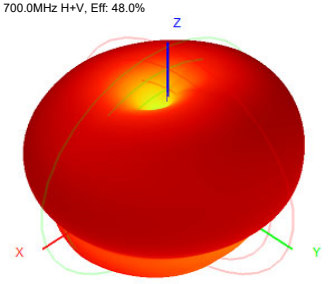
FUNK UND TELEFONSYSTEME
HENNIG

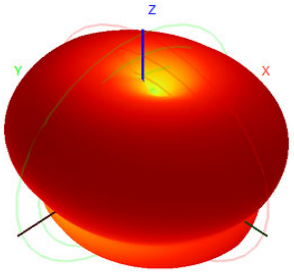
5G 4x4 MIMO Omnistrahler Antenne Loop V.4
FTS 96208

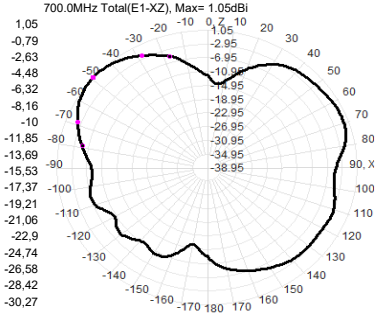
Anschluss 2

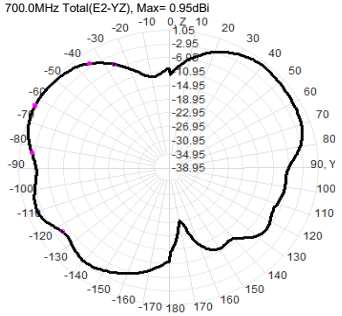
700.0MHz H+V, Eff: 48.0%

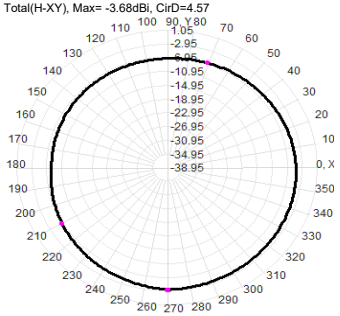


Back View

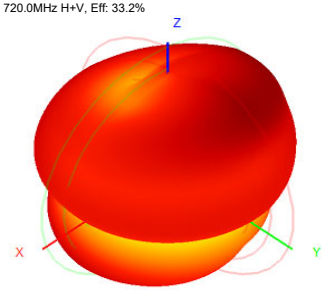




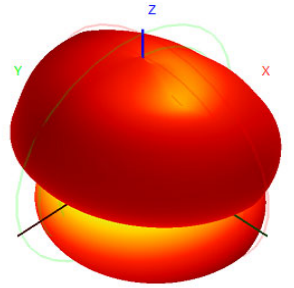


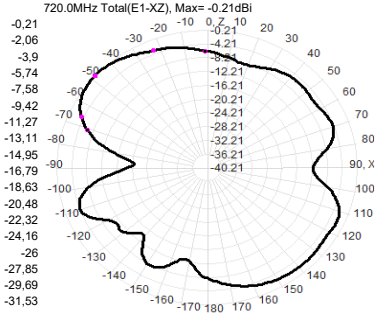


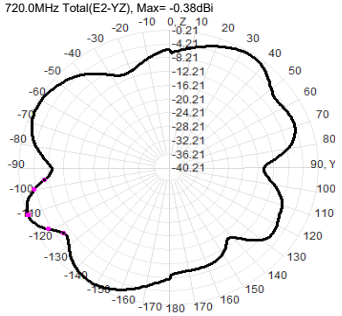
720.0MHz H+V, Eff: 33.2%

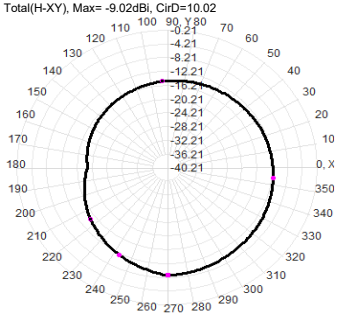


Back View

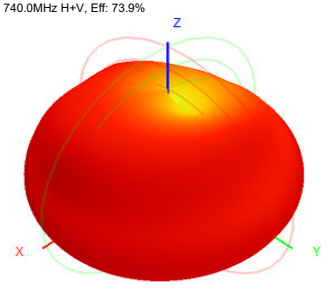




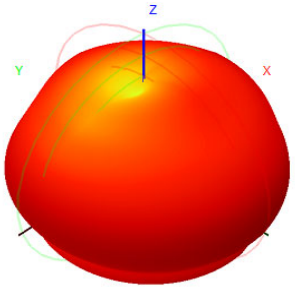


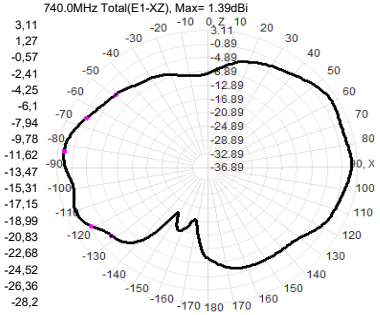


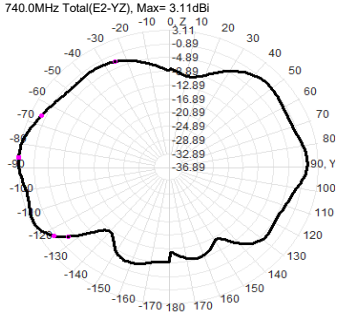
740.0MHz H+V, Eff: 73.9%

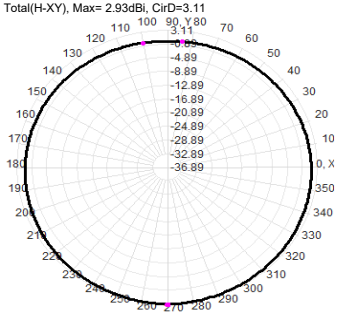


Back View

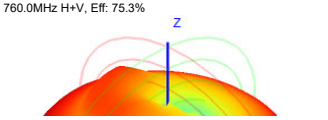




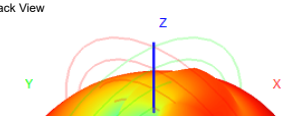


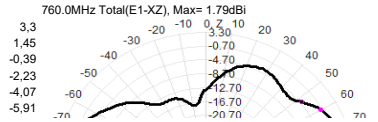


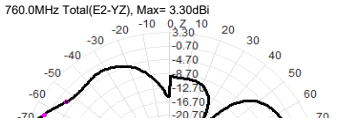
760.0MHz H+V, Eff: 75.3%

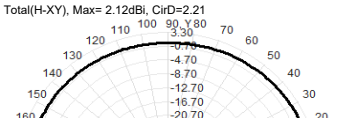


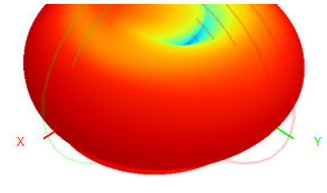
Back View

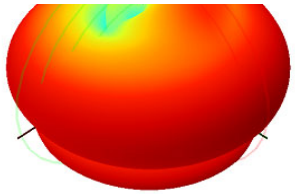


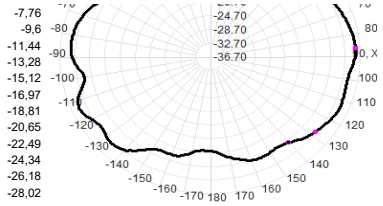


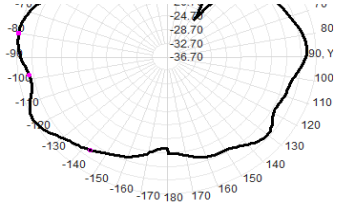


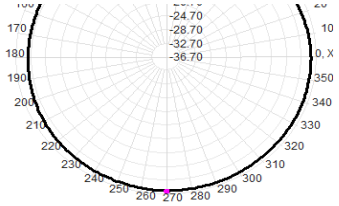




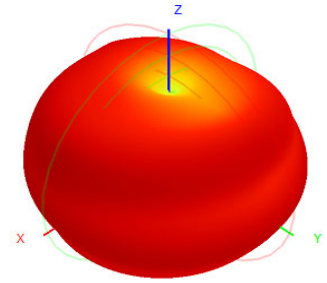




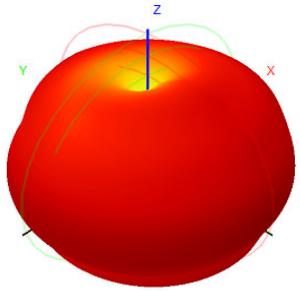




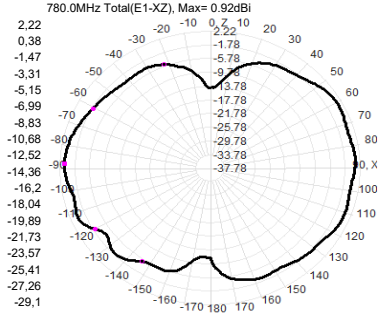
780.0MHz H+V, Eff: 79.0%



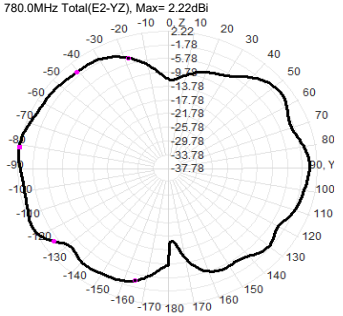
Back View



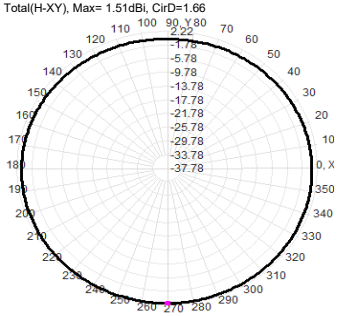
780.0MHz Total(E1-XZ), Max= 0.92dBi



