

C1014 antenna test report

Manufacturer : Dongguan Yuaochen Technology Co., Ltd.

Address : 2/F, Leihan Industrial Park, Dalingshan Town,Dongguan

Summary

Model No.: C1014

TYPE : Onboard antenna

2.400 GHz~2.4835 GHz (2.4 GHz ISM Band)

2.4GHz: Ch 1~Ch 14

5.150 GHz~ 5.850 GHz (5.0 GHz Band)

5.0GHz: Please see the table1

Antenna drawing



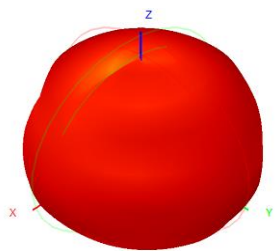
Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400	-7.45	-3.99	17.98
2410	-7.37	-3.94	18.32
2420	-7.76	-4.41	16.75
2430	-7.89	-4.60	16.27
2440	-8.04	-4.81	15.70
2450	-8.11	-4.95	15.47
2460	-8.35	-5.06	14.62
2470	-8.52	-5.16	14.06
2480	-8.71	-5.18	13.44
2490	-8.89	-5.17	12.90
5150	-15.17	-10.41	3.04
5160	-15.06	-10.42	3.12

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
5170	-15.18	-10.49	3.04
5180	-15.01	-9.92	3.16
5190	-14.89	-9.88	3.24
5200	-14.97	-10.01	3.18
5210	-14.79	-9.66	3.32
5220	-14.98	-9.93	3.18
5230	-14.57	-9.37	3.49
5240	-14.74	-9.67	3.36
5250	-14.69	-9.29	3.40
5260	-14.61	-9.63	3.46
5270	-14.55	-9.36	3.50
5280	-14.59	-9.19	3.47
5290	-14.51	-9.34	3.54
5300	-14.29	-8.96	3.73
5310	-14.33	-9.03	3.69
5320	-14.46	-9.34	3.58
5330	-14.34	-8.93	3.68
5340	-14.49	-9.07	3.55
5350	-14.28	-8.59	3.73
5360	-14.20	-8.62	3.80
5370	-14.30	-9.01	3.71
5380	-14.25	-8.48	3.76
5390	-14.25	-8.45	3.76
5400	-14.28	-8.75	3.73
5410	-14.09	-8.41	3.90
5420	-14.31	-8.51	3.71
5430	-14.19	-8.38	3.81
5440	-14.09	-8.15	3.90
5450	-13.96	-7.81	4.02
5460	-13.77	-7.43	4.19
5470	-13.91	-7.63	4.06
5480	-13.79	-7.49	4.17
5490	-13.76	-7.33	4.21
5500	-13.75	-7.54	4.22
5510	-13.76	-7.21	4.21
5520	-13.78	-7.10	4.19
5530	-13.56	-6.95	4.40

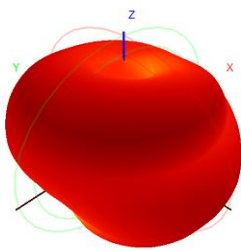
Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
5540	-13.65	-6.82	4.31
5550	-13.53	-6.66	4.44
5560	-13.59	-6.93	4.37
5570	-13.63	-6.68	4.33
5580	-13.63	-6.83	4.34

