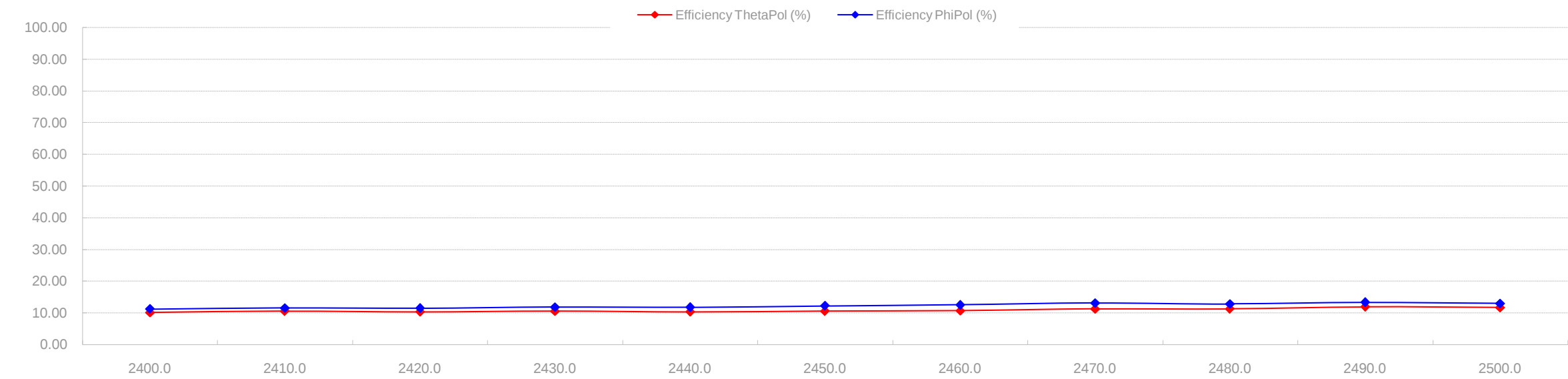
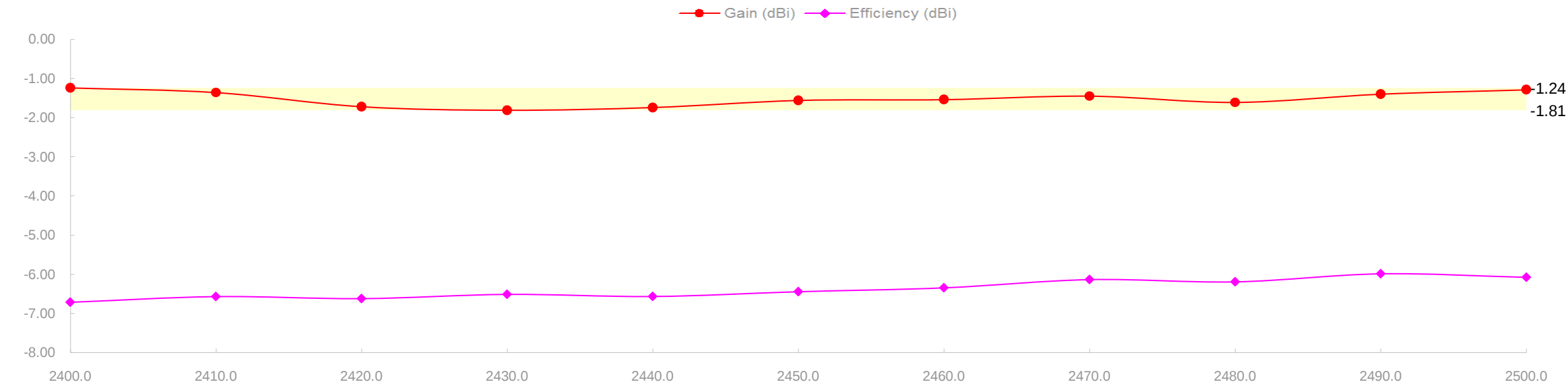
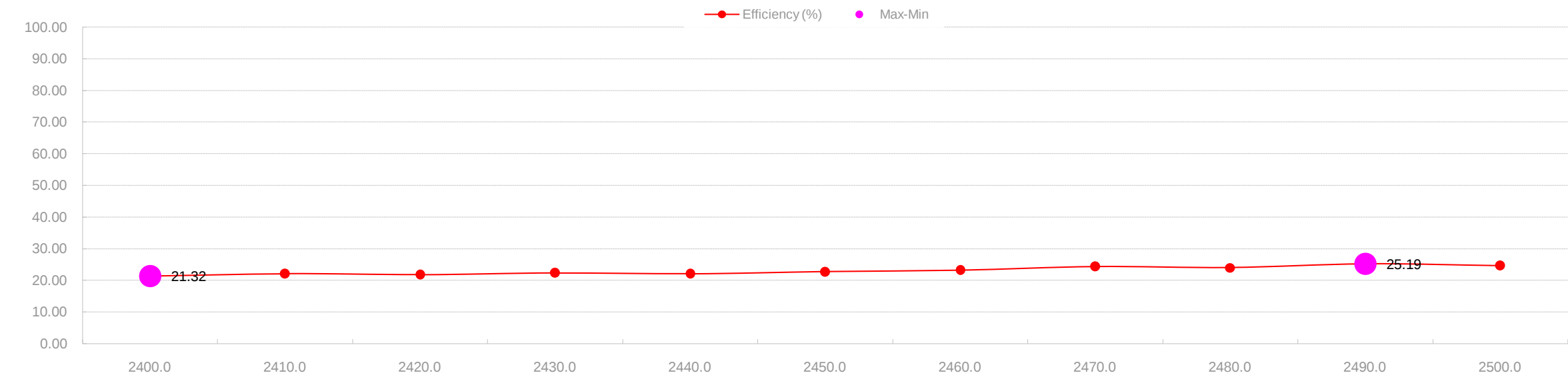