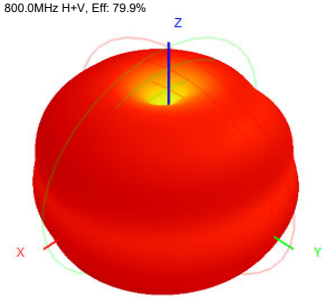
780.0MHz Total(E2-YZ), Max= 2.22dBi



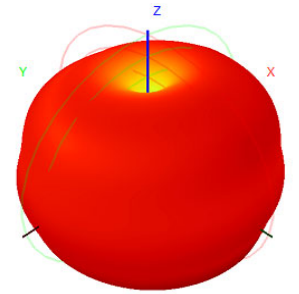
Total(H-XY), Max= 1.51dBi, CirD=1.66



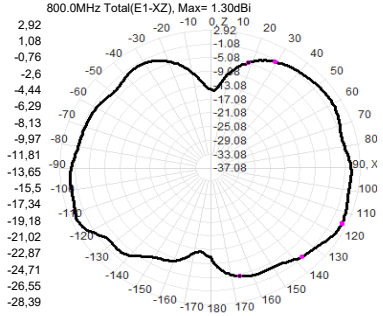
800.0MHz H+V, Eff: 79.9%



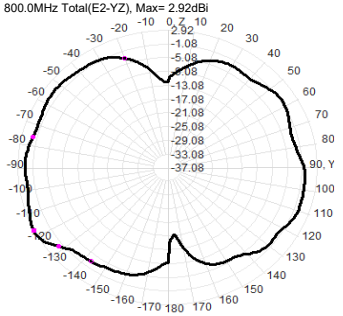
Back View



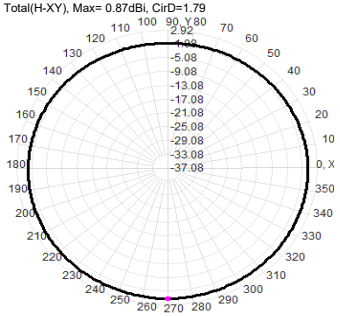
800.0MHz Total(E1-XZ), Max= 1.30dBi



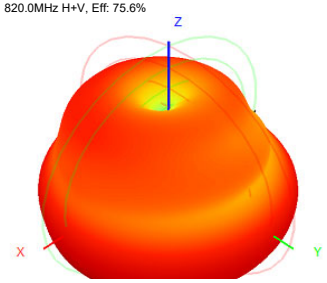
800.0MHz Total(E2-YZ), Max= 2.92dBi



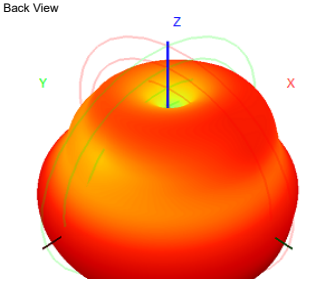
Total(H-XY), Max= 0.87dBi, CirD=1.79



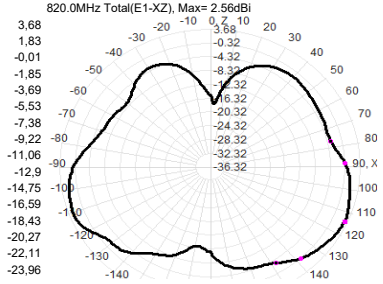
820.0MHz H+V, Eff: 75.6%



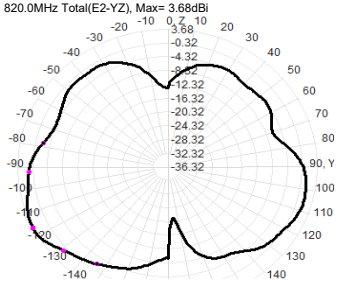
Back View



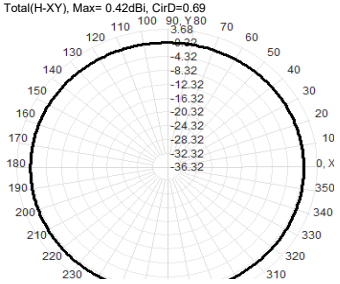
820.0MHz Total(E1-XZ), Max= 2.56dBi

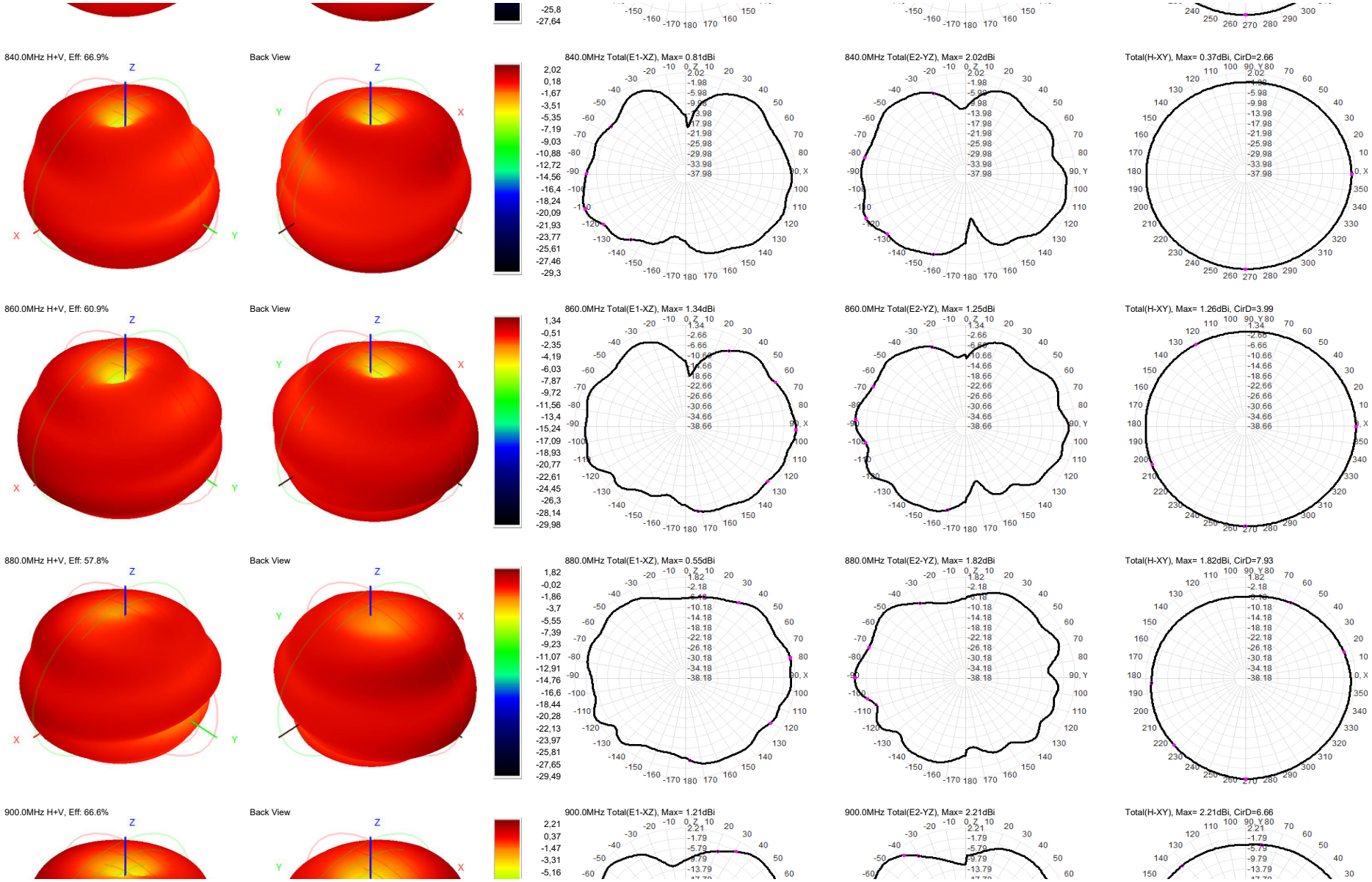


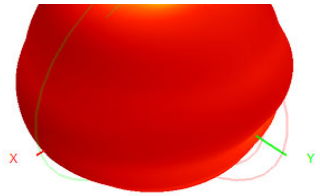
820.0MHz Total(E2-YZ), Max= 3.68dBi

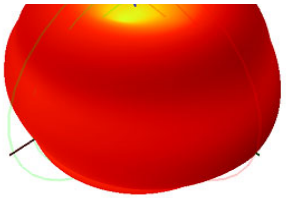


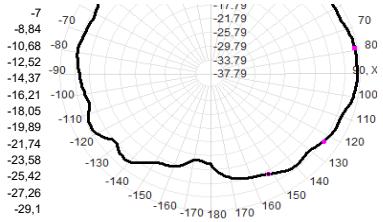
Total(H-XY), Max= 0.42dBi, CirD=0.69

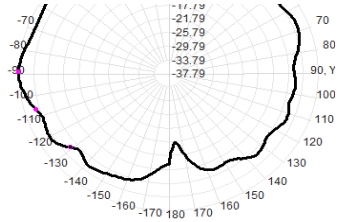


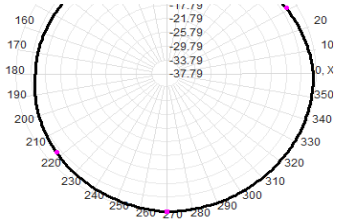

840.0MHz H+V, Eff: 66.9%
Back View
840.0MHz Total(E1-XZ), Max= 0.81dBi
840.0MHz Total(E2-YZ), Max= 2.02dBi
Total(H-XY), Max= 0.37dBi, CirD=2.66
860.0MHz H+V, Eff: 60.9%
Back View
860.0MHz Total(E1-XZ), Max= 1.34dBi
860.0MHz Total(E2-YZ), Max= 1.25dBi
Total(H-XY), Max= 1.26dBi, CirD=3.99
880.0MHz H+V, Eff: 57.8%
Back View
880.0MHz Total(E1-XZ), Max= 0.55dBi
880.0MHz Total(E2-YZ), Max= 1.82dBi
Total(H-XY), Max= 1.82dBi, CirD=7.93
900.0MHz H+V, Eff: 66.6%
Back View
900.0MHz Total(E1-XZ), Max= 1.21dBi
900.0MHz Total(E2-YZ), Max= 2.21dBi
Total(H-XY), Max= 2.21dBi, CirD=6.66