3D Pattern

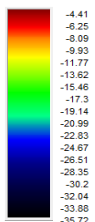
2420.0MHz H+V, Eff: 16.7%



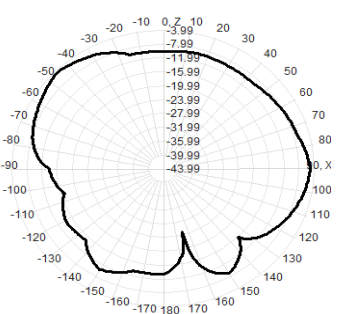
Back View



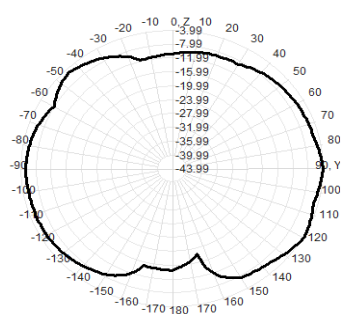
dBi



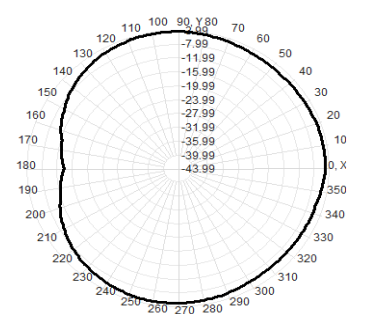
2420.0MHz Total(E1-XZ), Max= -5.02dBi



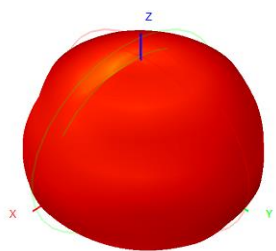
2420.0MHz Total(E2-YZ), Max= -4.46dBi



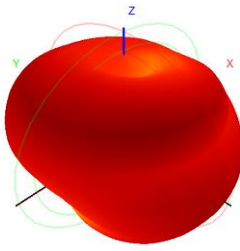
Total(H-XY), Max= -4.68dBi, CirD=9.79



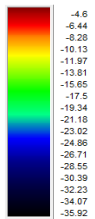
2430.0MHz H+V, Eff: 16.3%



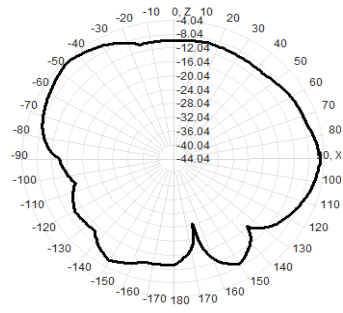
Back View



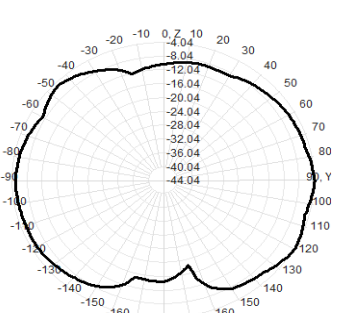
dBi



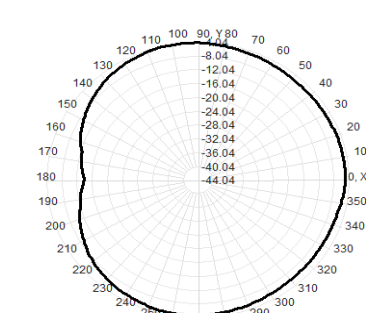
2430.0MHz Total(E1-XZ), Max= -5.20dBi



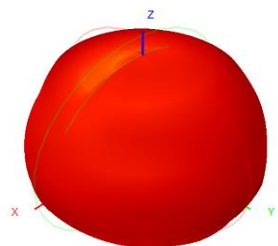
2430.0MHz Total(E2-YZ), Max= -4.77dBi



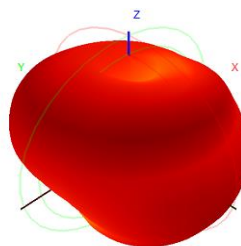
Total(H-XY), Max= -4.86dBi, CirD=9.64



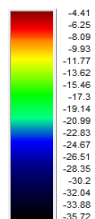
2420.0MHz H+V, Eff: 16.7%



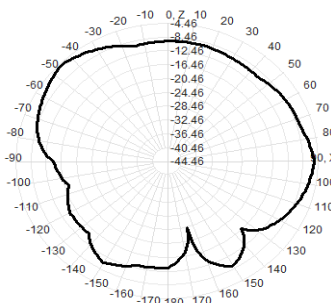
Back View



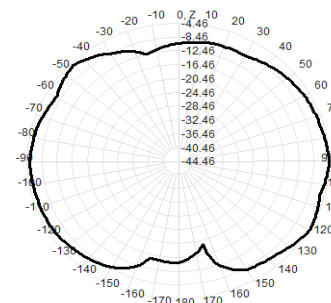
dBi



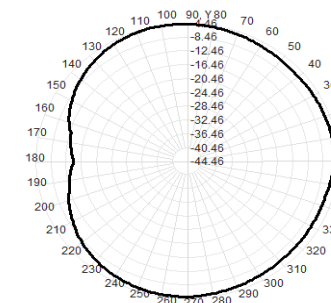
2420.0MHz Total(E1-XZ), Max= -5.02dBi



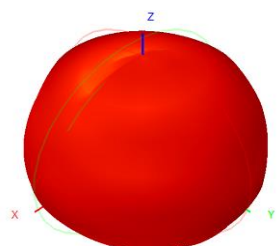
2420.0MHz Total(E2-YZ), Max= -4.46dBi



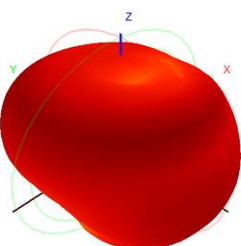
Total(H-XY), Max= -4.68dBi, CirD=9.79



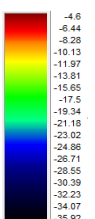
2430.0MHz H+V, Eff: 16.3%



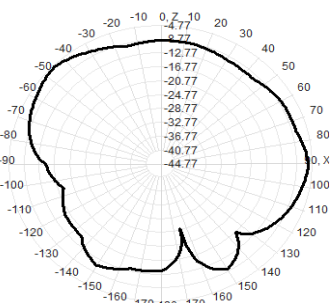
Back View



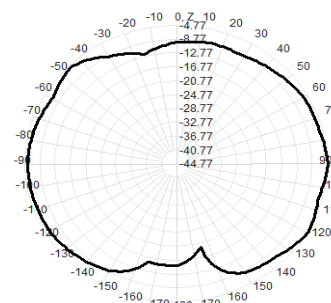
dBi



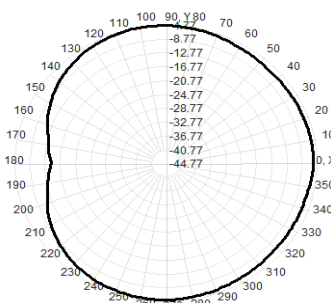
2430.0MHz Total(E1-XZ), Max= -5.20dBi



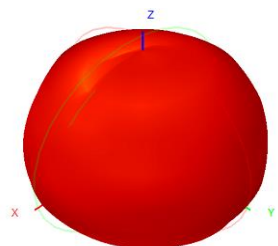
2430.0MHz Total(E2-YZ), Max= -4.77dBi



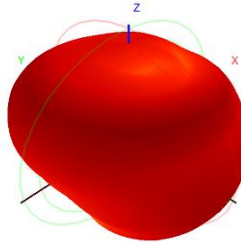
Total(H-XY), Max= -4.86dBi, CirD=9.64



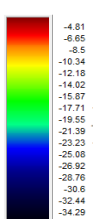
2440.0MHz H+V, Eff: 15.7%



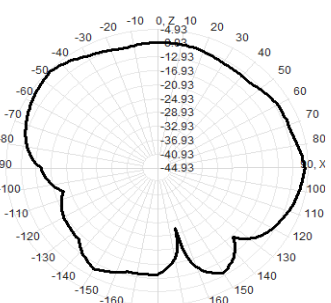
Back View



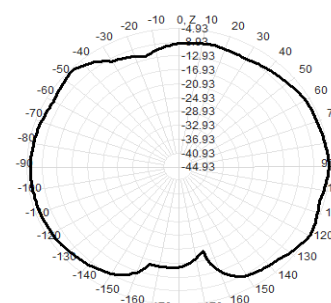
dBi



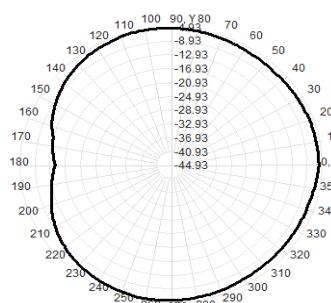
2440.0MHz Total(E1-XZ), Max= -5.32dBi



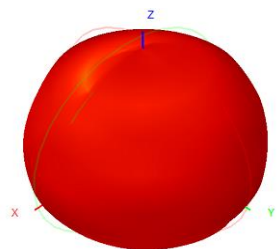
2440.0MHz Total(E2-YZ), Max= -4.93dBi



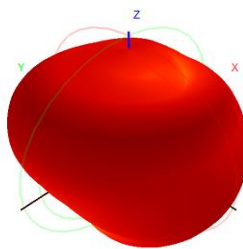
Total(H-XY), Max= -5.19dBi, CirD=9.10



2450.0MHz H+V, Eff: 15.5%

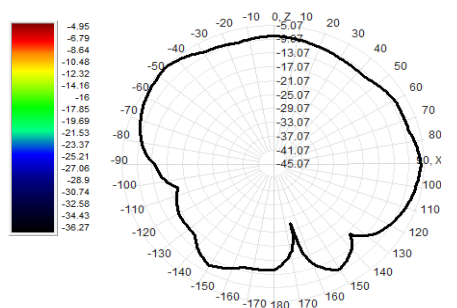


Back View

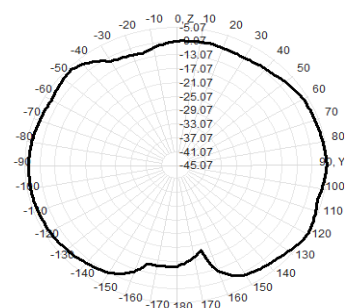


dBi

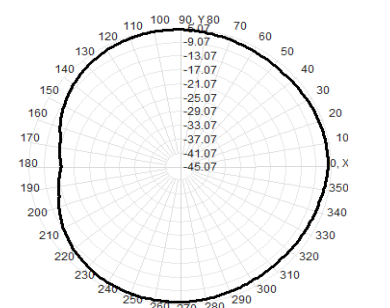
2450.0MHz Total(E1-XZ), Max= -5.33dBi



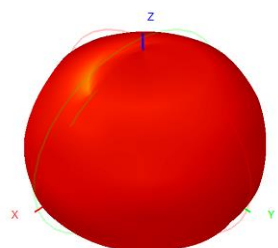
2450.0MHz Total(E2-YZ), Max= -5.07dBi



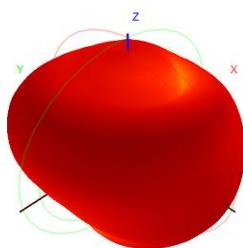
Total(H-XY), Max= -5.43dBi, CirD=8.25



2460.0MHz H+V, Eff: 14.6%

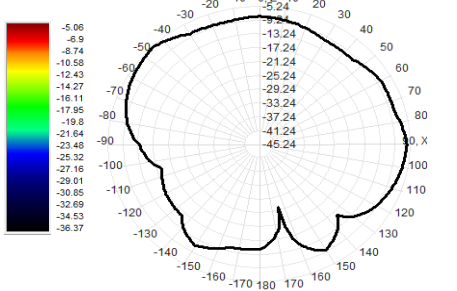


Back View

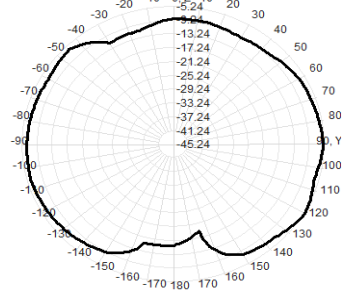


dBi

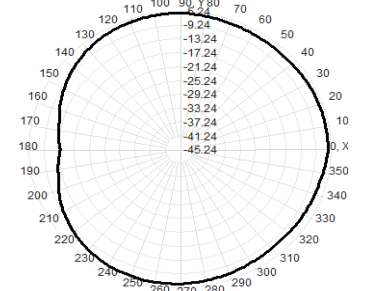
2460.0MHz Total(E1-XZ), Max= -5.60dBi



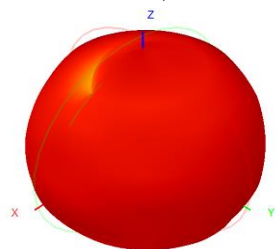
2460.0MHz Total(E2-YZ), Max= -5.24dBi



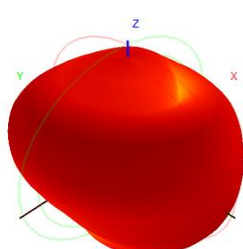
Total(H-XY), Max= -5.76dBi, CirD=7.84



2470.0MHz H+V, Eff: 14.1%

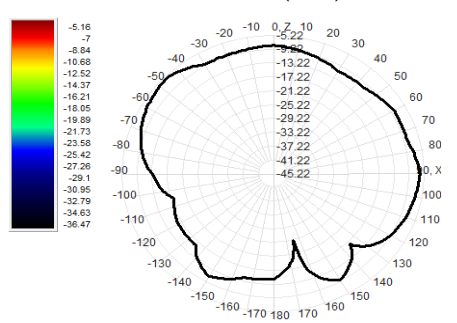


Back View

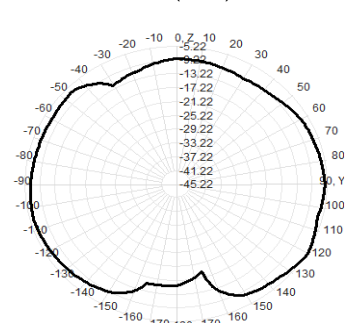


dBi

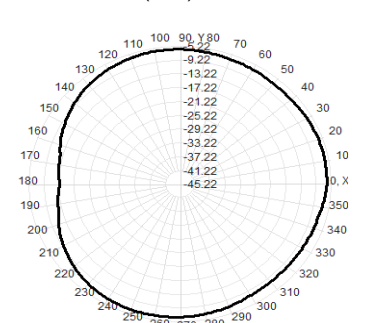
2470.0MHz Total(E1-XZ), Max= -5.82dBi



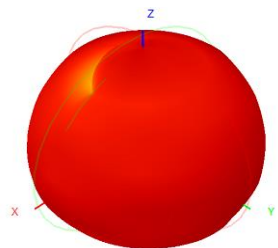
2470.0MHz Total(E2-YZ), Max= -5.22dBi



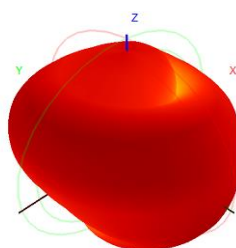
Total(H-XY), Max= -6.11dBi, CirD=7.31



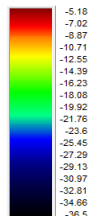
2480.0MHz H+V, Eff: 13.4%



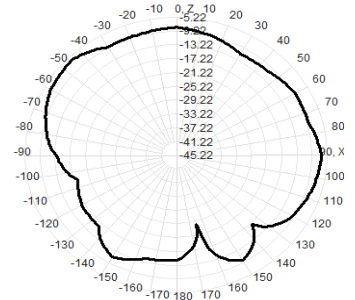
Back View



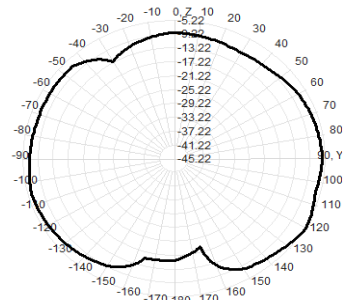
dBi



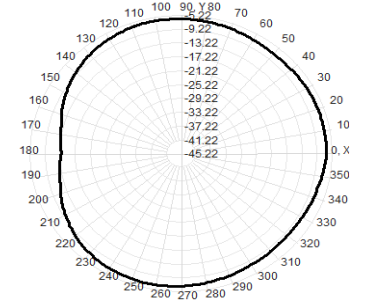
2480.0MHz Total(E1-XZ), Max= -6.29dBi



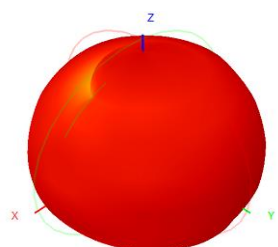
2480.0MHz Total(E2-YZ), Max= -5.22dBi



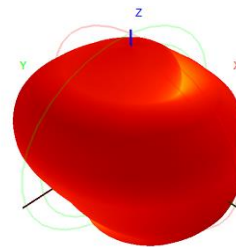
Total(H-XY), Max= -6.26dBi, CirD=7.35



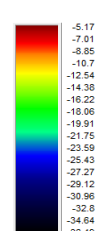
2490.0MHz H+V, Eff: 12.9%



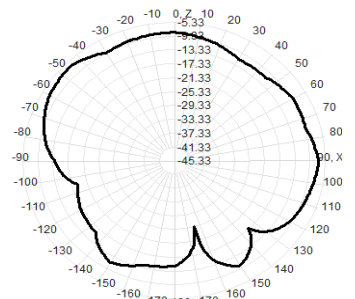
Back View



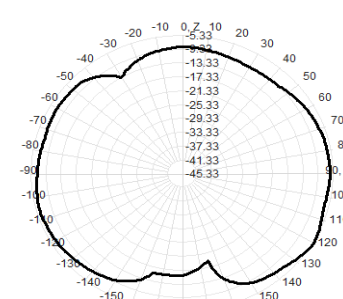
dBi



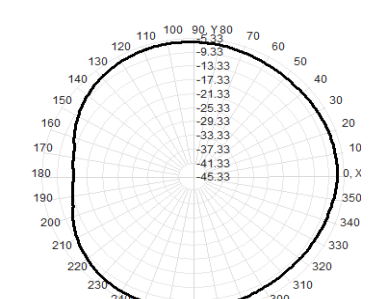
2490.0MHz Total(E1-XZ), Max= -6.63dBi



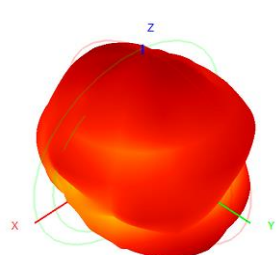
2490.0MHz Total(E2-YZ), Max= -5.33dBi



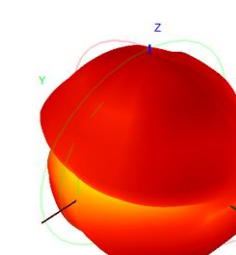
Total(H-XY), Max= -6.39dBi, CirD=7.47



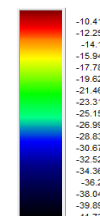
5150.0MHz H+V, Eff: 3.0%



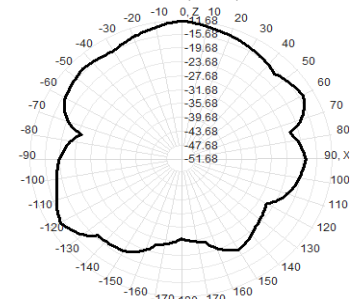
Back View



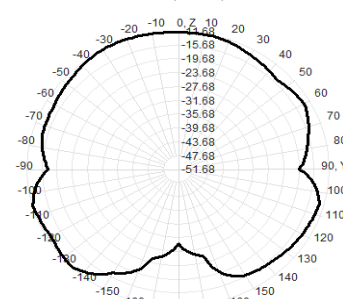
dBi



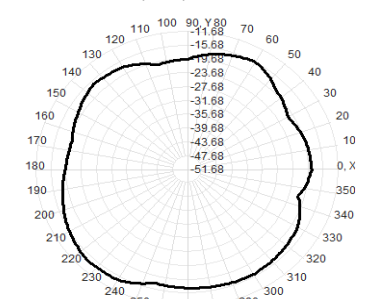
5150.0MHz Total(E1-XZ), Max= -11.92dBi



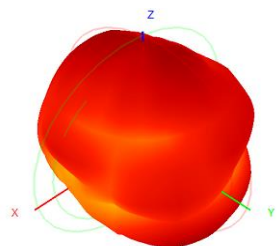
5150.0MHz Total(E2-YZ), Max= -11.68dBi



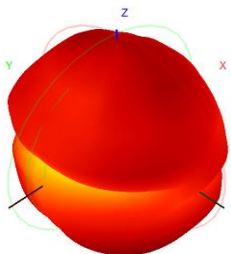
Total(H-XY), Max= -14.51dBi, CirD=7.01



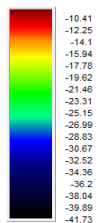
5160.0MHz H+V, Eff: 3.1%



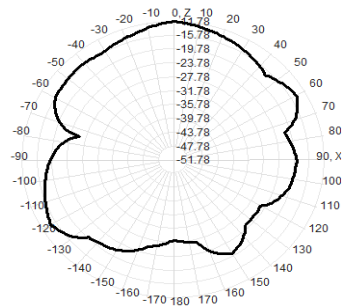
Back View



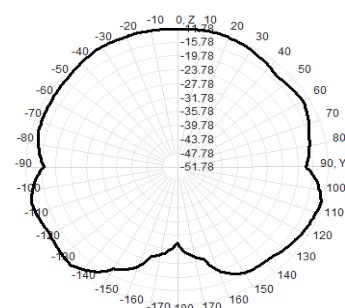
dBi



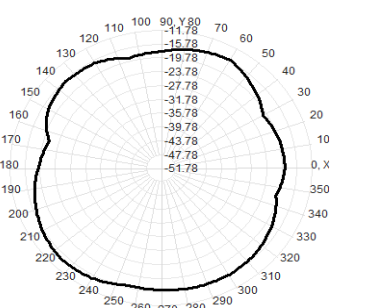
5160.0MHz Total(E1-XZ), Max= -11.84dBi



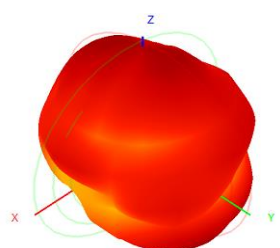
5160.0MHz Total(E2-YZ), Max= -11.78dBi



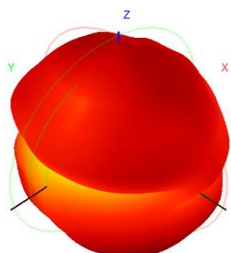
Total(H-XY), Max= -14.62dBi, CirD=6.67



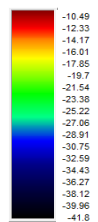
5170.0MHz H+V, Eff: 3.0%



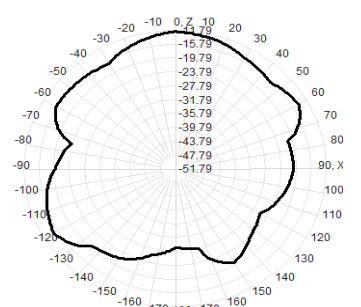
Back View



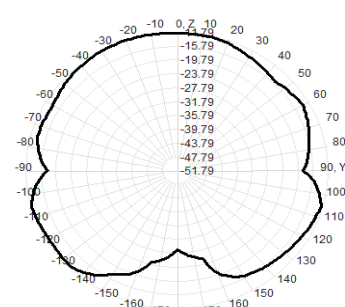
dBi



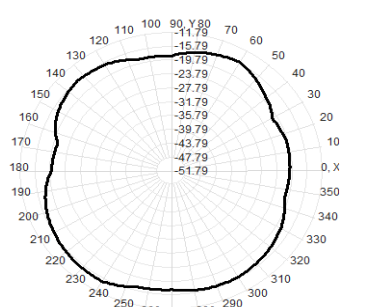
5170.0MHz Total(E1-XZ), Max= -12.19dBi



