产品规格书

PRODUCT SPECIFICATION

Manufacturer: Huaxin Communication Equipment (Shenzhen) Co., LTD

Manufacturer's address: 102, No.194, Lane 29, Dongxinling, West Ring Road, Buji Street, Longgang District, Shenzhen City

Product description: 2.4G-5.8G Terminal Antenna

Uni Link’s part number:

Issue Date: 2021-06-10

联系人：化艳红 17727581805

术指标（PRODUCT TECHNICAL SPECIFICATION）

电性能指标 Electrical Specifications	
频率范围 Frequency Range (MHz)	2400-2500-5750-5850
频带宽度 Bandwidth (MHz)	100
输入阻抗 Input Impendence (Ω)	50
电压驻波比 V.S.W.R	≤3
增益 Gain (dBi)	1
极化形式 Polarization Type	垂直 Vertical
功率容量 Power Capacity (w)	10
机械指标 Mechanical Specifications	
天线长度 Antenna Length (mm)	120mm
辐射体 Radiator	铜 Cuprum

连接器型号 Connect Type	一代 IPEX
工作温度 Working Temp(℃)	-40~60
外壳颜色 Radome Color	黑色 Black
重量 Weight (g)	

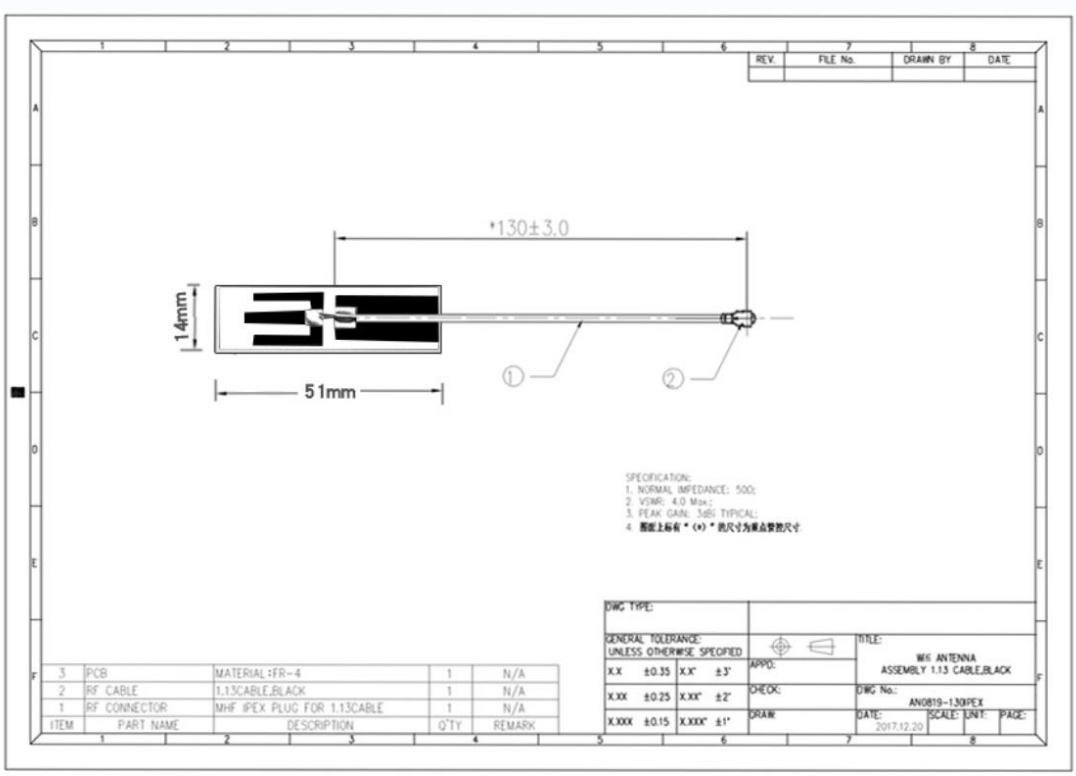
Product introduction

The antenna is specially designed and produced for wireless network card. The antenna has the advantages of beautiful appearance, small structure and convenient installation.

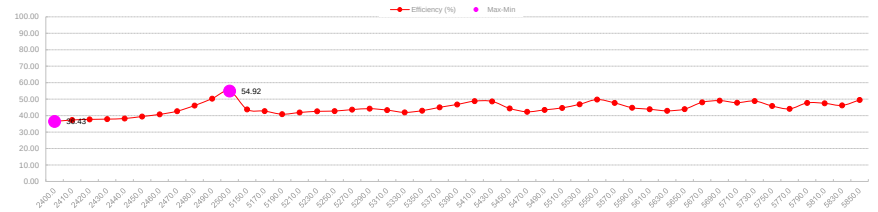
2、产品图片（PRODUCT PICTURE）

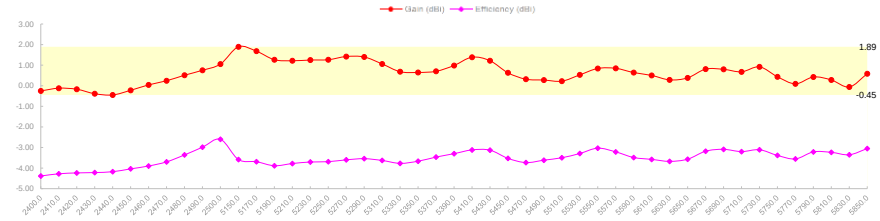
3.驻波图（STATIONARY WAVE PATTERN）

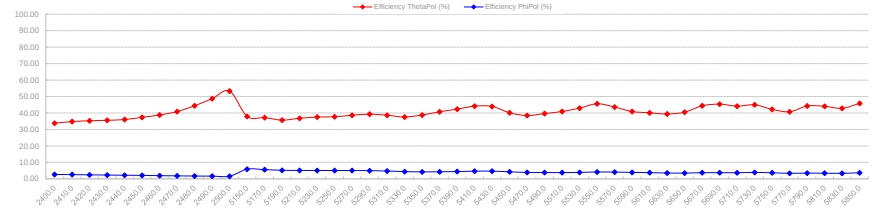
4.产品规格 (Specifications)

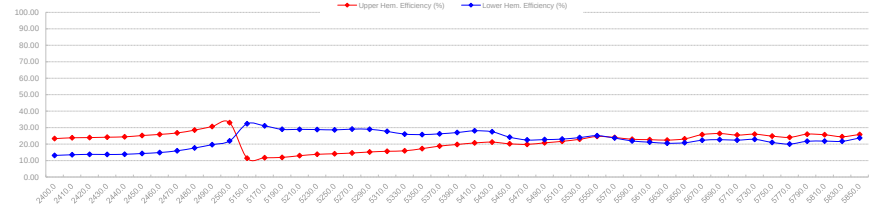


Frequency ID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47
Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0	5150.0	5170.0	5190.0	5210.0	5230.0	5250.0	5270.0	5290.0	5310.0	5330.0	5350.0	5370.0	5390.0	5410.0	5430.0	5450.0	5470.0	5490.0	5510.0	5530.0	5550.0	5570.0	5590.0	5610.0	5630.0	5650.0	5670.0	5690.0	5710.0	5730.0	5750.0	5770.0	5790.0	5810.0	5830.0	5850.0
Efficiency (dBi)	-4.39	-4.28	-4.24	-4.22	-4.18	-4.04	-3.90	-3.70	-3.36	-2.98	-2.60	-3.59	-3.69	-3.89	-3.78	-3.71	-3.69	-3.60	-3.54	-3.63	-3.77	-3.67	-3.47	-3.30	-3.12	-3.13	-3.53	-3.73	-3.62	-3.50	-3.29	-3.03	-3.21	-3.49	-3.58	-3.67	-3.57	-3.18	-3.09	-3.20	-3.11	-3.39	-3.56	-3.21	-3.24	-3.35	-3.05
Gain (dBi)	-0.25	-0.12	-0.17	-0.39	-0.45	-0.22	0.04	0.24	0.51	0.75	1.05	1.89	1.68	1.26	1.21	1.25	1.27	1.42	1.40	1.06	0.68	0.65	0.70	0.98	1.39	1.22	0.63	0.32	0.28	0.22	0.53	0.84	0.85	0.64	0.50	0.29	0.38	0.81	0.80	0.68	0.92	0.44	0.09	0.43	0.28	-0.06	0.58
Efficiency (%)	36.43	37.34	37.71	37.86	38.22	39.47	40.74	42.67	46.12	50.30	54.92	43.79	42.75	40.86	41.89	42.60	42.76	43.66	44.22	43.35	41.96	42.99	45.03	46.77	48.78	48.65	44.39	42.33	43.49	44.69	46.87	49.75	47.71	44.81	43.87	42.92	43.96	48.07	49.10	47.86	48.87	45.86	44.10	47.72	47.47	46.20	49.52
Directivity (dB)	4.13	4.16	4.07	3.83	3.73	3.82	3.94	3.94	3.87	3.74	3.66	5.48	5.37	5.15	4.99	4.96	4.95	5.02	4.94	4.69	4.45	4.31	4.17	4.28	4.50	4.35	4.16	4.05	3.89	3.72	3.82	3.87	4.06	4.13	4.08	3.96	3.95	3.99	3.89	3.88	4.03	3.82	3.65	3.64	3.52	3.29	3.64
Peak Gain Position (Theta)	86.00	86.00	86.00	86.00	70.00	69.00	68.00	68.00	68.00	69.00	71.00	111.00	106.00	106.00	112.00	112.00	112.00	112.00	112.00	113.00	111.00	111.00	111.00	110.00	110.00	112.00	113.00	113.00	112.00	111.00	61.00	113.00	114.00	114.00	114.00	64.00	63.00	62.00	61.00	115.00	114.00	113.00	112.00	111.00	109.00	109.00	116.00
Peak Gain Position (Phi)	128.00	128.00	126.00	123.00	250.00	250.00	247.00	246.00	246.00	245.00	243.00	94.00	262.00	263.00	93.00	96.00	97.00	97.00	97.00	100.00	83.00	79.00	79.00	79.00	78.00	84.00	89.00	87.00	83.00	80.00	250.00	91.00	92.00	90.00	89.00	228.00	243.00	259.00	268.00	90.00	84.00	78.00	74.00	69.00	63.00	62.00	109.00
Efficiency ThetaPol (%)	33.78	34.78	35.28	35.55	36.03	37.37	38.79	40.87	44.41	48.67	53.32	37.93	37.16	35.68	36.79	37.52	37.70	38.61	39.27	38.62	37.55	38.75	40.74	42.34	44.14	43.97	40.14	38.44	39.66	40.90	42.96	45.59	43.61	40.90	40.10	39.39	40.47	44.36	45.36	44.17	44.96	42.21	40.74	44.23	44.05	42.85	45.84
Efficiency PhiPol (%)	2.66	2.56	2.43	2.31	2.19	2.09	1.94	1.80	1.71	1.63	1.60	5.86	5.58	5.18	5.10	5.08	5.06	5.05	4.96	4.73	4.41	4.24	4.29	4.43	4.64	4.68	4.25	3.89	3.83	3.79	3.91	4.15	4.10	3.91	3.78	3.53	3.50	3.71	3.74	3.70	3.91	3.65	3.36	3.48	3.42	3.35	3.69
Upper Hem. Efficiency (%)	23.32	23.83	23.95	24.18	24.41	25.19	25.88	26.76	28.49	30.66	33.02	11.43	11.69	11.91	12.95	13.79	14.13	14.57	15.21	15.63	15.91	17.22	18.79	19.75	20.69	21.18	20.17	19.83	20.76	21.66	22.91	24.64	24.02	22.92	22.71	22.41	23.16	25.75	26.40	25.48	26.01	24.84	24.09	26.01	25.66	24.50	25.83
Lower Hem. Efficiency (%)	13.11	13.51	13.76	13.68	13.82	14.28	14.86	15.92	17.63	19.64	21.90	32.36	31.06	28.96	28.94	28.82	28.64	29.08	29.01	27.72	26.05	25.77	26.24	27.02	28.08	27.46	24.22	22.50	22.73	23.02	23.96	25.11	23.69	21.88	21.17	20.51	20.80	22.32	22.70	22.38	22.87	21.02	20.01	21.71	21.81	21.70	23.69
T90(H)圆度	4.32	3.71	3.19	2.76	2.46	2.35	2.47	2.70	2.98	3.08	2.98	4.28	3.91	3.10	2.98	3.09	3.26	3.90	4.71	4.86	4.07	3.32	3.54	4.27	4.90	5.20	5.94	5.58	4.56	4.34	5.25	6.10	5.96	5.56	5.43	5.11	4.70	5.46	6.39	6.49	5.94	5.68	5.53	5.35	5.81	6.89	7.27
Gain 15deg (dBi)																																																
E1(XZ)波瓣宽度	62.00	61.00	61.00	63.00	66.00	67.00	67.00	67.00	67.00	67.00	67.00	34.00	35.00	37.00	36.00	34.00	33.00	30.00	29.00	29.00	29.00	29.00	28.00	28.00	26.00	25.00	24.00	25.00	26.00	27.00	26.00	26.00	24.00	24.00	26.00	28.00	27.00	26.00	26.00	25.00	23.00	26.00	26.00	25.00	64.00	65.00	23.00
E1(XZ)前后比	4.64	5.15	5.41	5.43	5.29	5.16	5.31	5.26	4.97	4.78	4.71	3.95	3.93	4.16	4.50	4.46	4.37	4.64	4.90	4.79	4.69	4.83	5.04	5.41	5.82	5.91	5.76	5.29	5.01	5.30	5.73	6.12	6.61	6.54	6.11	5.73	5.68	6.04	6.44	7.05	7.26	6.58	5.81	5.41	5.44	5.92	6.64
E2(YZ)波瓣宽度	54.00	55.00	58.00	59.00	60.00	59.00	59.00	58.00	59.00	60.00	62.00	28.00	28.00	30.00	30.00	31.00	31.00	30.00	28.00	29.00	31.00	33.00	35.00	32.00	28.00	28.00	30.00	34.00	40.00	43.00	43.00	31.00	27.00	26.00	28.00	42.00	24.00	24.00	24.00	28.00	27.00	40.00	73.00	27.00	27.00	75.00	39.00
E2(YZ)前后比	4.32	4.41	4.45	4.58	4.65	4.84	5.09	5.25	5.27	5.11	5.09	5.66	5.62	5.64	5.72	5.88	6.01	6.20	6.15	5.66	5.48	5.79	6.11	6.43	6.78	6.88	6.93	6.75	6.67	6.77	7.13	7.81	8.33	8.26	7.91	7.65	7.58	8.15	8.85	9.59	9.46	8.38	7.57	7.22	7.63	7.98	8.90
最大增益处轴比(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	1.50
仰角10度最差(大)轴比(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	1.50
Hc(XY)波瓣宽度	246.00	294.00	330.00	360.00	360.00	360.00	360.00	360.00	360.00	344.00	360.00	119.00	324.00	351.00	360.00	343.00	148.00	140.00	272.00	280.00	315.00	342.00	335.00	317.00	299.00	287.00	268.00	259.00	299.00	307.00	280.00	258.00	251.00	252.00	251.00	260.00	284.00	274.00	255.00	245.00	252.00	260.00	261.00	263.00	263.00	250.00	235.00
Hc(XY)前后比	1.38	1.21	1.13	1.11	1.23	1.42	1.56	1.56	1.48	1.24	0.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.08	0.00	0.00	0.01	0.02	0.42	0.59	0.47	0.27	0.09	0.11	0.19	0.24	0.68	0.39	0.28	0.24	0.24	0.22	0.19	0.45	0.69	0.53
Empty																																															