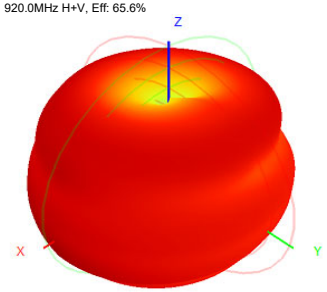




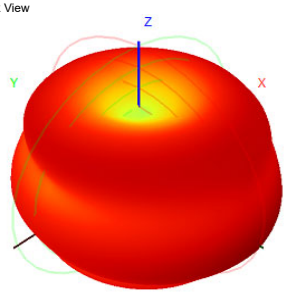




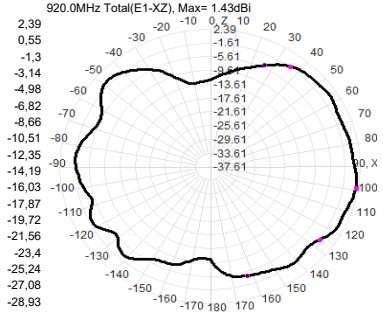
920.0MHz H+V, Eff: 65.6%



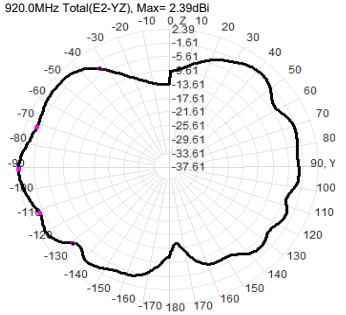
Back View



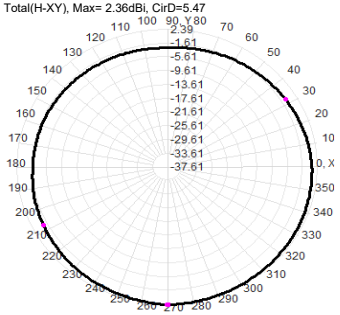
920.0MHz Total(E1-XZ), Max= 1.43dBi



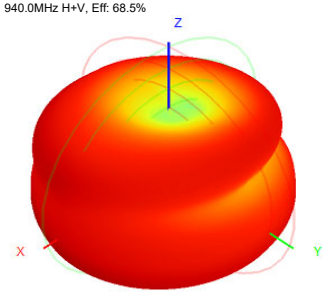
920.0MHz Total(E2-YZ), Max= 2.39dBi



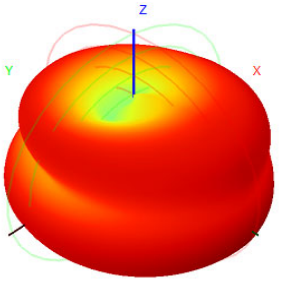
Total(H-XY), Max= 2.36dBi, CirD=5.47



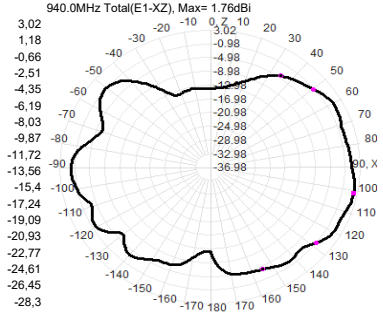
940.0MHz H+V, Eff: 68.5%



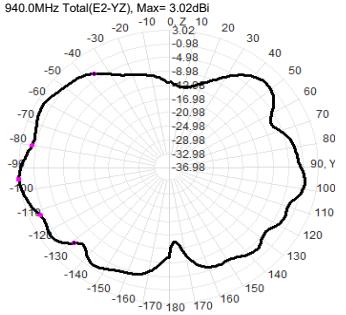
Back View



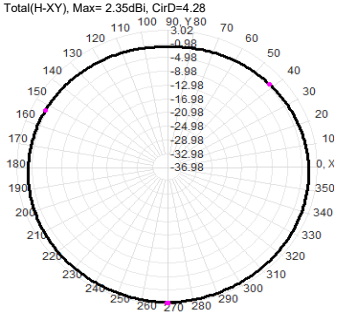
940.0MHz Total(E1-XZ), Max= 1.76dBi



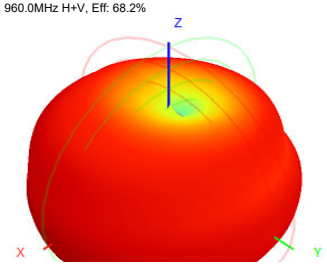
940.0MHz Total(E2-YZ), Max= 3.02dBi



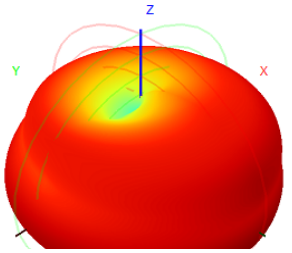
Total(H-XY), Max= 2.35dBi, CirD=4.28



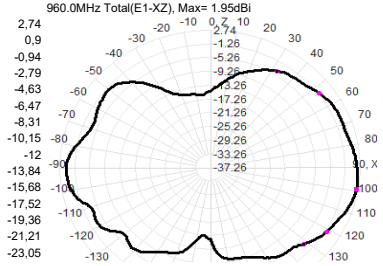
960.0MHz H+V, Eff: 68.2%



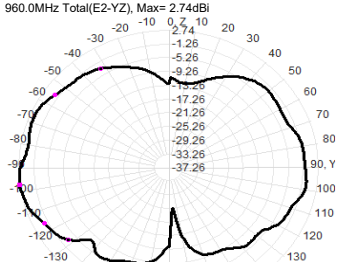
Back View



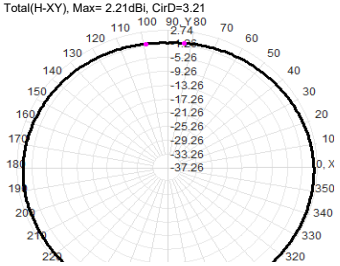
960.0MHz Total(E1-XZ), Max= 1.95dBi

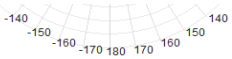


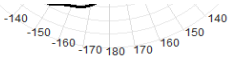
960.0MHz Total(E2-YZ), Max= 2.74dBi

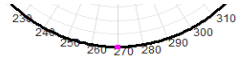


Total(H-XY), Max= 2.21dBi, CirD=3.21

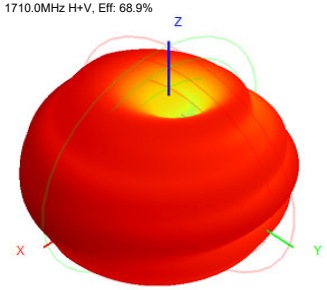




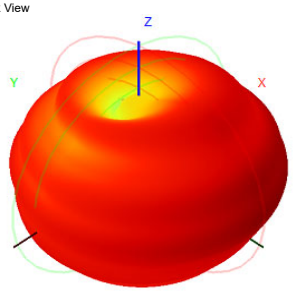




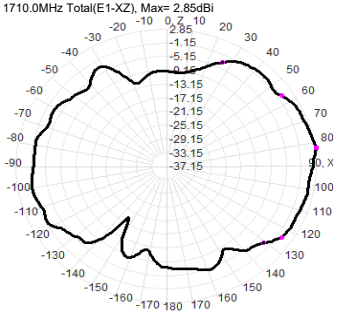
1710.0MHz H+V, Eff: 68.9%



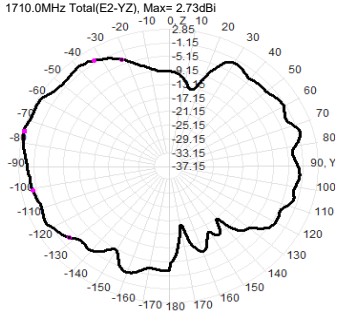
Back View



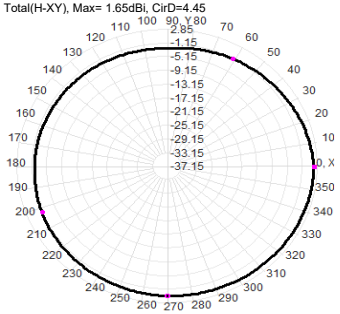
1710.0MHz Total(E1-XZ), Max= 2.85dBi



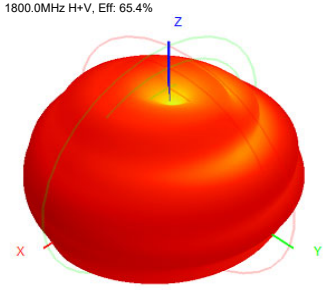
1710.0MHz Total(E2-YZ), Max= 2.73dBi



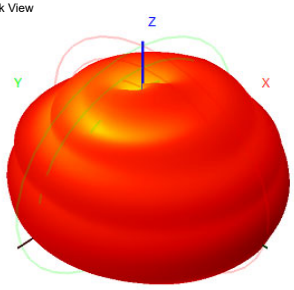
Total(H-XY), Max= 1.65dBi, CirD=4.45



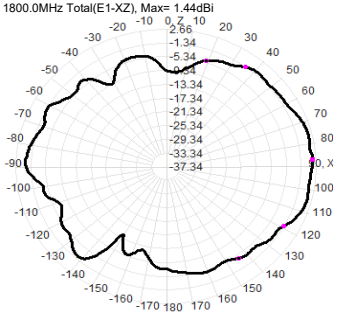
1800.0MHz H+V, Eff: 65.4%



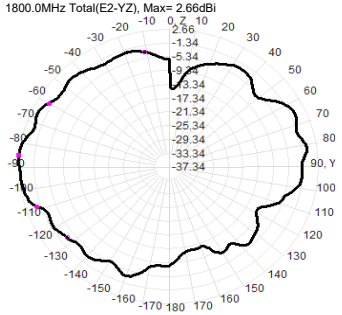
Back View



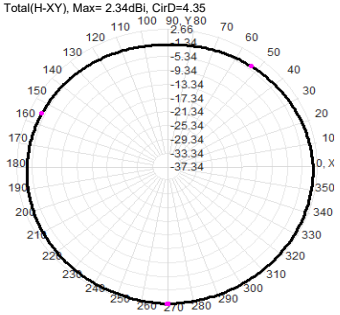
1800.0MHz Total(E1-XZ), Max= 1.44dBi



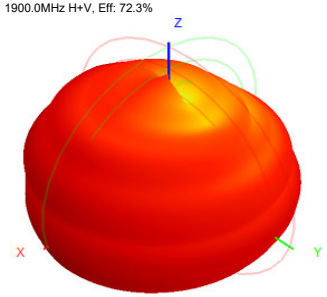
1800.0MHz Total(E2-YZ), Max= 2.66dBi



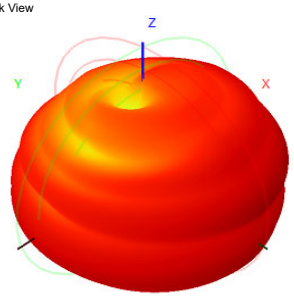
Total(H-XY), Max= 2.34dBi, CirD=4.35



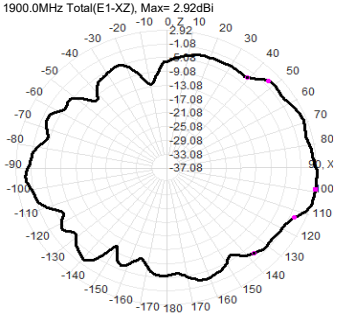
1900.0MHz H+V, Eff: 72.3%



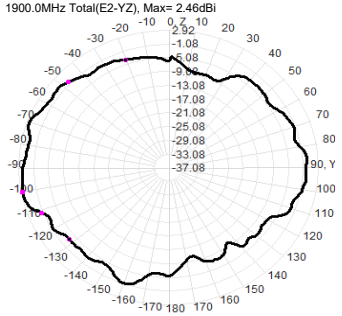
Back View



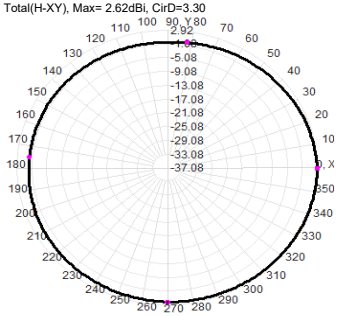
1900.0MHz Total(E1-XZ), Max= 2.92dBi



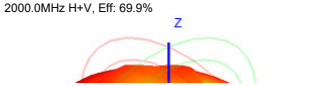
1900.0MHz Total(E2-YZ), Max= 2.46dBi



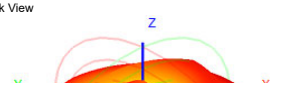
Total(H-XY), Max= 2.62dBi, CirD=3.30



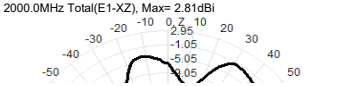