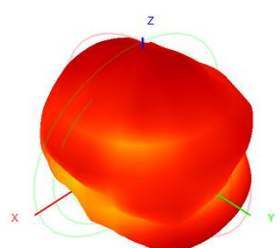
5170.0MHz Total(E2-YZ), Max= -11.79dBi



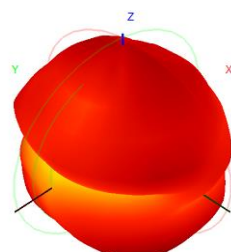
Total(H-XY), Max= -15.10dBi, CirD=6.09



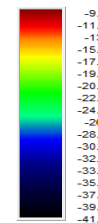
5180.0MHz H+V, Eff: 3.2%



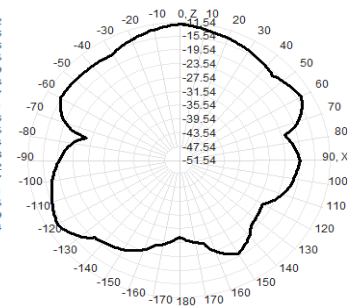
Back View



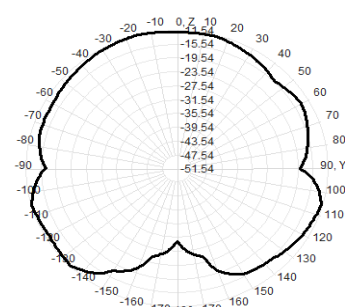
dBi



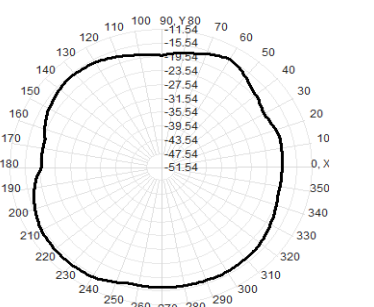
5180.0MHz Total(E1-XZ), Max= -12.13dBi



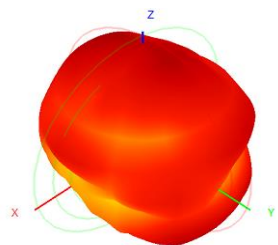
5180.0MHz Total(E2-YZ), Max= -11.54dBi



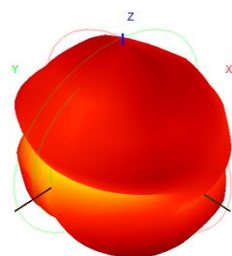
Total(H-XY), Max= -14.74dBi, CirD=5.72



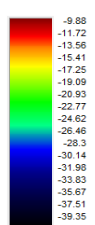
5190.0MHz H+V, Eff: 3.2%



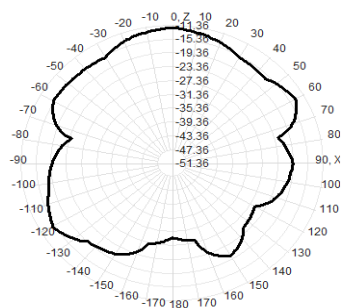
Back View



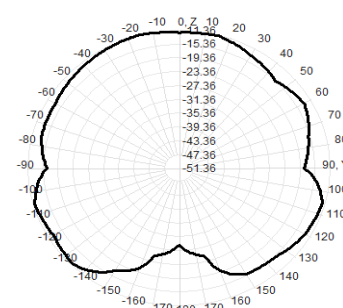
dBi



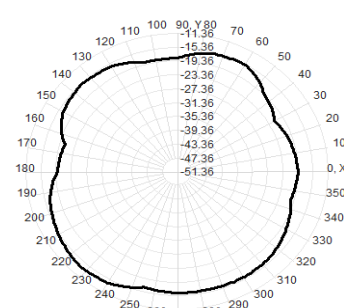
5190.0MHz Total(E1-XZ), Max= -12.11dBi



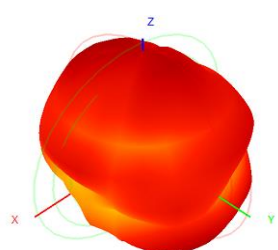
5190.0MHz Total(E2-YZ), Max= -11.36dBi



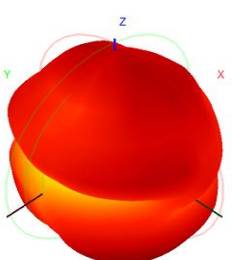
Total(H-XY), Max= -14.08dBi, CirD=7.73



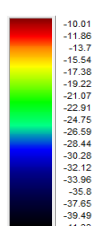
5200.0MHz H+V, Eff: 3.2%



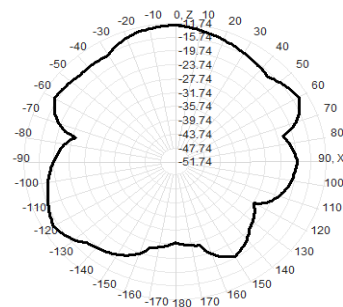
Back View



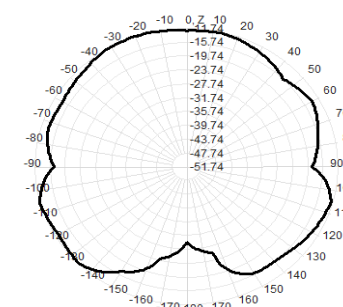
dBi



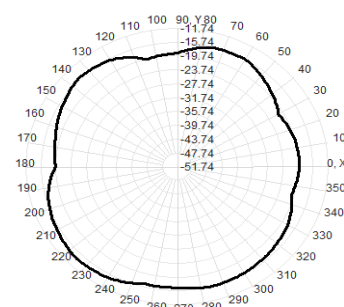
5200.0MHz Total(E1-XZ), Max= -12.30dBi



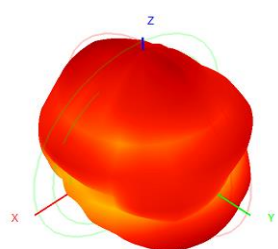
5200.0MHz Total(E2-YZ), Max= -11.74dBi



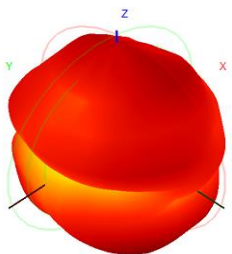
Total(H-XY), Max= -14.39dBi, CirD=6.72



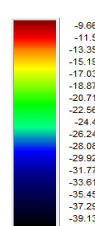
5210.0MHz H+V, Eff: 3.3%



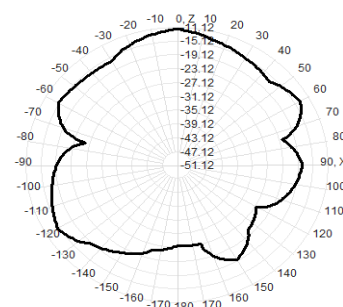
Back View



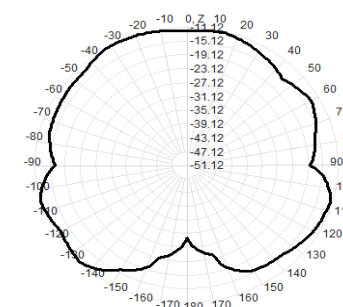
dBi



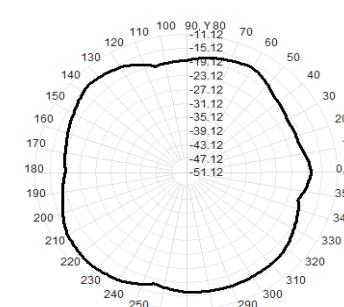
5210.0MHz Total(E1-XZ), Max= -11.68dBi



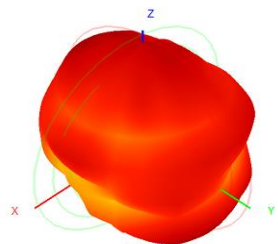
5210.0MHz Total(E2-YZ), Max= -11.12dBi



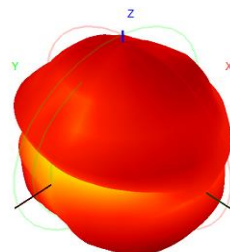
Total(H-XY), Max= -14.45dBi, CirD=6.22



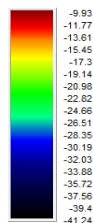
5220.0MHz H+V, Eff: 3.2%



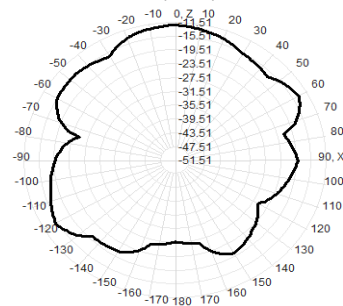
Back View



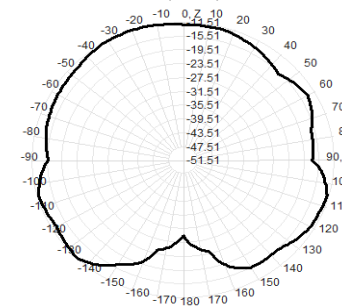
dBi



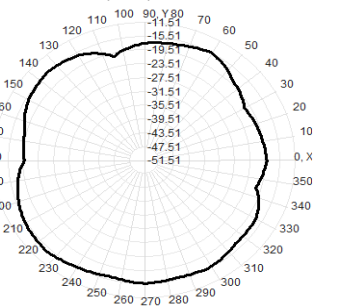
5220.0MHz Total(E1-XZ), Max= -12.32dBi



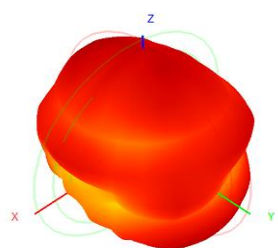
5220.0MHz Total(E2-YZ), Max= -11.51dBi



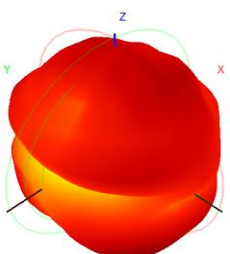
Total(H-X), Max= -14.75dBi, CirD=6.33



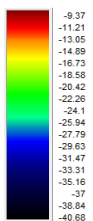
5230.0MHz H+V, Eff: 3.5%



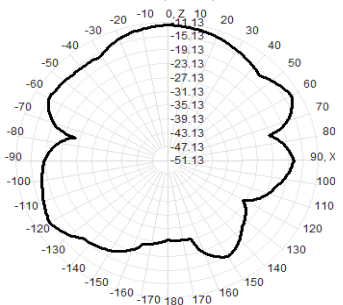
Back View



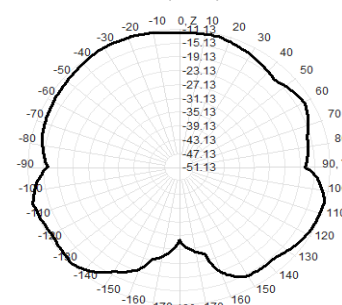
dBi



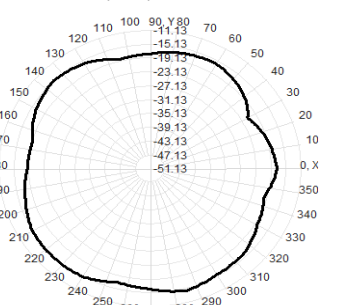
5230.0MHz Total(E1-XZ), Max= -11.96dBi



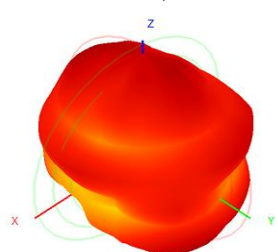
5230.0MHz Total(E2-YZ), Max= -11.13dBi



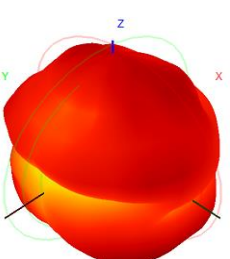
Total(H-X), Max= -14.84dBi, CirD=6.77



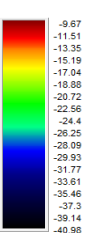
5240.0MHz H+V, Eff: 3.4%



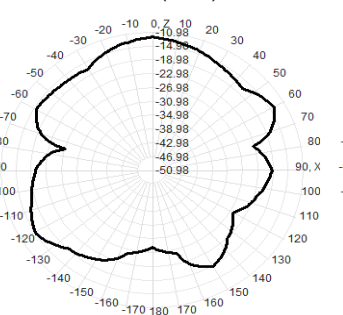
Back View



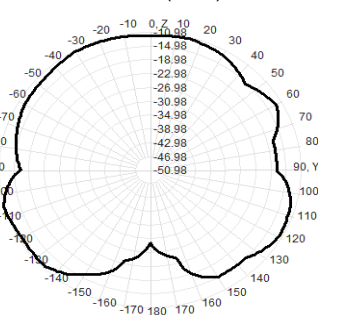
dBi



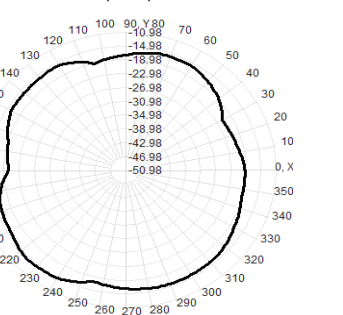
5240.0MHz Total(E1-XZ), Max= -12.40dBi



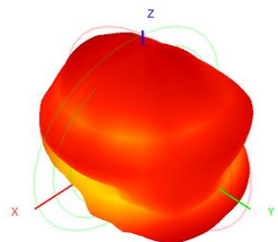
5240.0MHz Total(E2-YZ), Max= -10.98dBi



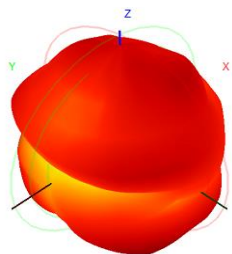
Total(H-X), Max= -14.56dBi, CirD=7.03



5250.0MHz H+V, Eff: 3.4%



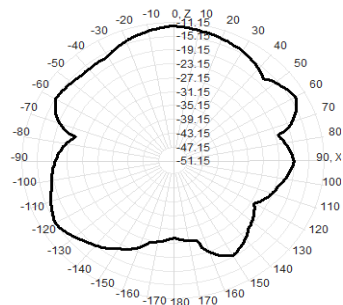
Back View



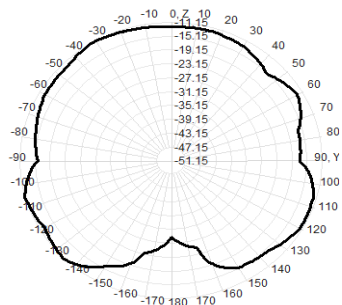
dBi



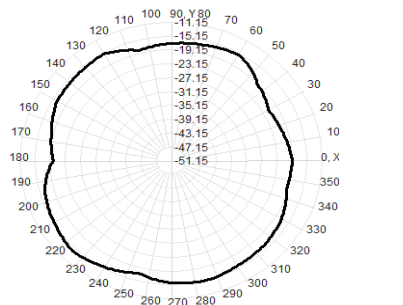
5250.0MHz Total(E1-XZ), Max= -12.24dBi



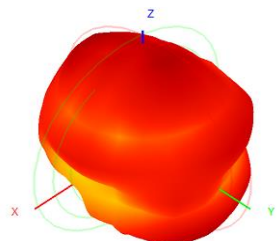
5250.0MHz Total(E2-YZ), Max= -11.15dBi



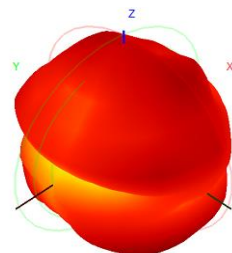
Total(H-XY), Max= -14.43dBi, CirD=7.24



5260.0MHz H+V, Eff: 3.5%



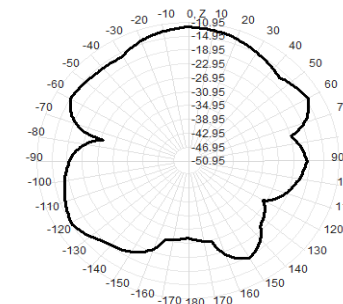
Back View



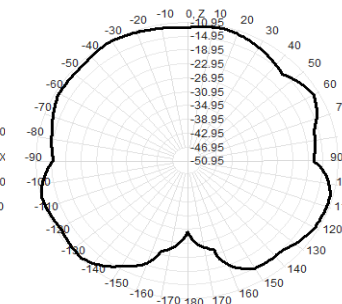
dBi



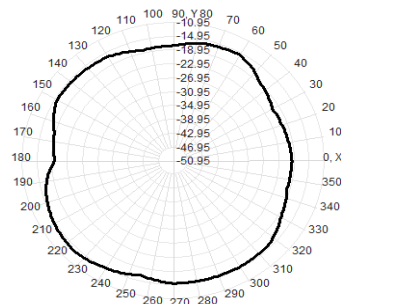
5260.0MHz Total(E1-XZ), Max= -12.31dBi



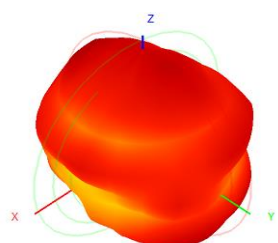
5260.0MHz Total(E2-YZ), Max= -10.95dBi



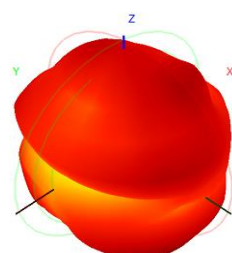
Total(H-XY), Max= -14.11dBi, CirD=6.73



5270.0MHz H+V, Eff: 3.5%



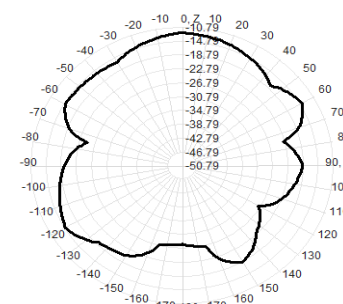
Back View



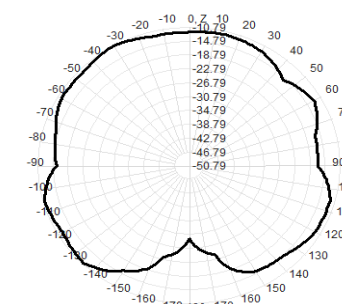
dBi



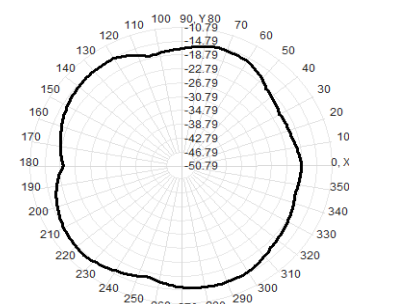
5270.0MHz Total(E1-XZ), Max= -12.38dBi



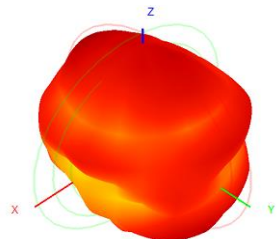
5270.0MHz Total(E2-YZ), Max= -10.79dBi



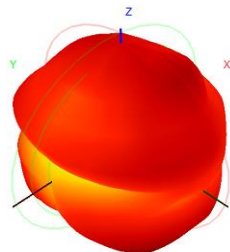
Total(H-XY), Max= -14.47dBi, CirD=6.46



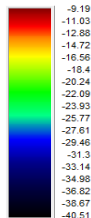
5280.0MHz H+V, Eff: 3.5%



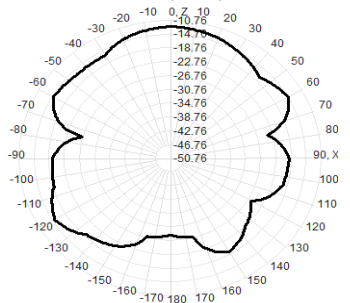
Back View



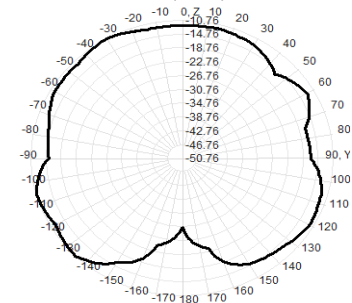
dBi



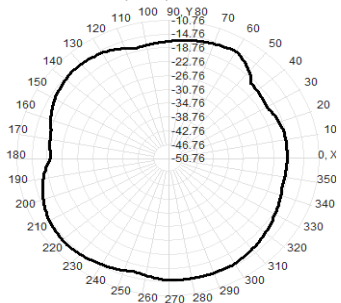
5280.0MHz Total(E1-XZ), Max= -12.60dBi



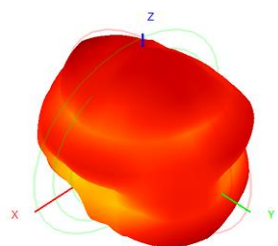
5280.0MHz Total(E2-YZ), Max= -10.76dBi



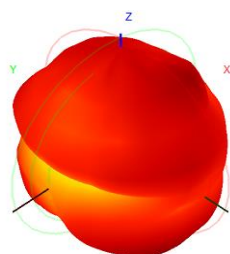
Total(H-XY), Max= -14.27dBi, CirD=6.57



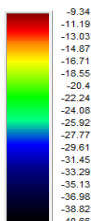
5290.0MHz H+V, Eff: 3.5%



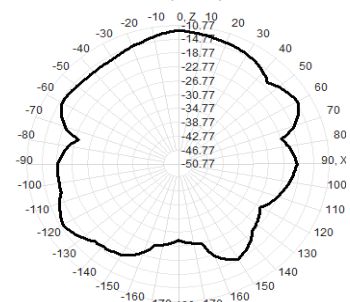
Back View



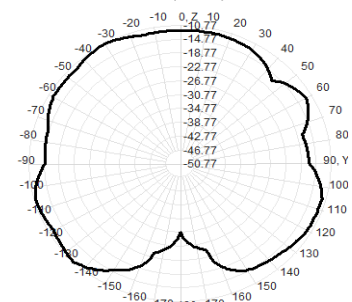
dBi



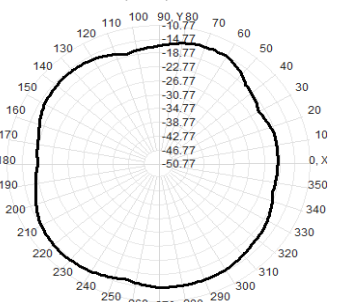
5290.0MHz Total(E1-XZ), Max= -12.31dBi



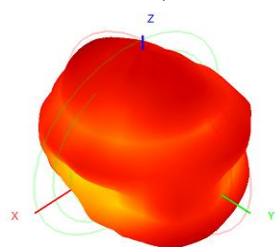
5290.0MHz Total(E2-YZ), Max= -10.77dBi



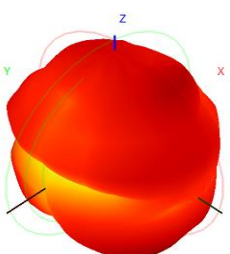
Total(H-XY), Max= -14.49dBi, CirD=5.98



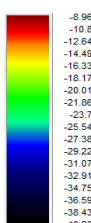
5300.0MHz H+V, Eff: 3.7%



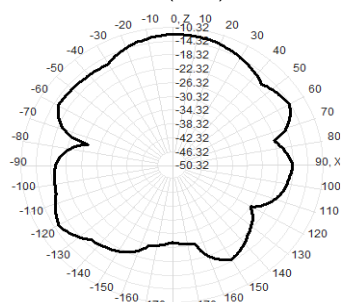