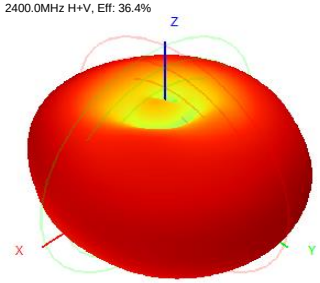




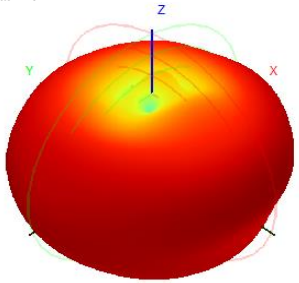




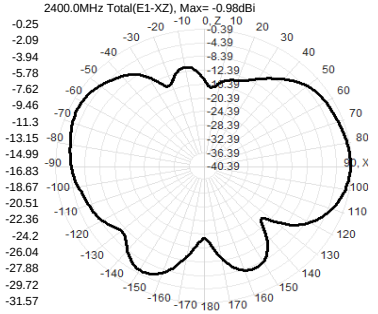
2400.0MHz H+V, Eff: 36.4%



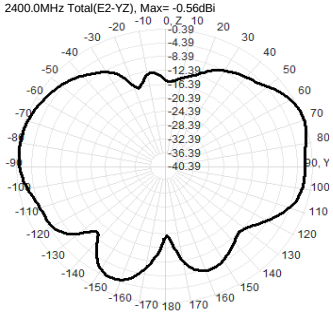
Back View



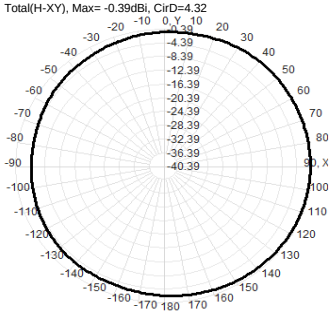
2400.0MHz Total(E1-XZ), Max= -0.98dBi



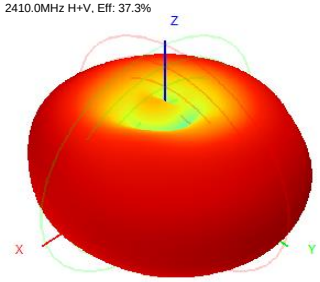
2400.0MHz Total(E2-YZ), Max= -0.56dBi



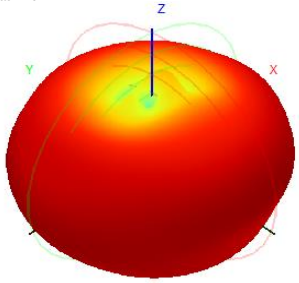
Total(H-XY), Max= -0.39dBi, CirD=4.32



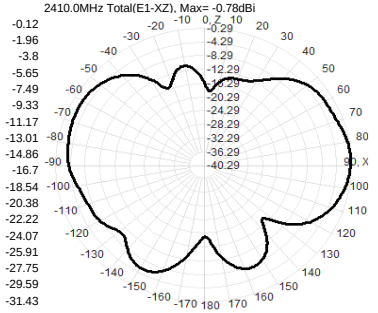
2410.0MHz H+V, Eff: 37.3%



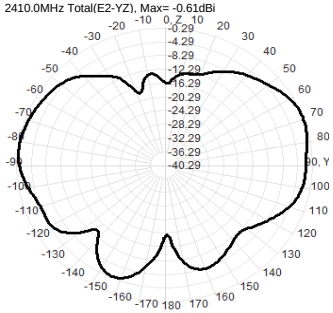
Back View



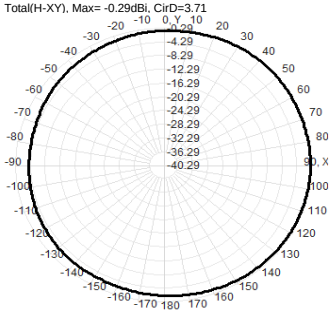
2410.0MHz Total(E1-XZ), Max= -0.78dBi



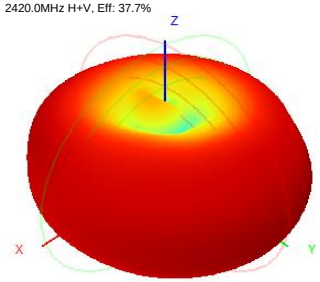
2410.0MHz Total(E2-YZ), Max= -0.61dBi



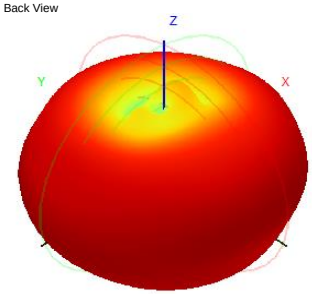
Total(H-XY), Max= -0.29dBi, CirD=3.71



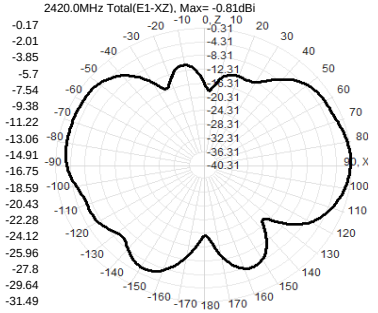
2420.0MHz H+V, Eff: 37.7%



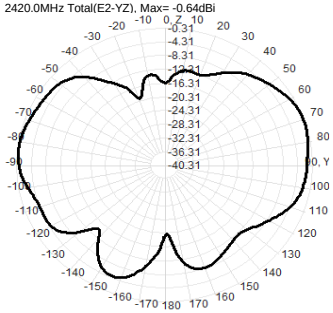
Back View



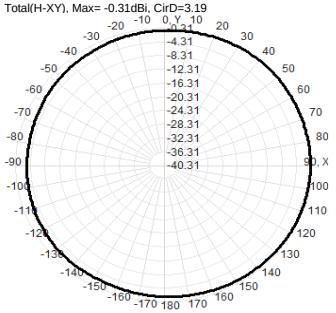
2420.0MHz Total(E1-XZ), Max= -0.81dBi



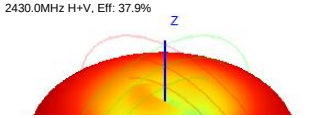
2420.0MHz Total(E2-YZ), Max= -0.64dBi



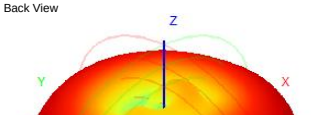
Total(H-XY), Max= -0.31dBi, CirD=3.19



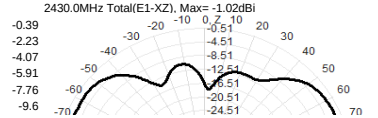
2430.0MHz H+V, Eff: 37.9%



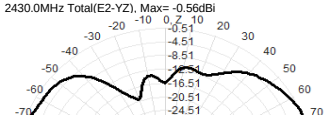
Back View



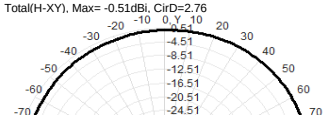
2430.0MHz Total(E1-XZ), Max= -1.02dBi

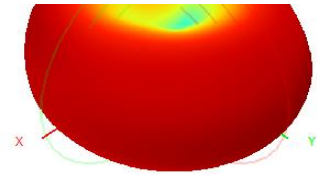


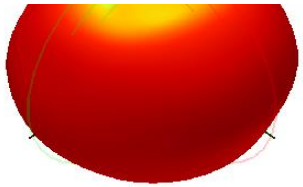
2430.0MHz Total(E2-YZ), Max= -0.56dBi

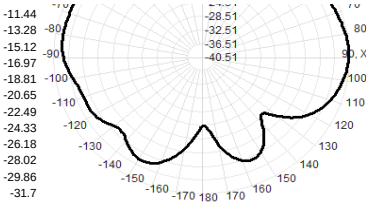


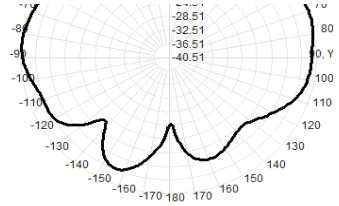
Total(H-XY), Max= -0.51dBi, CirD=2.76

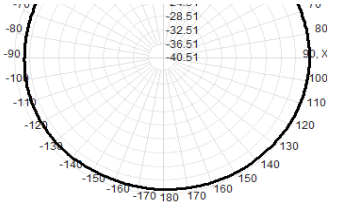




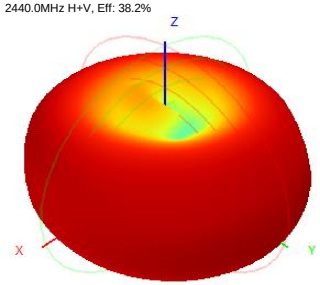




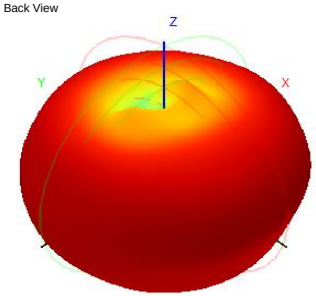




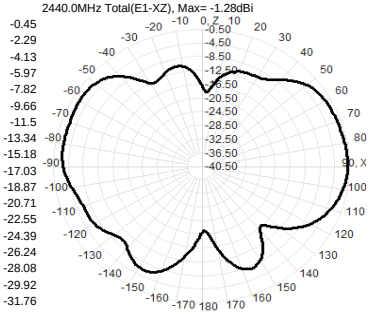
2440.0MHz H+V, Eff: 38.2%



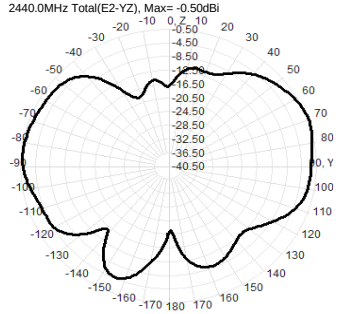
Back View



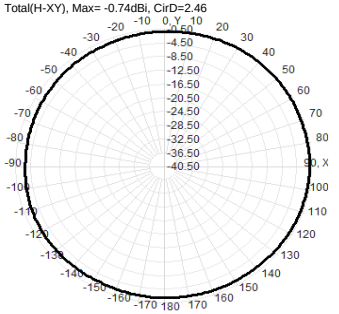
2440.0MHz Total(E1-XZ), Max= -1.28dBi



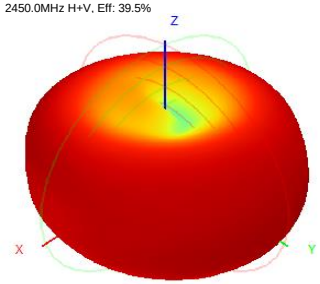
2440.0MHz Total(E2-YZ), Max= -0.50dBi



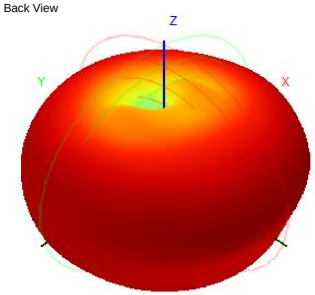