2000.0MHz H+V, Eff: 69.9%



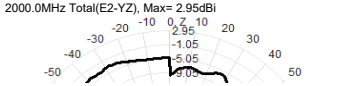
Back View



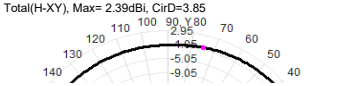
2000.0MHz Total(E1-XZ), Max= 2.81dBi

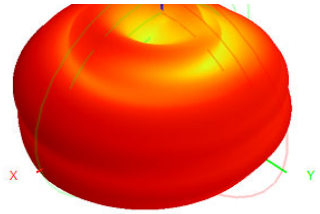


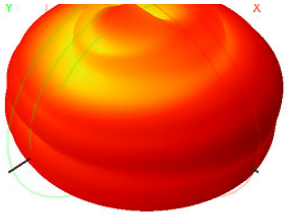
2000.0MHz Total(E2-YZ), Max= 2.95dBi

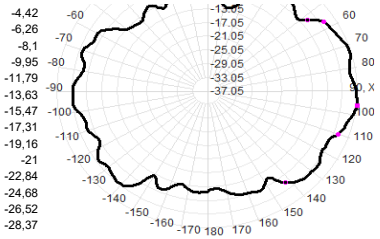


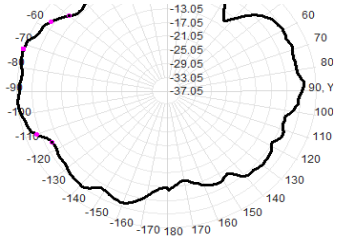
Total(H-XY), Max= 2.39dBi, CirD=3.85

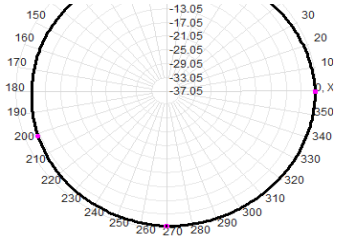




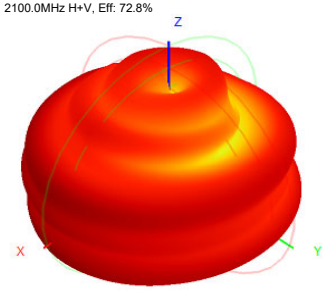




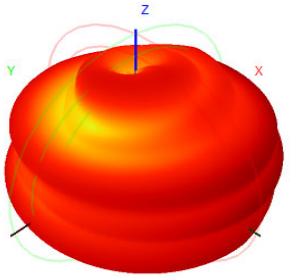




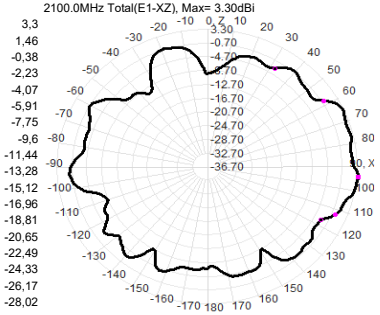
2100.0MHz H+V, Eff: 72.8%



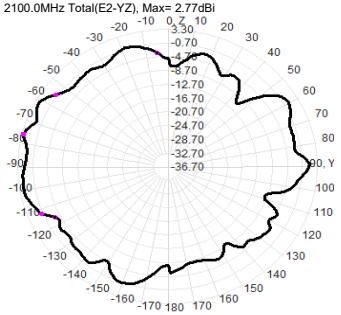
Back View



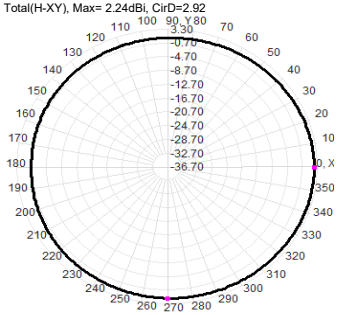
2100.0MHz Total(E1-XZ), Max= 3.30dBi



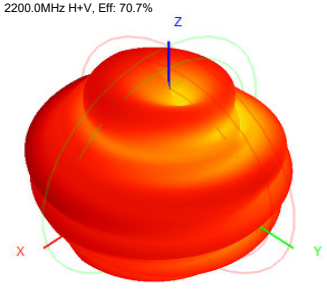
2100.0MHz Total(E2-YZ), Max= 2.77dBi



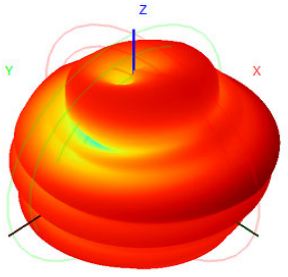
Total(H-XY), Max= 2.24dBi, CirD=2.92



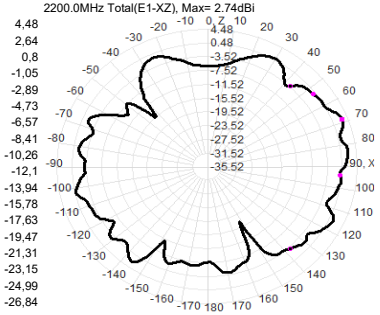
2200.0MHz H+V, Eff: 70.7%



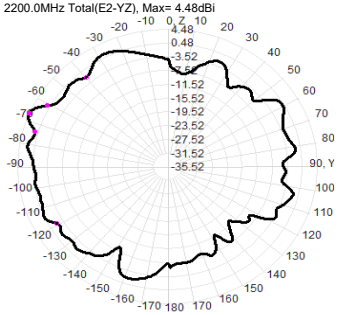
Back View



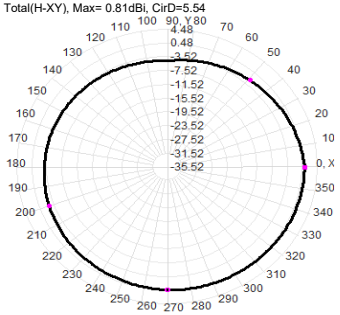
2200.0MHz Total(E1-XZ), Max= 2.74dBi



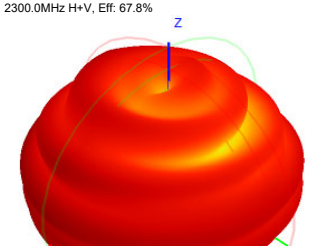
2200.0MHz Total(E2-YZ), Max= 4.48dBi



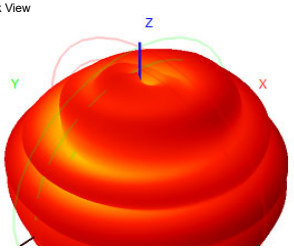
Total(H-XY), Max= 0.81dBi, CirD=5.54



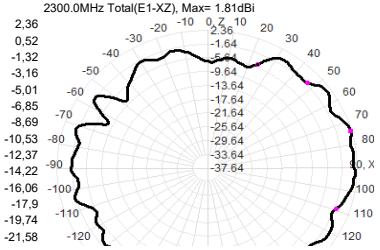
2300.0MHz H+V, Eff: 67.8%



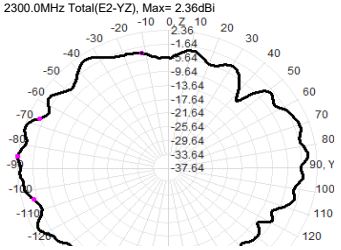
Back View



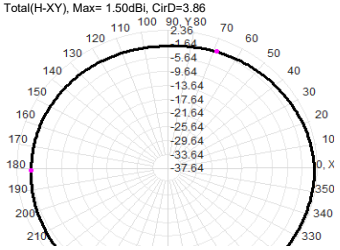
2300.0MHz Total(E1-XZ), Max= 1.81dBi

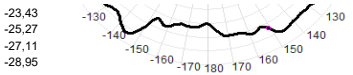


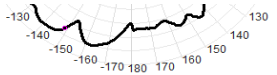
2300.0MHz Total(E2-YZ), Max= 2.36dBi

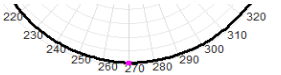


Total(H-XY), Max= 1.50dBi, CirD=3.86

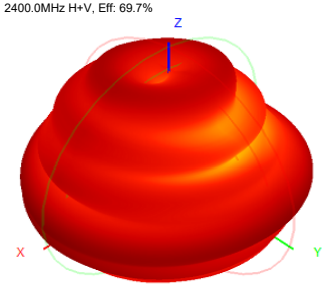




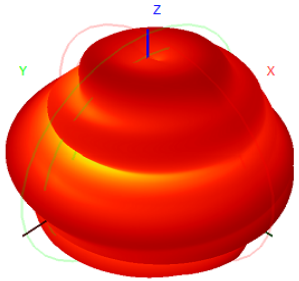




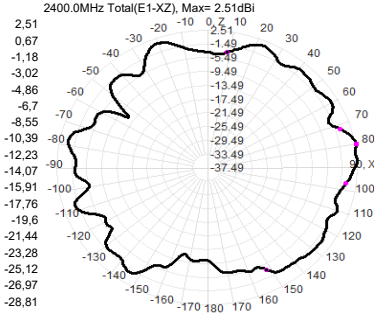
2400.0MHz H+V, Eff: 69.7%



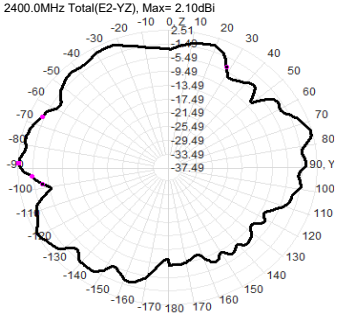
Back View



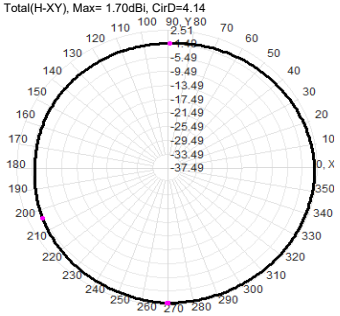
2400.0MHz Total(E1-XZ), Max= 2.51dBi



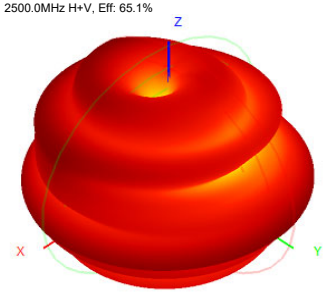
2400.0MHz Total(E2-YZ), Max= 2.10dBi



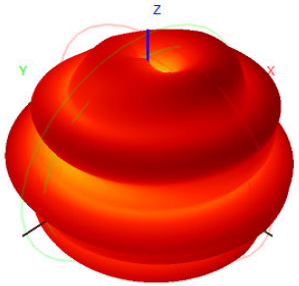
Total(H-XY), Max= 1.70dBi, CirD=4.14



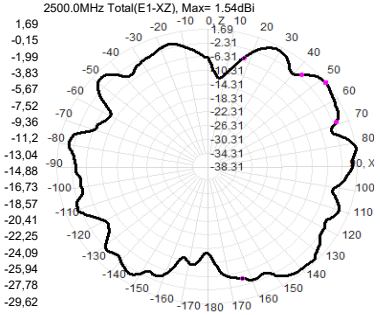
2500.0MHz H+V, Eff: 65.1%



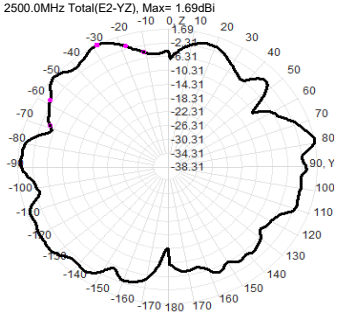
Back View



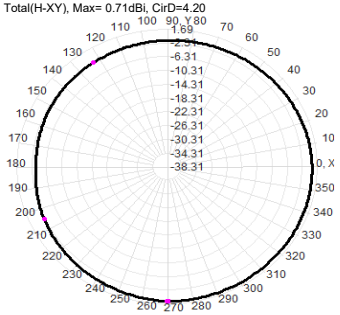
2500.0MHz Total(E1-XZ), Max= 1.54dBi



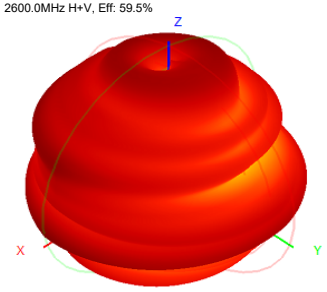
2500.0MHz Total(E2-YZ), Max= 1.69dBi



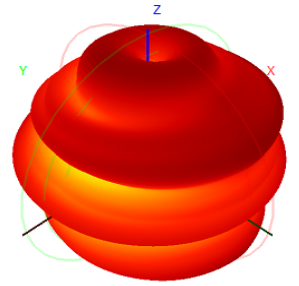