SHENZHEN GUANGYUANFA ELECTRONIC CO.,LTD

**Room 606, Building D, Huahan Innovation Park, No.16, Langshan Road,
Nanshan District, Shenzhen**

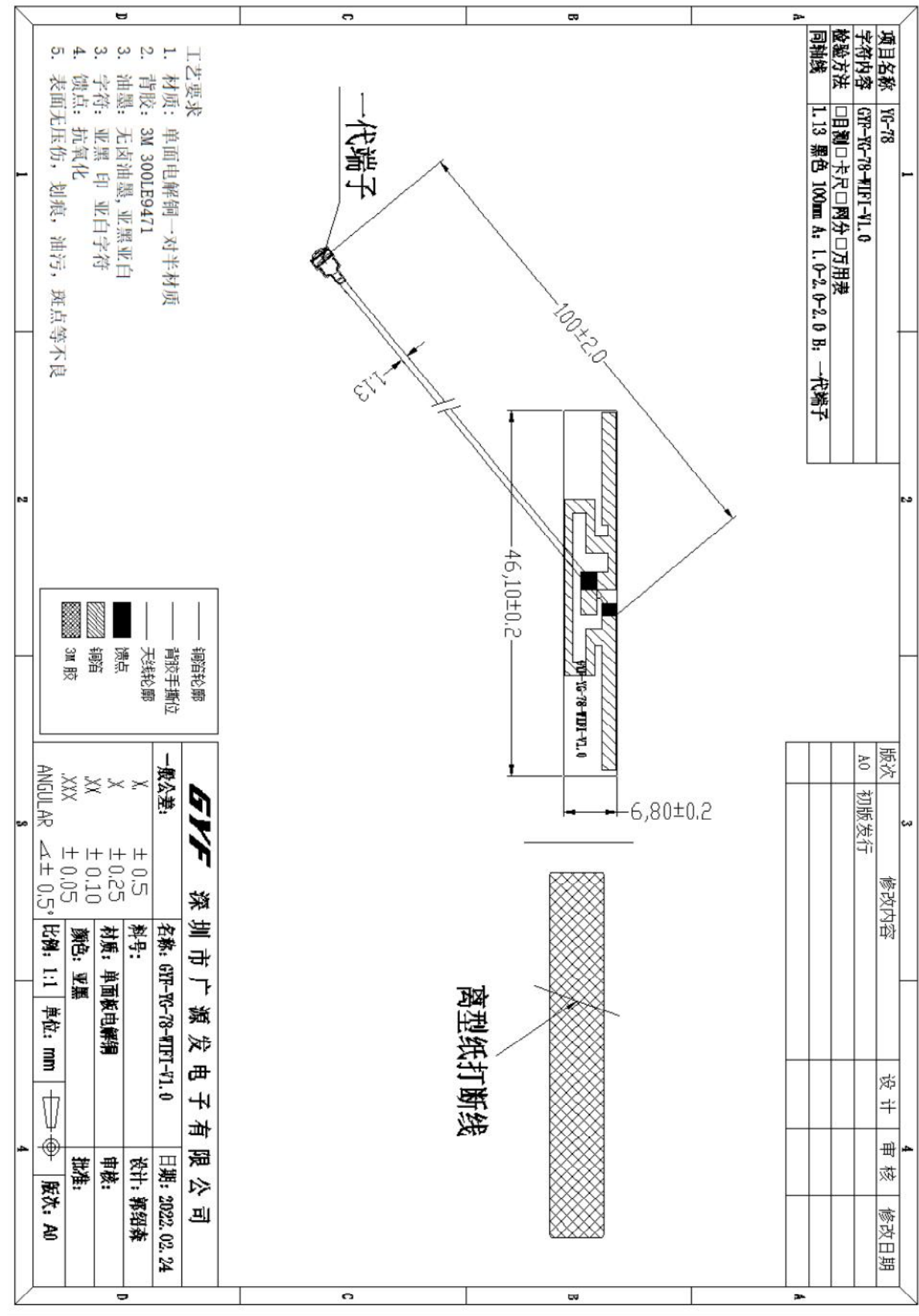
Frequency ID	1	2	3	4	5	6	7	8	9	10	11
Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0
Efficiency (dBi)	-6.71	-6.57	-6.62	-6.51	-6.56	-6.44	-6.34	-6.13	-6.19	-5.99	-6.08
Gain (dBi)	-1.24	-1.36	-1.72	-1.81	-1.74	-1.56	-1.54	-1.45	-1.61	-1.40	-1.29
Efficiency (%)	21.32	22.04	21.78	22.33	22.06	22.68	23.20	24.35	24.03	25.19	24.68
Directivity (dB)	5.91	5.77	5.65	5.64	5.64	5.57	5.44	5.38	5.52	5.73	5.94
Peak Gain Position (Theta)	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00
Peak Gain Position (Phi)	255.00	240.00	240.00	240.00	240.00	240.00	255.00	45.00	45.00	240.00	240.00
Efficiency ThetaPol (%)	10.12	10.50	10.35	10.52	10.31	10.50	10.70	11.24	11.22	11.87	11.70
Efficiency PhiPol (%)	11.20	11.54	11.43	11.81	11.75	12.19	12.50	13.11	12.81	13.32	12.98
Upper Hem. Efficiency (%)	13.66	14.28	14.15	14.47	14.25	14.62	15.04	15.92	15.84	16.67	16.37
Lower Hem. Efficiency (%)	7.66	7.77	7.63	7.87	7.81	8.06	8.16	8.43	8.19	8.52	8.31

[illegible]

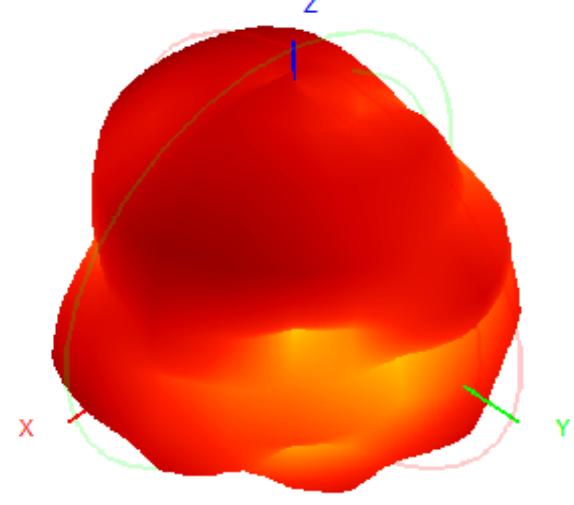
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7. Drawing specifications