Back View



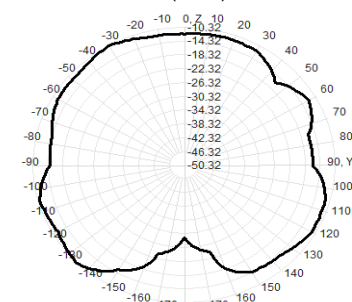
dBi



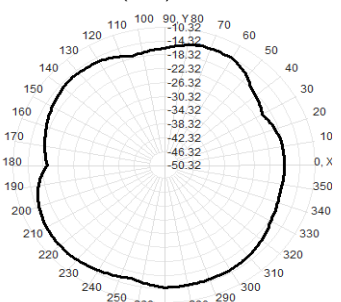
5300.0MHz Total(E1-XZ), Max= -12.30dBi



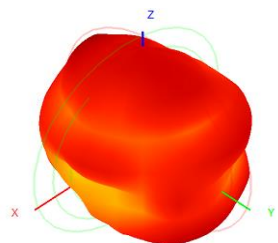
5300.0MHz Total(E2-YZ), Max= -10.32dBi



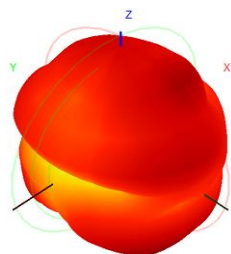
Total(H-XY), Max= -14.40dBi, CirD=6.21



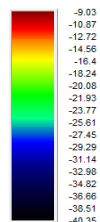
5310.0MHz H+V, Eff: 3.7%



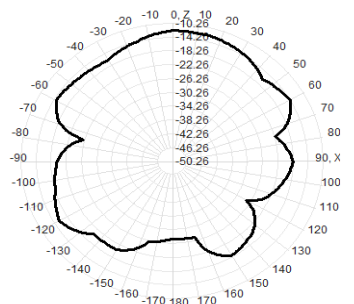
Back View



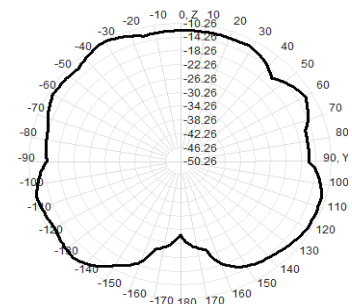
dBi



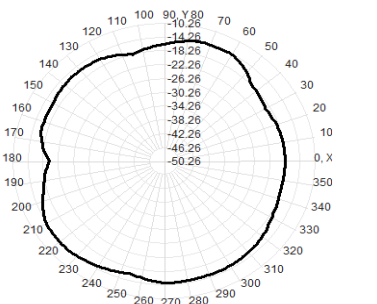
5310.0MHz Total(E1-XZ), Max= -12.39dBi



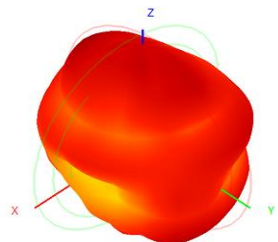
5310.0MHz Total(E2-YZ), Max= -10.26dBi



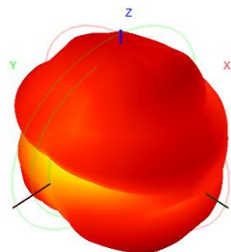
Total(H-XY), Max= -14.23dBi, CirD=5.71



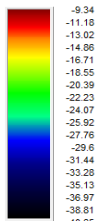
5320.0MHz H+V, Eff: 3.6%



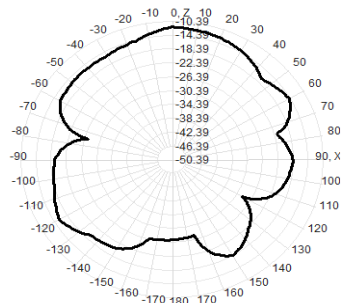
Back View



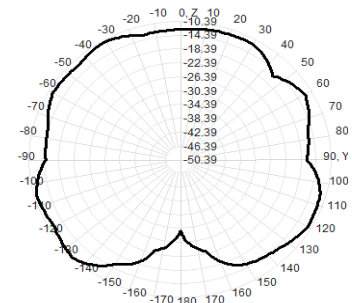
dBi



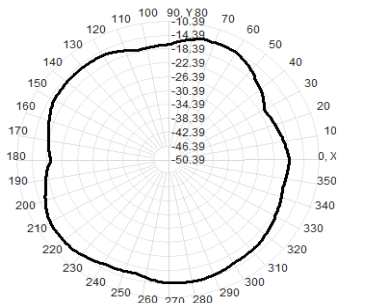
5320.0MHz Total(E1-XZ), Max= -12.08dBi



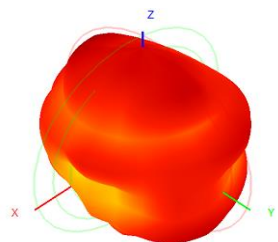
5320.0MHz Total(E2-YZ), Max= -10.39dBi



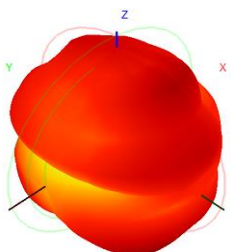
Total(H-XY), Max= -14.34dBi, CirD=7.03



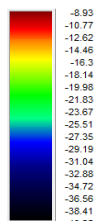
5330.0MHz H+V, Eff: 3.7%



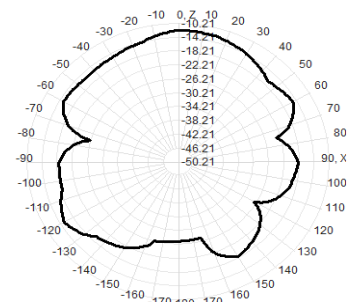
Back View



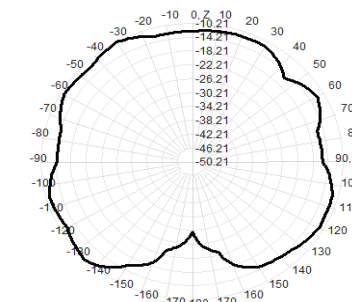
dBi



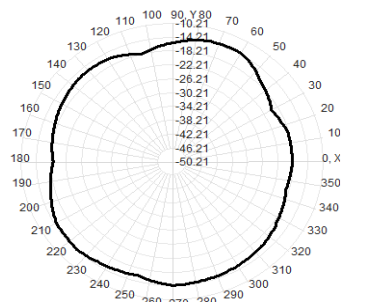
5330.0MHz Total(E1-XZ), Max= -12.19dBi



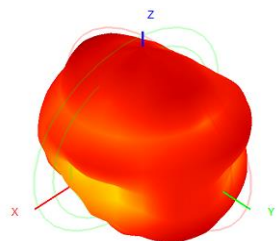
5330.0MHz Total(E2-YZ), Max= -10.21dBi



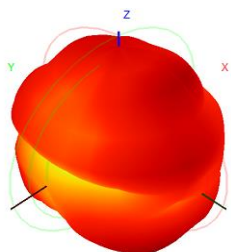
Total(H-XY), Max= -13.99dBi, CirD=6.15



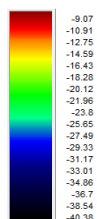
5340.0MHz H+V, Eff: 3.6%



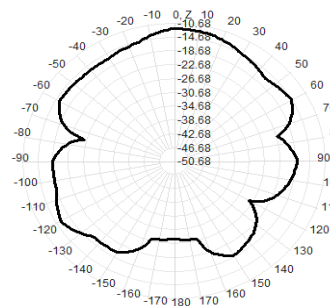
Back View



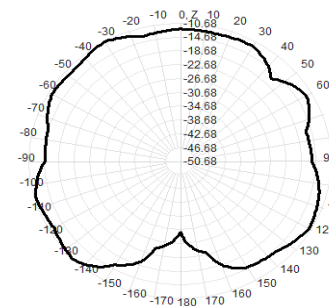
dBi



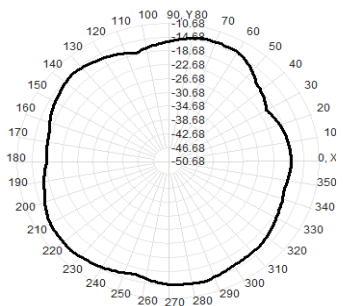
5340.0MHz Total(E1-XZ), Max= -12.17dBi



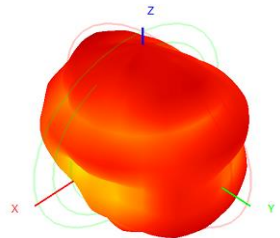
5340.0MHz Total(E2-YZ), Max= -10.68dBi



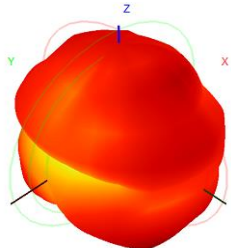
Total(H-XY), Max= -13.94dBi, CirD=6.97



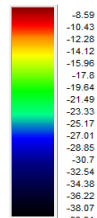
5350.0MHz H+V, Eff: 3.7%



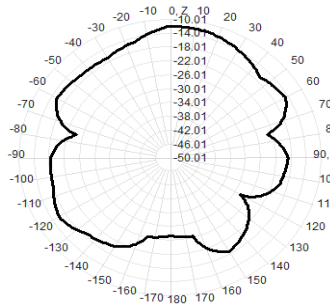
Back View



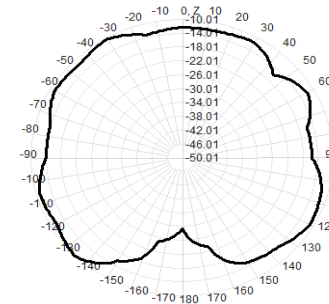
dBi



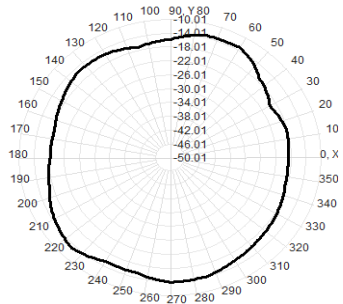
5350.0MHz Total(E1-XZ), Max= -12.02dBi



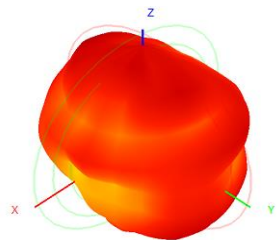
5350.0MHz Total(E2-YZ), Max= -10.01dBi



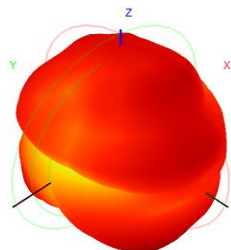
Total(H-XY), Max= -13.31dBi, CirD=6.52



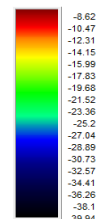
5360.0MHz H+V, Eff: 3.8%



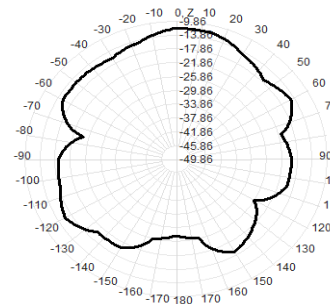
Back View



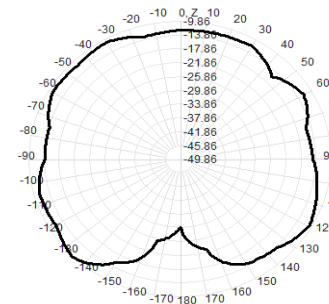
dBi



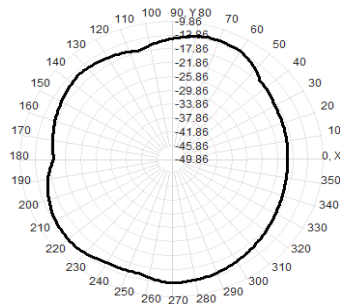
5360.0MHz Total(E1-XZ), Max= -11.90dBi



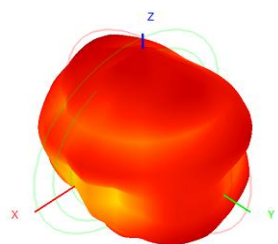
5360.0MHz Total(E2-YZ), Max= -9.86dBi



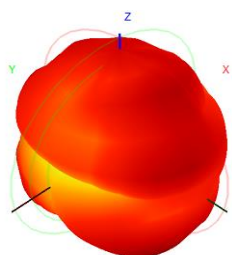
Total(H-XY), Max= -13.24dBi, CirD=6.26



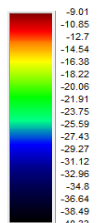
5370.0MHz H+V, Eff: 3.7%



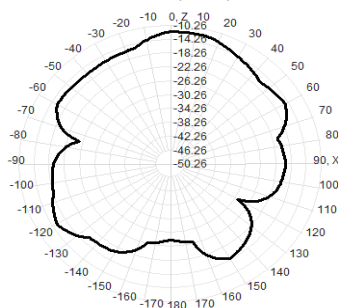
Back View



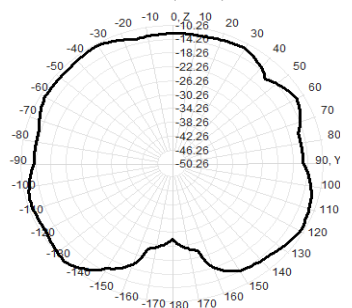
dBi



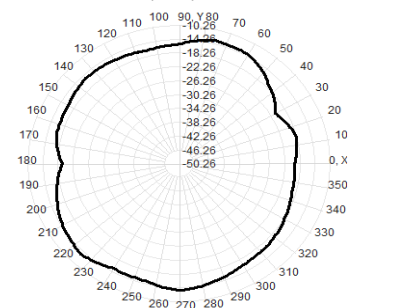
5370.0MHz Total(E1-XZ), Max= -12.11dBi



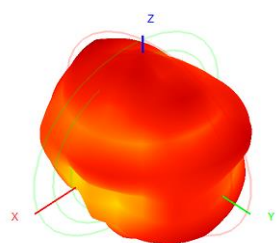
5370.0MHz Total(E2-YZ), Max= -10.26dBi



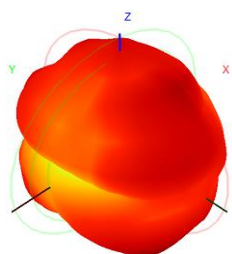
Total(H-XY), Max= -13.46dBi, CirD=7.72



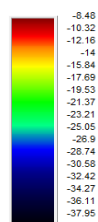
5380.0MHz H+V, Eff: 3.8%



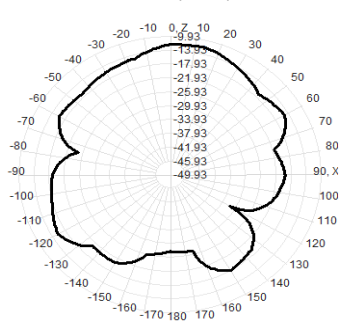
Back View



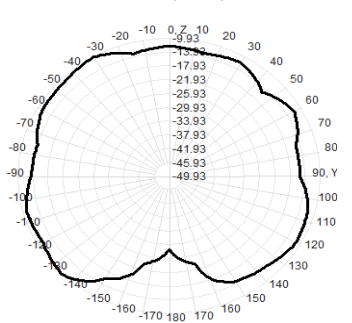
dBi



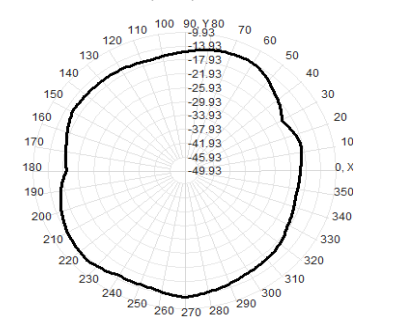
5380.0MHz Total(E1-XZ), Max= -12.16dBi



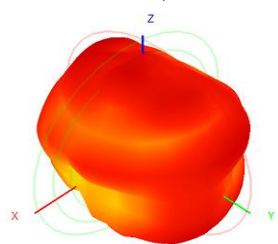
5380.0MHz Total(E2-YZ), Max= -9.93dBi



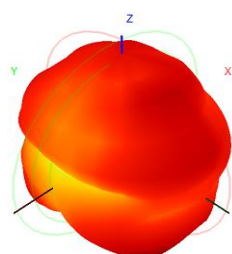
Total(H-XY), Max= -13.57dBi, CirD=7.06



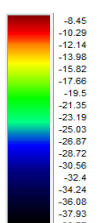
5390.0MHz H+V, Eff: 3.8%



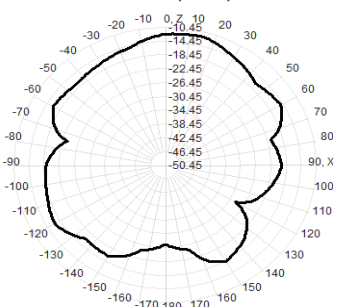
Back View



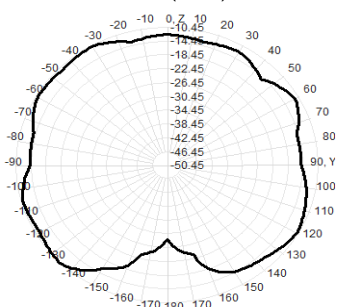
dBi



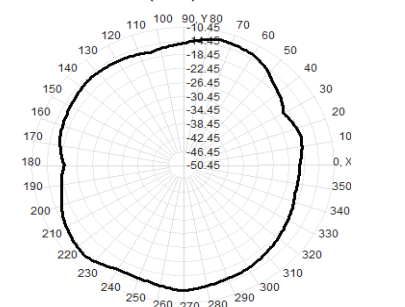
5390.0MHz Total(E1-XZ), Max= -11.91dBi



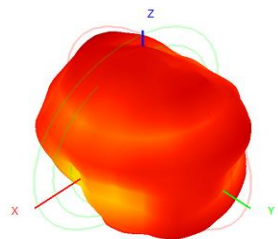
5390.0MHz Total(E2-YZ), Max= -10.45dBi



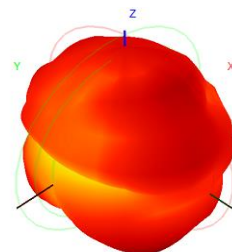
Total(H-XY), Max= -12.81dBi, CirD=7.22



5400.0MHz H+V, Eff: 3.7%



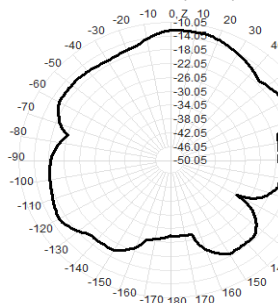
Back View



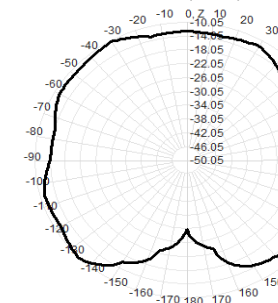
dBi



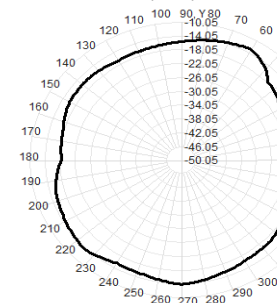
5400.0MHz Total(E1-XZ), Max= -12.32dBi



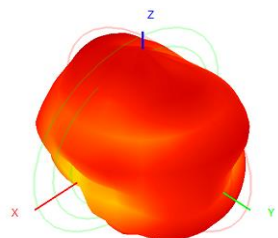
5400.0MHz Total(E2-YZ), Max= -10.05dBi



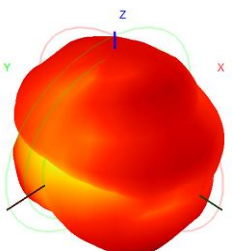
Total(H-XY), Max= -13.04dBi, CirD=8.45



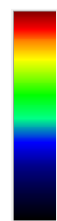
5410.0MHz H+V, Eff: 3.9%



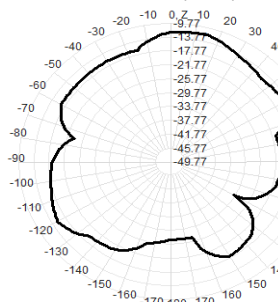
Back View



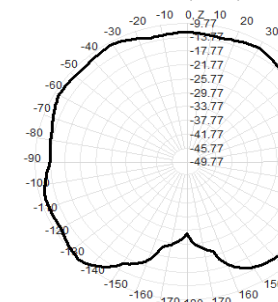
dBi



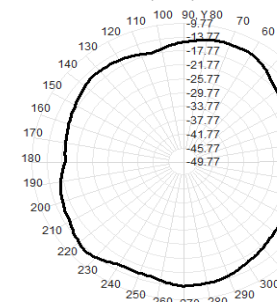
5410.0MHz Total(E1-XZ), Max= -11.90dBi



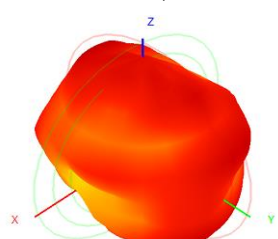
5410.0MHz Total(E2-YZ), Max= -9.77dBi



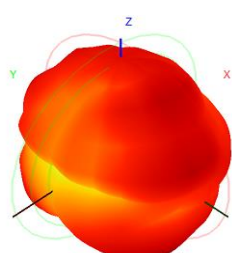
Total(H-XY), Max= -13.24dBi, CirD=6.80



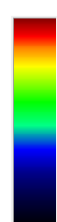
5420.0MHz H+V, Eff: 3.7%



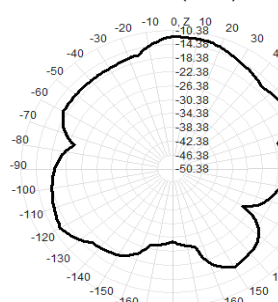
Back View



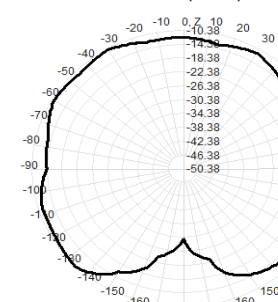
dBi



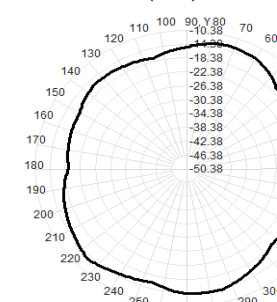
5420.0MHz Total(E1-XZ), Max= -12.19dBi



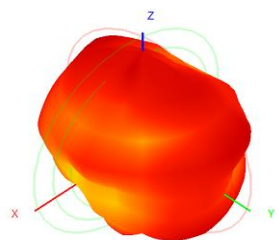