Total(H-XY), Max= 0.71dBi, CirD=4.20



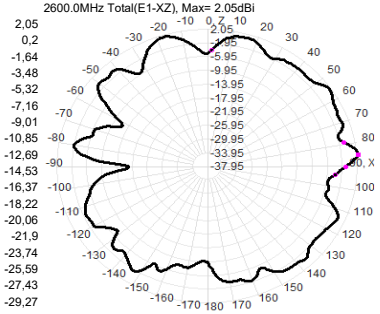
2600.0MHz H+V, Eff: 59.5%



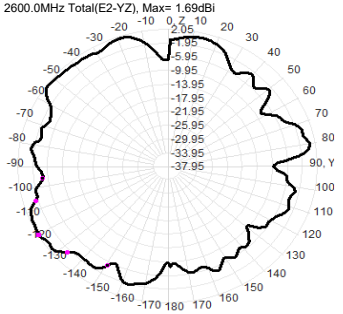
Back View



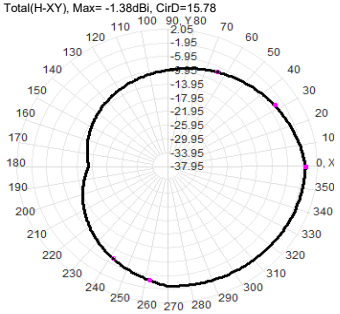
2600.0MHz Total(E1-XZ), Max= 2.05dBi



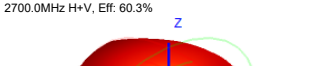
2600.0MHz Total(E2-YZ), Max= 1.69dBi



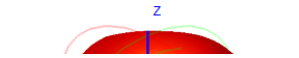
Total(H-XY), Max= -1.38dBi, CirD=15.78



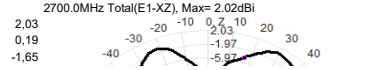
2700.0MHz H+V, Eff: 60.3%



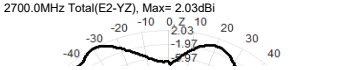
Back View



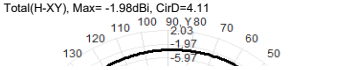
2700.0MHz Total(E1-XZ), Max= 2.02dBi

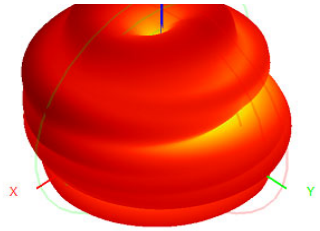


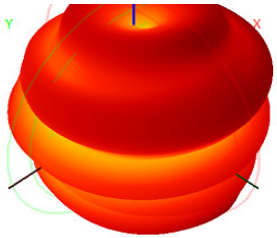
2700.0MHz Total(E2-YZ), Max= 2.03dBi

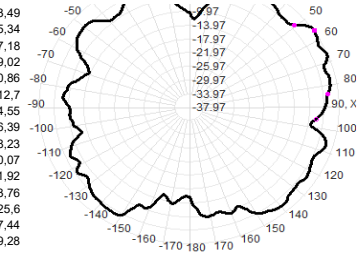


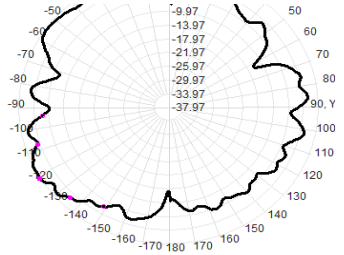
Total(H-XY), Max= -1.98dBi, CirD=4.11

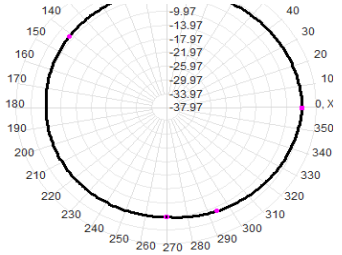




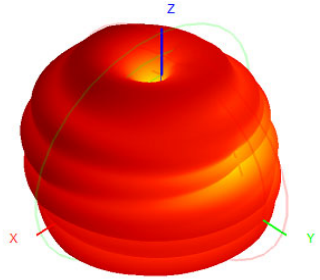




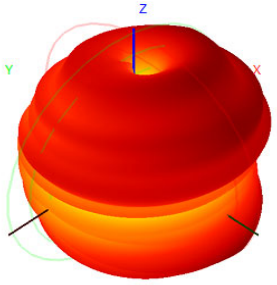




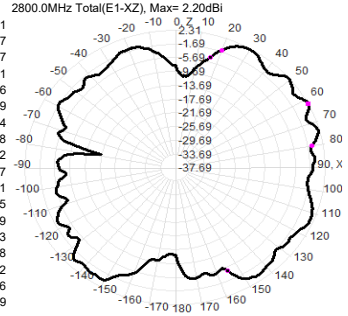
2800.0MHz H+V, Eff: 66.3%



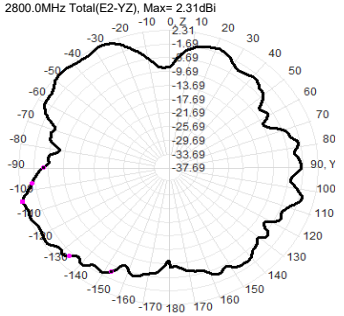
Back View



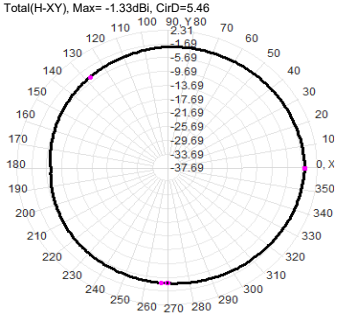
2800.0MHz Total(E1-XZ), Max= 2.20dBi



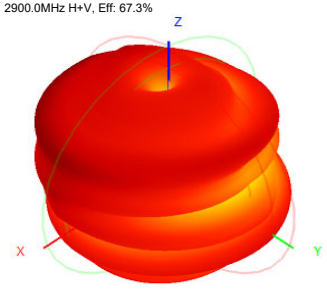
2800.0MHz Total(E2-YZ), Max= 2.31dBi



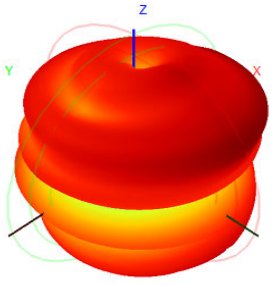
Total(H-XY), Max= -1.33dBi, CirD=5.46



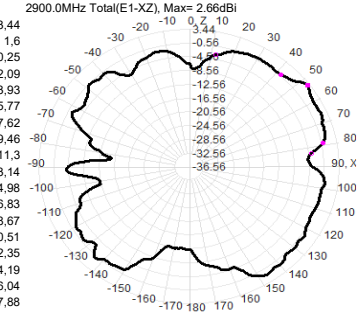
2900.0MHz H+V, Eff: 67.3%



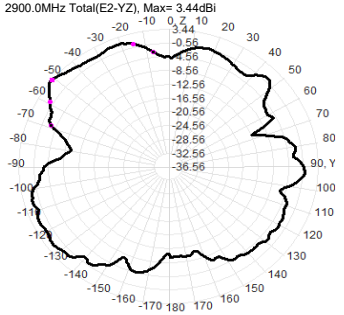
Back View



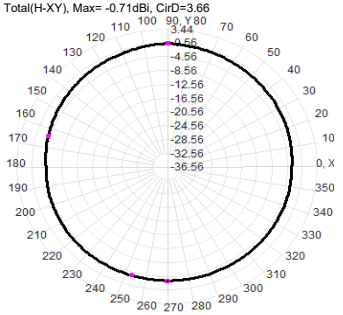
2900.0MHz Total(E1-XZ), Max= 2.66dBi



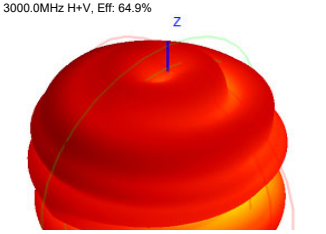
2900.0MHz Total(E2-YZ), Max= 3.44dBi



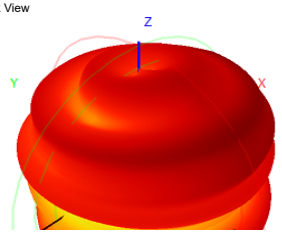
Total(H-XY), Max= -0.71dBi, CirD=3.66



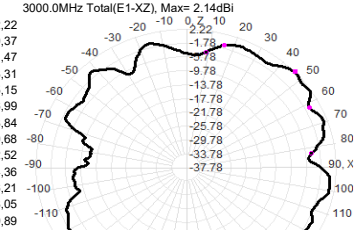
3000.0MHz H+V, Eff: 64.9%



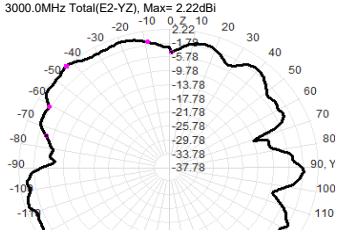
Back View



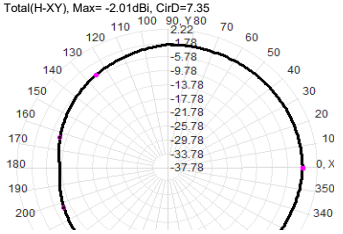
3000.0MHz Total(E1-XZ), Max= 2.14dBi

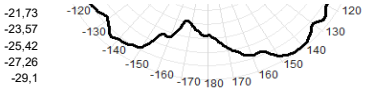


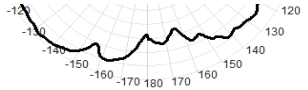
3000.0MHz Total(E2-YZ), Max= 2.22dBi

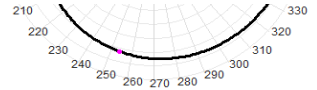


Total(H-XY), Max= -2.01dBi, CirD=7.35

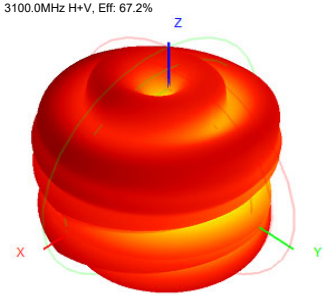




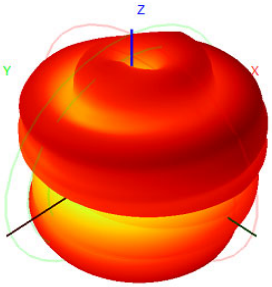


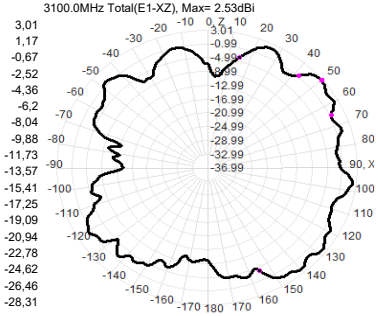


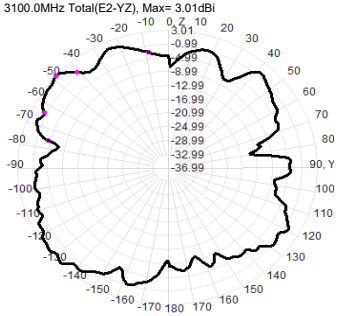
3100.0MHz H+V, Eff: 67.2%

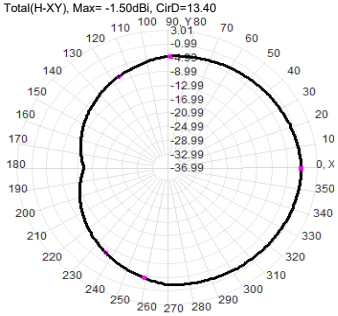


Back View

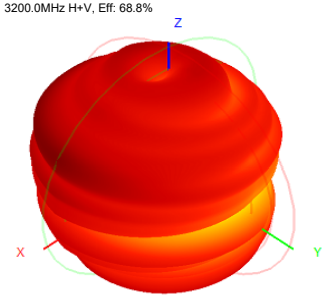




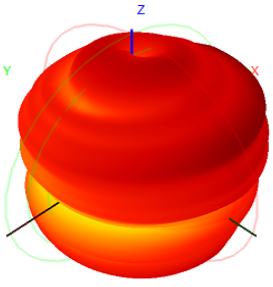