Total(H-XY), Max= -0.74dBi, CirD=2.46



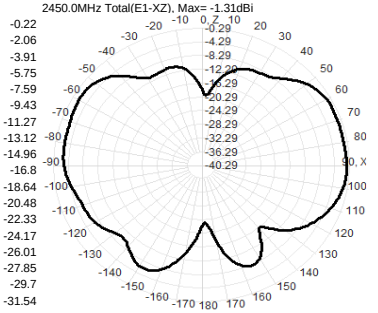
2450.0MHz H+V, Eff: 39.5%



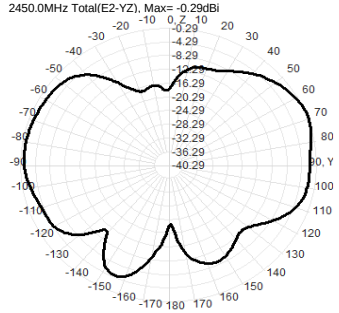
Back View



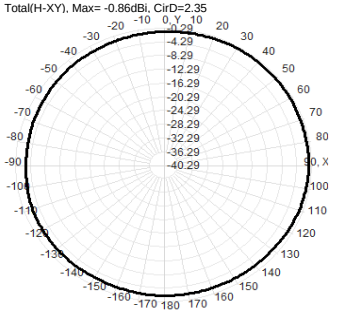
2450.0MHz Total(E1-XZ), Max= -1.31dBi



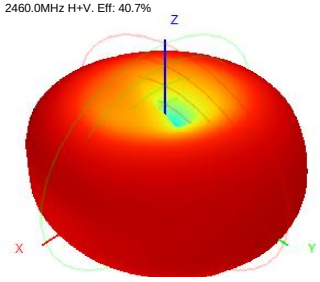
2450.0MHz Total(E2-YZ), Max= -0.29dBi



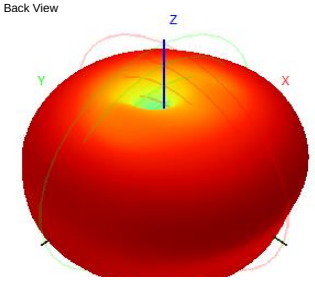
Total(H-XY), Max= -0.86dBi, CirD=2.35



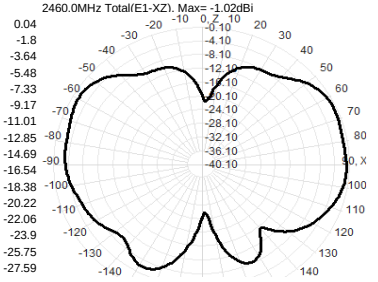
2460.0MHz H+V, Eff: 40.7%



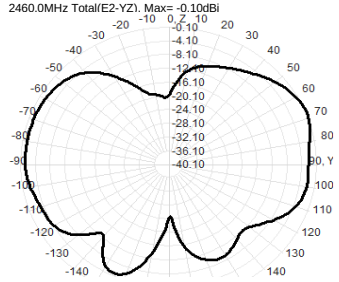
Back View



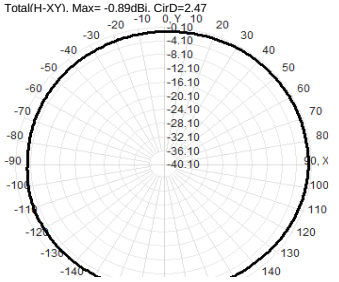
2460.0MHz Total(E1-XZ), Max= -1.02dBi

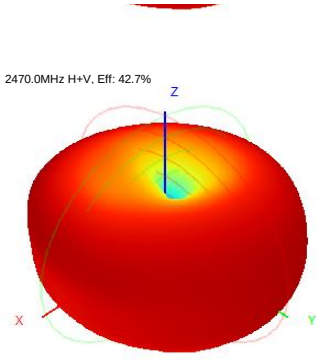


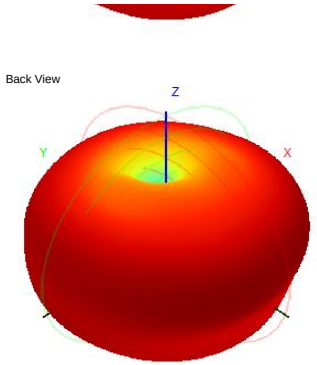
2460.0MHz Total(E2-YZ), Max= -0.10dBi

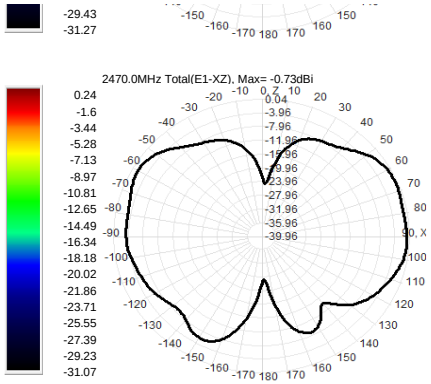


Total(H-XY), Max= -0.89dBi, CirD=2.47

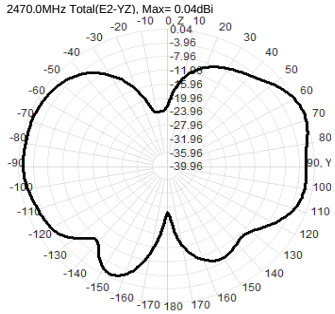


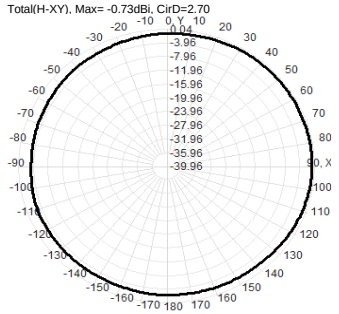

2470.0MHz H+V, Eff: 42.7%
Z
X
Y

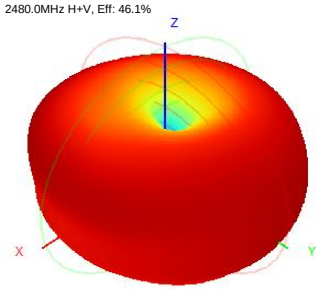

Back View
Z
Y
X

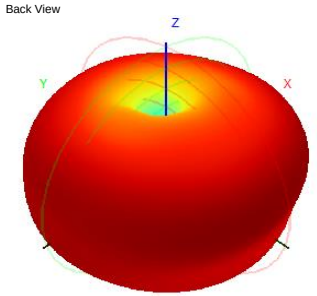

0.24
-1.6
-3.44
-5.28
-7.13
-8.97
-10.81
-12.65
-14.49
-16.34
-18.18
-20.02
-21.86
-23.71
-25.55
-27.39
-29.23
-31.07

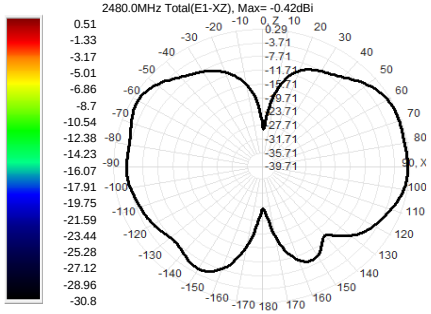
2470.0MHz Total(E1-XZ), Max= -0.73dBi


2470.0MHz Total(E2-YZ), Max= 0.04dBi

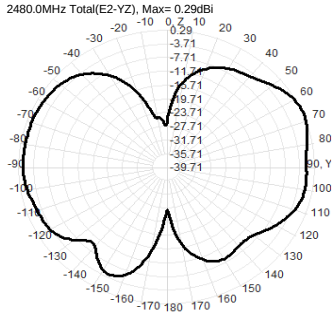

Total(H-XY), Max= -0.73dBi, CirD=2.70

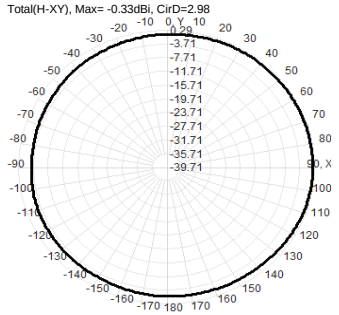

2480.0MHz H+V, Eff: 46.1%
Z
X
Y

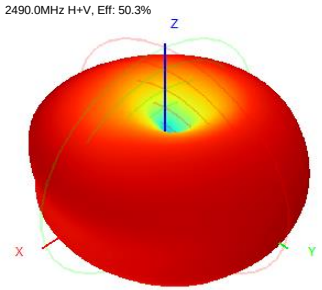

Back View
Z
Y
X

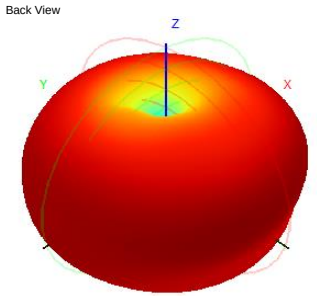

0.51
-1.33
-3.17
-5.01
-6.86
-8.7
-10.54
-12.38
-14.23
-16.07
-17.91
-19.75
-21.59
-23.44
-25.28
-27.12
-28.96
-30.8

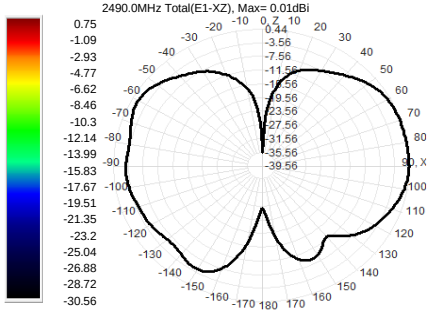
2480.0MHz Total(E1-XZ), Max= -0.42dBi


2480.0MHz Total(E2-YZ), Max= 0.29dBi

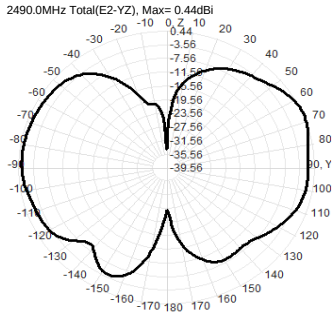

Total(H-XY), Max= -0.33dBi, CirD=2.98

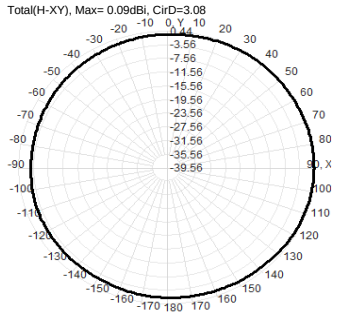

2490.0MHz H+V, Eff: 50.3%
Z
X
Y

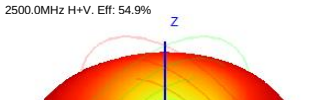

Back View
Z
Y
X

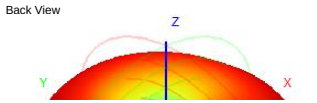

0.75
-1.09
-2.93
-4.77
-6.62
-8.46
-10.3
-12.14
-13.99
-15.83
-17.67
-19.51
-21.35
-23.2
-25.04
-26.88
-28.72
-30.56