5420.0MHz Total(E2-YZ), Max= -10.38dBi



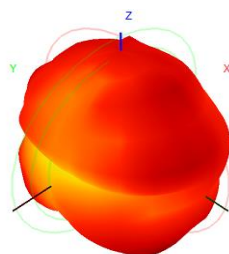
Total(H-XY), Max= -13.16dBi, CirD=7.36



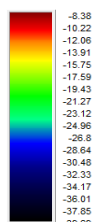
5430.0MHz H+V, Eff: 3.8%



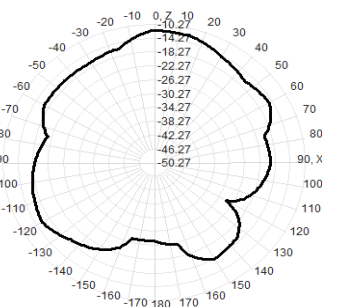
Back View



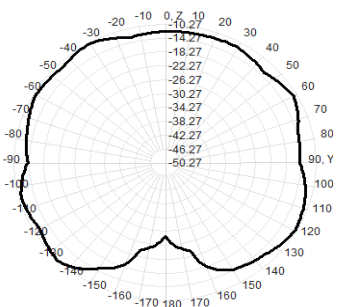
dBi



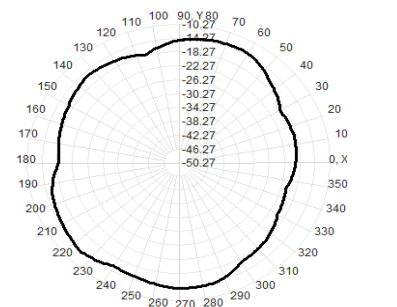
5430.0MHz Total(E1-XZ), Max= -12.02dBi



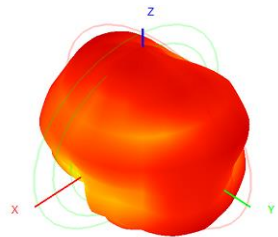
5430.0MHz Total(E2-YZ), Max= -10.27dBi



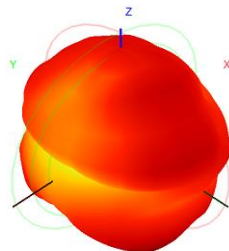
Total(H-XY), Max= -13.79dBi, CirD=7.35



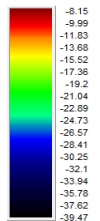
5440.0MHz H+V, Eff: 3.9%



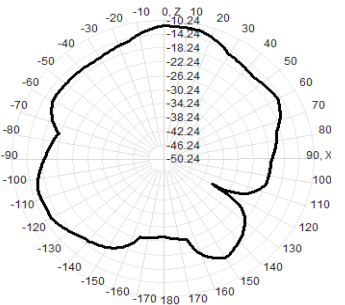
Back View



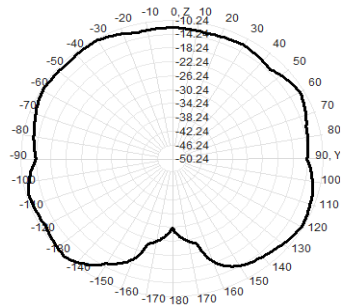
dBi



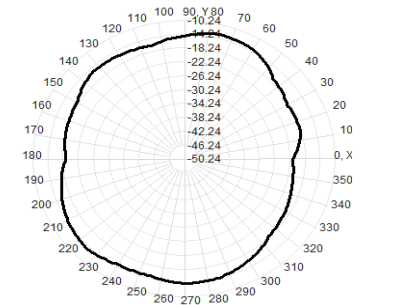
5440.0MHz Total(E1-XZ), Max= -11.86dBi



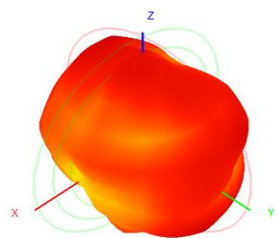
5440.0MHz Total(E2-YZ), Max= -10.24dBi



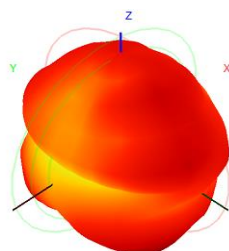
Total(H-XY), Max= -13.05dBi, CirD=8.73



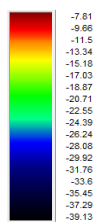
5450.0MHz H+V, Eff: 4.0%



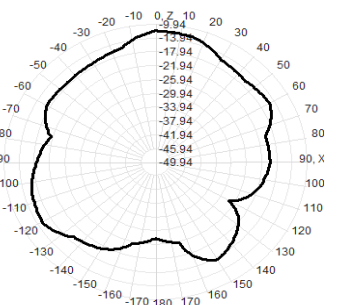
Back View



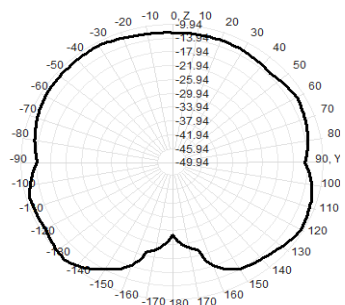
dBi



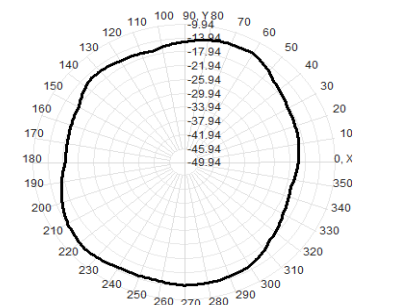
5450.0MHz Total(E1-XZ), Max= -11.87dBi



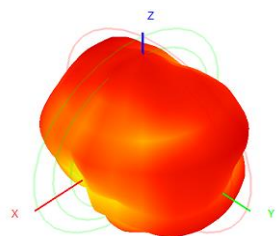
5450.0MHz Total(E2-YZ), Max= -9.94dBi



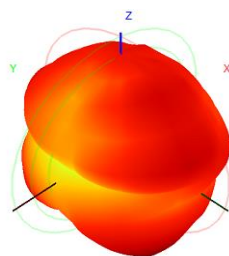
Total(H-XY), Max= -13.61dBi, CirD=7.45



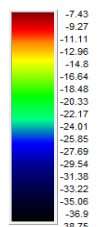
5460.0MHz H+V, Eff: 4.2%



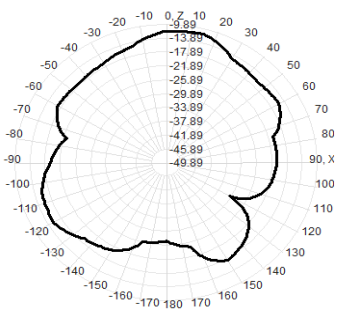
Back View



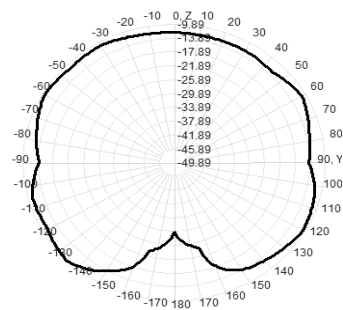
dBi



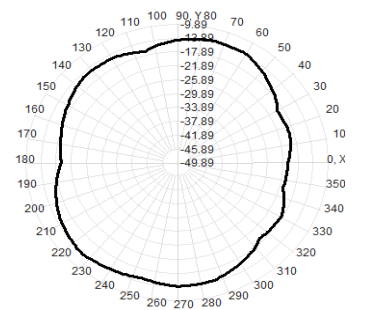
5460.0MHz Total(E1-XZ), Max= -11.49dBi



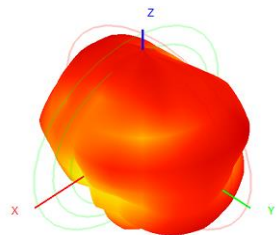
5460.0MHz Total(E2-YZ), Max= -9.89dBi



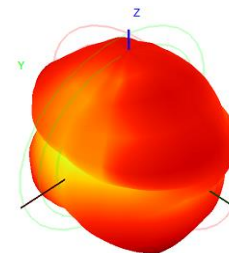
Total(H-XY), Max= -13.46dBi, CirD=7.73



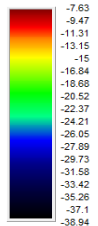
5470.0MHz H+V, Eff: 4.1%



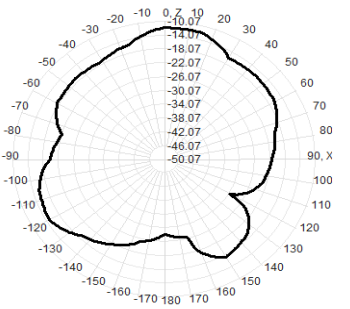
Back View



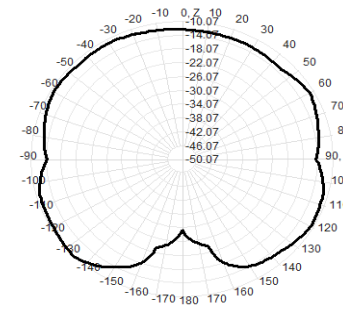
dBi



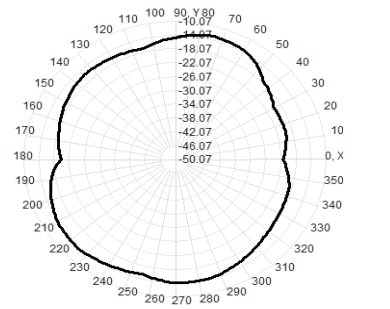
5470.0MHz Total(E1-XZ), Max= -11.95dBi



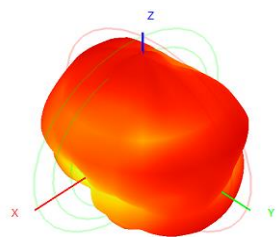
5470.0MHz Total(E2-YZ), Max= -10.07dBi



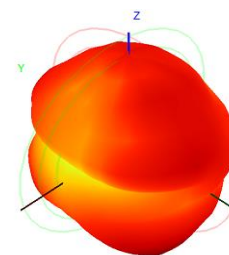
Total(H-XY), Max= -13.09dBi, CirD=8.73



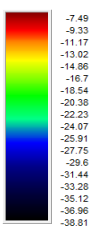
5480.0MHz H+V, Eff: 4.2%



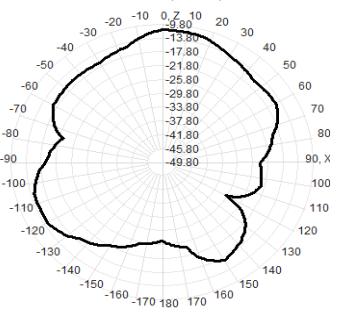
Back View



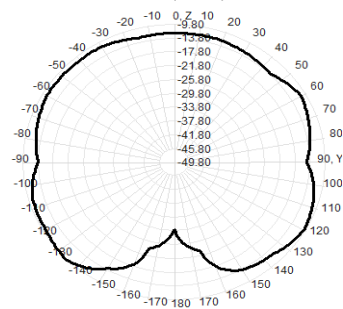
dBi



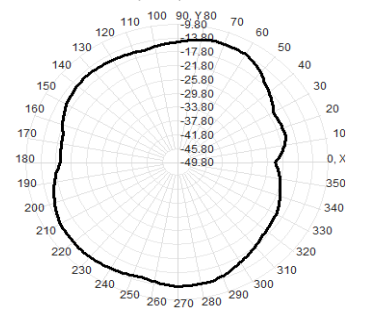
5480.0MHz Total(E1-XZ), Max= -11.39dBi



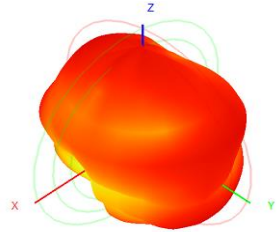
5480.0MHz Total(E2-YZ), Max= -9.80dBi



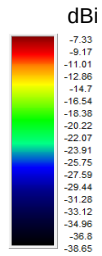
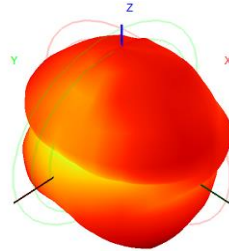
Total(H-XY), Max= -13.36dBi, CirD=10.76



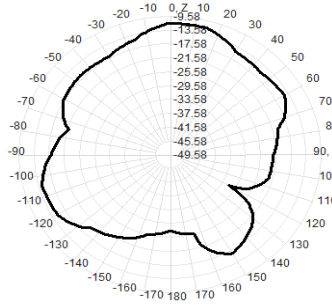
5490.0MHz H+V, Eff: 4.2%



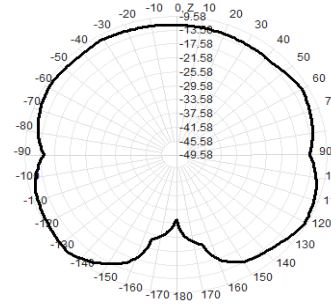
Back View



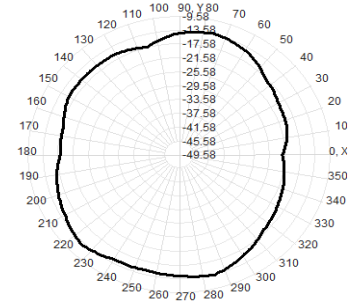
5490.0MHz Total(E1-XZ), Max= -11.63dBi



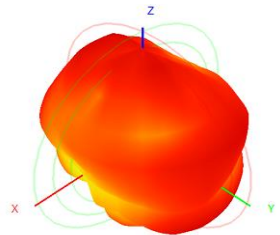
5490.0MHz Total(E2-YZ), Max= -9.58dBi



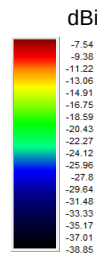
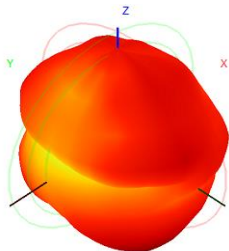
Total(H-XY), Max= -13.16dBi, CirD=9.34



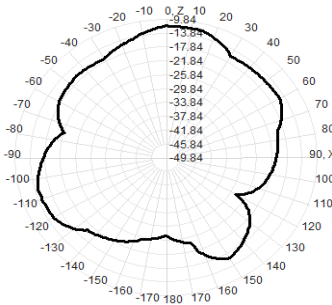
5500.0MHz H+V, Eff: 4.2%



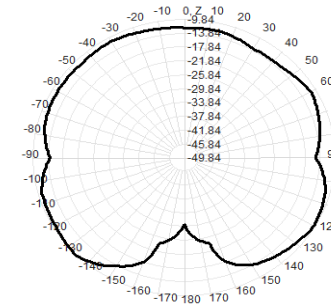
Back View



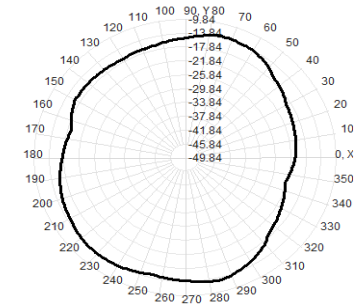
5500.0MHz Total(E1-XZ), Max= -11.80dBi



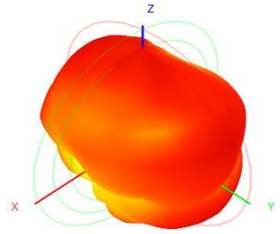
5500.0MHz Total(E2-YZ), Max= -9.84dBi



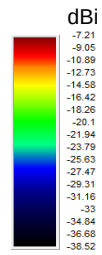
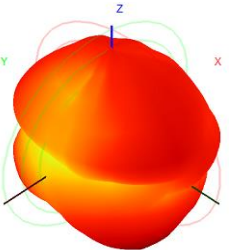
Total(H-XY), Max= -13.38dBi, CirD=9.35



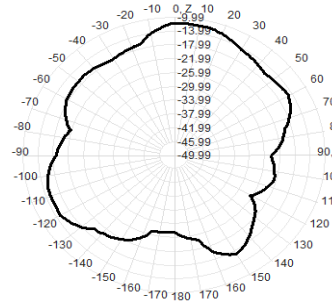
5510.0MHz H+V, Eff: 4.2%



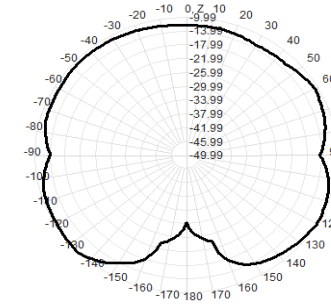
Back View



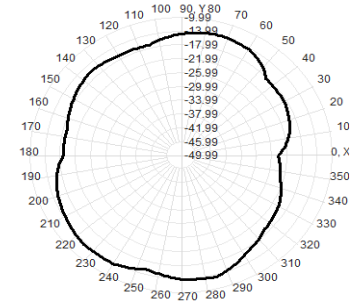
5510.0MHz Total(E1-XZ), Max= -11.70dBi



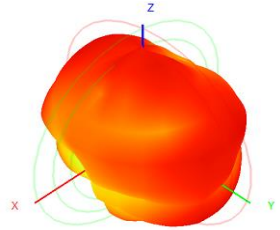
5510.0MHz Total(E2-YZ), Max= -9.99dBi



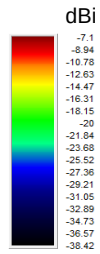
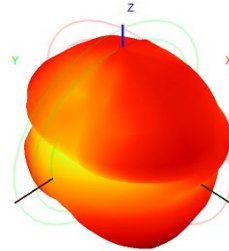
Total(H-XY), Max= -13.68dBi, CirD=10.85



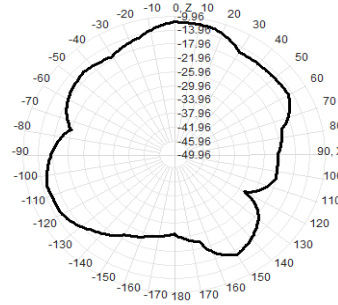
5520.0MHz H+V, Eff: 4.2%



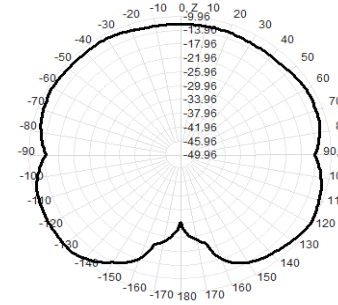
Back View



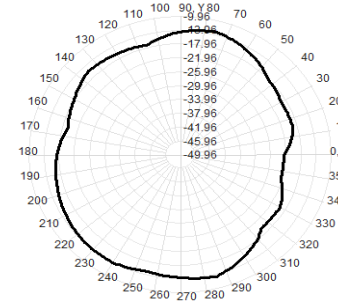
5520.0MHz Total(E1-XZ), Max= -11.63dBi



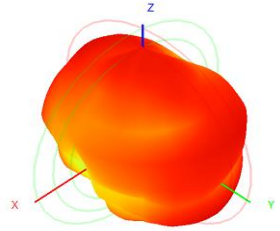
5520.0MHz Total(E2-YZ), Max= -9.96dBi



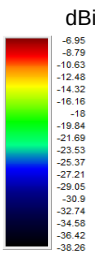
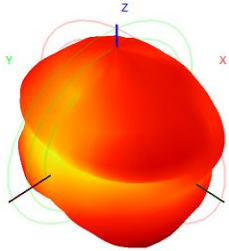
Total(H-XY), Max= -13.25dBi, CirD=9.53



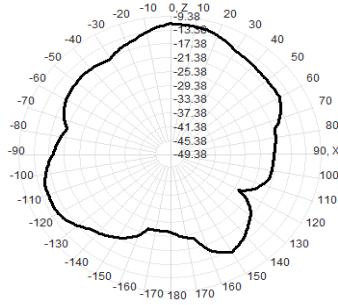
5530.0MHz H+V, Eff: 4.4%



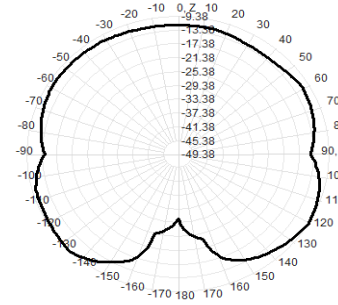
Back View



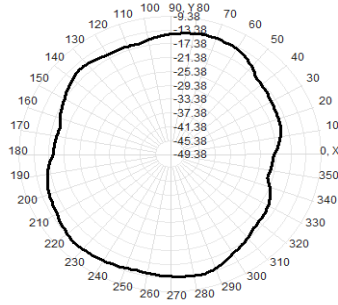
5530.0MHz Total(E1-XZ), Max= -11.58dBi



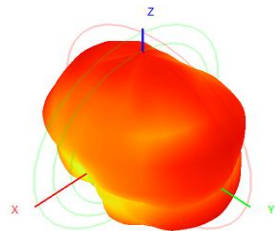
5530.0MHz Total(E2-YZ), Max= -9.38dBi



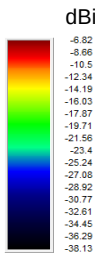
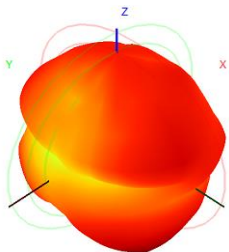
Total(H-XY), Max= -13.42dBi, CirD=9.61



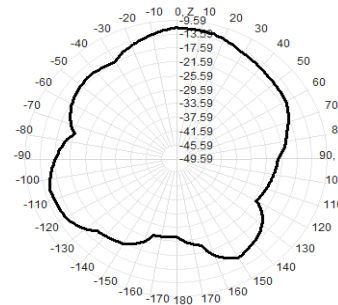
5540.0MHz H+V, Eff: 4.3%



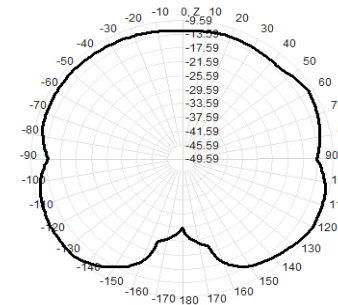
Back View



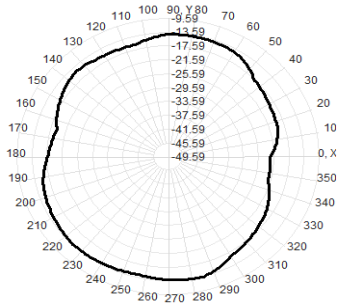
5540.0MHz Total(E1-XZ), Max= -11.79dBi



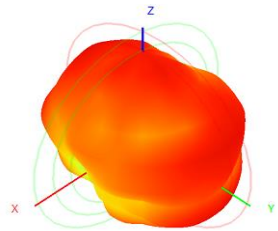
5540.0MHz Total(E2-YZ), Max= -9.59dBi



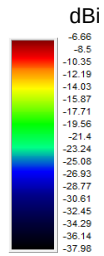
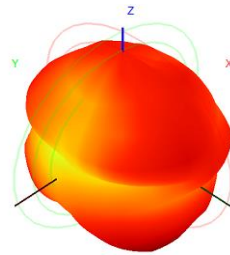
Total(H-XY), Max= -13.78dBi, CirD=9.05