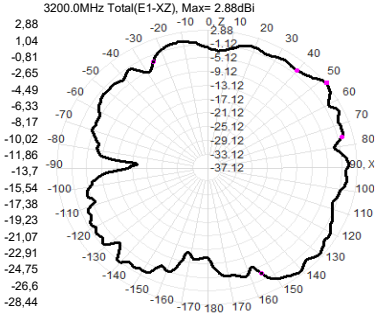


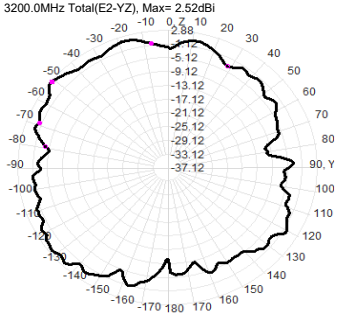
3200.0MHz H+V, Eff: 68.8%

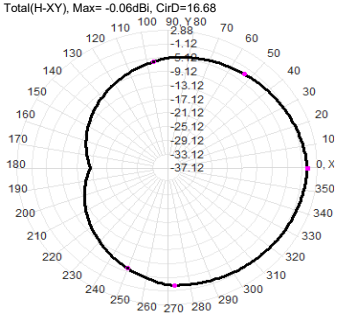


Back View

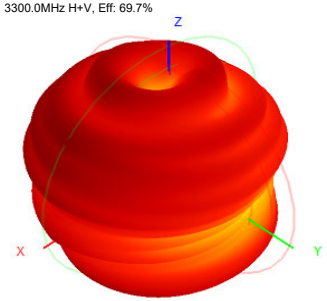




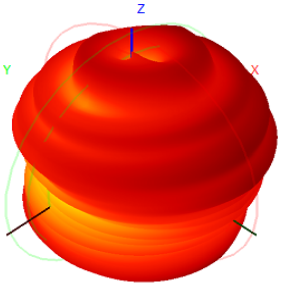


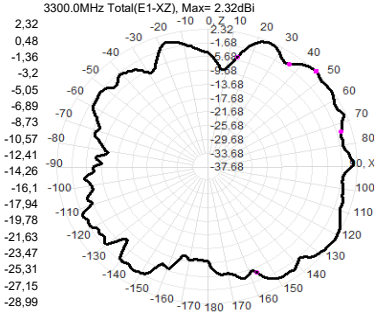


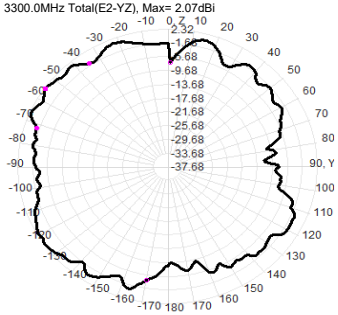
3300.0MHz H+V, Eff: 69.7%

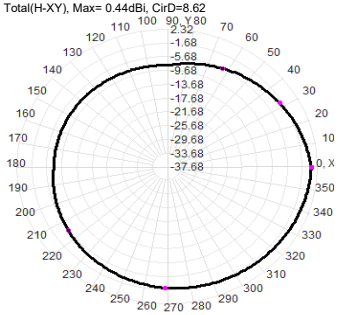


Back View

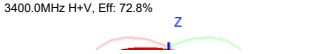




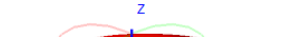


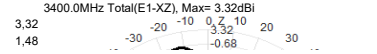


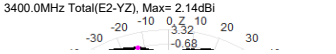
3400.0MHz H+V, Eff: 72.8%

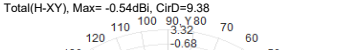


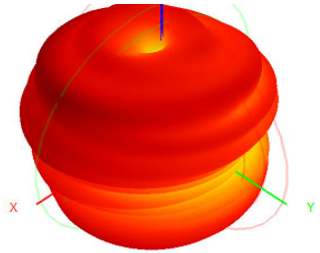
Back View

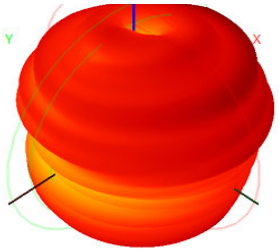


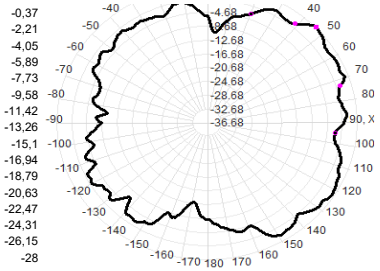


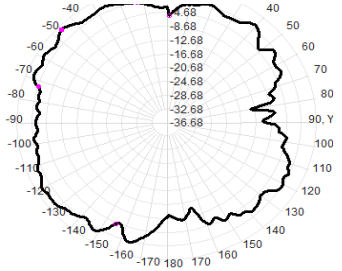


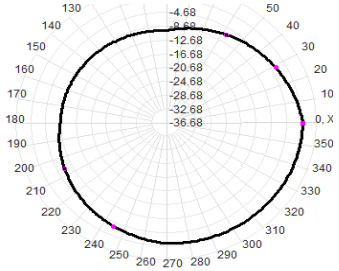




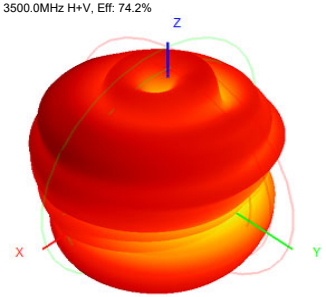




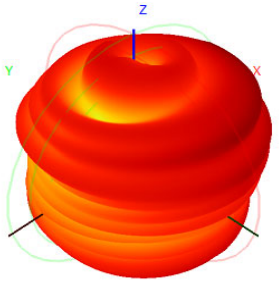




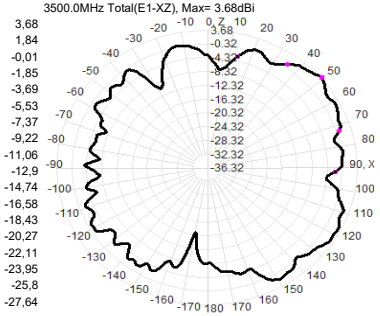
3500.0MHz H+V, Eff: 74.2%



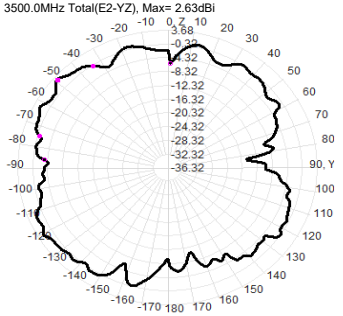
Back View



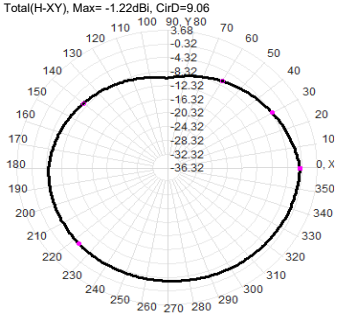
3500.0MHz Total(E1-XZ), Max= 3.68dBi



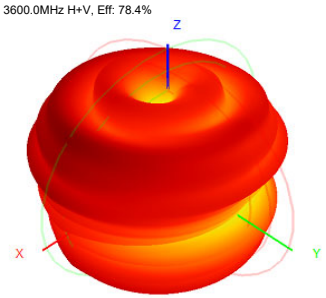
3500.0MHz Total(E2-YZ), Max= 2.63dBi



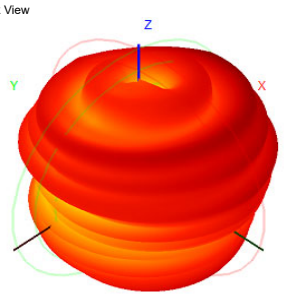
Total(H-XY), Max= -1.22dBi, CirD=9.06



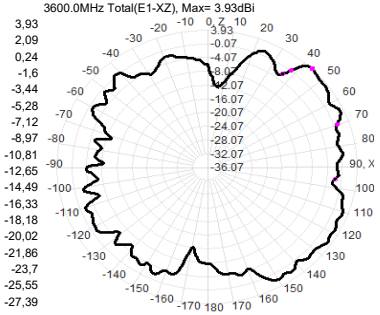
3600.0MHz H+V, Eff: 78.4%



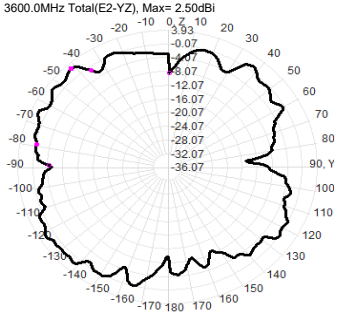
Back View



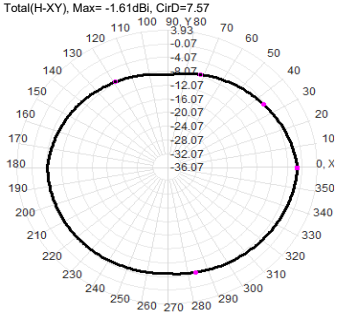
3600.0MHz Total(E1-XZ), Max= 3.93dBi



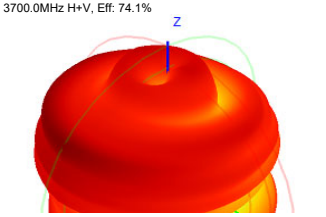
3600.0MHz Total(E2-YZ), Max= 2.50dBi



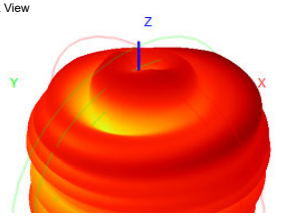
Total(H-XY), Max= -1.61dBi, CirD=7.57



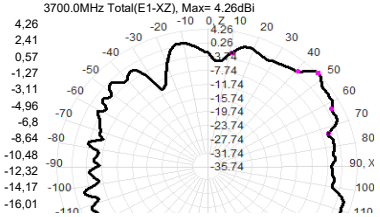
3700.0MHz H+V, Eff: 74.1%



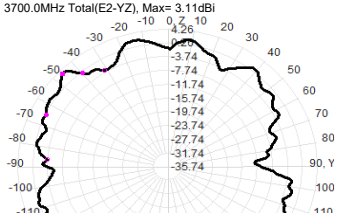
Back View



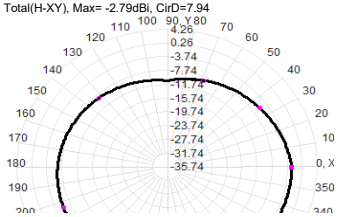
3700.0MHz Total(E1-XZ), Max= 4.26dBi

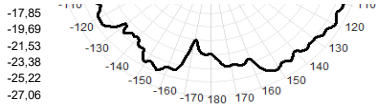


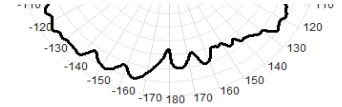
3700.0MHz Total(E2-YZ), Max= 3.11dBi

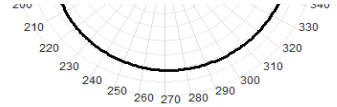


Total(H-XY), Max= -2.79dBi, CirD=7.94

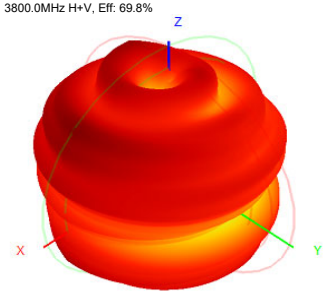




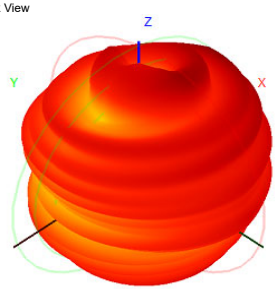




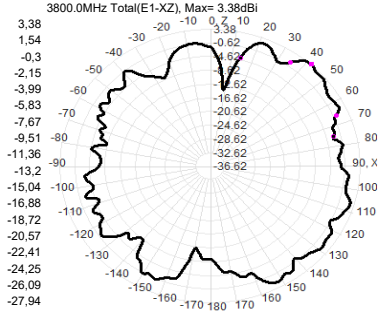
3800.0MHz H+V, Eff: 69.8%



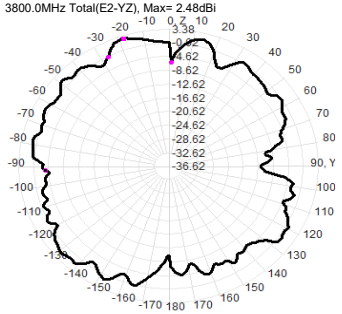
Back View



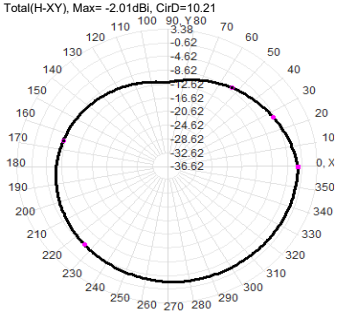
3800.0MHz Total(E1-XZ), Max= 3.38dBi



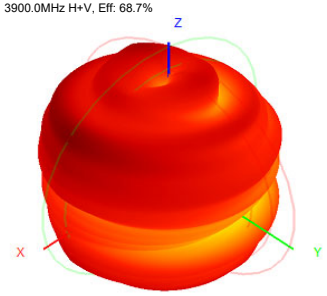