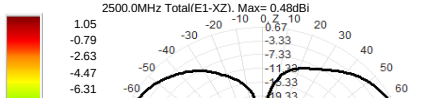
2490.0MHz Total(E1-XZ), Max= 0.01dBi


2490.0MHz Total(E2-YZ), Max= 0.44dBi

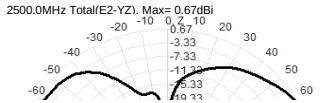

Total(H-XY), Max= 0.09dBi, CirD=3.08

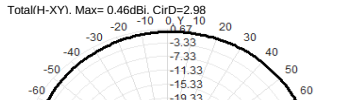

2500.0MHz H+V, Eff: 54.9%
Z

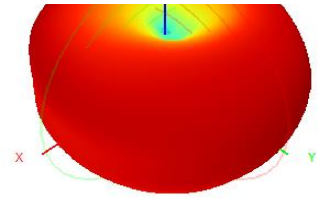

Back View
Z
Y
X

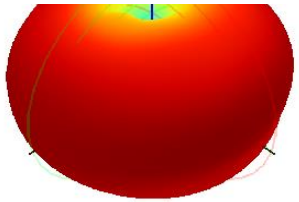

1.05
-0.79
-2.63
-4.47
-6.31

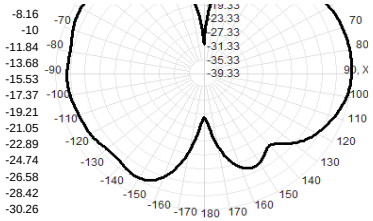
2500.0MHz Total(E1-XZ), Max= 0.48dBi

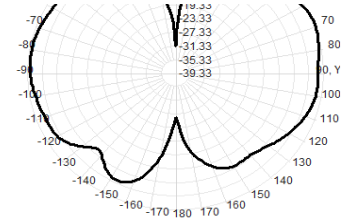

2500.0MHz Total(E2-YZ), Max= 0.67dBi

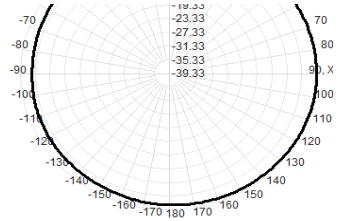

Total(H-XY), Max= 0.46dBi, CirD=2.98



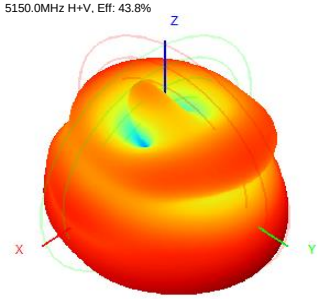




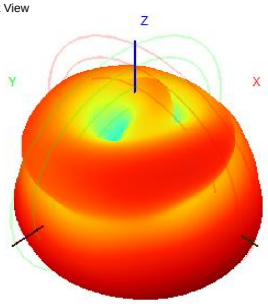




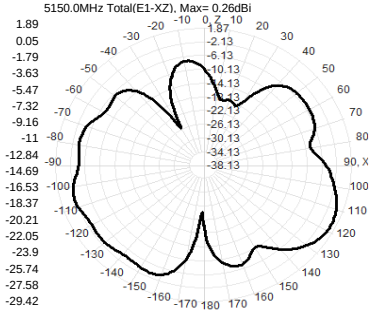
5150.0MHz H+V, Eff: 43.8%



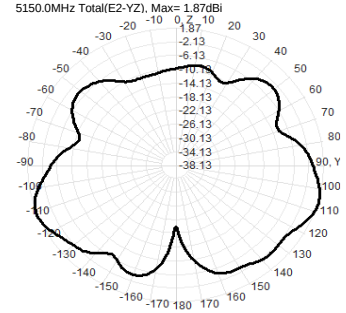
Back View



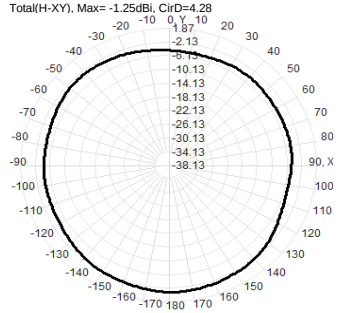
5150.0MHz Total(E1-XZ), Max= 0.26dBi



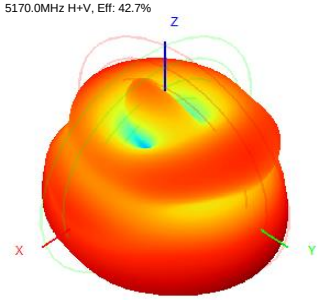
5150.0MHz Total(E2-YZ), Max= 1.87dBi



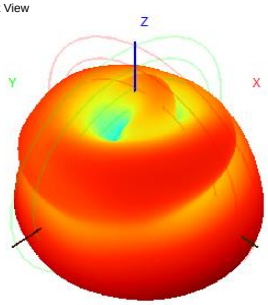
Total(H-XY), Max= -1.25dBi, CirD=4.28



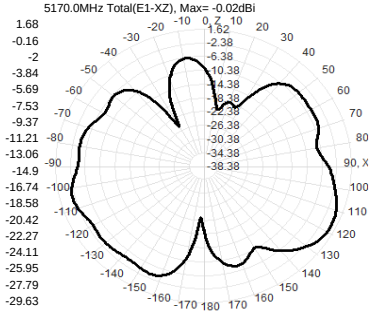
5170.0MHz H+V, Eff: 42.7%



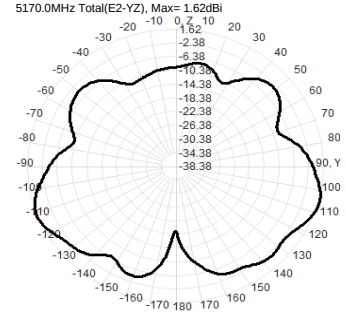
Back View



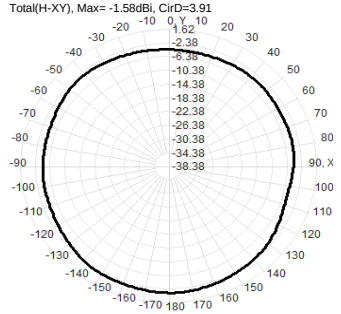
5170.0MHz Total(E1-XZ), Max= -0.02dBi



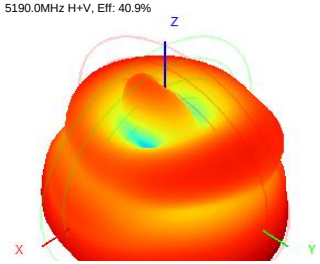
5170.0MHz Total(E2-YZ), Max= 1.62dBi



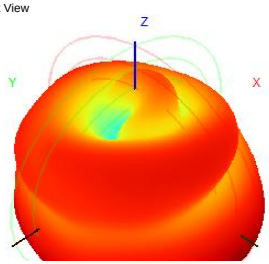
Total(H-XY), Max= -1.58dBi, CirD=3.91



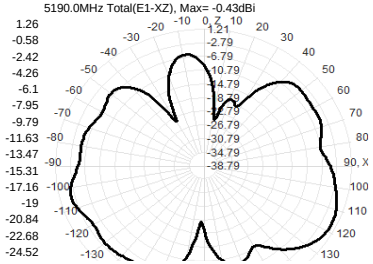
5190.0MHz H+V, Eff: 40.9%



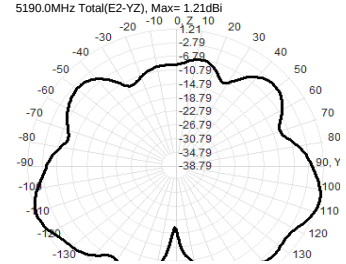
Back View



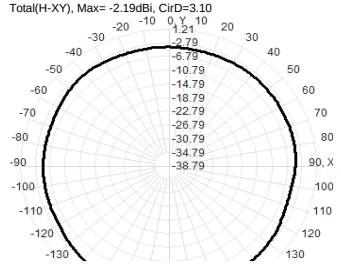
5190.0MHz Total(E1-XZ), Max= -0.43dBi



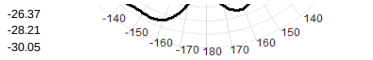
5190.0MHz Total(E2-YZ), Max= 1.21dBi

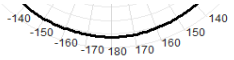
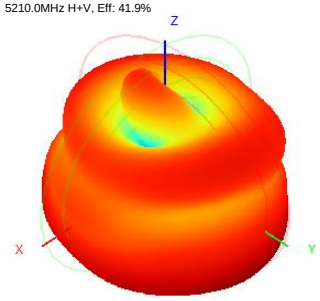
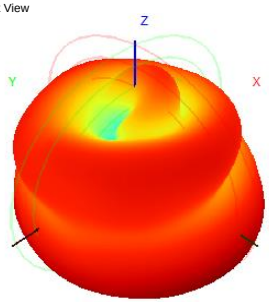


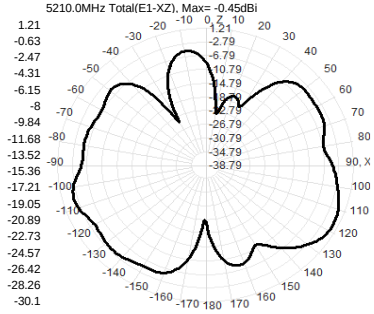
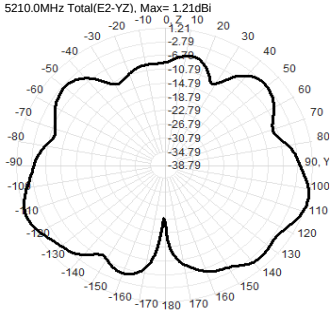
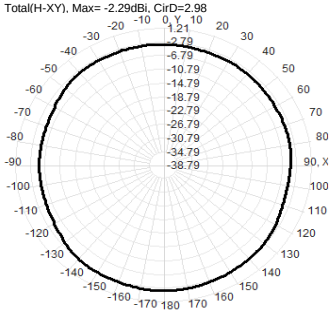
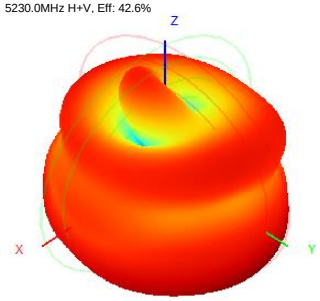
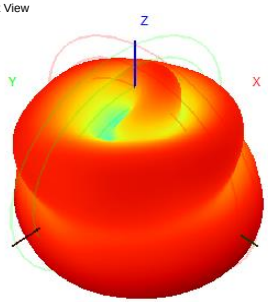
Total(H-XY), Max= -2.19dBi, CirD=3.10

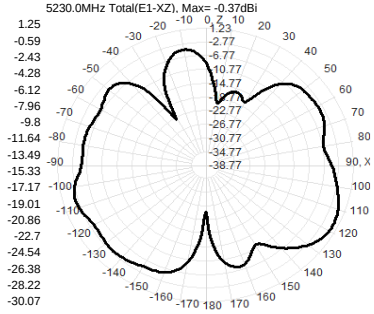
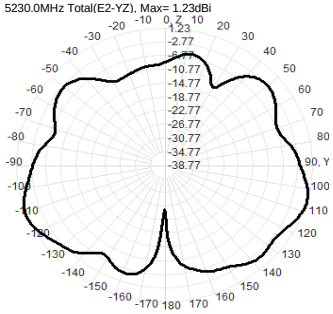
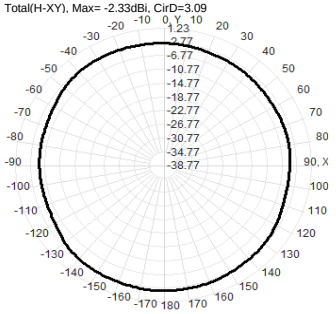
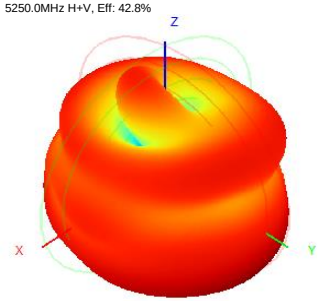
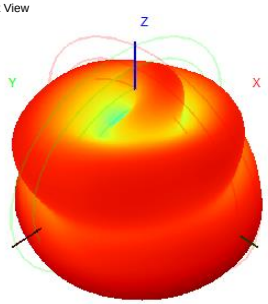


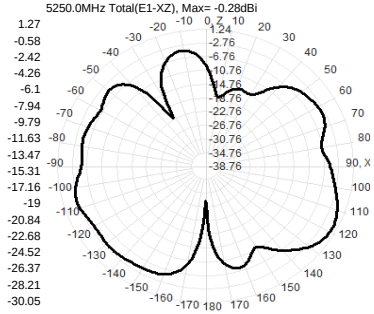
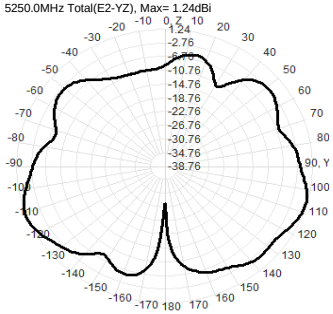
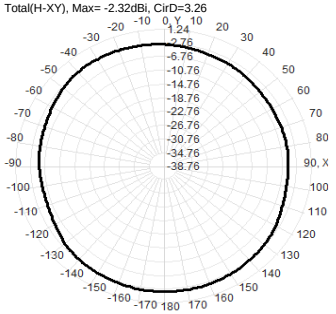
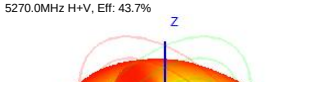
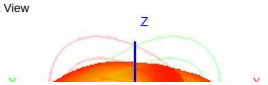


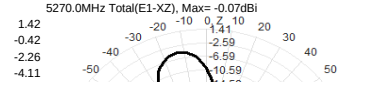
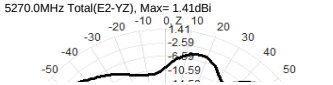
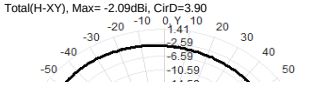