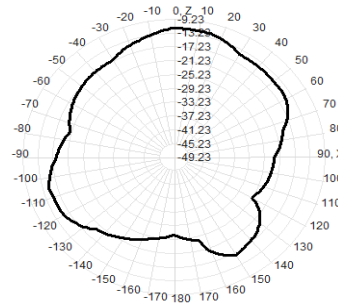
5550.0MHz H+V, Eff: 4.4%



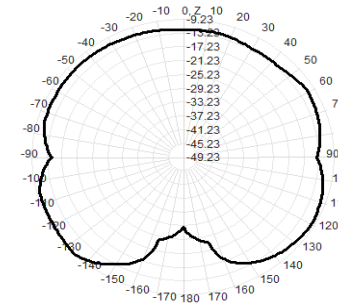
Back View



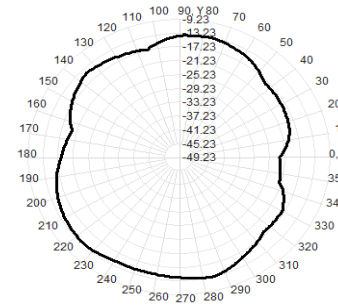
5550.0MHz Total(E1-XZ), Max= -11.78dBi



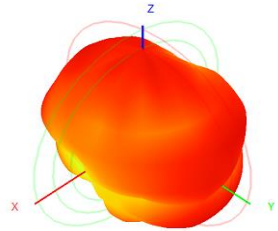
5550.0MHz Total(E2-YZ), Max= -9.23dBi



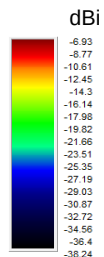
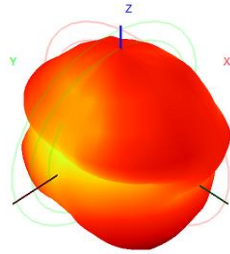
Total(H-XY), Max= -13.58dBi, CirD=9.33



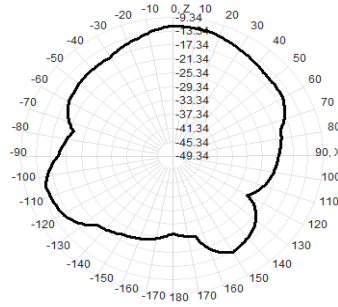
5560.0MHz H+V, Eff: 4.4%



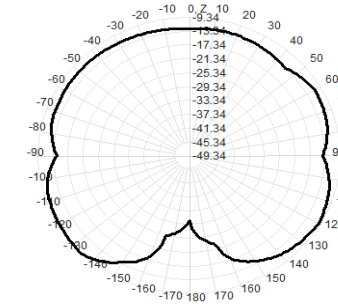
Back View



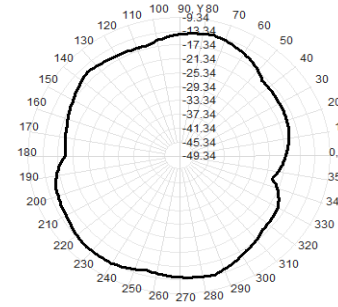
5560.0MHz Total(E1-XZ), Max= -11.82dBi



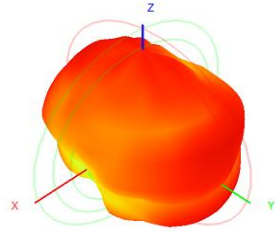
5560.0MHz Total(E2-YZ), Max= -9.34dBi



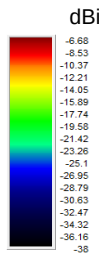
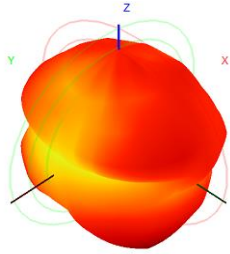
Total(H-XY), Max= -13.36dBi, CirD=10.64



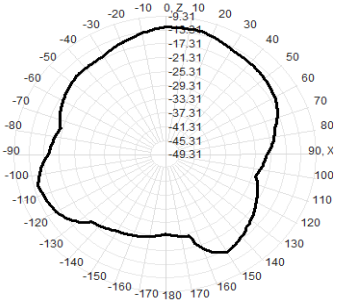
5570.0MHz H+V, Eff: 4.3%



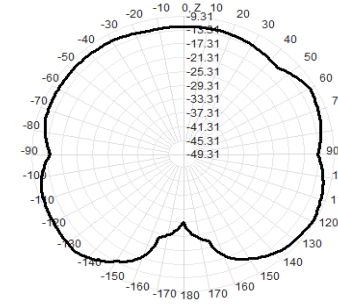
Back View



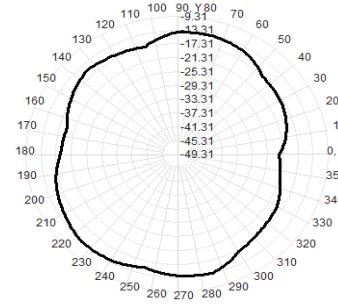
5570.0MHz Total(E1-XZ), Max= -12.49dBi



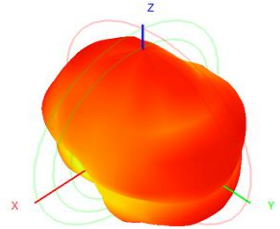
5570.0MHz Total(E2-YZ), Max= -9.31dBi



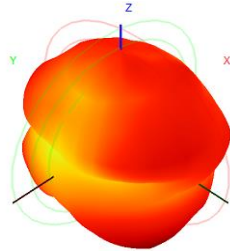
Total(H-XY), Max= -13.71dBi, CirD=8.92



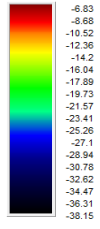
5580.0MHz H+V, Eff: 4.3%



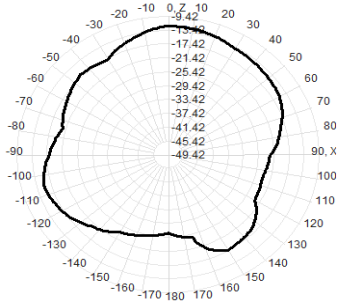
Back View



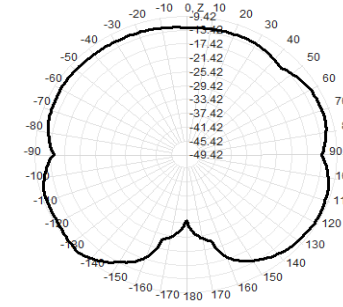
dBi



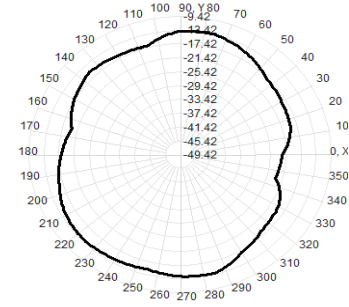
5580.0MHz Total(E1-XZ), Max= -12.17dBi



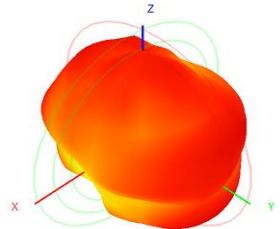
5580.0MHz Total(E2-YZ), Max= -9.42dBi



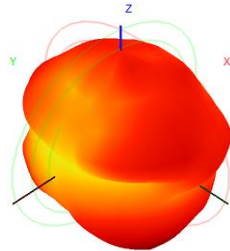
Total(H-XY), Max= -13.58dBi, CirD=9.85



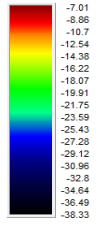
5590.0MHz H+V, Eff: 4.3%



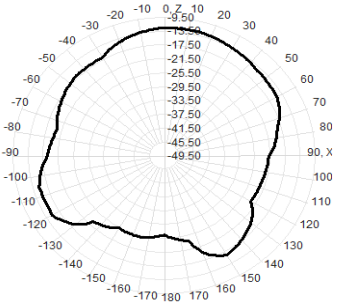
Back View



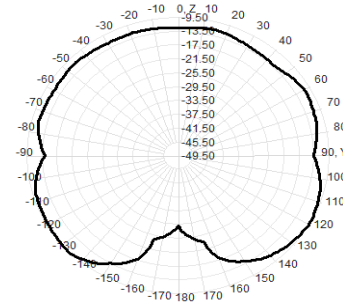
dBi



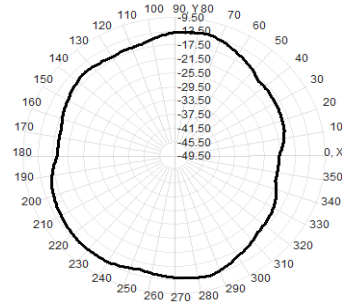
5590.0MHz Total(E1-XZ), Max= -12.50dBi



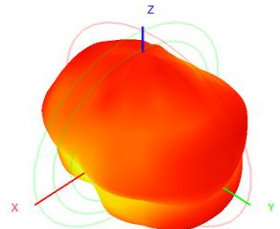
5590.0MHz Total(E2-YZ), Max= -9.50dBi



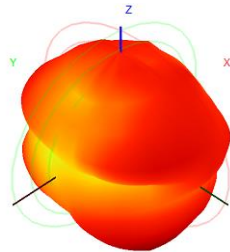
Total(H-XY), Max= -13.32dBi, CirD=8.71



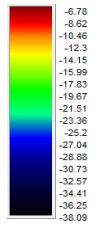
5600.0MHz H+V, Eff: 4.6%



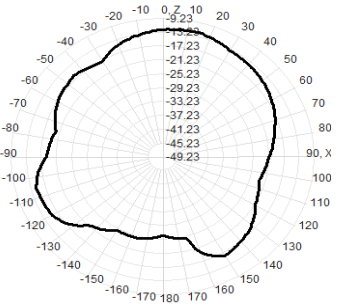
Back View



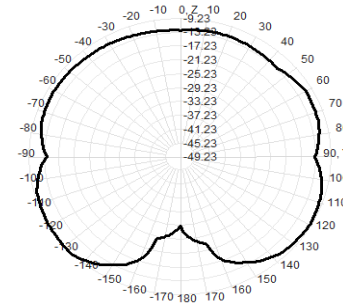
dBi



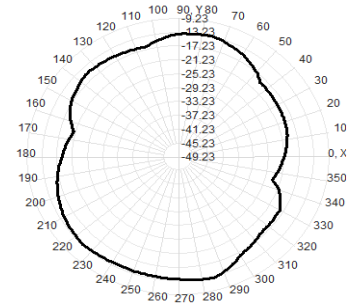
5600.0MHz Total(E1-XZ), Max= -12.14dBi



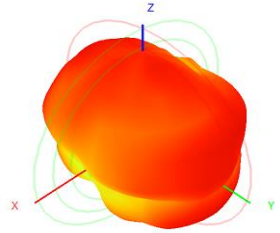
5600.0MHz Total(E2-YZ), Max= -9.23dBi



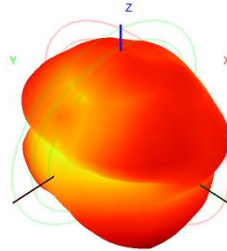
Total(H-XY), Max= -13.13dBi, CirD=10.49



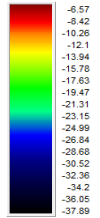
5610.0MHz H+V, Eff: 4.6%



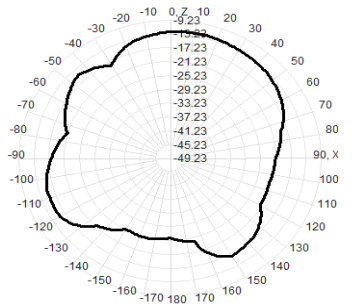
Back View



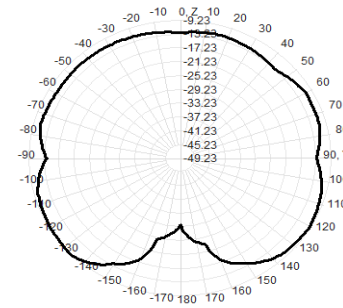
dBi



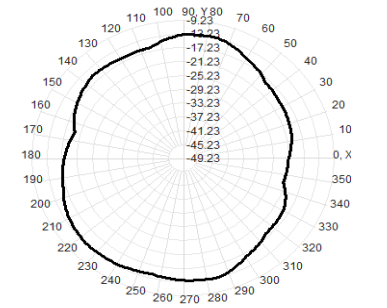
5610.0MHz Total(E1-XZ), Max= -12.39dBi



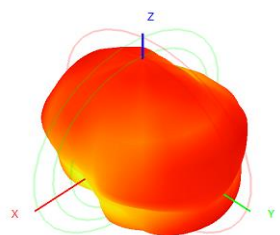
5610.0MHz Total(E2-YZ), Max= -9.23dBi



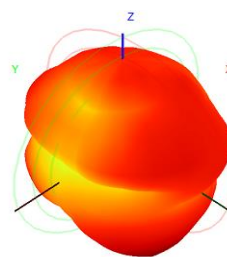
Total(H-XY), Max= -13.22dBi, CirD=8.83



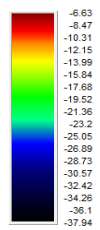
5620.0MHz H+V, Eff: 4.6%



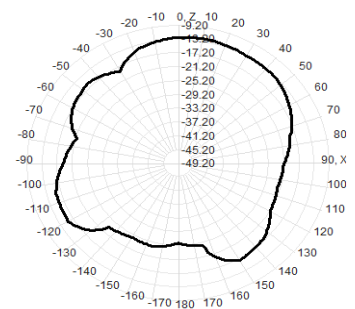
Back View



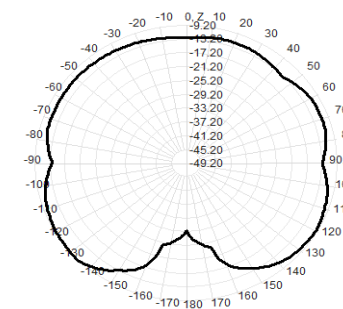
dBi



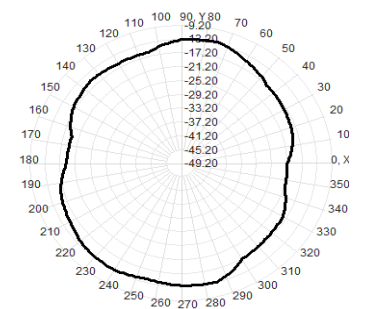
5620.0MHz Total(E1-XZ), Max= -12.59dBi



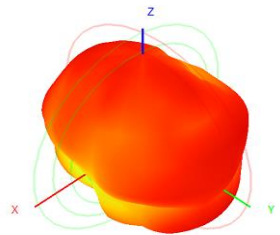
5620.0MHz Total(E2-YZ), Max= -9.20dBi



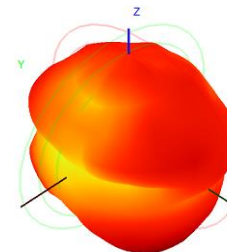
Total(H-XY), Max= -12.84dBi, CirD=8.61



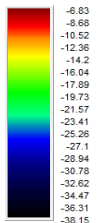
5630.0MHz H+V, Eff: 4.6%



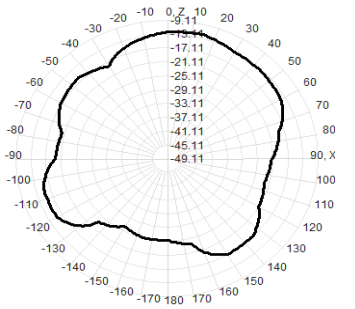
Back View



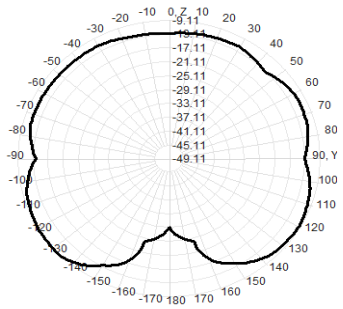
dBi



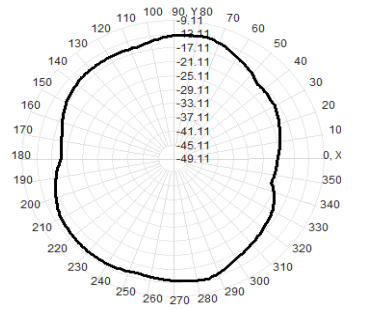
5630.0MHz Total(E1-XZ), Max= -12.08dBi



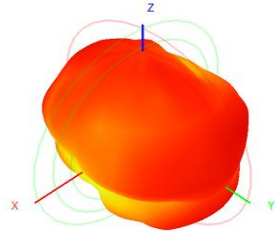
5630.0MHz Total(E2-YZ), Max= -9.11dBi



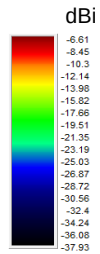
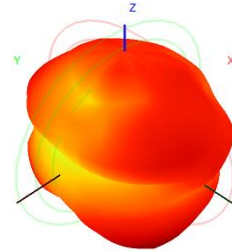
Total(H-XY), Max= -12.92dBi, CirD=9.49



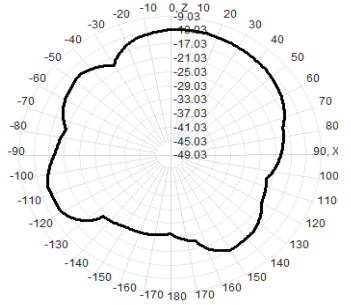
5640.0MHz H+V, Eff: 4.7%



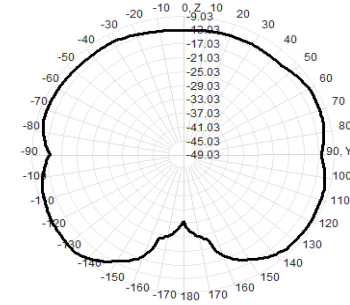
Back View



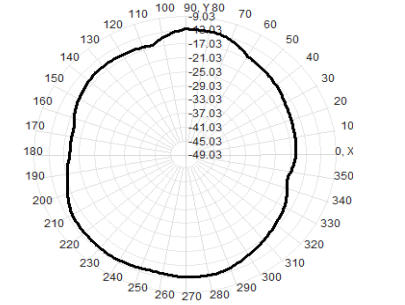
5640.0MHz Total(E1-XZ), Max= -12.71dBi



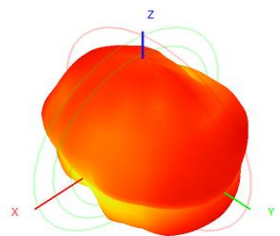
5640.0MHz Total(E2-YZ), Max= -9.03dBi



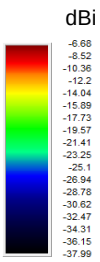
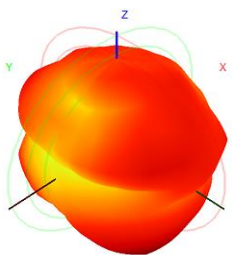
Total(H-XY), Max= -12.74dBi, CirD=8.70