3800.0MHz Total(E2-YZ), Max= 2.48dBi



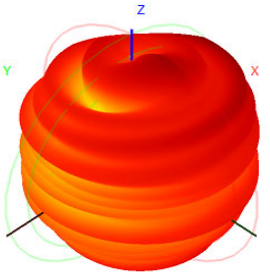
Total(H-XY), Max= -2.01dBi, CirD=10.21



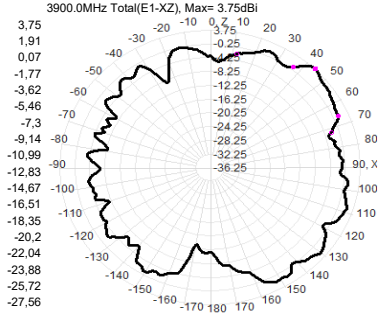
3900.0MHz H+V, Eff: 68.7%



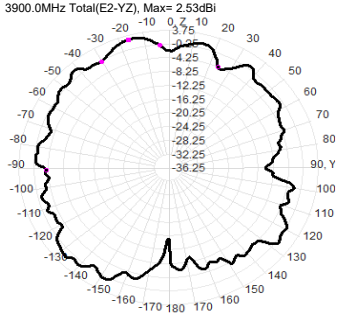
Back View



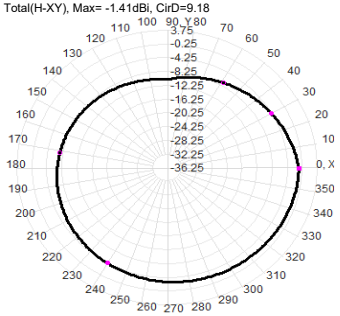
3900.0MHz Total(E1-XZ), Max= 3.75dBi



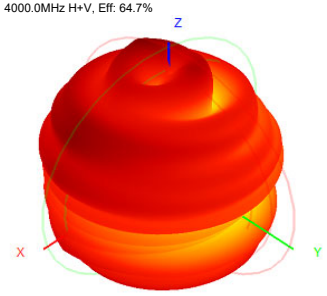
3900.0MHz Total(E2-YZ), Max= 2.53dBi



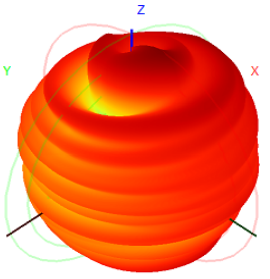
Total(H-XY), Max= -1.41dBi, CirD=9.18



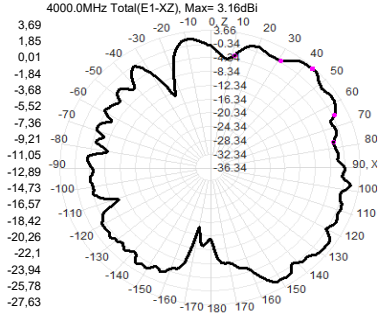
4000.0MHz H+V, Eff: 64.7%



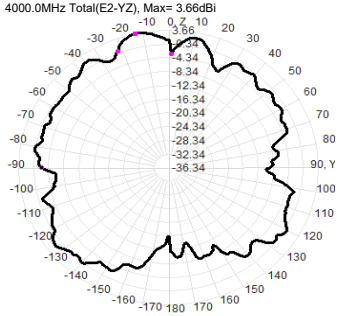
Back View



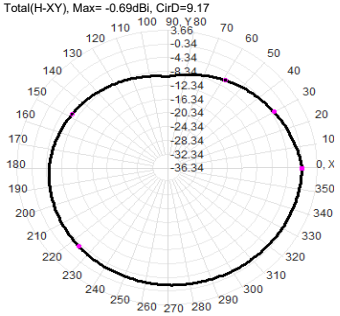
4000.0MHz Total(E1-XZ), Max= 3.16dBi



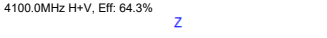
4000.0MHz Total(E2-YZ), Max= 3.66dBi



Total(H-XY), Max= -0.69dBi, CirD=9.17

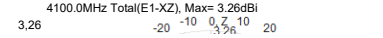


4100.0MHz H+V, Eff: 64.3%

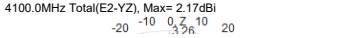


Back View

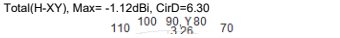
4100.0MHz Total(E1-XZ), Max= 3.26dBi

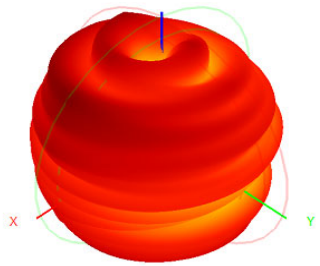


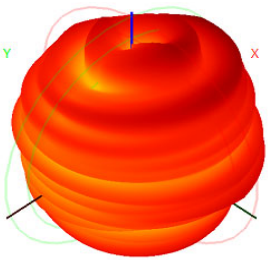
4100.0MHz Total(E2-YZ), Max= 2.17dBi

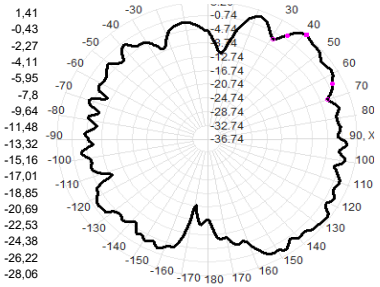


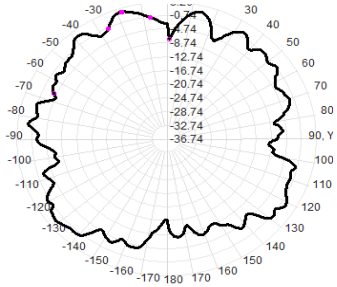
Total(H-XY), Max= -1.12dBi, CirD=6.30

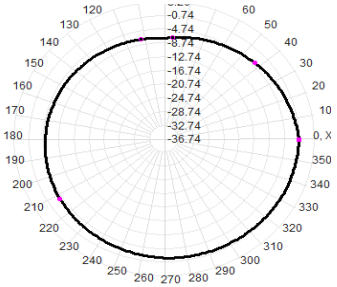




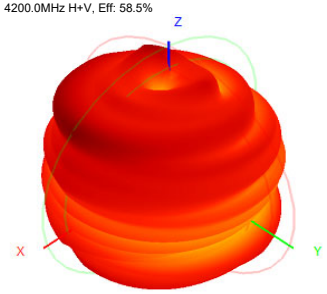




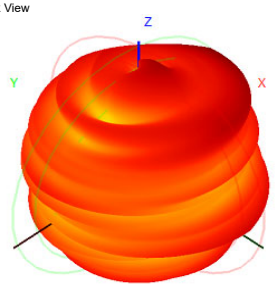




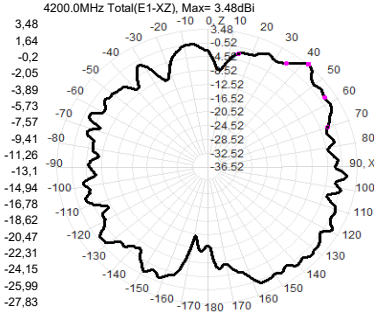
4200.0MHz H+V, Eff: 58.5%



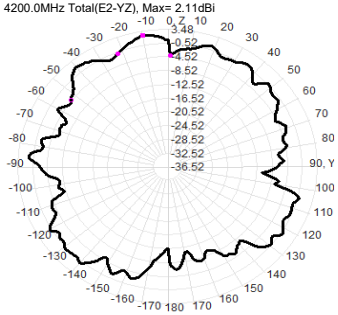
Back View



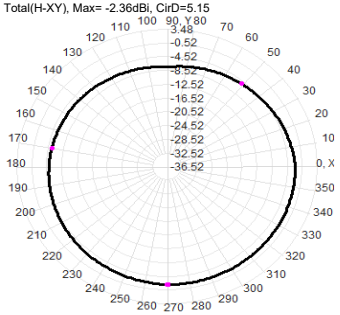
4200.0MHz Total(E1-XZ), Max= 3.48dBi



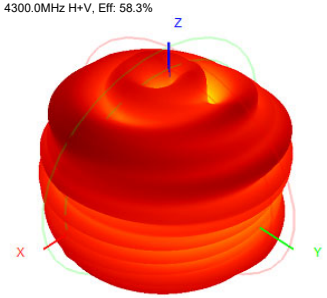
4200.0MHz Total(E2-YZ), Max= 2.11dBi



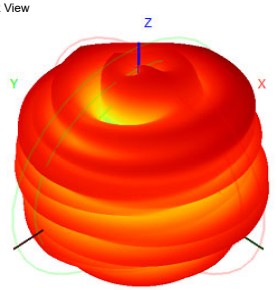
Total(H-XY), Max= -2.36dBi, CirD=5.15



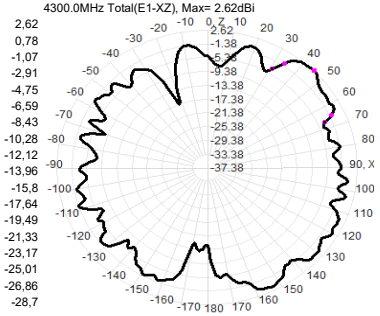
4300.0MHz H+V, Eff: 58.3%



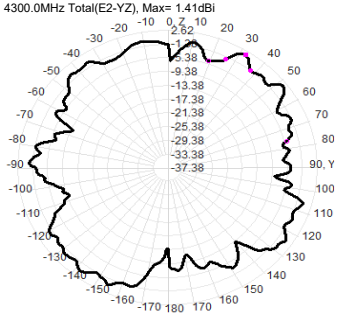
Back View



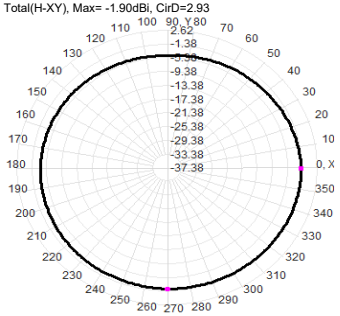
4300.0MHz Total(E1-XZ), Max= 2.62dBi



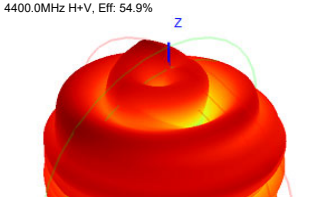
4300.0MHz Total(E2-YZ), Max= 1.41dBi



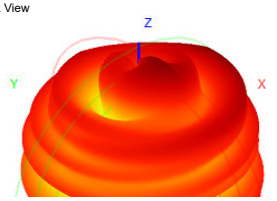
Total(H-XY), Max= -1.90dBi, CirD=2.93

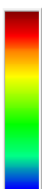


4400.0MHz H+V, Eff: 54.9%

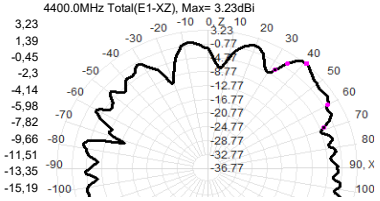


Back View

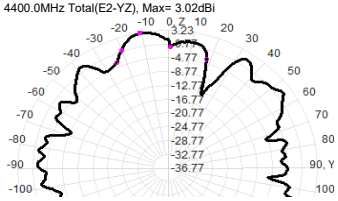




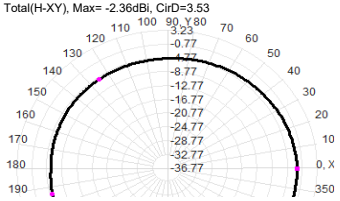
4400.0MHz Total(E1-XZ), Max= 3.23dBi

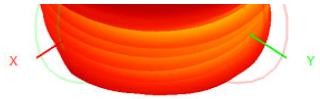


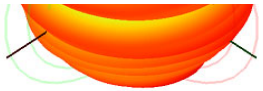
