



深圳市科信无线技术有限公司

Shenzhen Kexin WIRELESS Technology Co. LTD

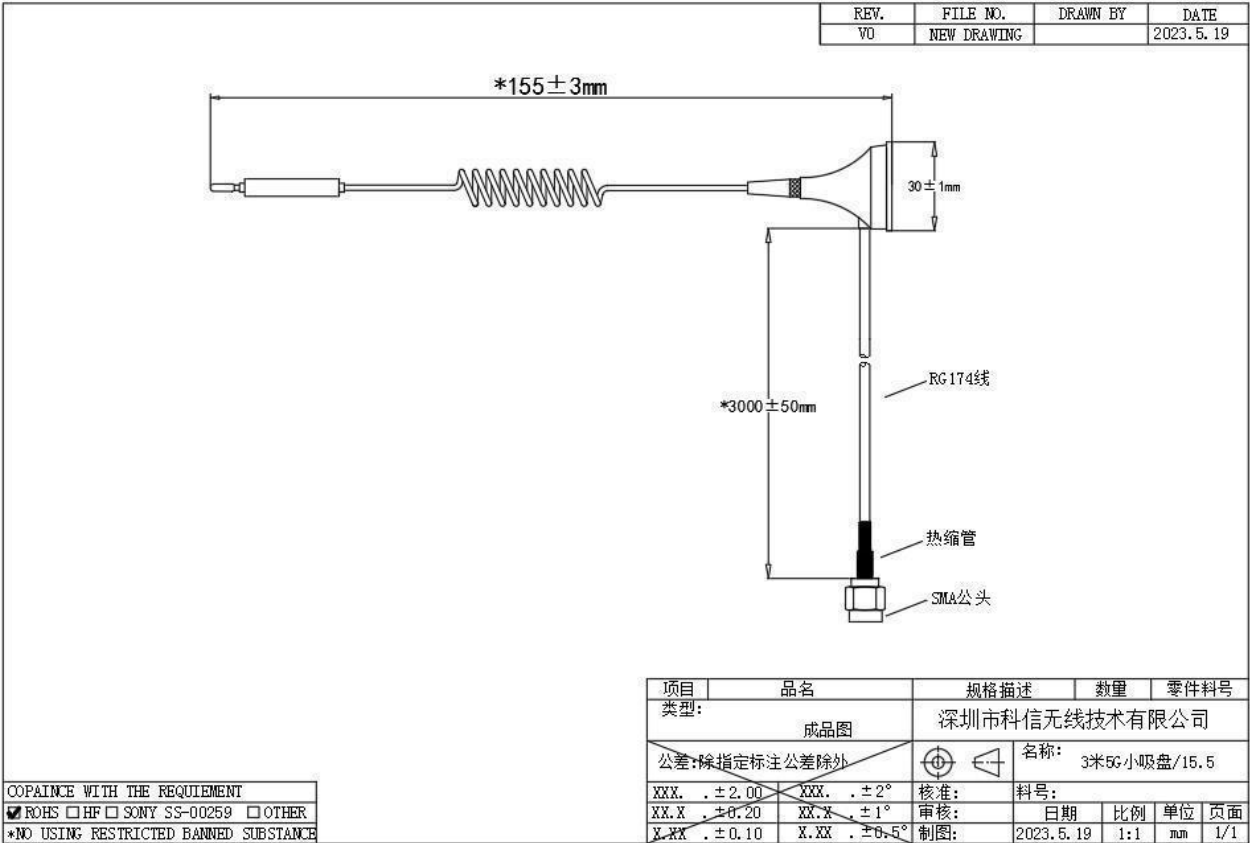
antenna name: 3 m 5G small sucker /15.5CM high