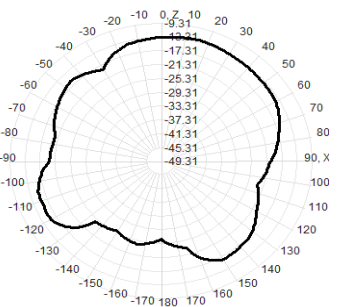
5650.0MHz H+V, Eff: 4.6%



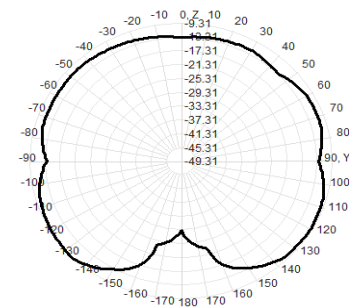
Back View



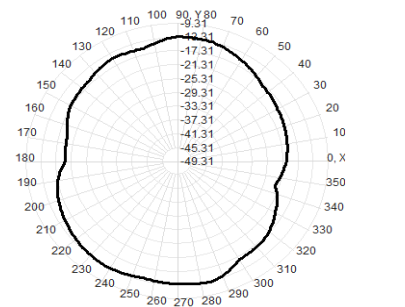
5650.0MHz Total(E1-XZ), Max= -12.85dBi



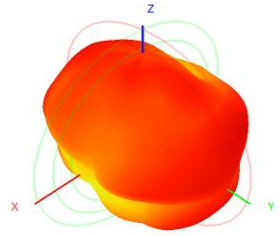
5650.0MHz Total(E2-YZ), Max= -9.31dBi



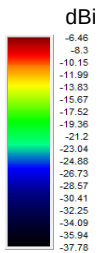
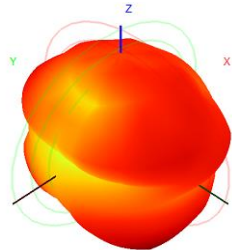
Total(H-XY), Max= -13.20dBi, CirD=9.56



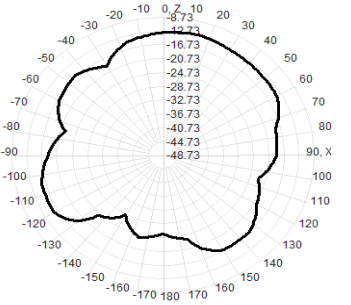
5660.0MHz H+V, Eff: 4.8%



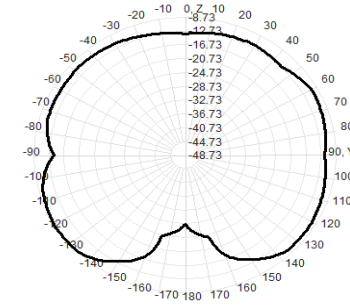
Back View



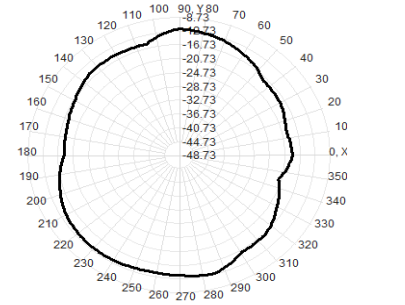
5660.0MHz Total(E1-XZ), Max= -12.64dBi



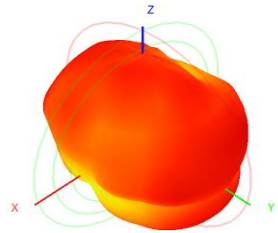
5660.0MHz Total(E2-YZ), Max= -8.73dBi



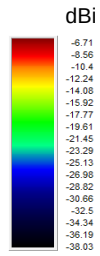
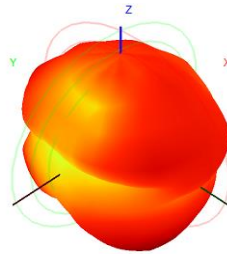
Total(H-XY), Max= -12.09dBi, CirD=9.70



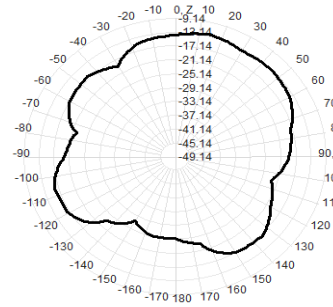
5670.0MHz H+V, Eff: 4.6%



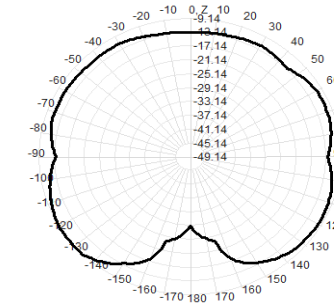
Back View



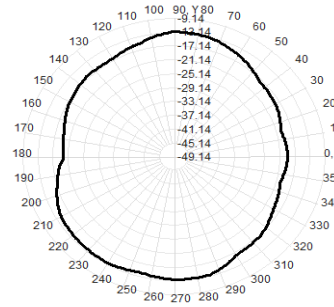
5670.0MHz Total(E1-XZ), Max= -12.70dBi



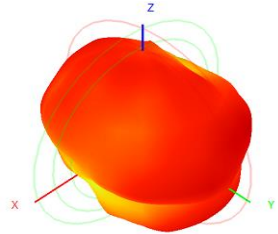
5670.0MHz Total(E2-YZ), Max= -9.14dBi



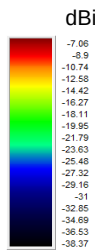
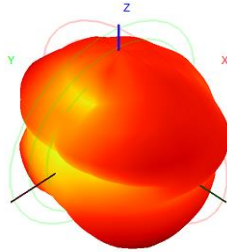
Total(H-XY), Max= -12.99dBi, CirD=7.35



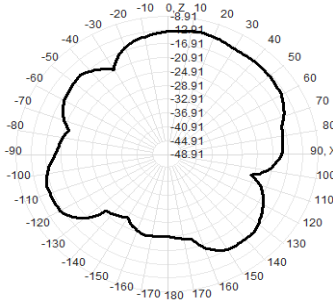
5680.0MHz H+V, Eff: 4.8%



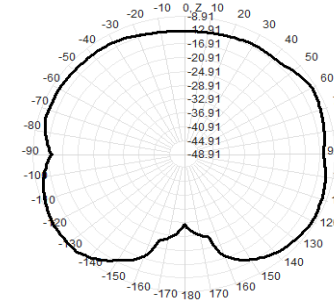
Back View



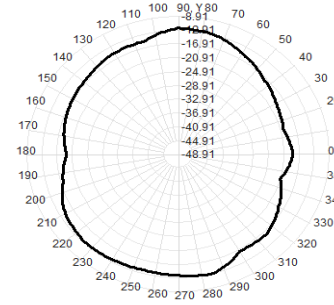
5680.0MHz Total(E1-XZ), Max= -12.49dBi



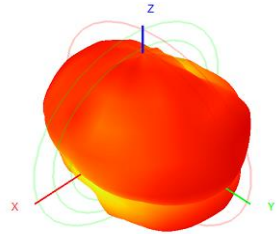
5680.0MHz Total(E2-YZ), Max= -8.91dBi



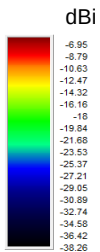
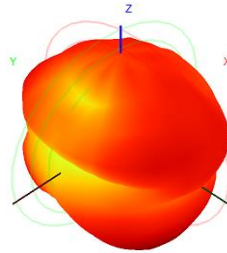
Total(H-XY), Max= -12.36dBi, CirD=8.81



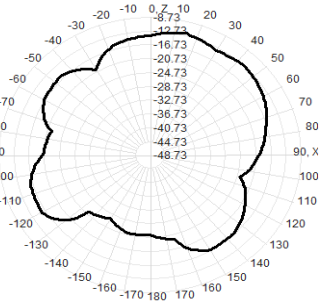
5690.0MHz H+V, Eff: 4.6%



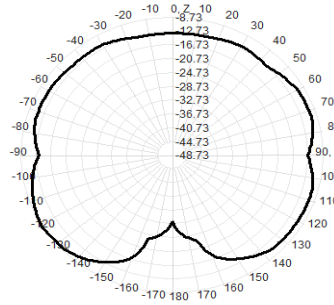
Back View



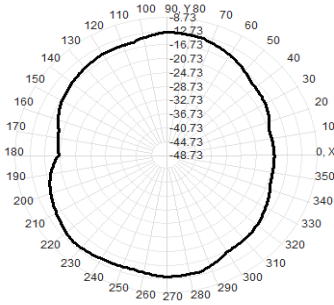
5690.0MHz Total(E1-XZ), Max= -12.23dBi



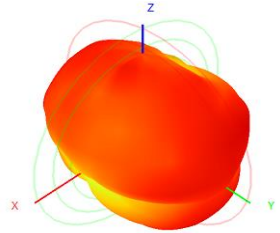
5690.0MHz Total(E2-YZ), Max= -8.73dBi



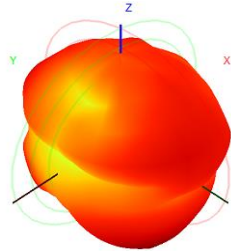
Total(H-XY), Max= -13.09dBi, CirD=7.67



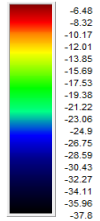
5700.0MHz H+V, Eff: 4.9%



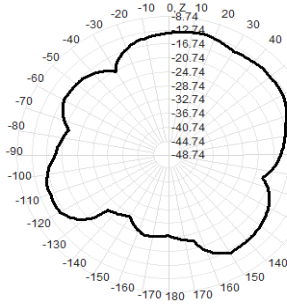
Back View



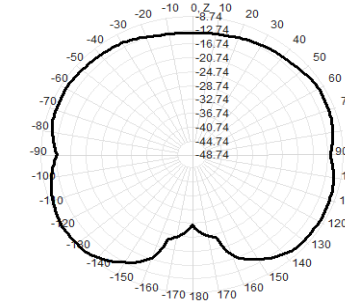
dBi



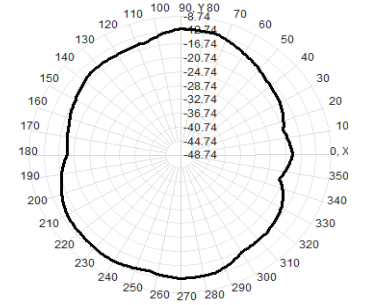
5700.0MHz Total(E1-XZ), Max= -12.65dBi



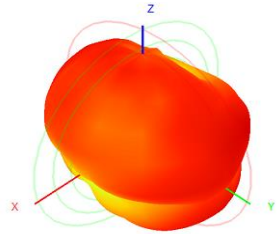
5700.0MHz Total(E2-YZ), Max= -8.74dBi



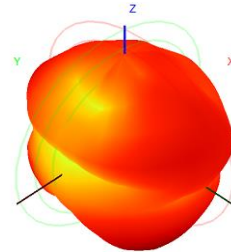
Total(H-XY), Max= -12.41dBi, CirD=9.30



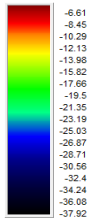
5710.0MHz H+V, Eff: 4.9%



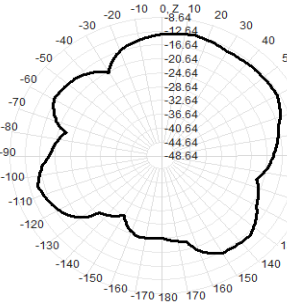
Back View



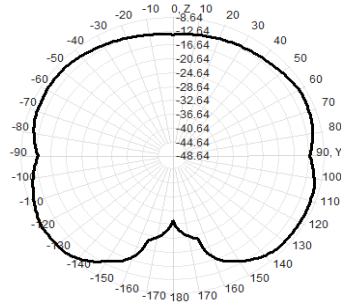
dBi



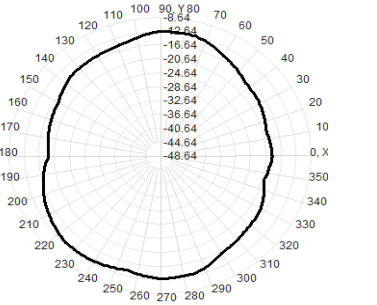
5710.0MHz Total(E1-XZ), Max= -12.77dBi



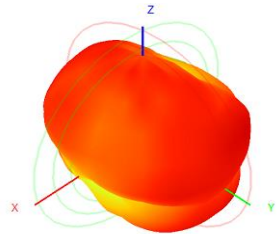
5710.0MHz Total(E2-YZ), Max= -8.64dBi



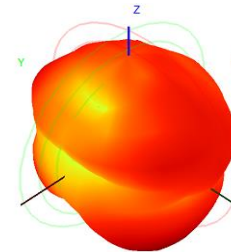
Total(H-XY), Max= -12.73dBi, CirD=7.82



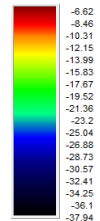
5720.0MHz H+V, Eff: 4.8%



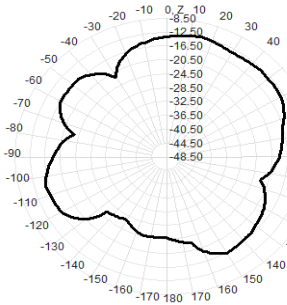
Back View



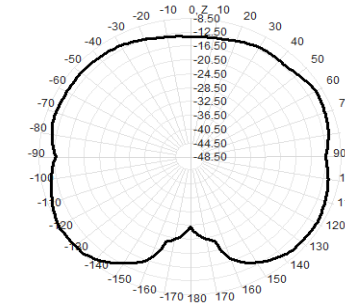
dBi



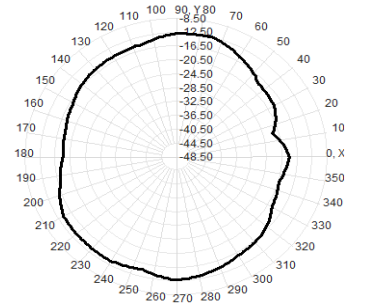
5720.0MHz Total(E1-XZ), Max= -12.78dBi



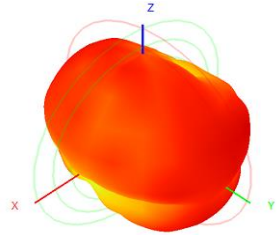
5720.0MHz Total(E2-YZ), Max= -8.50dBi



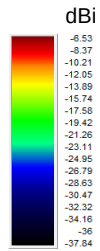
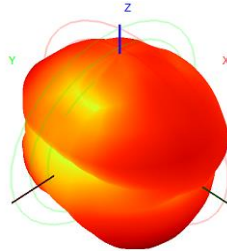
Total(H-XY), Max= -12.69dBi, CirD=9.56



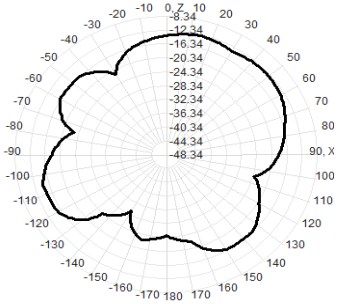
5730.0MHz H+V, Eff: 5.0%



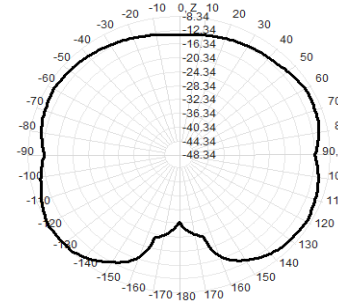
Back View



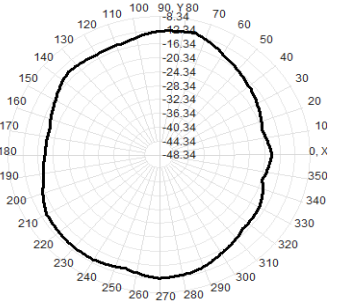
5730.0MHz Total(E1-XZ), Max= -12.75dBi



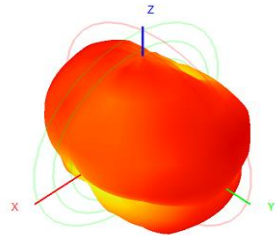
5730.0MHz Total(E2-YZ), Max= -8.34dBi



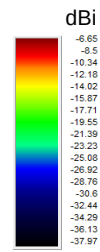
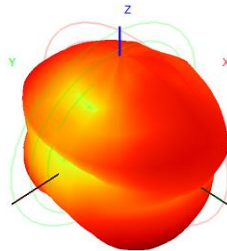
Total(H-XY), Max= -12.02dBi, CirD=8.43



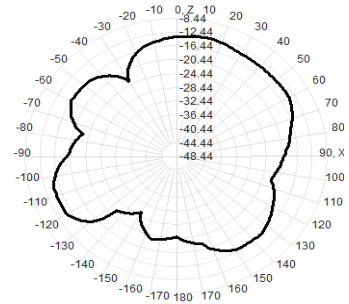
5740.0MHz H+V, Eff: 4.8%



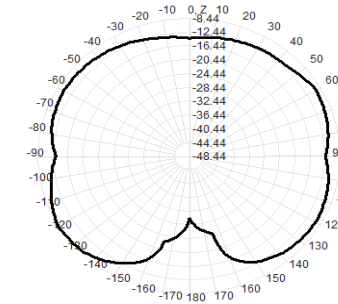
Back View



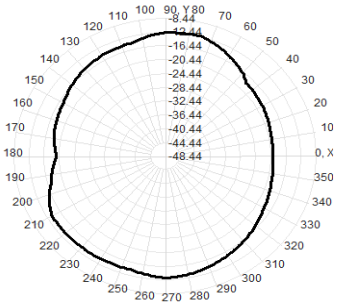
5740.0MHz Total(E1-XZ), Max= -13.19dBi



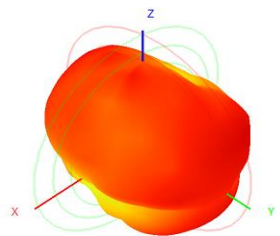
5740.0MHz Total(E2-YZ), Max= -8.44dBi



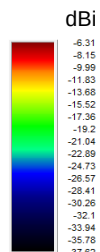
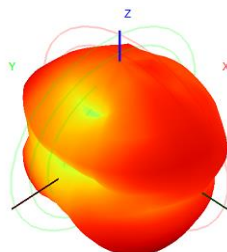
Total(H-XY), Max= -12.42dBi, CirD=7.84