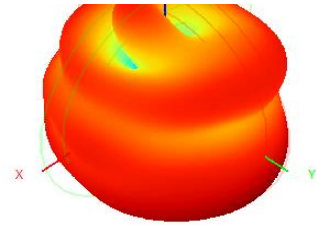

5210.0MHz H+V, Eff: 41.9%

Back View


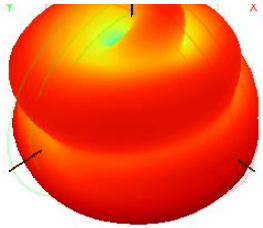
5210.0MHz Total(E1-XZ), Max= -0.45dBi

5210.0MHz Total(E2-YZ), Max= 1.21dBi

Total(H-XY), Max= -2.29dBi, CirD=2.98

5230.0MHz H+V, Eff: 42.6%

Back View


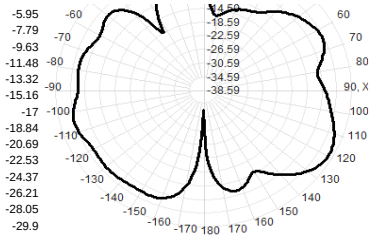
5230.0MHz Total(E1-XZ), Max= -0.37dBi

5230.0MHz Total(E2-YZ), Max= 1.23dBi

Total(H-XY), Max= -2.33dBi, CirD=3.09

5250.0MHz H+V, Eff: 42.8%

Back View


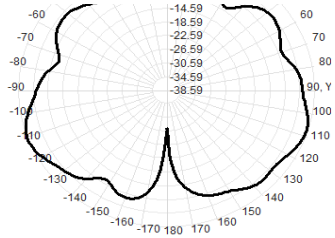
5250.0MHz Total(E1-XZ), Max= -0.28dBi

5250.0MHz Total(E2-YZ), Max= 1.24dBi

Total(H-XY), Max= -2.32dBi, CirD=3.26

5270.0MHz H+V, Eff: 43.7%

Back View


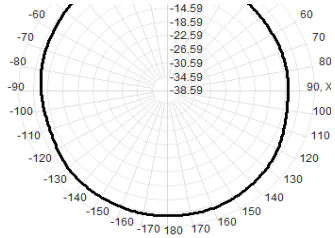
5270.0MHz Total(E1-XZ), Max= -0.07dBi

5270.0MHz Total(E2-YZ), Max= 1.41dBi

Total(H-XY), Max= -2.09dBi, CirD=3.90




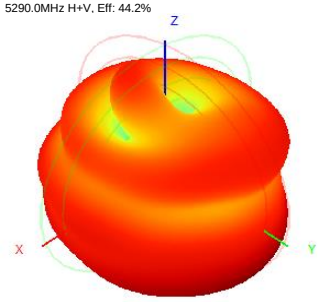




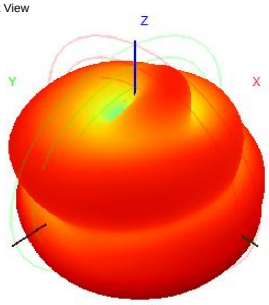




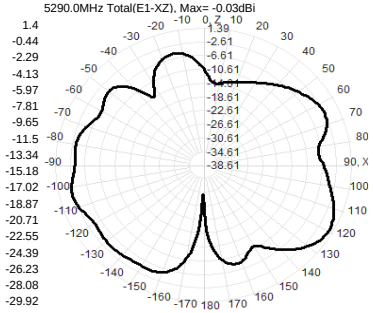
5290.0MHz H+V, Eff: 44.2%



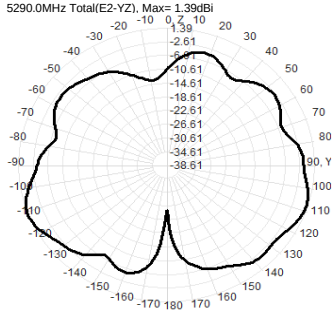
Back View



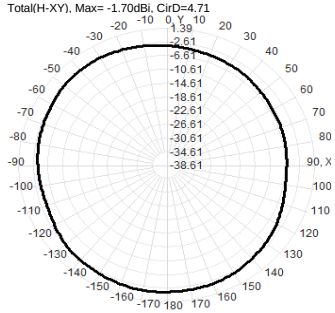
5290.0MHz Total(E1-XZ), Max= -0.03dBi



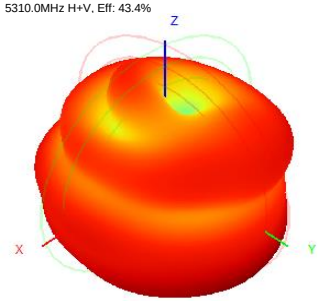
5290.0MHz Total(E2-YZ), Max= 1.39dBi



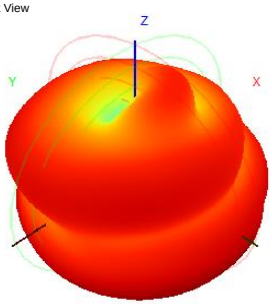
Total(H-XY), Max= -1.70dBi, CirD=4.71



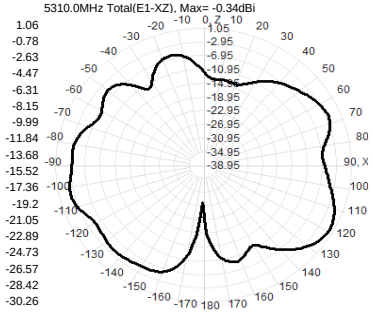
5310.0MHz H+V, Eff: 43.4%



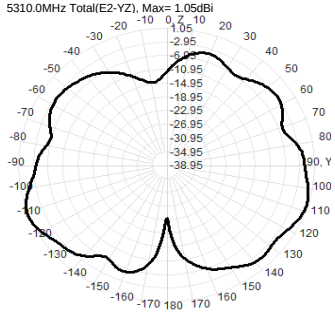
Back View



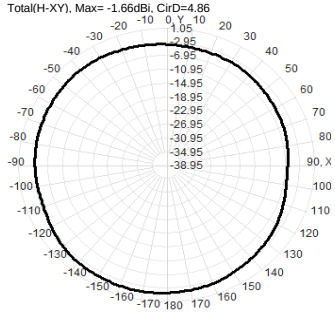
5310.0MHz Total(E1-XZ), Max= -0.34dBi



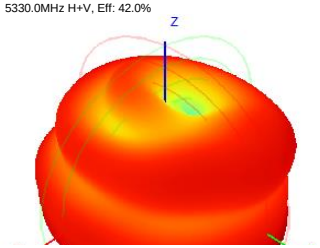
5310.0MHz Total(E2-YZ), Max= 1.05dBi



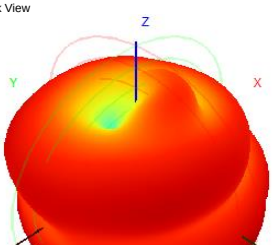
Total(H-XY), Max= -1.66dBi, CirD=4.86



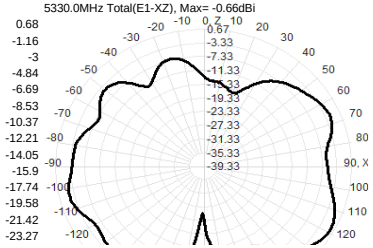
5330.0MHz H+V, Eff: 42.0%



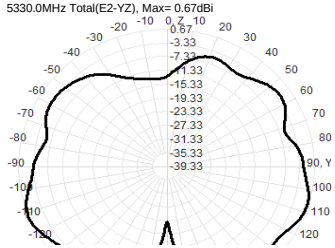
Back View



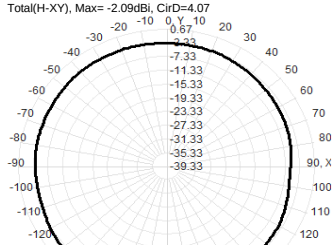
5330.0MHz Total(E1-XZ), Max= -0.66dBi

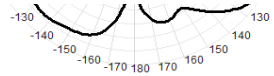


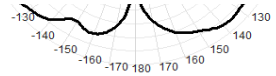
5330.0MHz Total(E2-YZ), Max= 0.67dBi

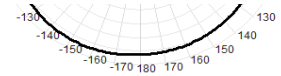


Total(H-XY), Max= -2.09dBi, CirD=4.07

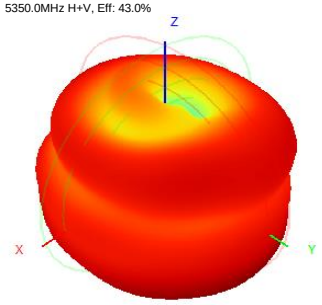




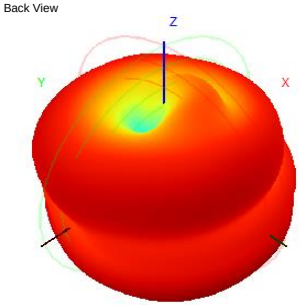




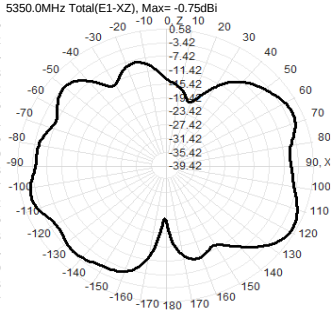
5350.0MHz H+V, Eff: 43.0%



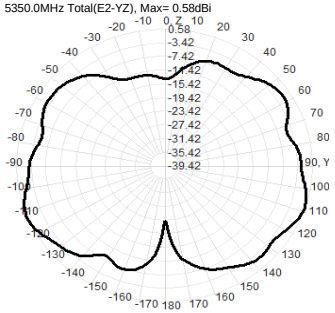
Back View



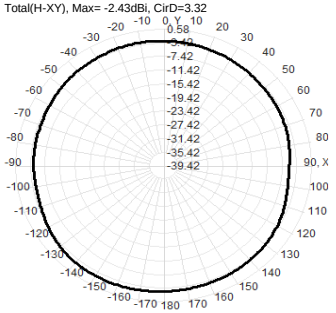
5350.0MHz Total(E1-XZ), Max= -0.75dBi



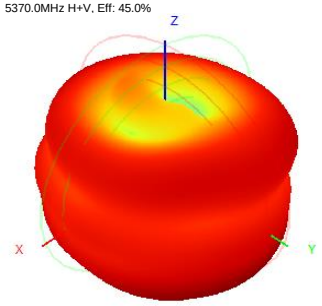
5350.0MHz Total(E2-YZ), Max= 0.58dBi



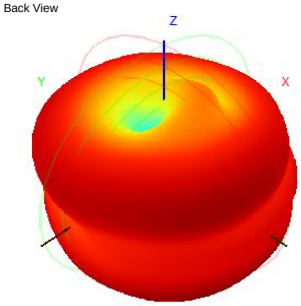
Total(H-XY), Max= -2.43dBi, CirD=3.32



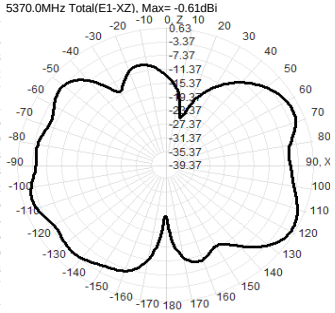
5370.0MHz H+V, Eff: 45.0%



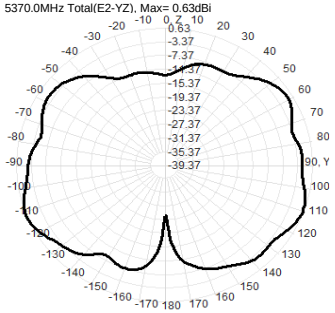
Back View



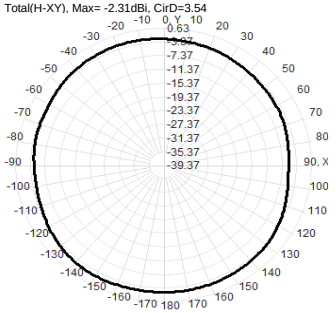
5370.0MHz Total(E1-XZ), Max= -0.61dBi



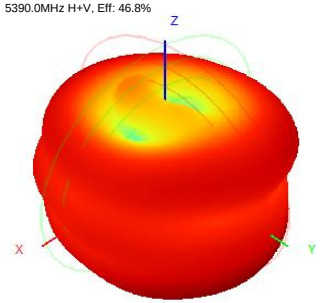
5370.0MHz Total(E2-YZ), Max= 0.63dBi



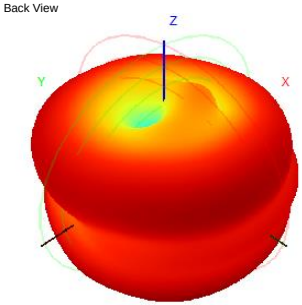
Total(H-XY), Max= -2.31dBi, CirD=3.54



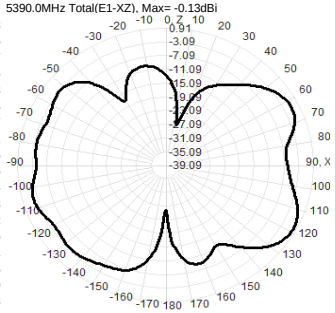
5390.0MHz H+V, Eff: 46.8%



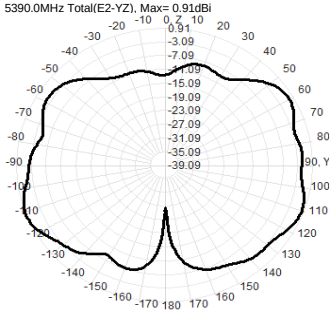
Back View



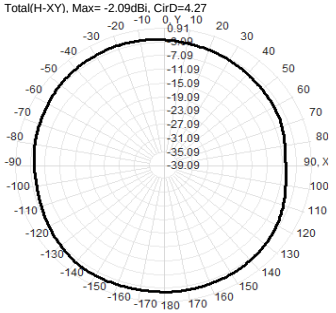
5390.0MHz Total(E1-XZ), Max= -0.13dBi



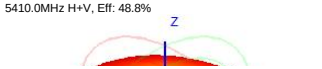