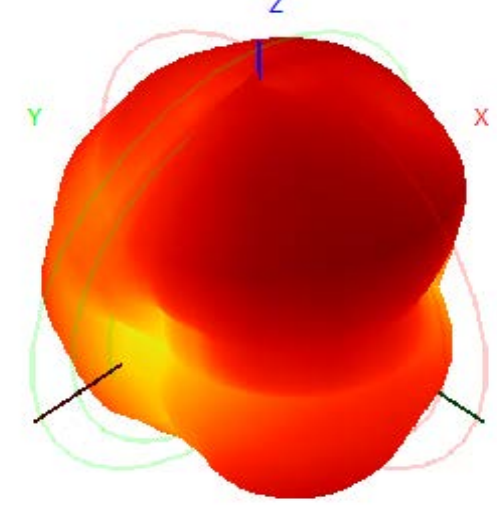
7.1 Drawings



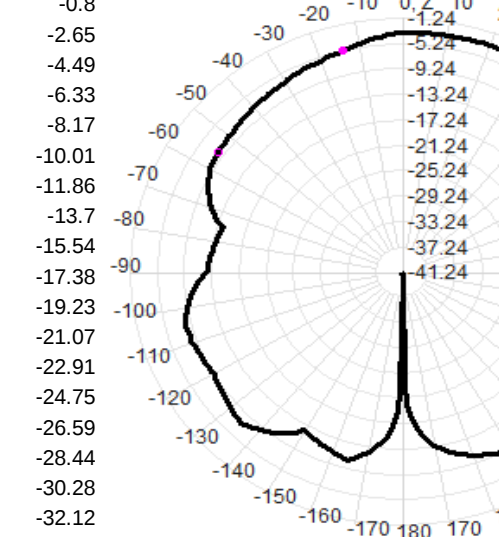
2400.0MHz H+V, Eff: 21.3%



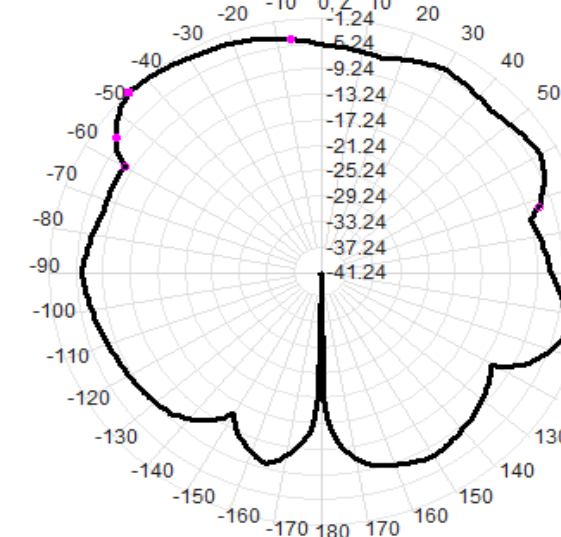
Back View



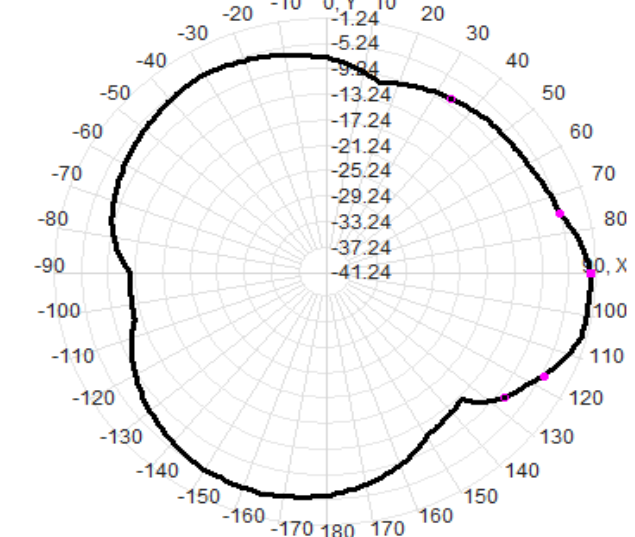
2400.0MHz Total(E1-XZ), Max=-2.31dBi



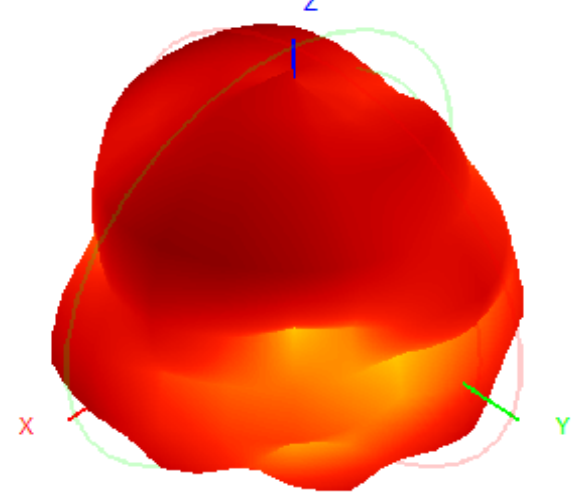
2400.0MHz Total(E2-YZ), Max=-1.24dBi



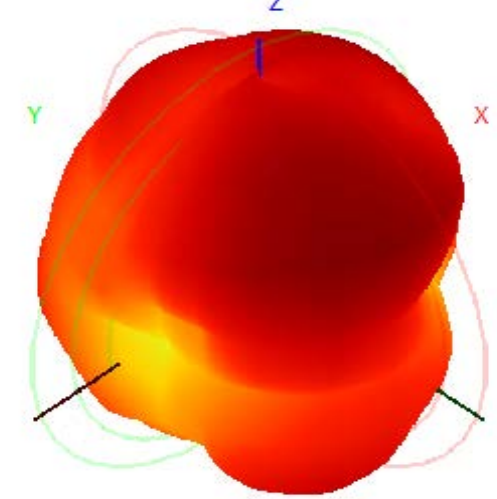
Total(H-XY), Max=-2.31dBi, CirD=10.72



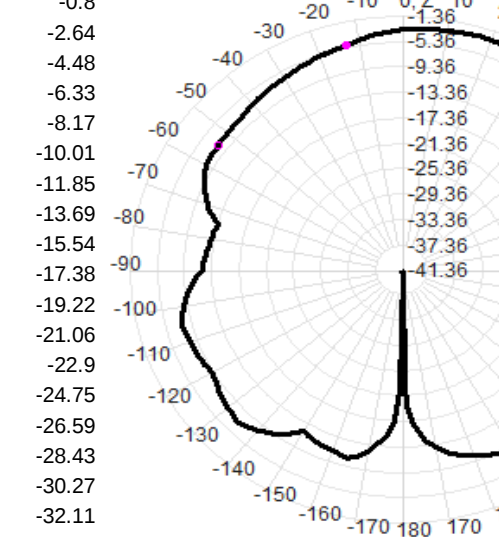
2410.0MHz H+V, Eff: 22.0%



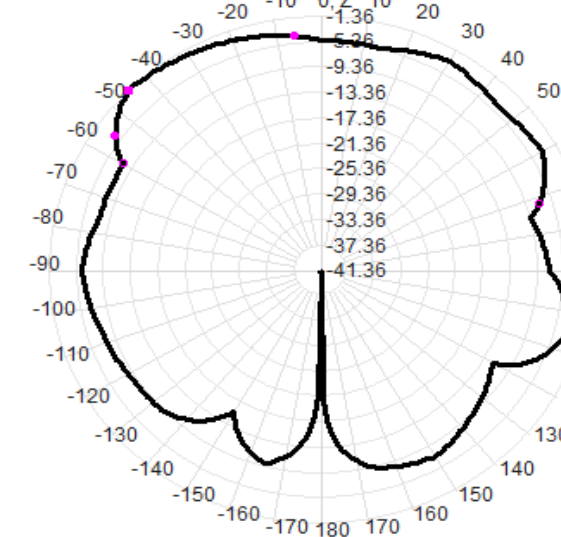
Back View



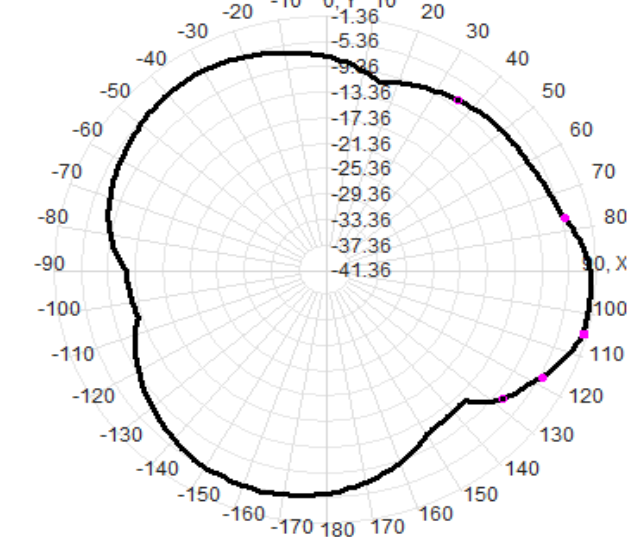
2410.0MHz Total(E1-XZ), Max=-1.99dBi