4400.0MHz Total(E2-YZ), Max= 3.02dBi

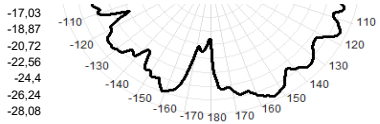


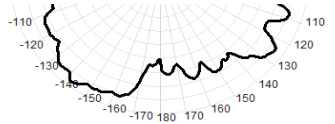
Total(H-XY), Max= -2.36dBi, CirD=3.53

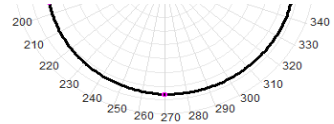




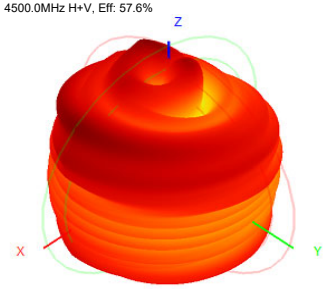




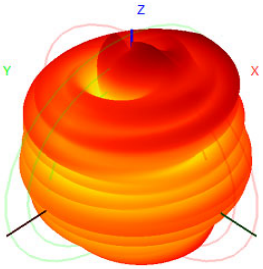




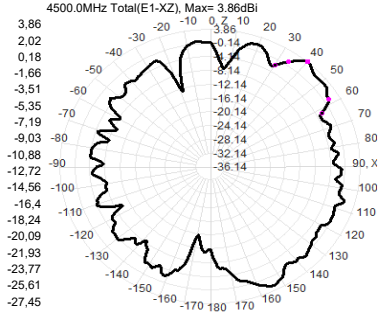
4500.0MHz H+V, Eff: 57.6%



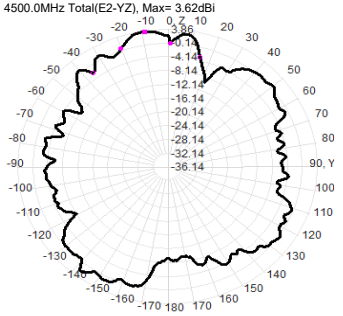
Back View



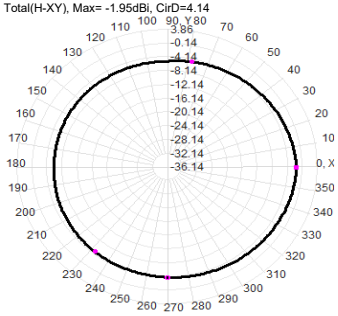
4500.0MHz Total(E1-XZ), Max= 3.86dBi



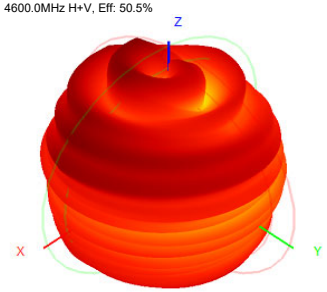
4500.0MHz Total(E2-YZ), Max= 3.62dBi



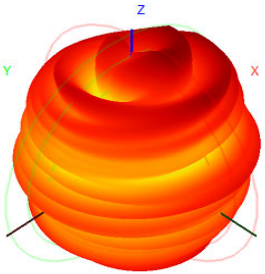
Total(H-XY), Max= -1.95dBi, CirD=4.14



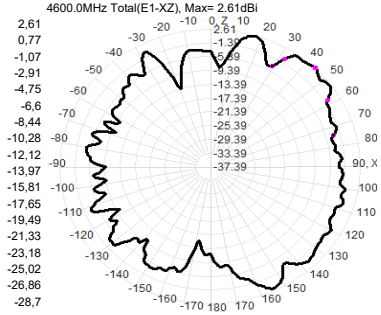
4600.0MHz H+V, Eff: 50.5%



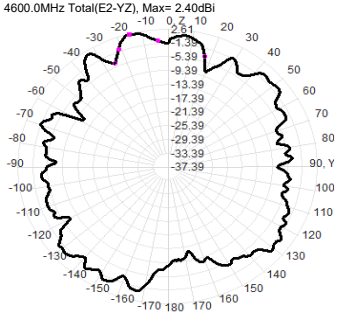
Back View



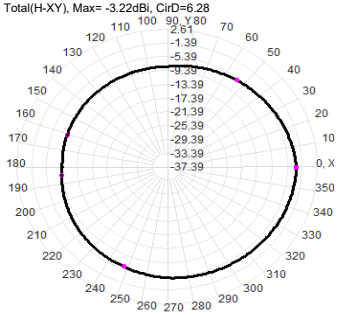
4600.0MHz Total(E1-XZ), Max= 2.61dBi



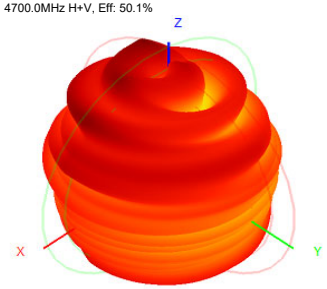
4600.0MHz Total(E2-YZ), Max= 2.40dBi



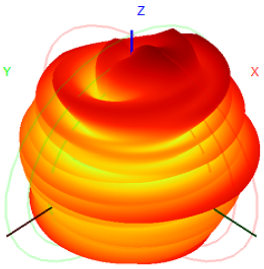
Total(H-XY), Max= -3.22dBi, CirD=6.28



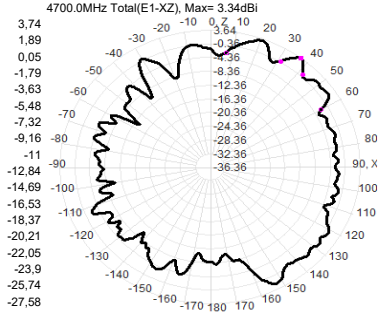
4700.0MHz H+V, Eff: 50.1%



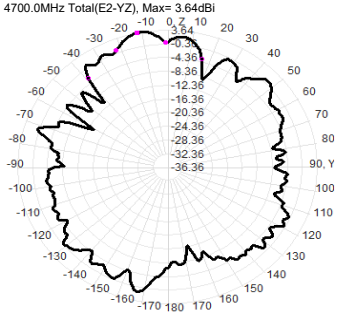
Back View



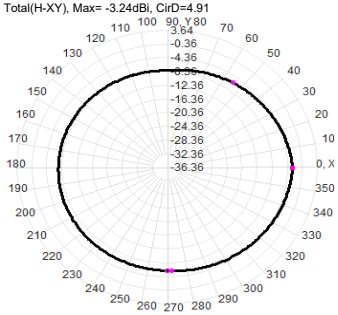
4700.0MHz Total(E1-XZ), Max= 3.34dBi



4700.0MHz Total(E2-YZ), Max= 3.64dBi



Total(H-XY), Max= -3.24dBi, CirD=4.91



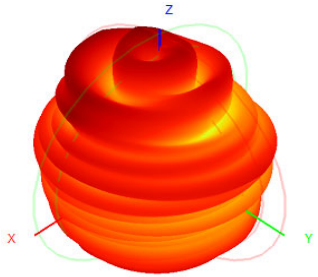
4800.0MHz H+V, Eff: 53.8%

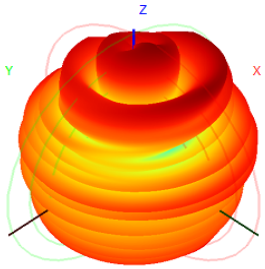
Back View

4800.0MHz Total(E1-XZ), Max= 3.26dBi

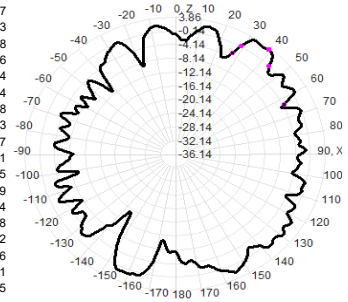
4800.0MHz Total(E2-YZ), Max= 3.86dBi

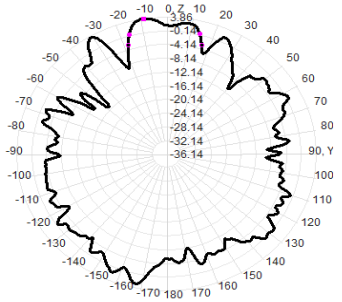
Total(H-XY), Max= -3.23dBi, CirD=5.88

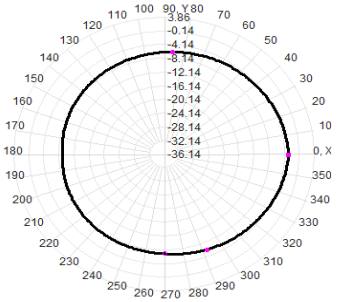

Z
X
Y

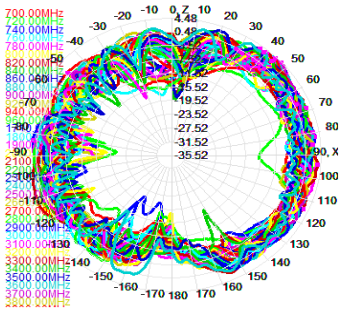

Z
Y
X

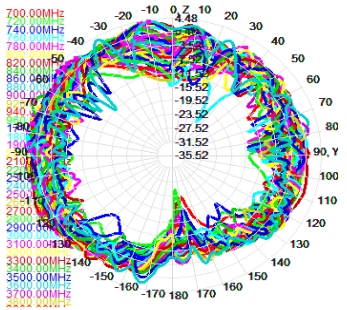

3,97
2,13
0,28
-1,56
-3,4
-5,24
-7,08
-8,93
-10,77
-12,61
-14,45
-16,29
-18,14
-19,98
-21,82
-23,66
-25,51
-27,35

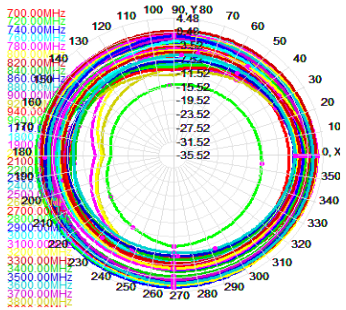

0, Z
90, X
3.86
-0.14
-4.14
-8.14
-12.14
-16.14
-20.14
-24.14
-28.14
-32.14
-36.14


90, Y
3.86
-0.14
-4.14
-8.14
-12.14
-16.14
-20.14
-24.14
-28.14
-32.14
-36.14


90, Y
0, X
3.86
-0.14
-4.14
-8.14
-12.14
-16.14
-20.14
-24.14
-28.14
-32.14
-36.14


0, Z
90, X
4.48
0.48
-3.52
-7.52
-11.52
-15.52
-19.52
-23.52
-27.52
-31.52
-35.52


90, Y
4.48
0.48
-3.52
-7.52
-11.52
-15.52
-19.52
-23.52
-27.52
-31.52
-35.52


90, Y
0, X
4.48
0.48
-3.52
-7.52
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-31.52
-35.52