5390.0MHz Total(E2-YZ), Max= 0.91dBi



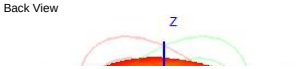
Total(H-XY), Max= -2.09dBi, CirD=4.27



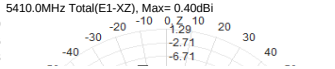
5410.0MHz H+V, Eff: 48.8%



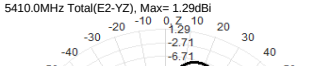
Back View



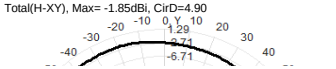
5410.0MHz Total(E1-XZ), Max= 0.40dBi

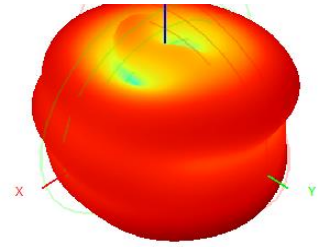


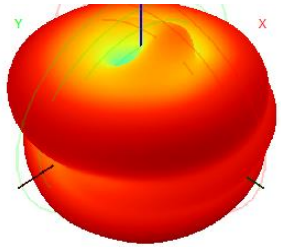
5410.0MHz Total(E2-YZ), Max= 1.29dBi

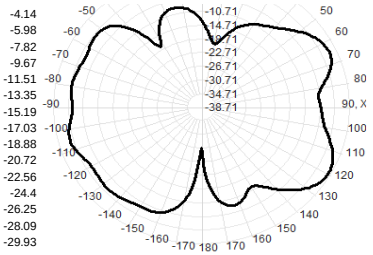


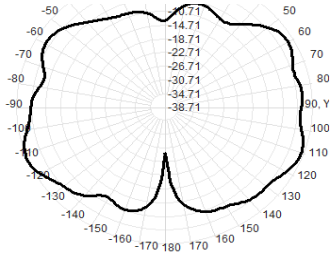
Total(H-XY), Max= -1.85dBi, CirD=4.90

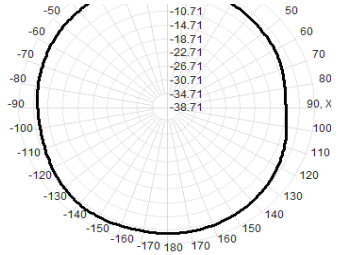




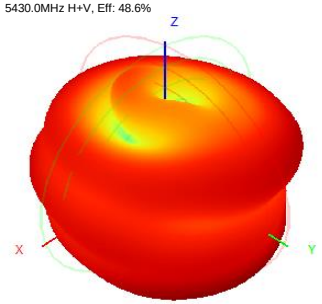




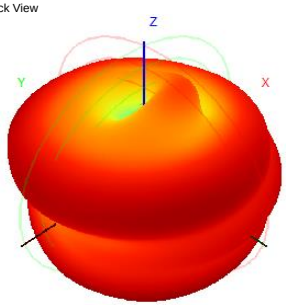




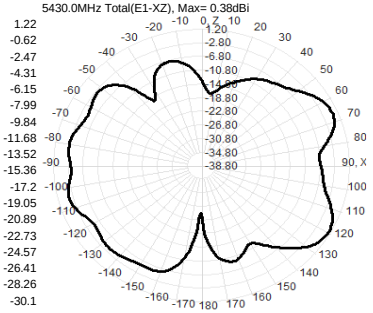
5430.0MHz H+V, Eff: 48.6%



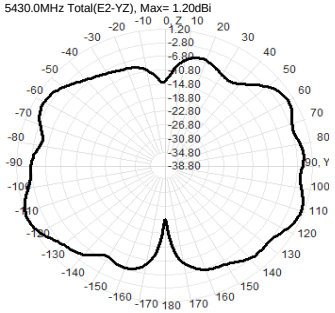
Back View



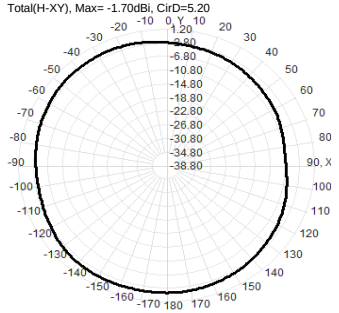
5430.0MHz Total(E1-XZ), Max= 0.38dBi



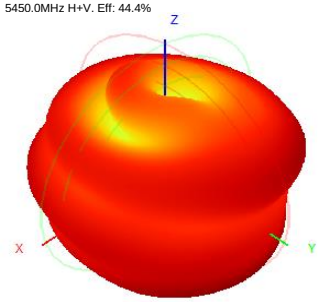
5430.0MHz Total(E2-YZ), Max= 1.20dBi



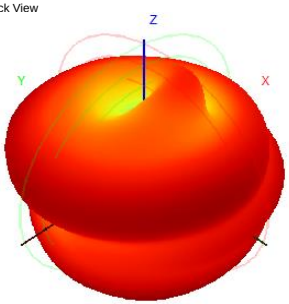
Total(H-XY), Max= -1.70dBi, CirD=5.20



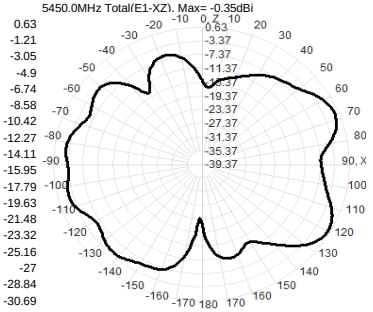
5450.0MHz H+V. Eff: 44.4%



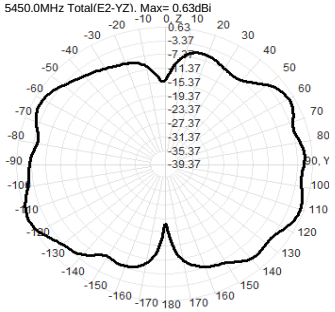
Back View



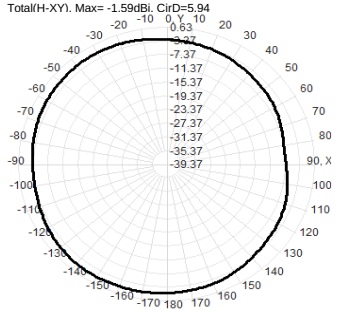
5450.0MHz Total(E1-XZ), Max= -0.35dBi



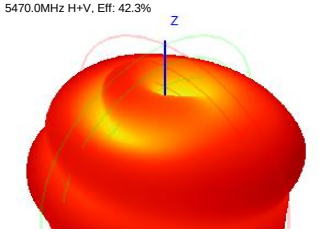
5450.0MHz Total(E2-YZ), Max= 0.63dBi



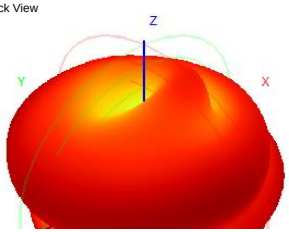
Total(H-XY), Max= -1.59dBi, CirD=5.94

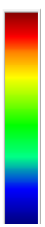


5470.0MHz H+V, Eff: 42.3%

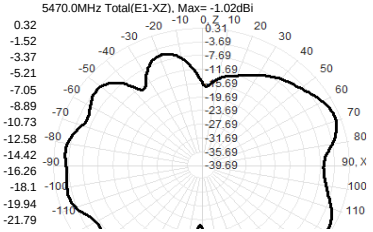


Back View

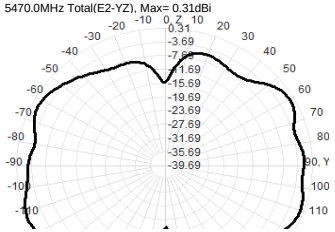




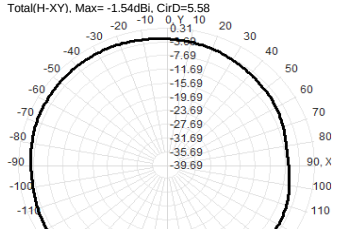
5470.0MHz Total(E1-XZ), Max= -1.02dBi

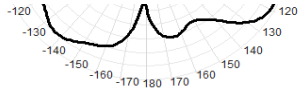


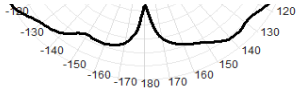
5470.0MHz Total(E2-YZ), Max= 0.31dBi

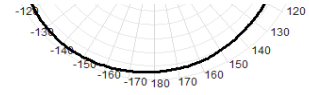


Total(H-XY), Max= -1.54dBi, CirD=5.58

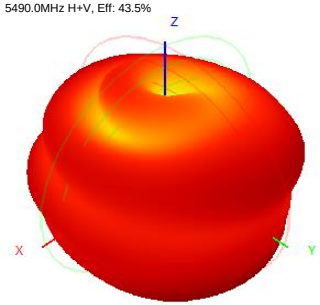




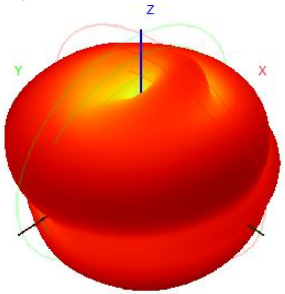




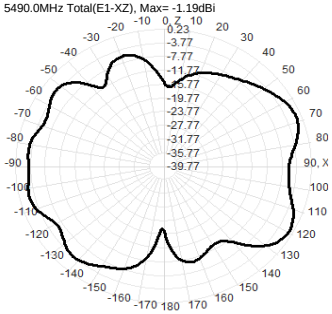
5490.0MHz H+V, Eff: 43.5%



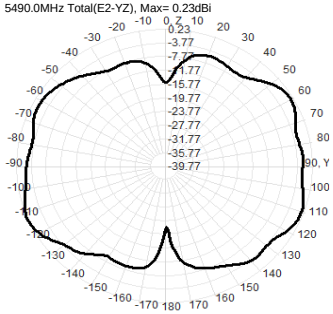
Back View



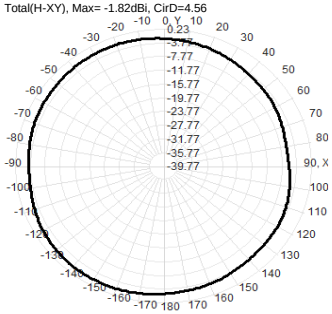
5490.0MHz Total(E1-XZ), Max= -1.19dBi



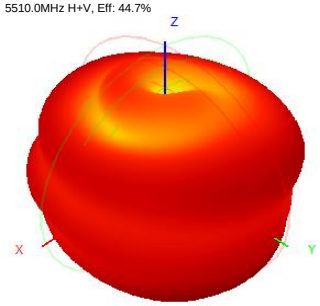
5490.0MHz Total(E2-YZ), Max= 0.23dBi



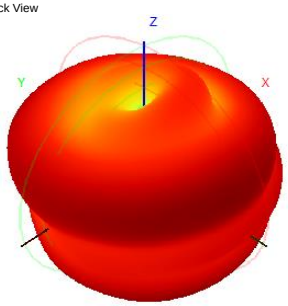
Total(H-XY), Max= -1.82dBi, CirD=4.56



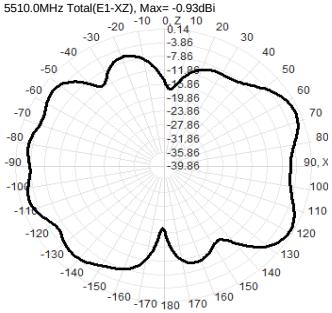
5510.0MHz H+V, Eff: 44.7%



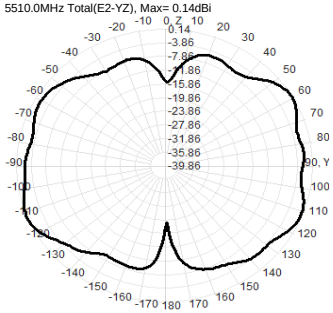
Back View



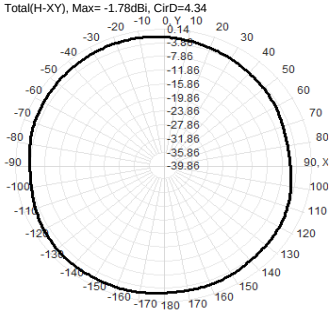
5510.0MHz Total(E1-XZ), Max= -0.93dBi



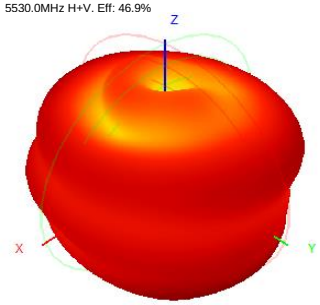
5510.0MHz Total(E2-YZ), Max= 0.14dBi



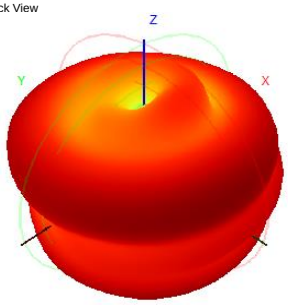
Total(H-XY), Max= -1.78dBi, CirD=4.34



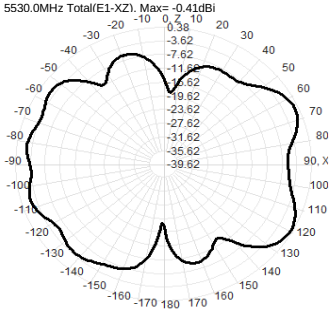
5530.0MHz H+V, Eff: 46.9%



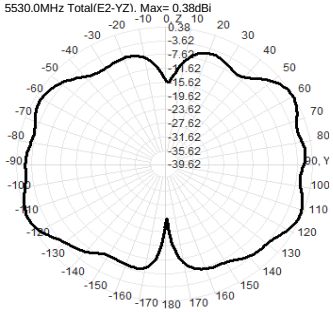
Back View



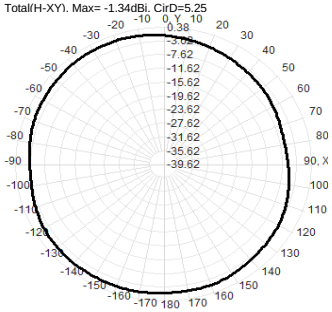
5530.0MHz Total(E1-XZ), Max= -0.41dBi



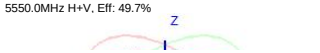
5530.0MHz Total(E2-YZ), Max= 0.38dBi



Total(H-XY), Max= -1.34dBi, CirD=5.25



5550.0MHz H+V, Eff: 49.7%

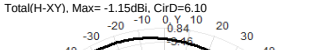


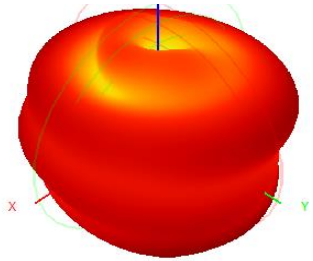