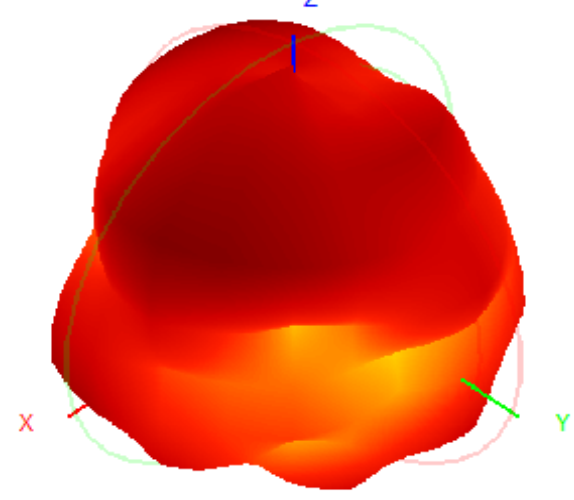
2410.0MHz Total(E2-YZ), Max=-1.36dBi



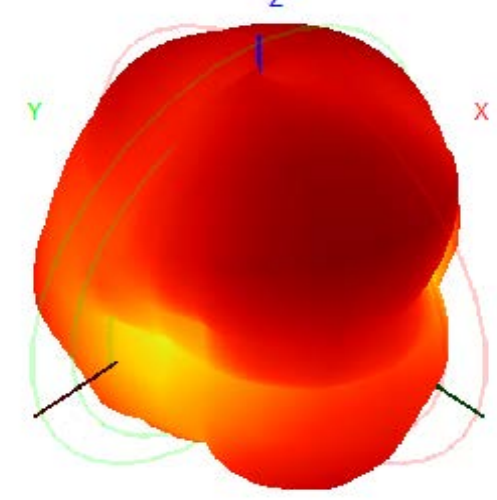
Total(H-XY), Max=-2.23dBi, CirD=10.56



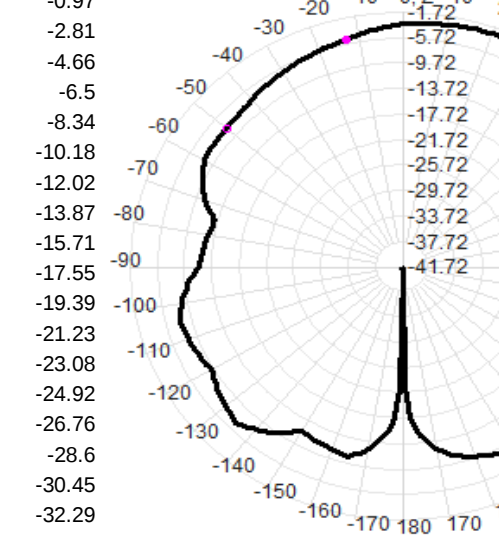
2420.0MHz H+V, Eff: 21.8%



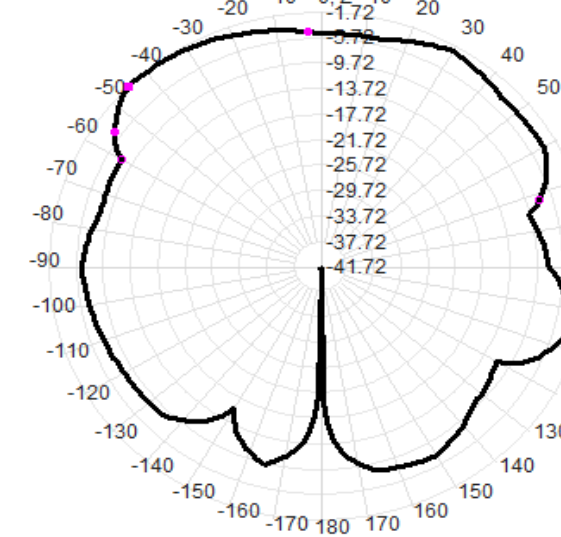
Back View



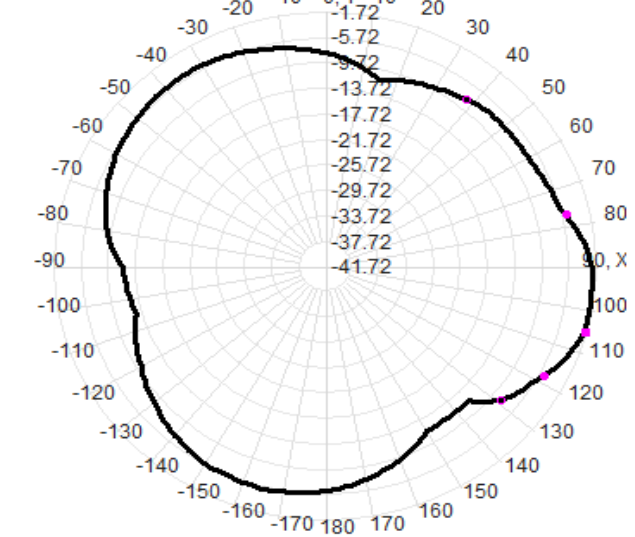
2420.0MHz Total(E1-XZ), Max=-1.98dBi



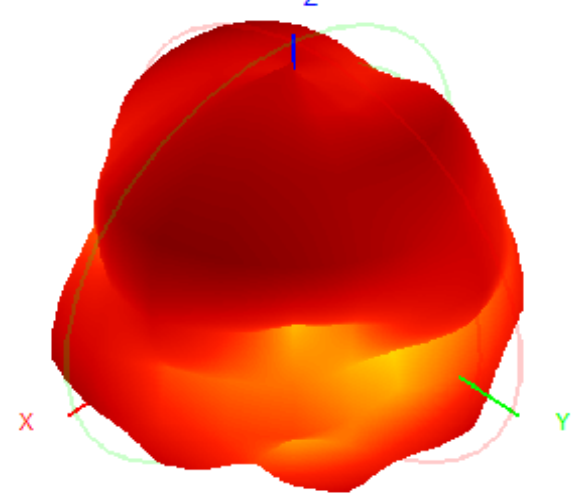
2420.0MHz Total(E2-YZ), Max=-1.72dBi



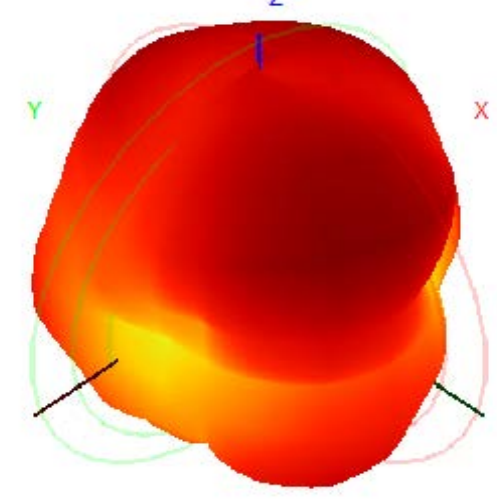
Total(H-XY), Max=-2.30dBi, CirD=10.56



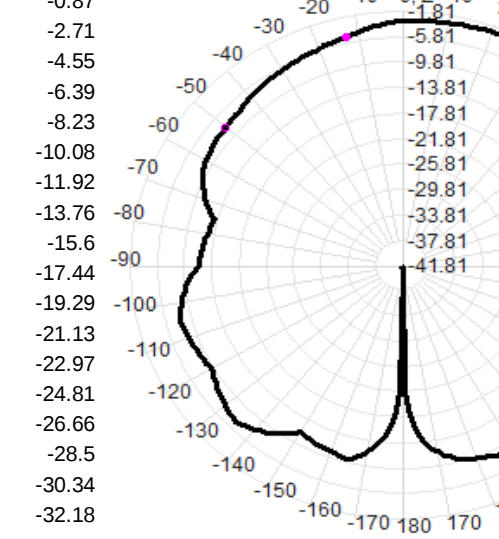
2430.0MHz H+V, Eff: 22.3%