Antenna specification

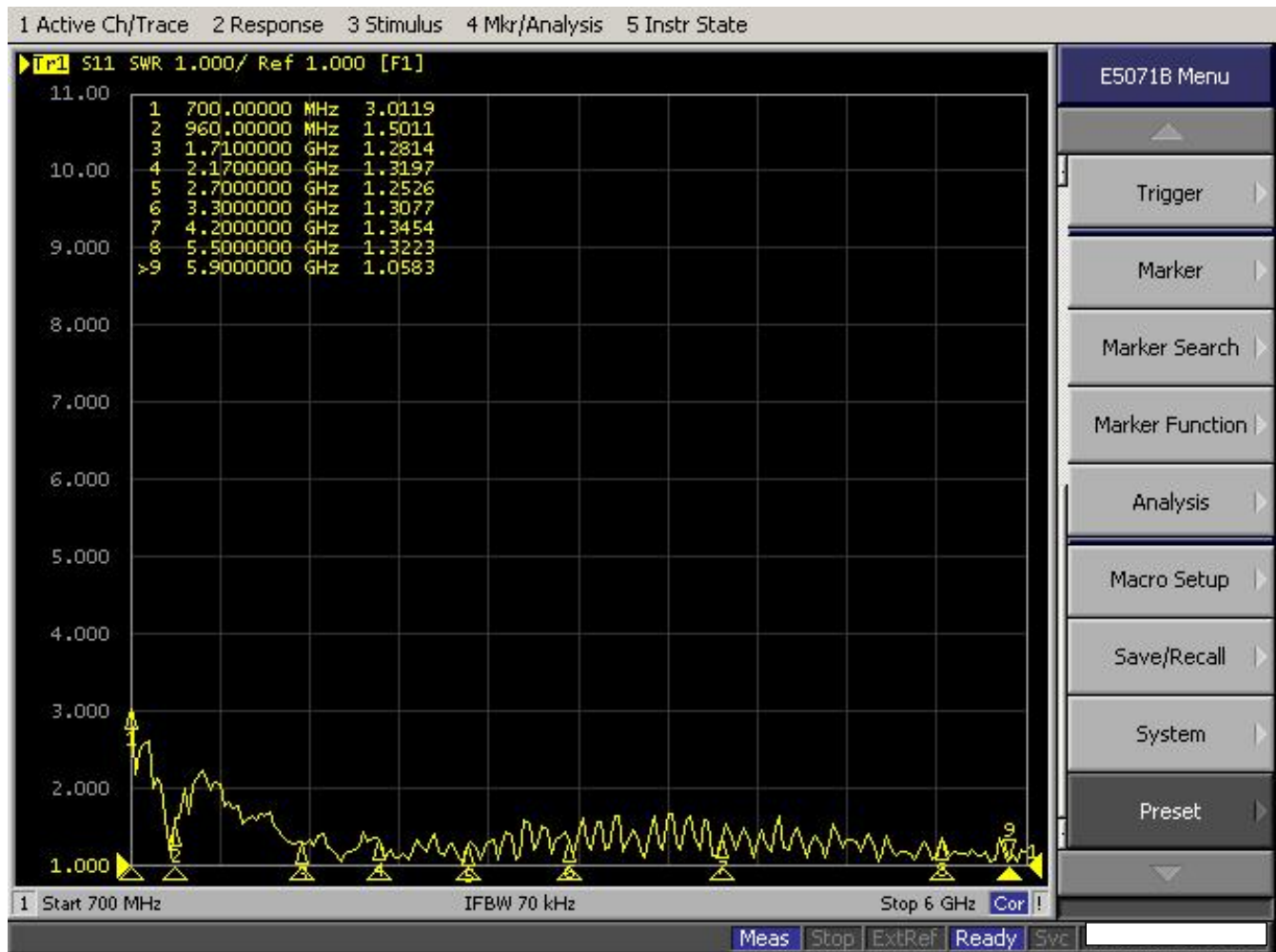
4、Product performance parameter

电性能指标 Electrical Specifications	
频率范围 Frequency Range (MHz)	700-5900MHz
输入阻抗 Input Impedence (Ω)	50
电压驻波比 V.S.W.R	≤ 2.0 (未匹配设备/仅供参考)
参考增益 Gain (dbi)	3DBI (未匹配设备/仅供参考)
极化形式 Polarization Type	垂直 Vertical
辐射方向 Radiation Direction	全向 Omni-Directional
通断测试 Continuity Test	通路
最大功率容量 Max Power (W)	10W
机械指标 Mechanical Specifications	
天线长度 Antenna Length (MM)	3000mm
连接器型号 Connect Type	SMA-J
外壳材质 Radome Material	ABS
外壳颜色 Radome Color	黑色
工作温度 Operating Temp	-25 ~ +75 °C
储存温度 Storage Temp	-25 ~ +75 °C

5、 product photo



6、 VSWR:

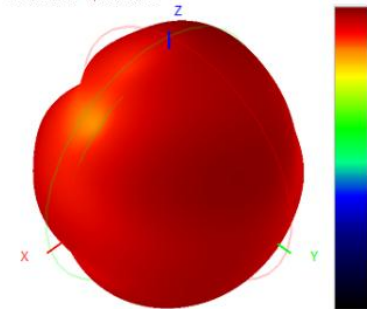


efficiency gain

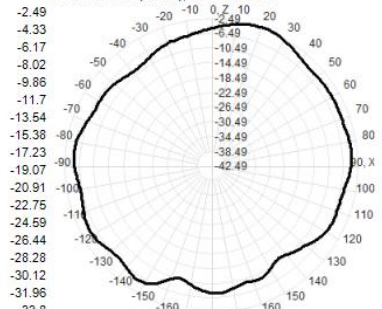
Frequency (MHz) (工作频段)	Efficiency (%) (效率)	Peak GAIN (dBi) (增益)
820	28.21	-2.49
960	16.04	-4.88
1720	11.68	-4.97
2180	12.78	-5.83
2400	14.93	-2.19
2700	6.91	-5.83
3300	5.79	-6.25
4200	5.42	-7.14
5000	1.41	-11.62
5900	0.7	-14.49