Back View

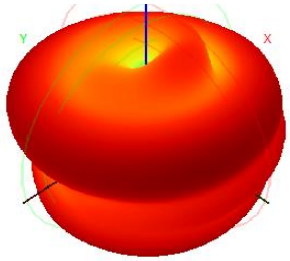
5550.0MHz Total(E1-XZ), Max= 0.06dBi

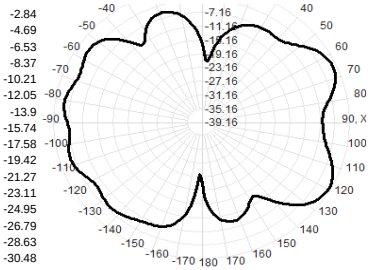
5550.0MHz Total(E2-YZ), Max= 0.84dBi

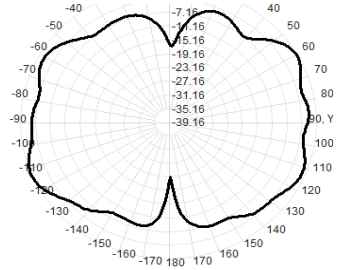
Total(H-XY), Max= -1.15dBi, CirD=6.10

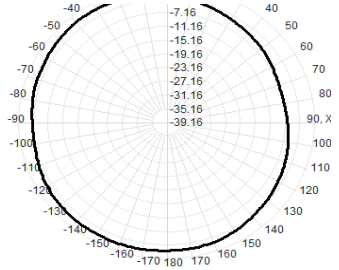




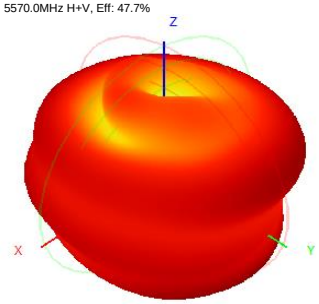




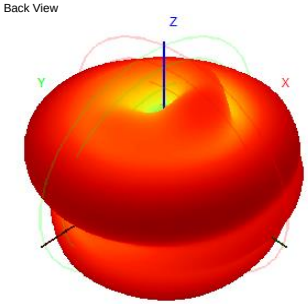




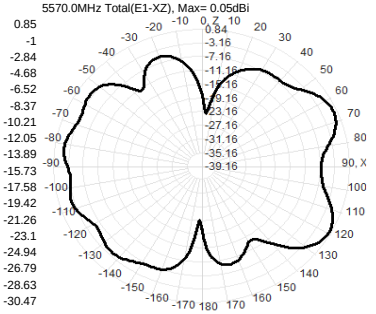
5570.0MHz H+V, Eff: 47.7%



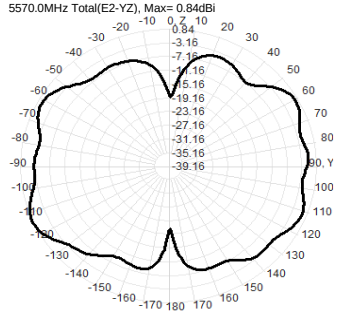
Back View



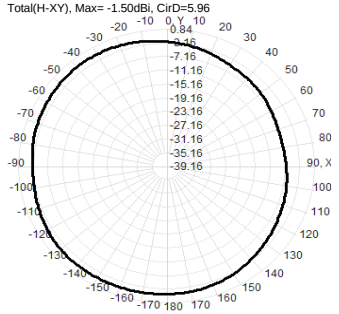
5570.0MHz Total(E1-XZ), Max= 0.05dBi



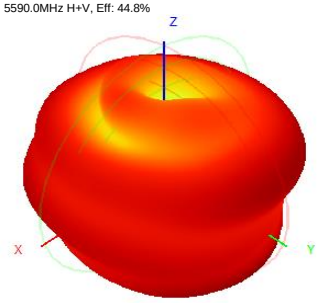
5570.0MHz Total(E2-YZ), Max= 0.84dBi



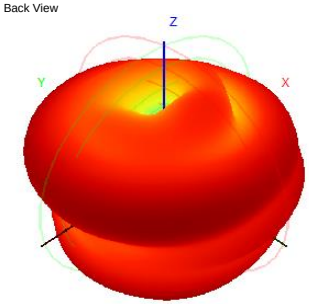
Total(H-XY), Max= -1.50dBi, CirD=5.96



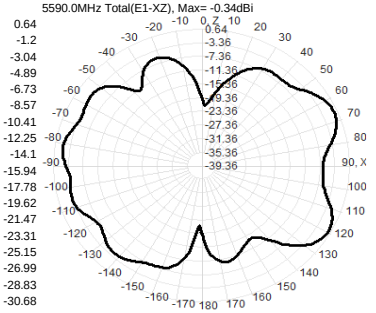
5590.0MHz H+V, Eff: 44.8%



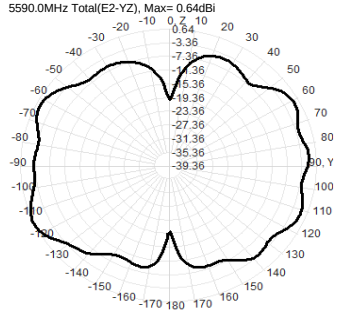
Back View



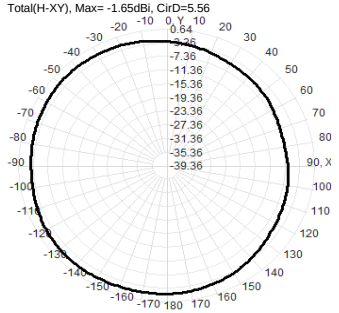
5590.0MHz Total(E1-XZ), Max= -0.34dBi



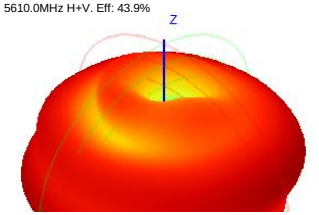
5590.0MHz Total(E2-YZ), Max= 0.64dBi



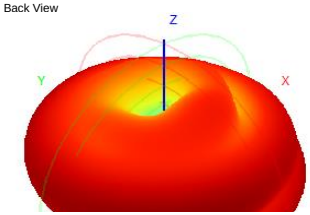
Total(H-XY), Max= -1.65dBi, CirD=5.56

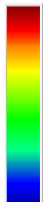


5610.0MHz H+V, Eff: 43.9%

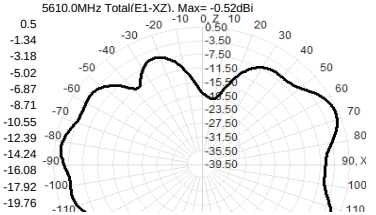


Back View

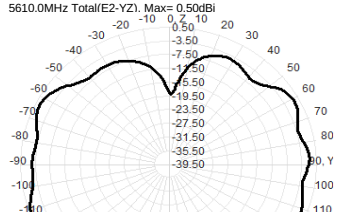




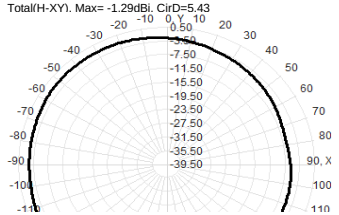
5610.0MHz Total(E1-XZ), Max= -0.52dBi

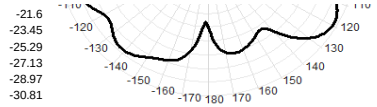


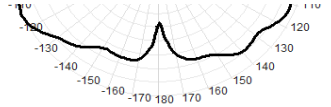
5610.0MHz Total(E2-YZ), Max= 0.50dBi

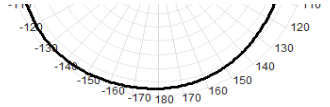


Total(H-XY), Max= -1.29dBi, CirD=5.43

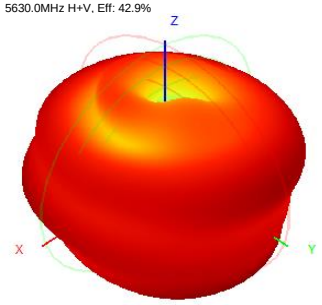




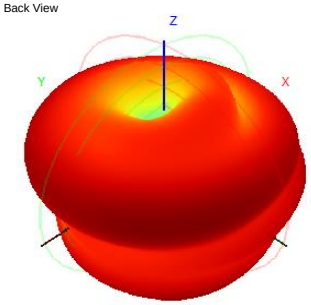




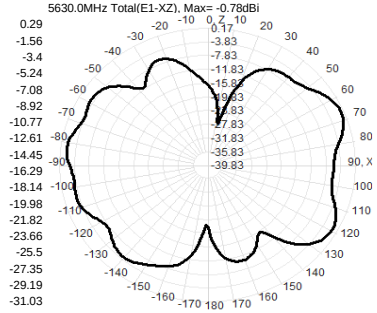
5630.0MHz H+V, Eff: 42.9%



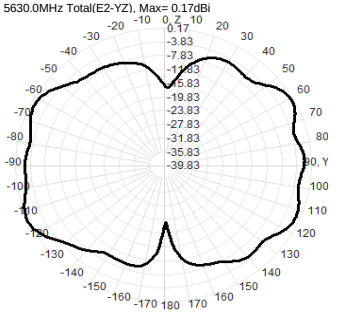
Back View



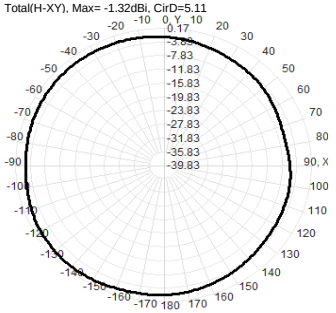
5630.0MHz Total(E1-XZ), Max= -0.78dBi



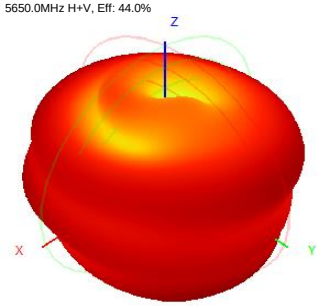
5630.0MHz Total(E2-YZ), Max= 0.17dBi



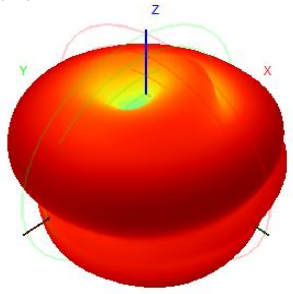
Total(H-XY), Max= -1.32dBi, CirD=5.11



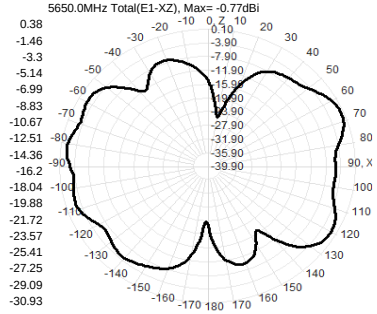
5650.0MHz H+V, Eff: 44.0%



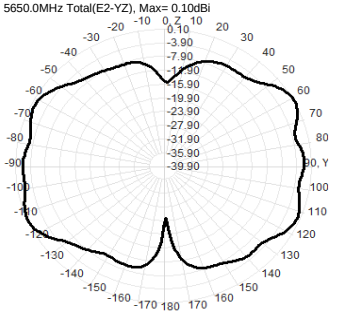
Back View



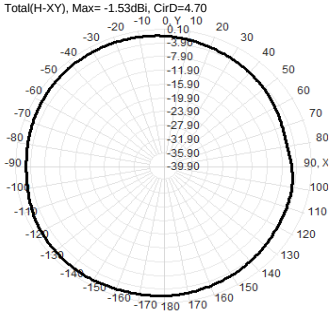
5650.0MHz Total(E1-XZ), Max= -0.77dBi



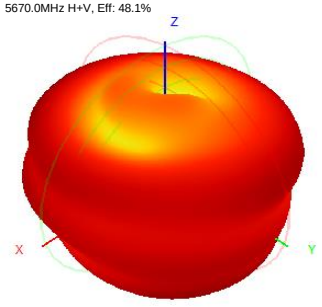
5650.0MHz Total(E2-YZ), Max= 0.10dBi



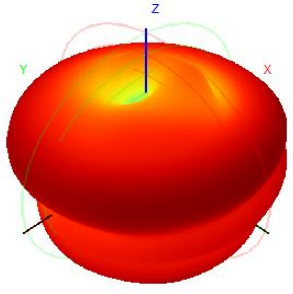
Total(H-XY), Max= -1.53dBi, CirD=4.70



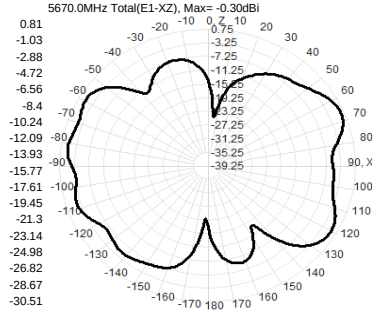
5670.0MHz H+V, Eff: 48.1%



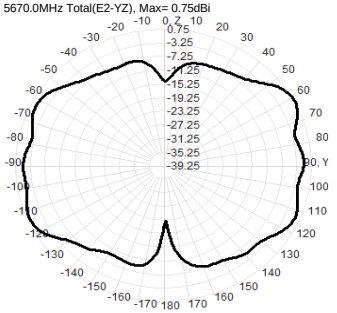
Back View



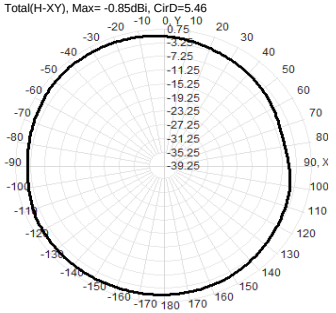
5670.0MHz Total(E1-XZ), Max= -0.30dBi



5670.0MHz Total(E2-YZ), Max= 0.75dBi



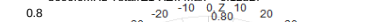
Total(H-XY), Max= -0.85dBi, CirD=5.46



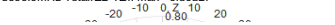
5690.0MHz H+V, Eff: 49.1%

Back View

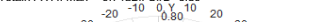
5690.0MHz Total(E1-XZ), Max= -0.12dBi

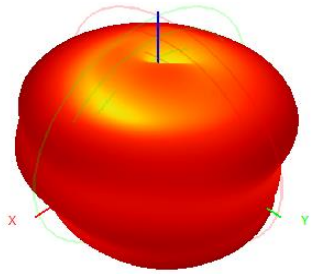


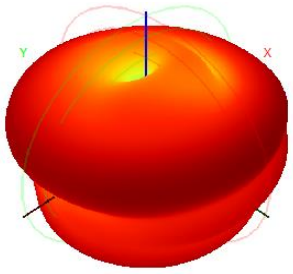
5690.0MHz Total(E2-YZ), Max= 0.80dBi

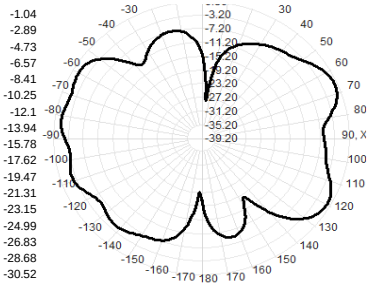


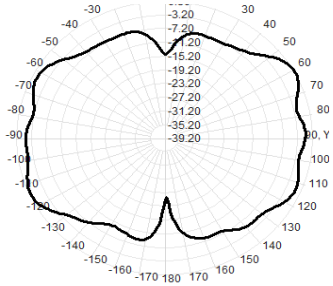
Total(H-XY), Max= -0.74dBi, CirD=6.39