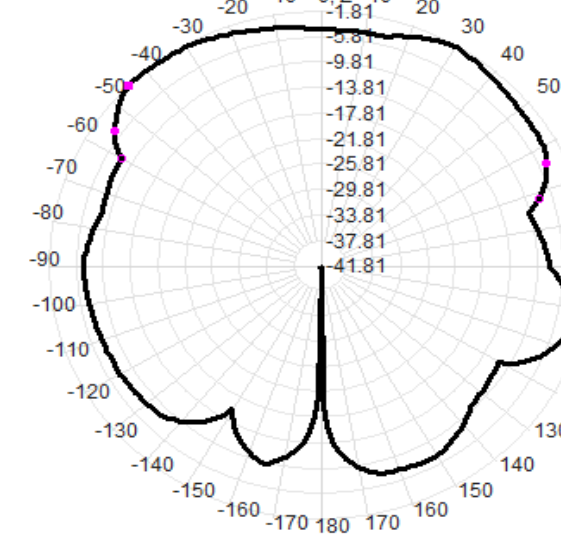
Back View



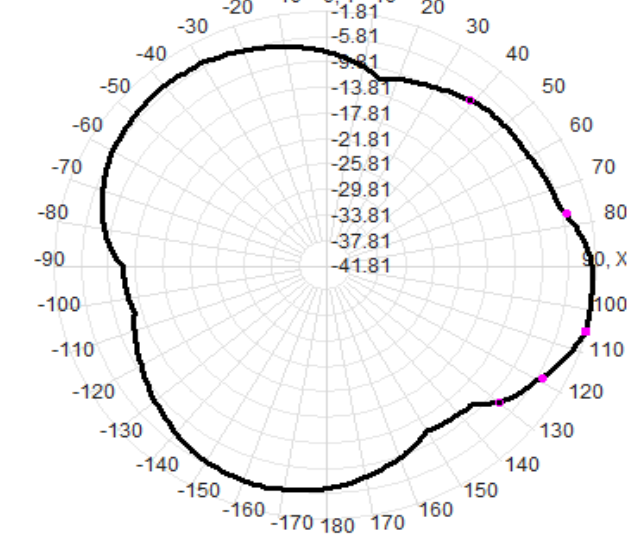
2430.0MHz Total(E1-XZ), Max=-1.94dBi



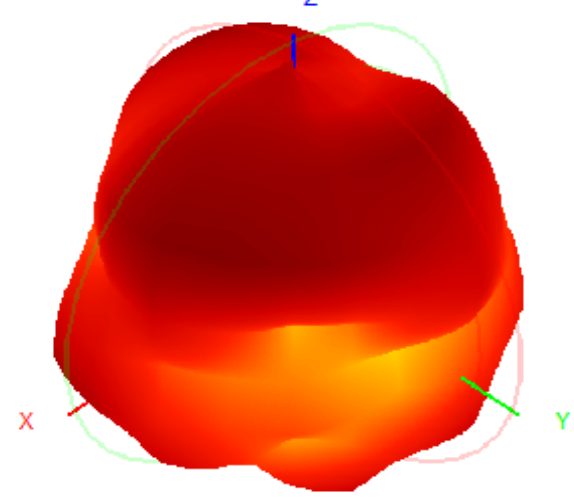
2430.0MHz Total(E2-YZ), Max=-1.81dBi



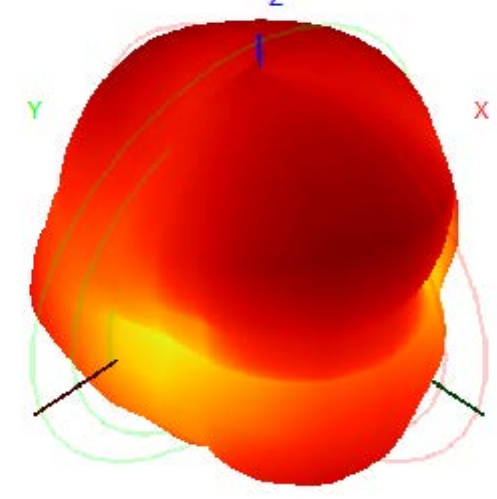
Total(H-XY), Max=-2.31dBi, CirD=10.39



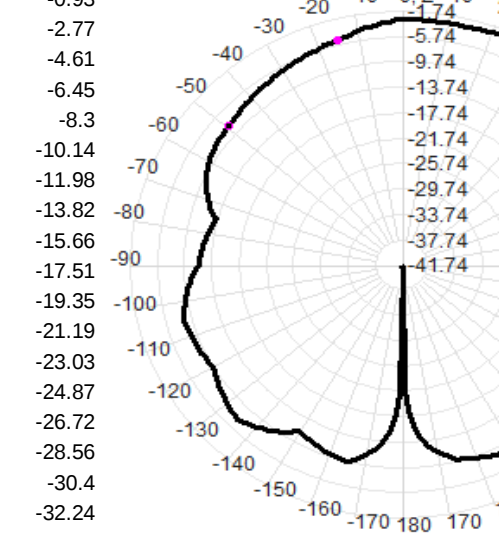
2440.0MHz H+V, Eff: 22.1%



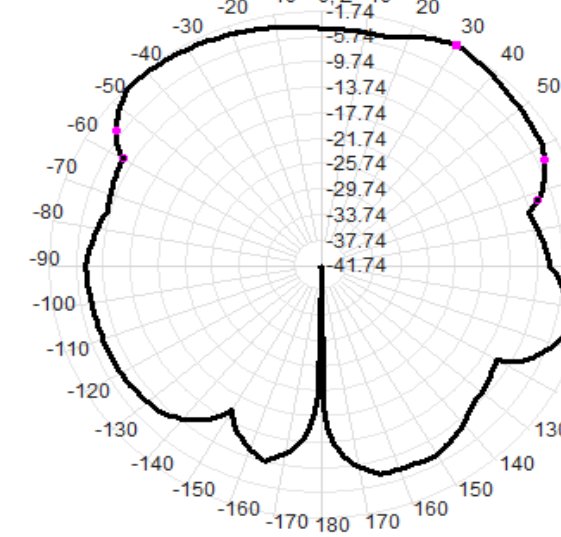
Back View



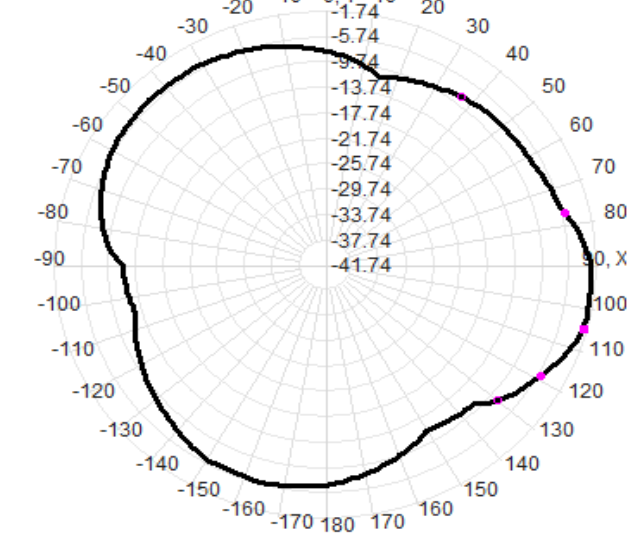
2440.0MHz Total(E1-XZ), Max=-2.13dBi



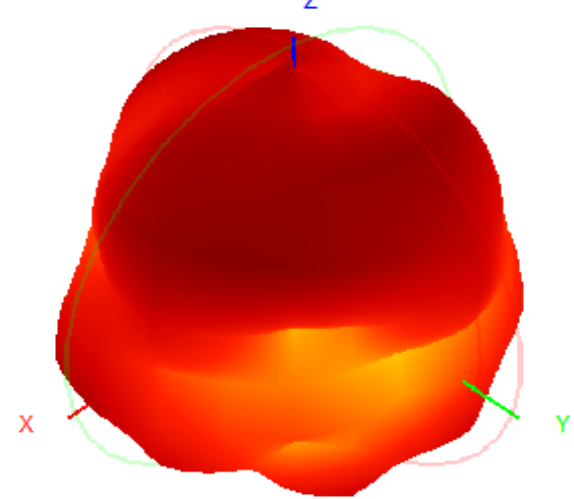
2440.0MHz Total(E2-YZ), Max=-1.74dBi



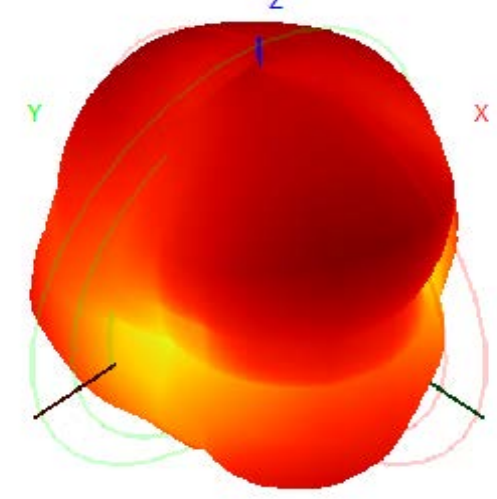