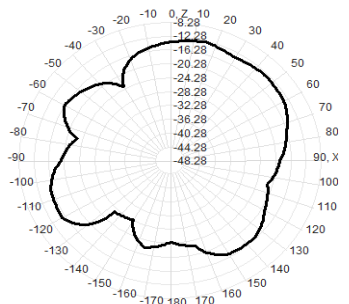
5750.0MHz H+V, Eff: 5.0%



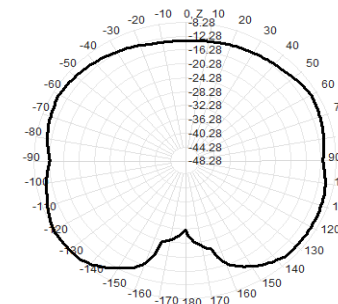
Back View



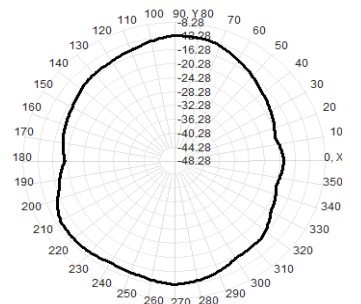
5750.0MHz Total(E1-XZ), Max= -12.83dBi



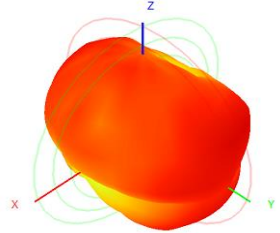
5750.0MHz Total(E2-YZ), Max= -8.28dBi



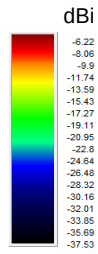
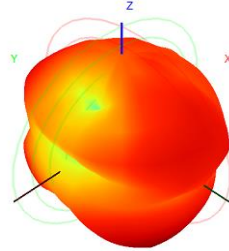
Total(H-XY), Max= -12.13dBi, CirD=8.83



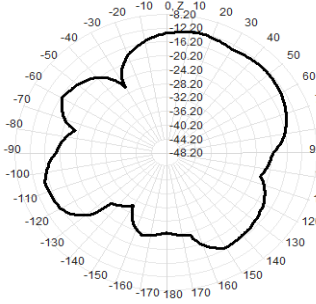
5760.0MHz H+V, Eff: 5.1%



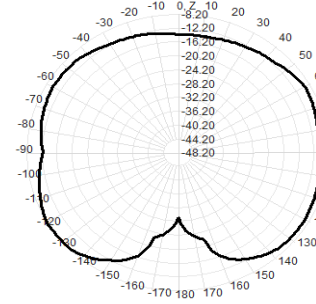
Back View



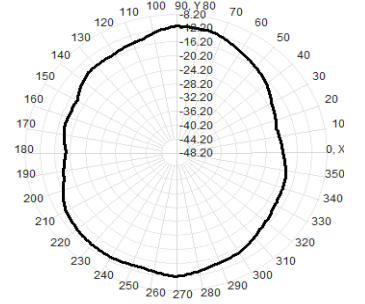
5760.0MHz Total(E1-XZ), Max= -12.52dBi



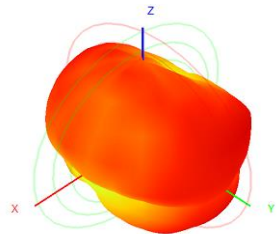
5760.0MHz Total(E2-YZ), Max= -8.20dBi



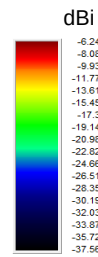
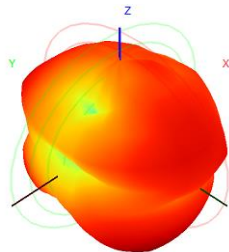
Total(H-XY), Max= -11.63dBi, CirD=9.29



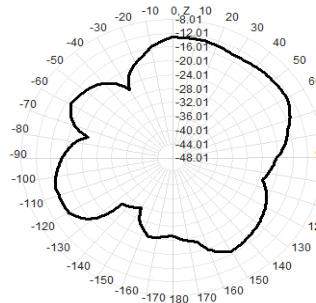
5770.0MHz H+V, Eff: 5.0%



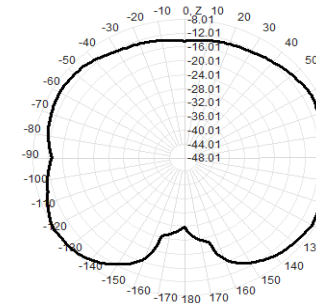
Back View



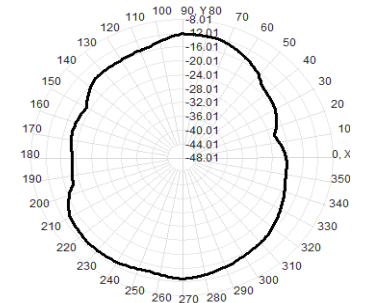
5770.0MHz Total(E1-XZ), Max= -13.18dBi



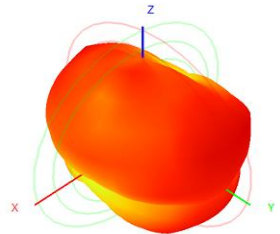
5770.0MHz Total(E2-YZ), Max= -8.01dBi



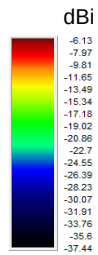
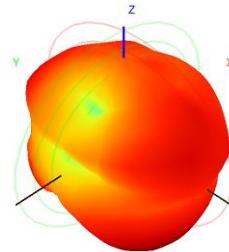
Total(H-XY), Max= -12.25dBi, CirD=10.76



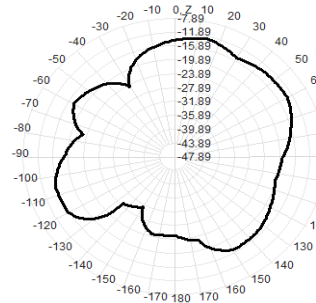
5780.0MHz H+V, Eff: 5.2%



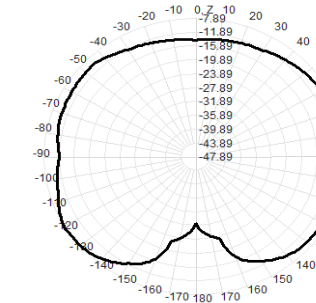
Back View



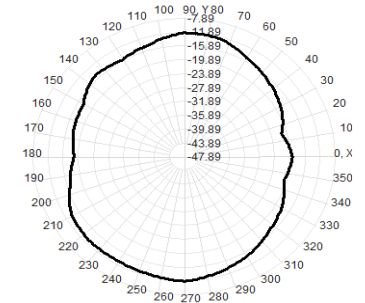
5780.0MHz Total(E1-XZ), Max= -12.73dBi



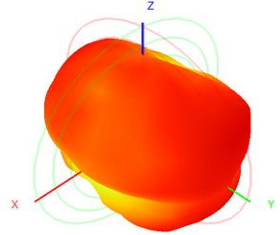
5780.0MHz Total(E2-YZ), Max= -7.89dBi



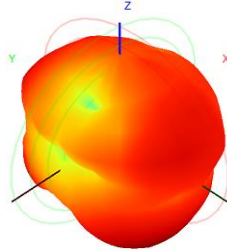
Total(H-XY), Max= -12.09dBi, CirD=9.40



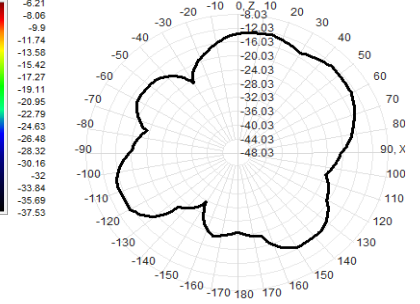
5790.0MHz H+V, Eff: 5.2%



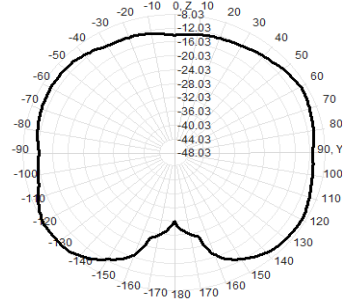
Back View



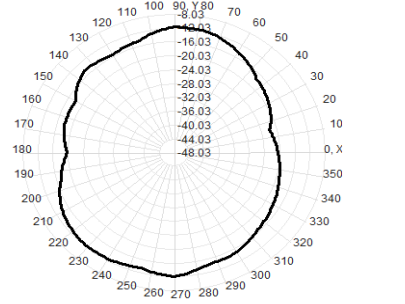
5790.0MHz Total(E1-XZ), Max= -12.81dBi



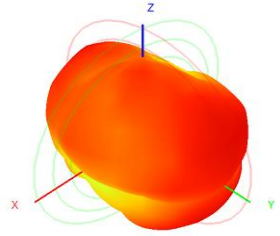
5790.0MHz Total(E2-YZ), Max= -8.03dBi



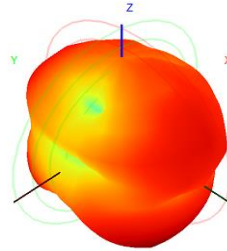
Total(H-XY), Max= -11.67dBi, CirD=10.45



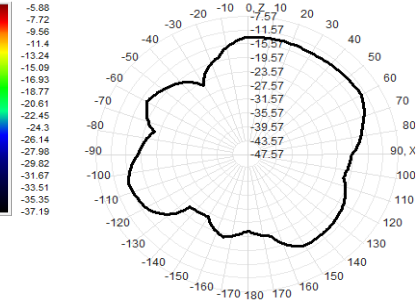
5800.0MHz H+V, Eff: 5.2%



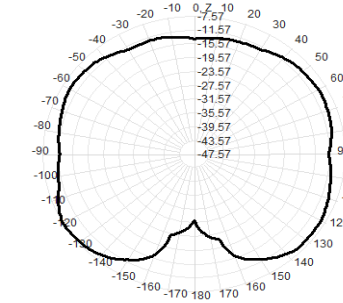
Back View



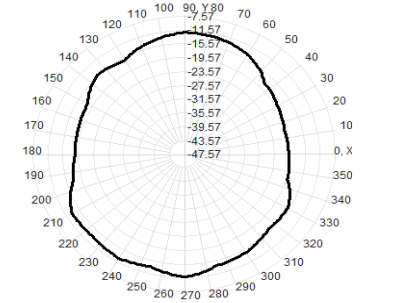
5800.0MHz Total(E1-XZ), Max= -13.00dBi



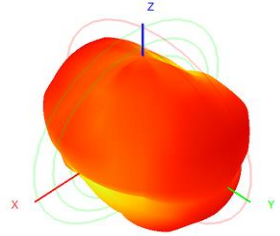
5800.0MHz Total(E2-YZ), Max= -7.57dBi



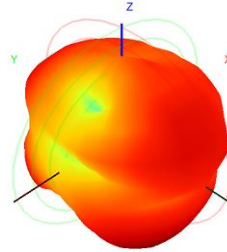
Total(H-XY), Max= -12.10dBi, CirD=8.22



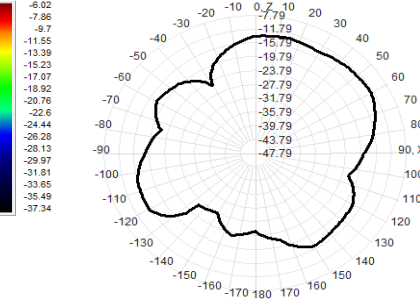
5810.0MHz H+V, Eff: 5.4%



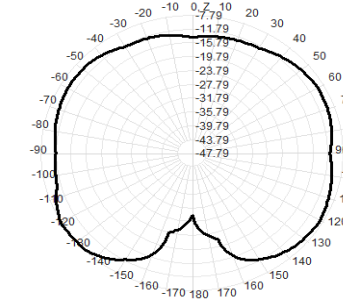
Back View



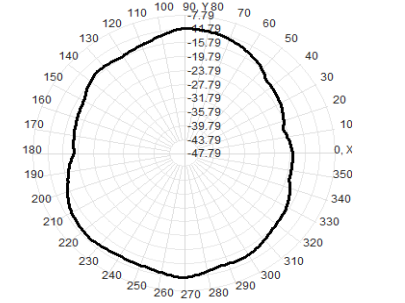
5810.0MHz Total(E1-XZ), Max= -12.63dBi



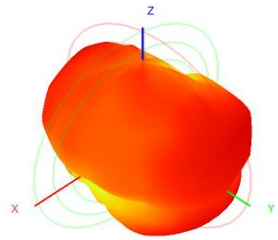
5810.0MHz Total(E2-YZ), Max= -7.79dBi



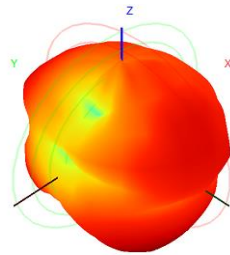
Total(H-XY), Max= -11.56dBi, CirD=9.28



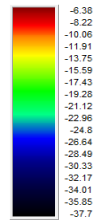
5820.0MHz H+V, Eff: 5.1%



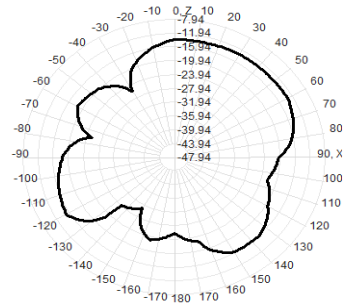
Back View



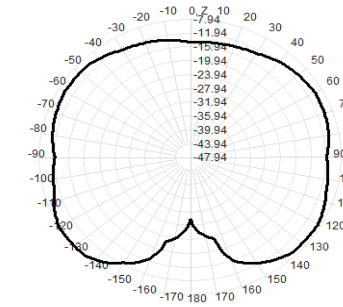
dBi



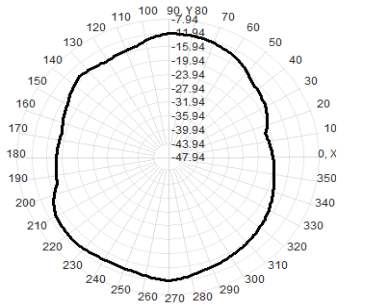
5820.0MHz Total(E1-XZ), Max= -13.47dBi



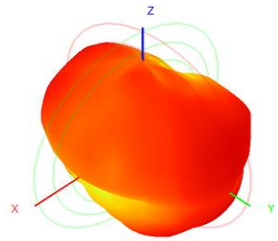
5820.0MHz Total(E2-YZ), Max= -7.94dBi



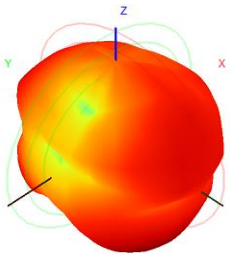
Total(H-XY), Max= -12.07dBi, CirD=9.42



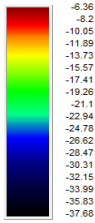
5830.0MHz H+V, Eff: 5.3%



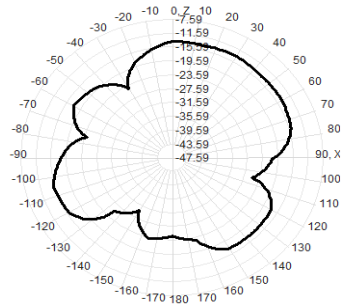
Back View



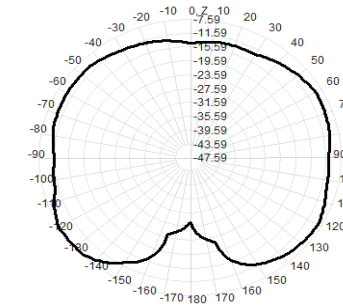
dBi



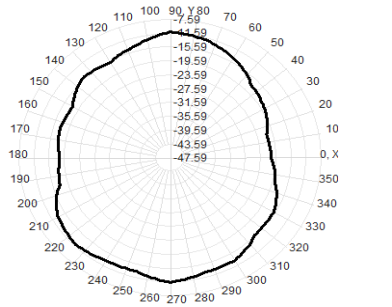
5830.0MHz Total(E1-XZ), Max= -13.75dBi



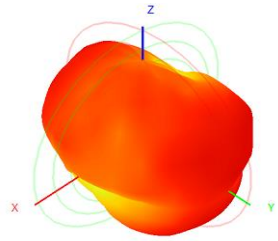
5830.0MHz Total(E2-YZ), Max= -7.59dBi



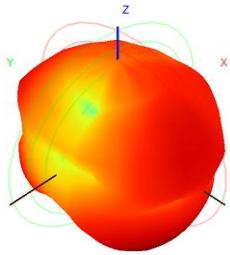
Total(H-XY), Max= -11.29dBi, CirD=10.07



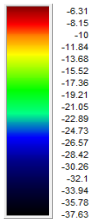
5840.0MHz H+V, Eff: 5.4%



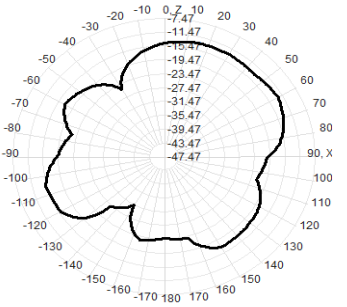
Back View



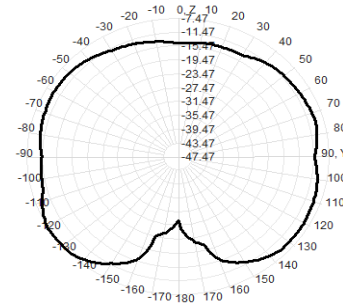
dBi



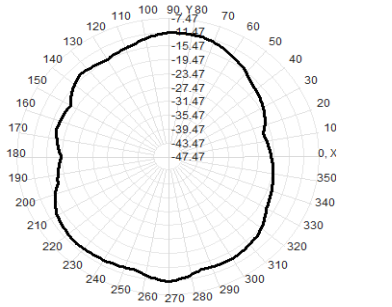
5840.0MHz Total(E1-XZ), Max= -12.90dBi



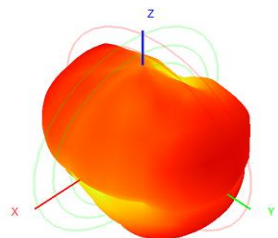
5840.0MHz Total(E2-YZ), Max= -7.47dBi



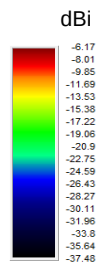
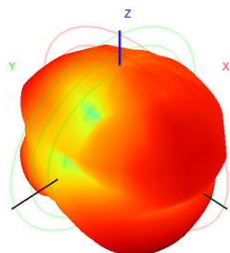
Total(H-XY), Max= -11.49dBi, CirD=10.19



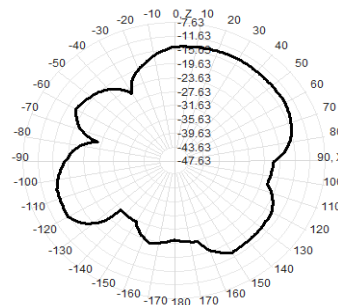
5850.0MHz H+V, Eff: 5.4%



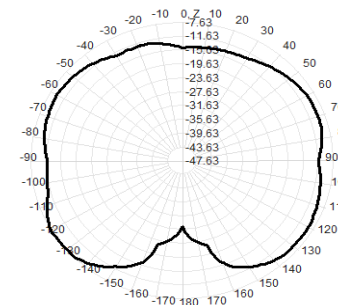
Back View



5850.0MHz Total(E1-XZ), Max= -13.76dBi



5850.0MHz Total(E2-YZ), Max= -7.63dBi



Total(H-XY), Max= -11.84dBi, CirD=9.65