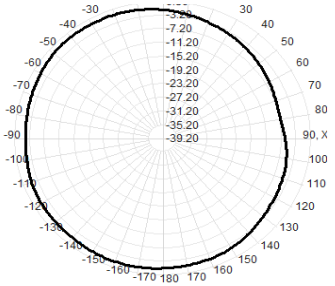




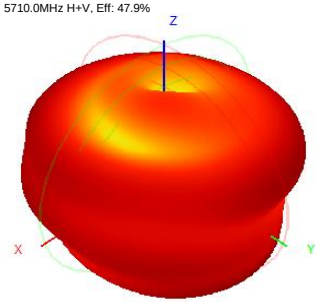




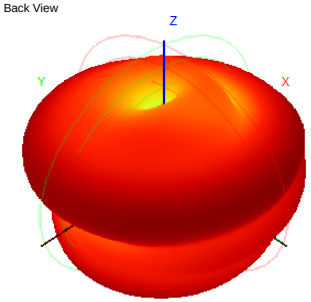




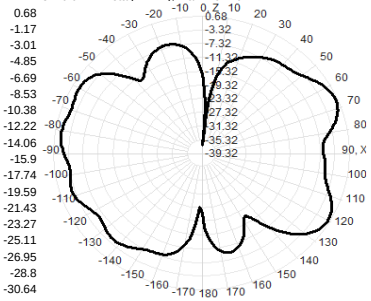
5710.0MHz H+V, Eff: 47.9%



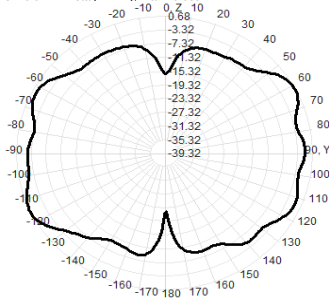
Back View



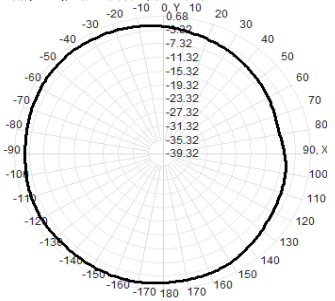
5710.0MHz Total(E1-XZ), Max= -0.11dBi



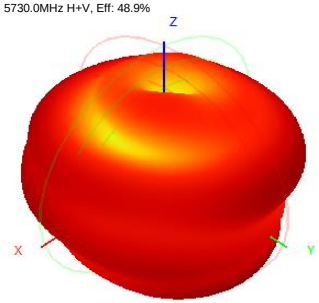
5710.0MHz Total(E2-YZ), Max= 0.68dBi



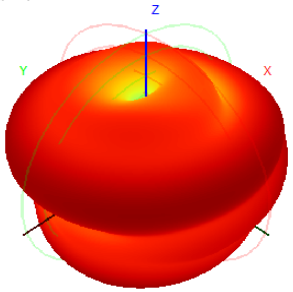
Total(H-XY), Max= -0.99dBi, CirD=6.49



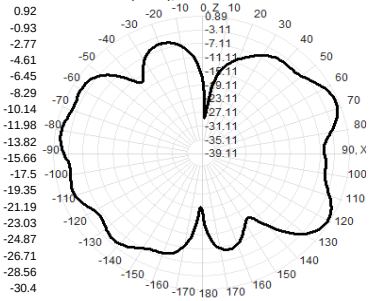
5730.0MHz H+V, Eff: 48.9%



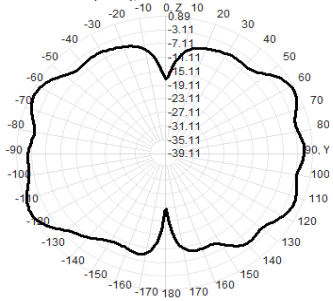
Back View



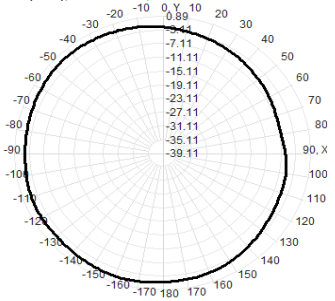
5730.0MHz Total(E1-XZ), Max= -0.01dBi



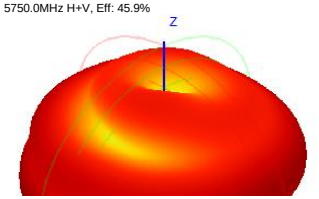
5730.0MHz Total(E2-YZ), Max= 0.89dBi



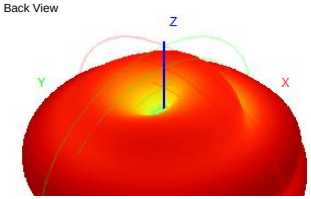
Total(H-XY), Max= -0.94dBi, CirD=5.94

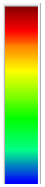


5750.0MHz H+V, Eff: 45.9%

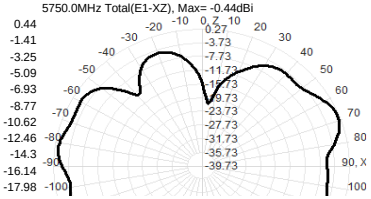


Back View

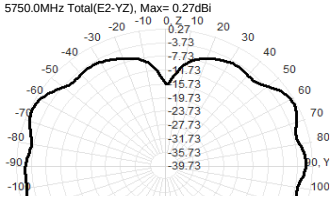




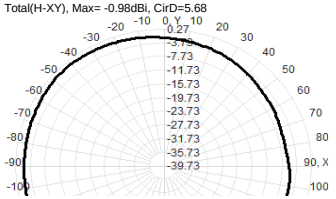
5750.0MHz Total(E1-XZ), Max= -0.44dBi

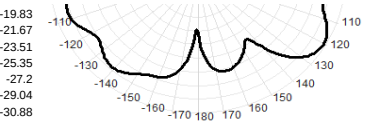


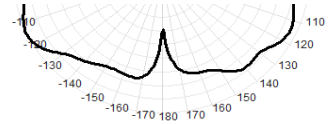
5750.0MHz Total(E2-YZ), Max= 0.27dBi

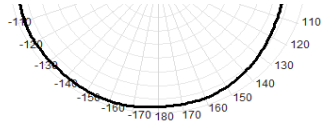


Total(H-XY), Max= -0.98dBi, CirD=5.68

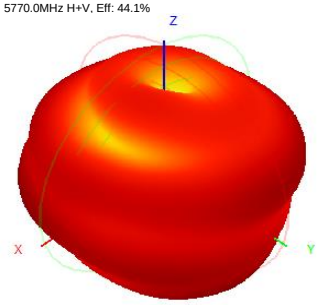




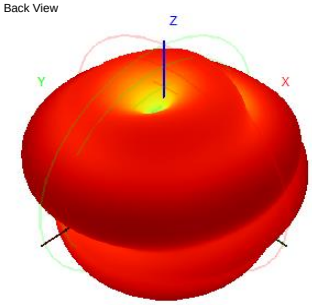




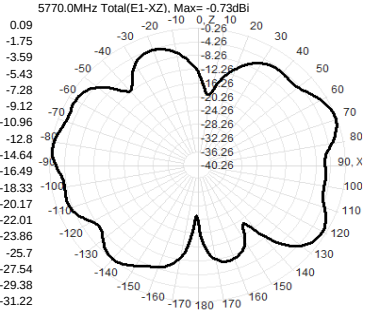
5770.0MHz H+V, Eff: 44.1%



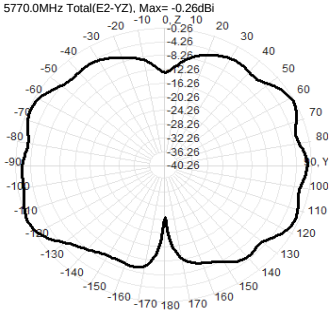
Back View



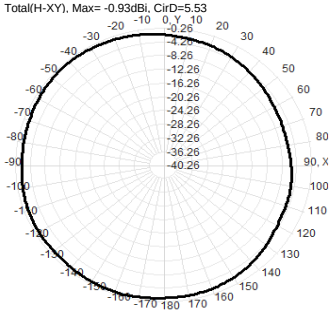
5770.0MHz Total(E1-XZ), Max= -0.73dBi



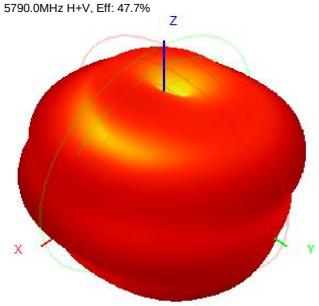
5770.0MHz Total(E2-YZ), Max= -0.26dBi



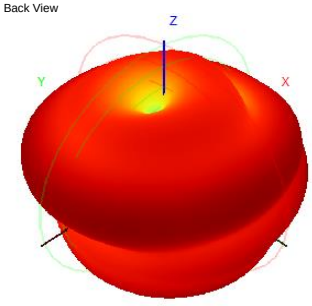
Total(H-XY), Max= -0.93dBi, CirD=5.53



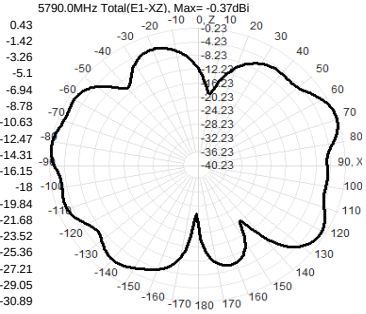
5790.0MHz H+V, Eff: 47.7%



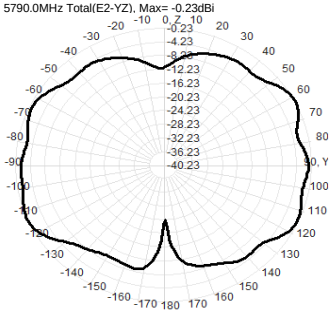
Back View



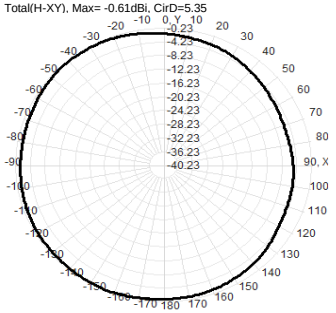
5790.0MHz Total(E1-XZ), Max= -0.37dBi



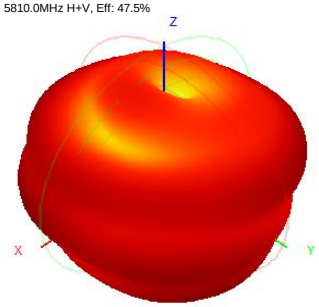
5790.0MHz Total(E2-YZ), Max= -0.23dBi



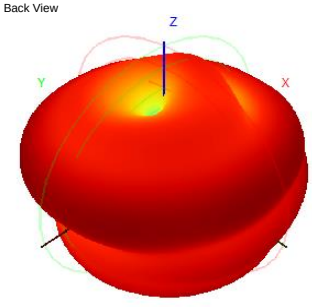
Total(H-XY), Max= -0.61dBi, CirD=5.35



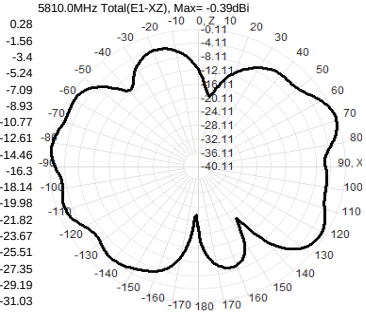
5810.0MHz H+V, Eff: 47.5%



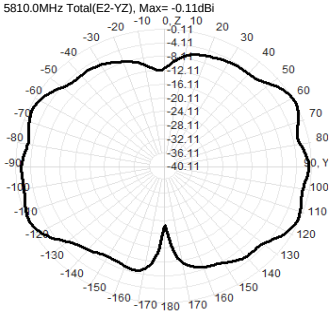
Back View



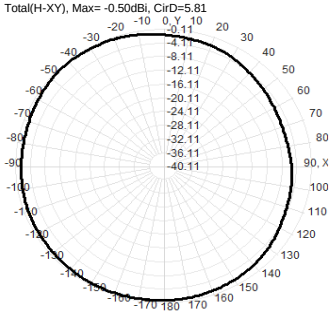
5810.0MHz Total(E1-XZ), Max= -0.39dBi



5810.0MHz Total(E2-YZ), Max= -0.11dBi



Total(H-XY), Max= -0.50dBi, CirD=5.81



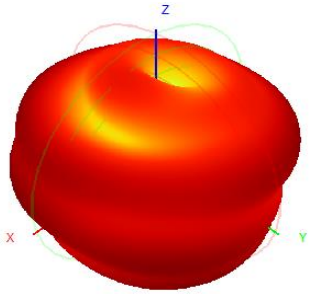
5830.0MHz H+V, Eff: 46.2%

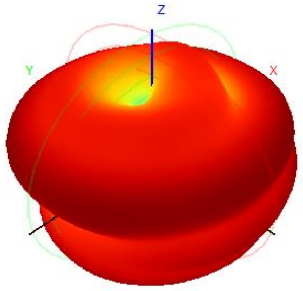
Back View

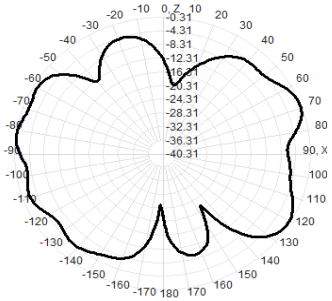
5830.0MHz Total(E1-XZ), Max= -0.51dBi

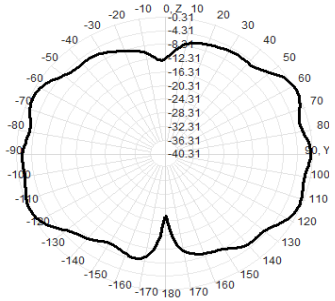
5830.0MHz Total(E2-YZ), Max= -0.31dBi

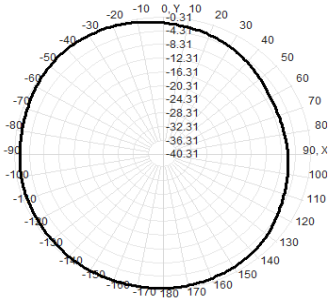
Total(H-XY), Max= -0.35dBi, CirD=6.89



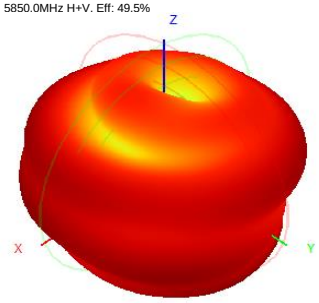




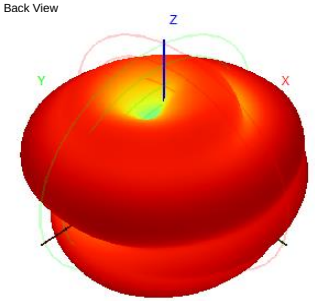




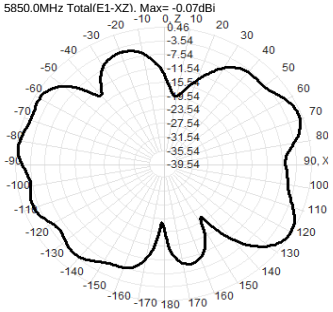
5850.0MHz H+V. Eff: 49.5%



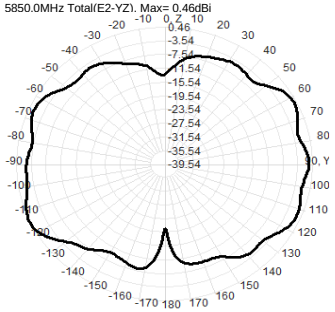
Back View



5850.0MHz Total(E1-XZ). Max= -0.07dBi



5850.0MHz Total(E2-YZ). Max= 0.46dBi



Total(H-XY). Max= -0.02dBi. CirD=7.27