Total(H-XY), Max=-2.55dBi, CirD=10.17



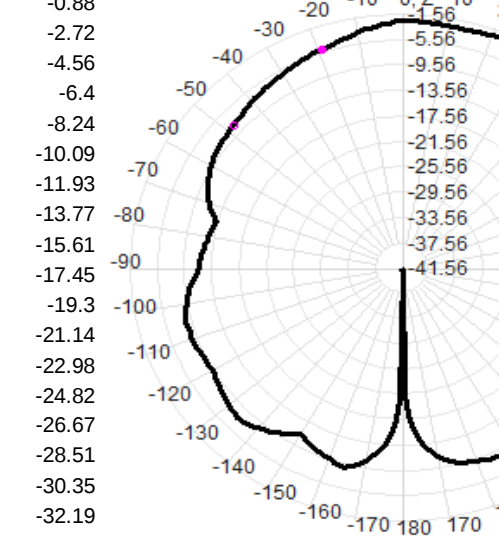
2450.0MHz H+V, Eff: 22.7%



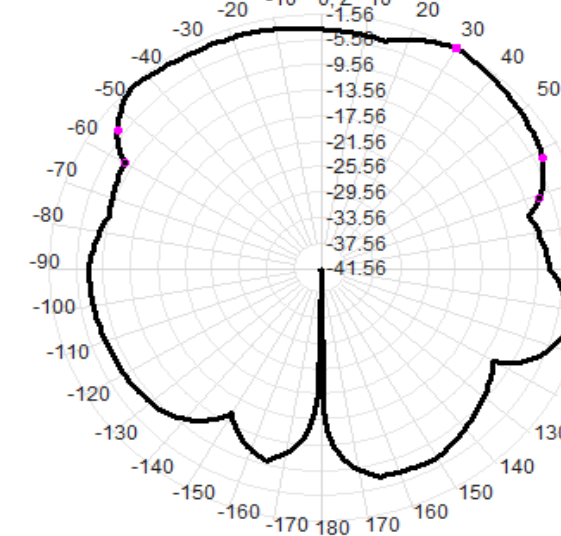
Back View



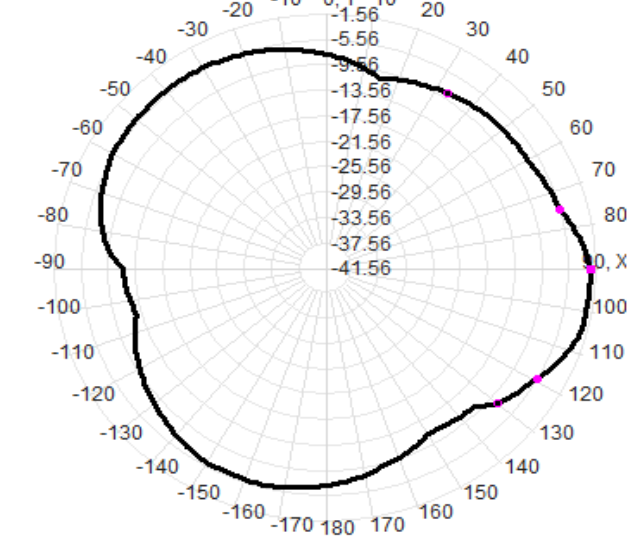
2450.0MHz Total(E1-XZ), Max=-2.10dBi



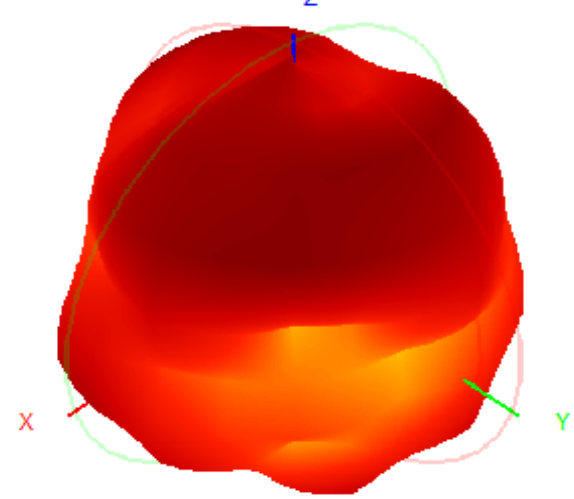
2450.0MHz Total(E2-YZ), Max=-1.56dBi



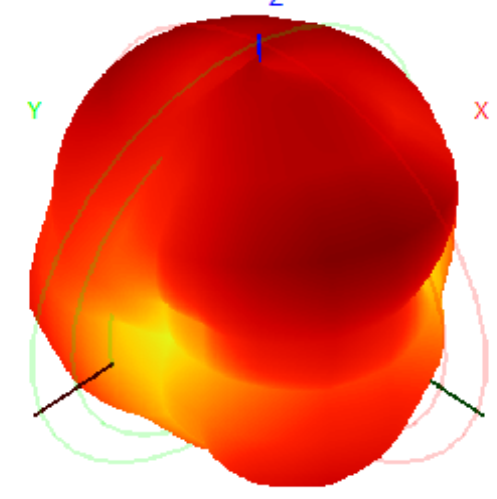
Total(H-XY), Max=-2.70dBi, CirD=10.07



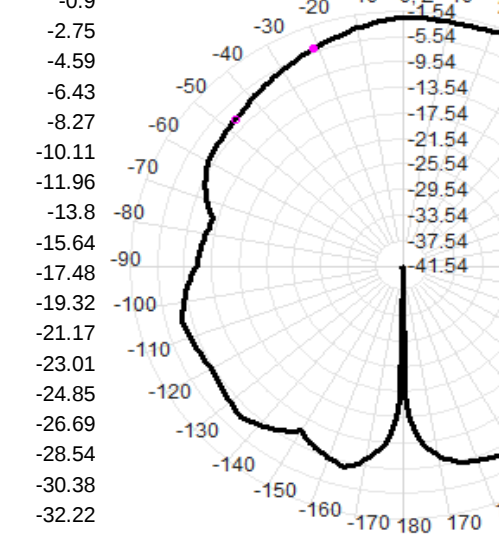
2460.0MHz H+V, Eff: 22.2%



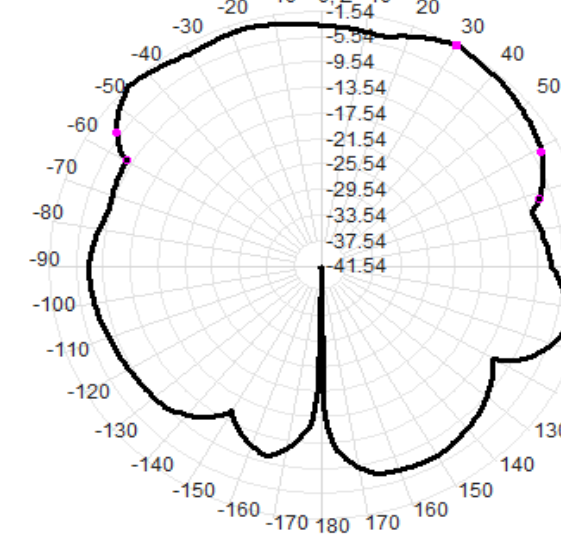
Back View



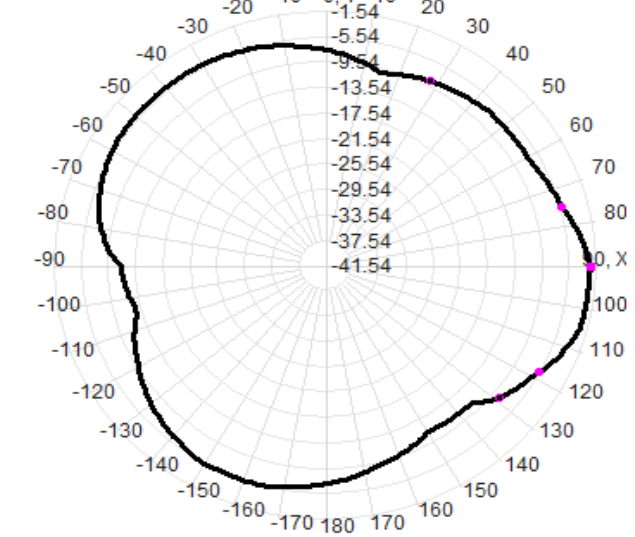
2460.0MHz Total(E1-XZ), Max=-2.04dBi



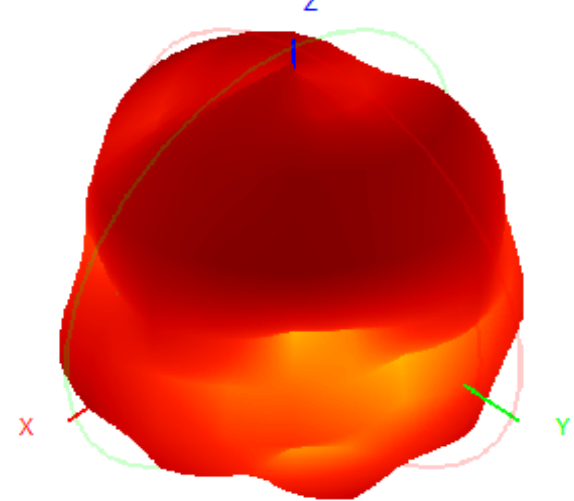
