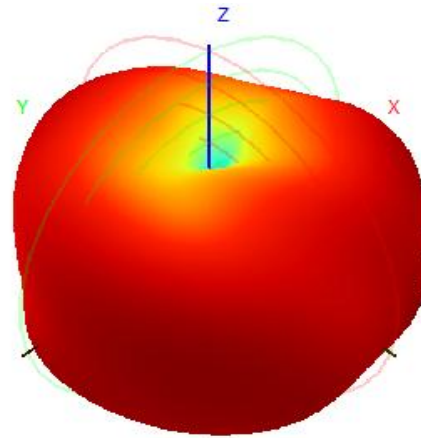
Total(H-XY), Max= 0.33dBi, CirD=5.48



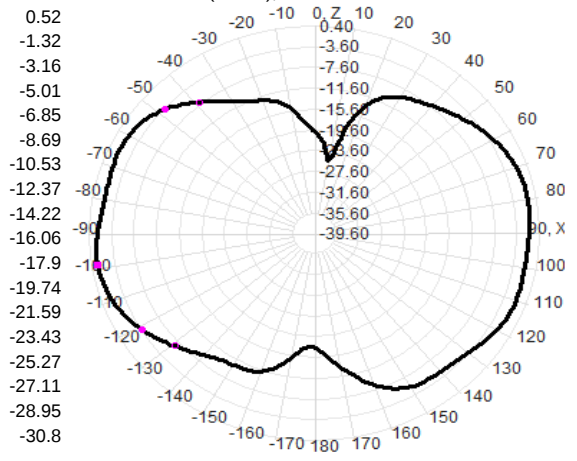
2450.0MHz H+V, Eff: 51.2%



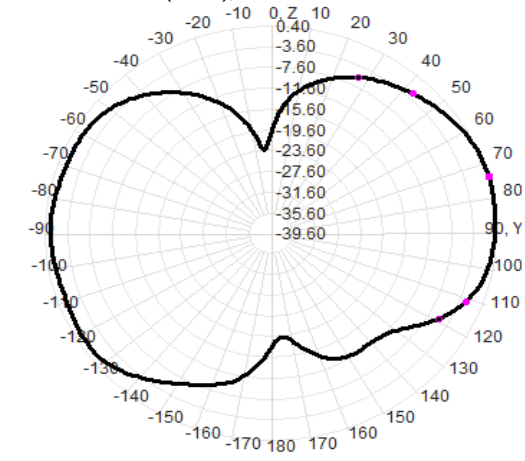
Back View



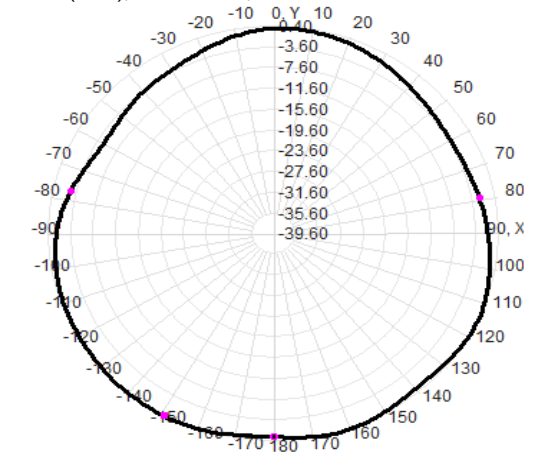
2450.0MHz Total(E1-XZ), Max= -0.74dBi



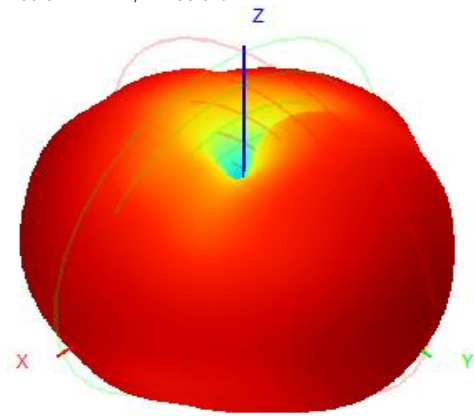
2450.0MHz Total(E2-YZ), Max= 0.32dBi



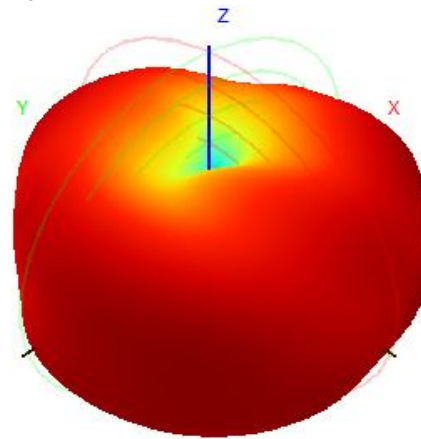
Total(H-XY), Max= 0.40dBi, CirD=5.28



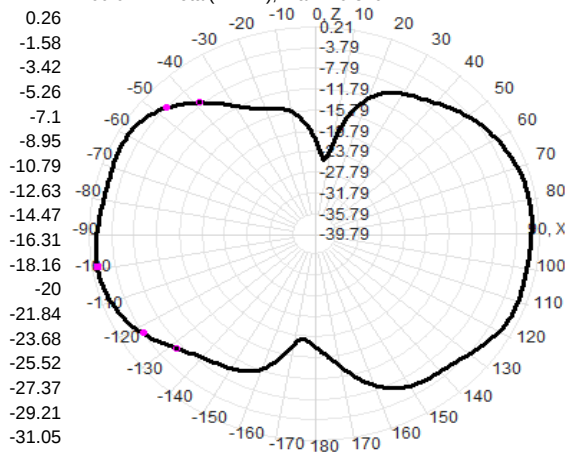
2460.0MHz H+V, Eff: 50.0%



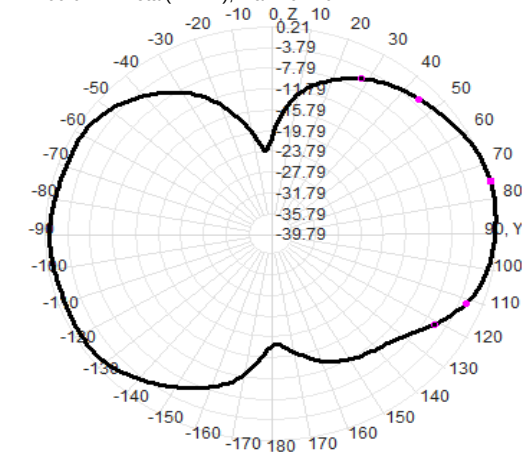
Back View



2460.0MHz Total(E1-XZ), Max= -0.82dBi



2460.0MHz Total(E2-YZ), Max= 0.21dBi



Total(H-XY), Max= 0.20dBi, CirD=5.07