2460.0MHz Total(E2-YZ), Max=-1.54dBi



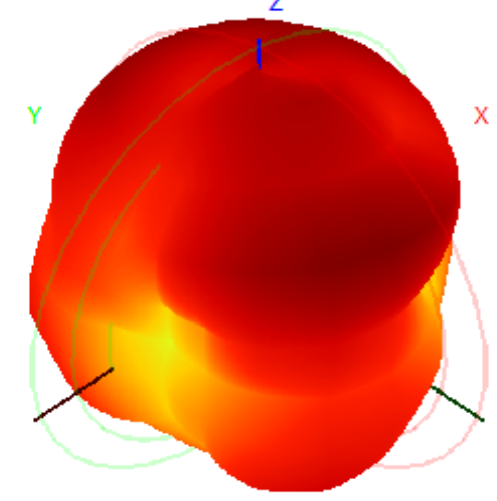
Total(H-XY), Max=-2.69dBi, CirD=10.21



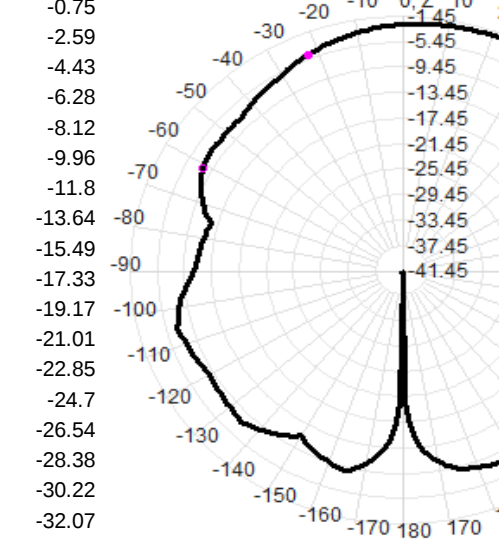
2470.0MHz H+V, Eff: 22.4%



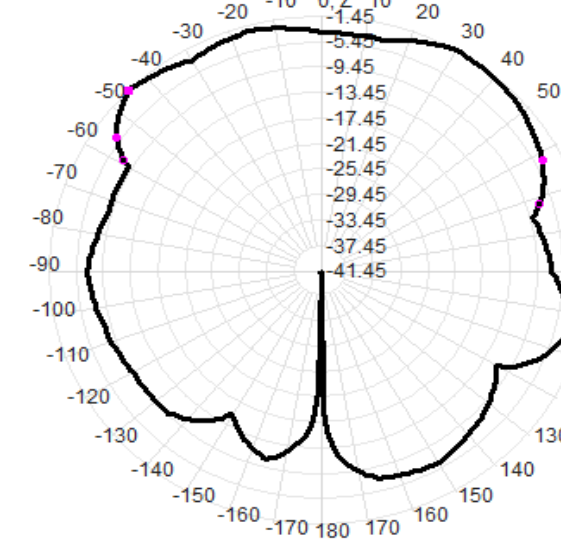
Back View



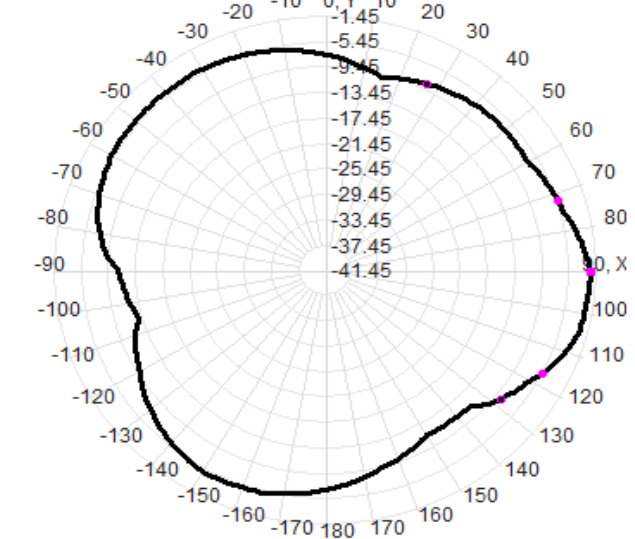
2470.0MHz Total(E1-XZ), Max=-1.82dBi



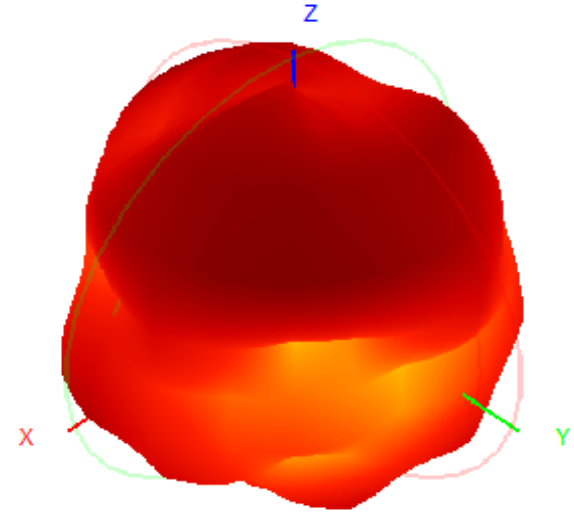
2470.0MHz Total(E2-YZ), Max=-1.45dBi



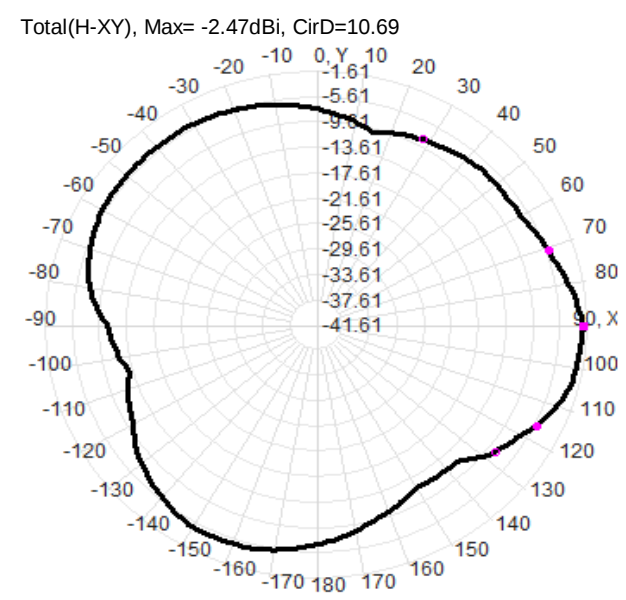
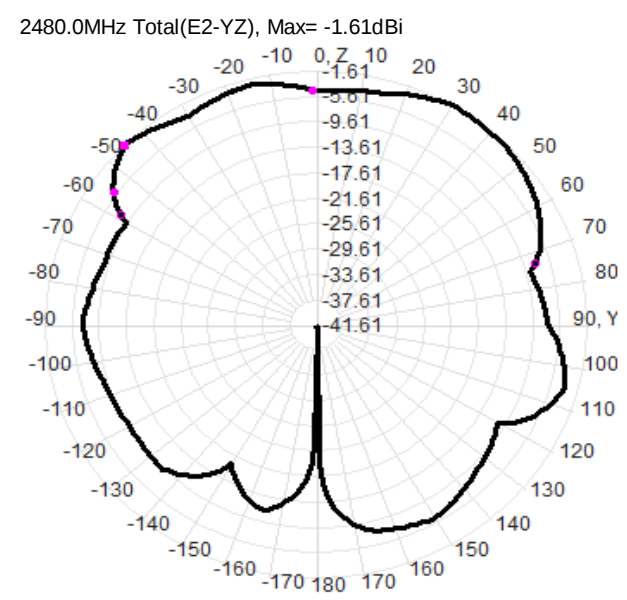
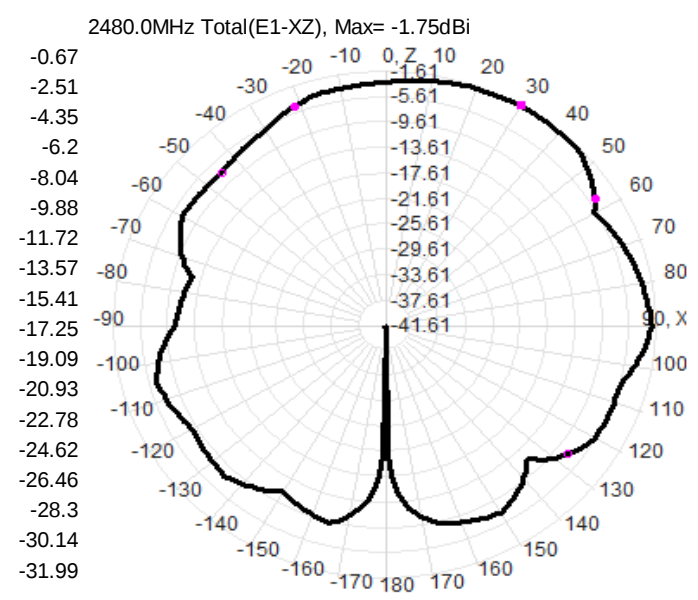
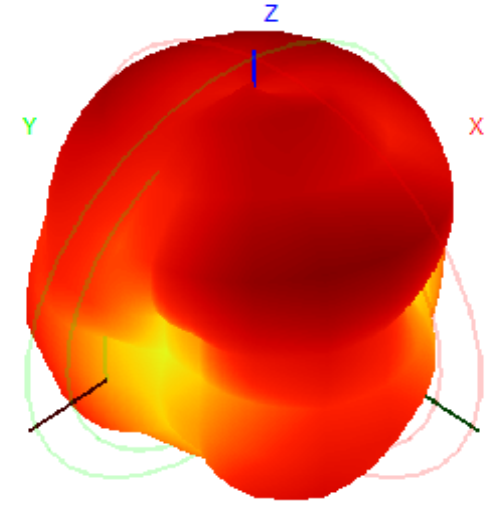
Total(H-XY), Max=-2.55dBi, CirD=10.47



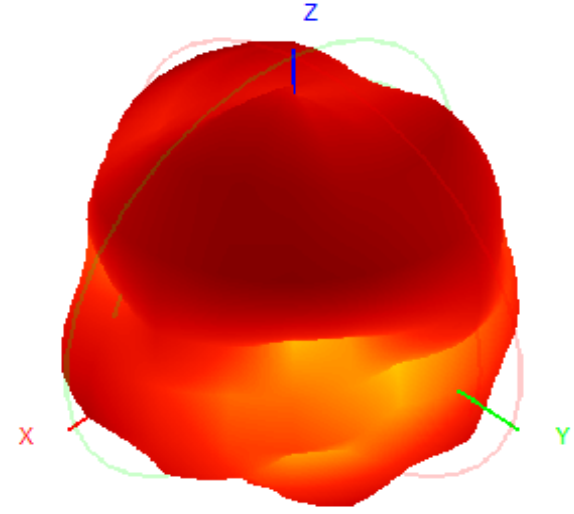
2480.0MHz H+V, Eff: 24.0%



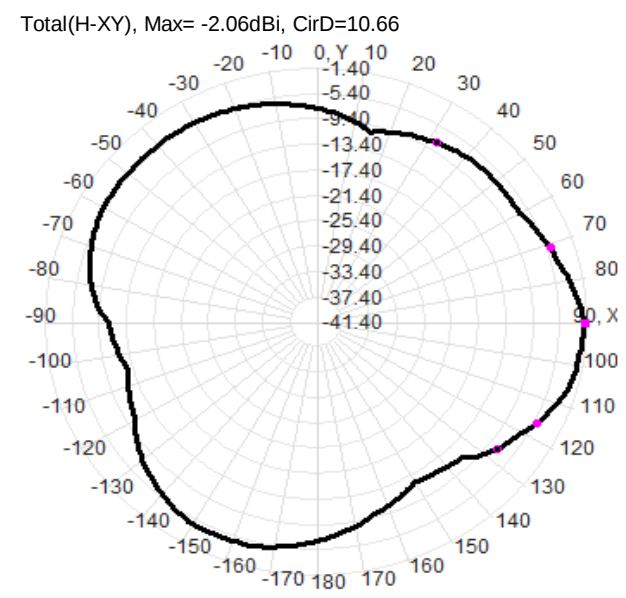
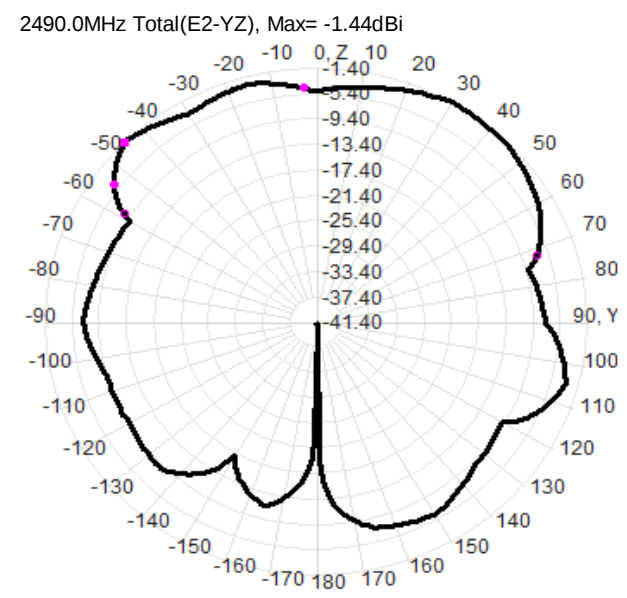
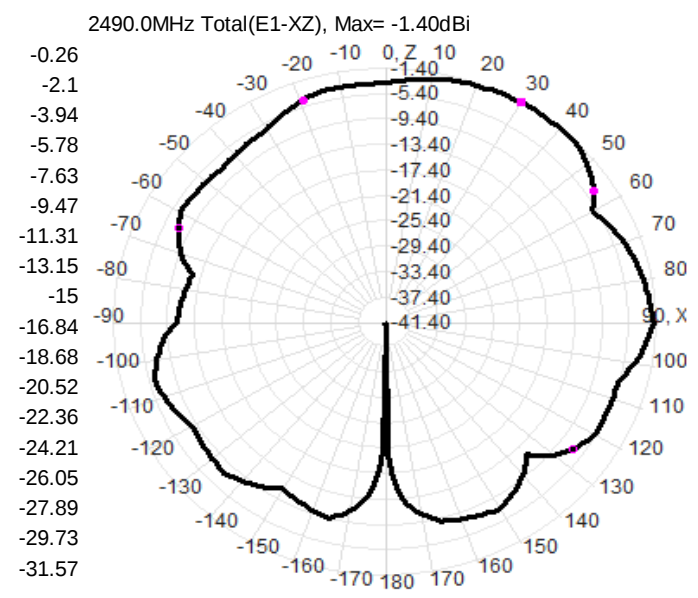
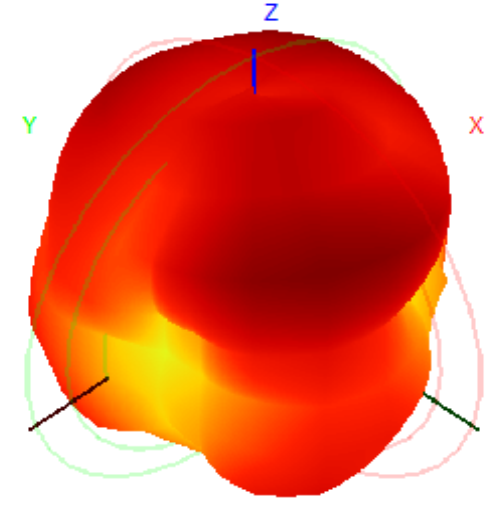
Back View



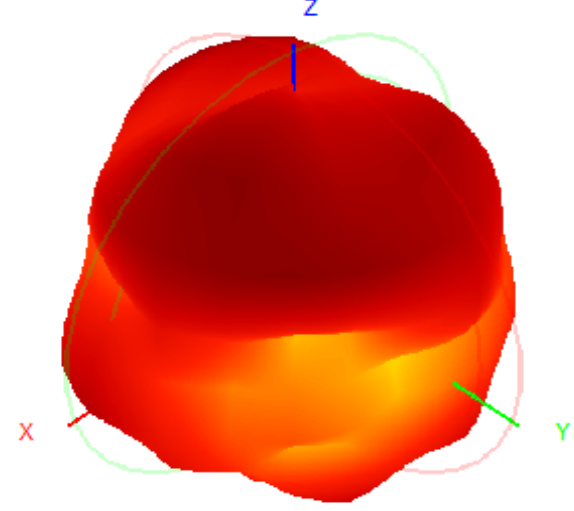
2490.0MHz H+V, Eff: 25.2%



Back View



2500.0MHz H+V, Eff: 24.7%



Back View