2D&3D

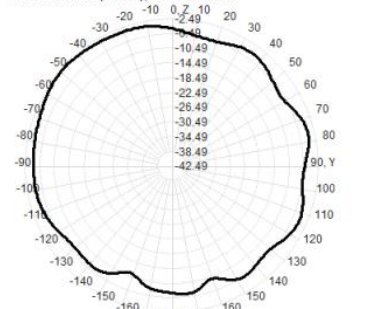
820.0MHz H+V, Eff: 28.2%



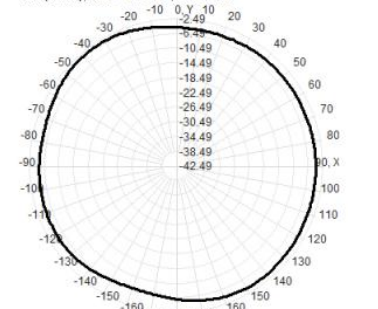
820.0MHz Total(E1-XZ), Max=-2.49dBi



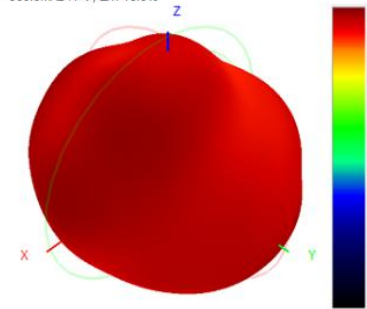
820.0MHz Total(E2-YZ), Max=-2.98dBi



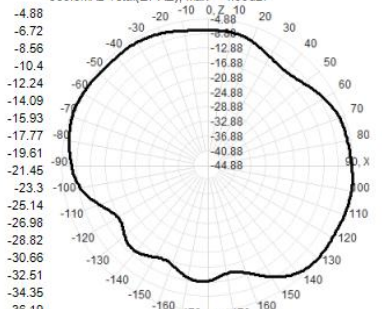
Total(H-XY), Max=-3.39dBi, CirD=4.02



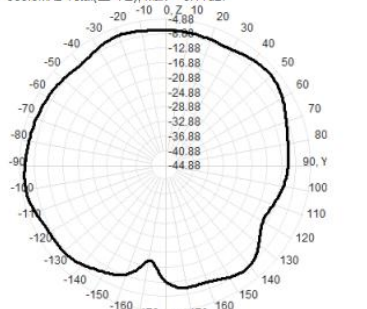
960.0MHz H+V, Eff: 16.0%



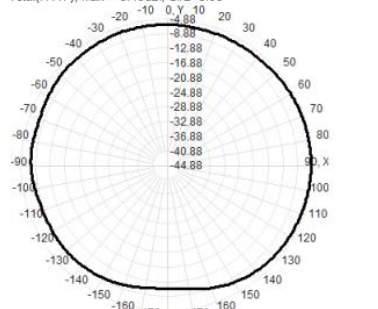
960.0MHz Total(E1-XZ), Max=-4.88dBi



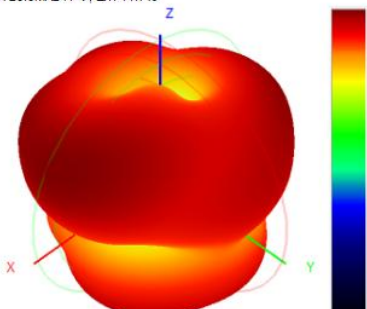
960.0MHz Total(E2-YZ), Max=-6.11dBi



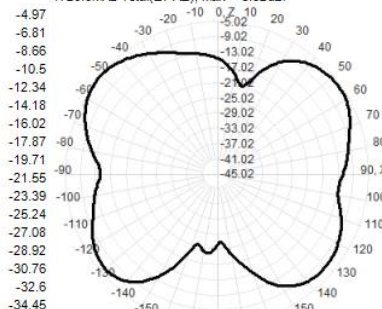
Total(H-XY), Max=-5.46dBi, CirD=5.85



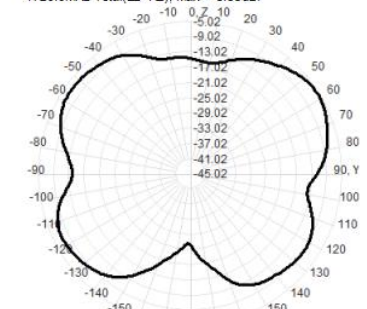
1720.0MHz H+V, Eff: 11.7%



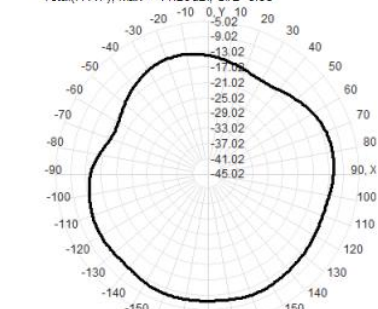
1720.0MHz Total(E1-XZ), Max=-5.02dBi



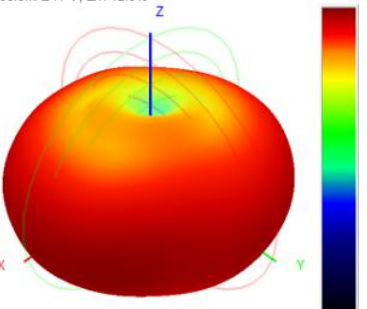
1720.0MHz Total(E2-YZ), Max=-5.55dBi



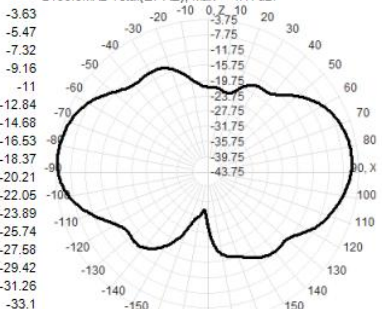
Total(H-XY), Max=-11.28dBi, CirD=6.95



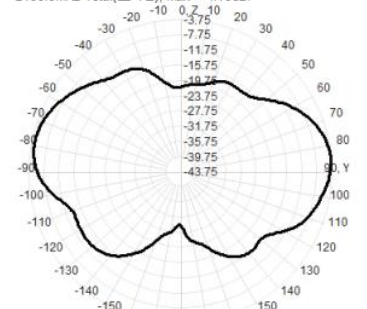
2180.0MHz H+V, Eff: 12.8%



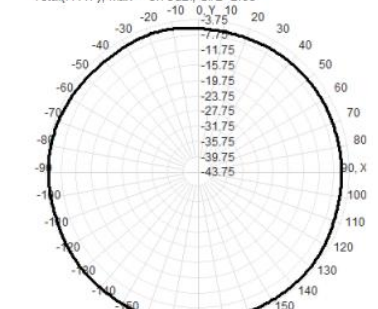
2180.0MHz Total(E1-XZ), Max=-4.17dBi



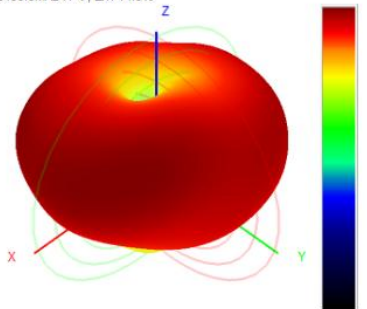
2180.0MHz Total(E2-YZ), Max=-4.16dBi



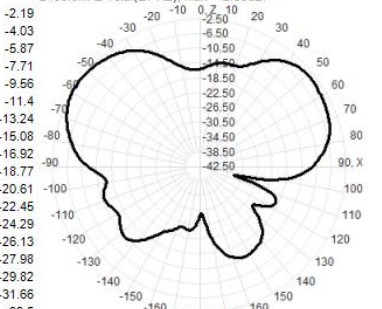
Total(H-XY), Max=-3.75dBi, CirD=2.65



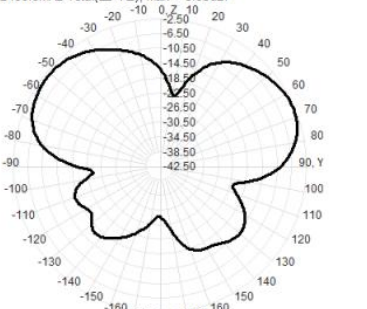
2400.0MHz H+V, Eff: 14.9%



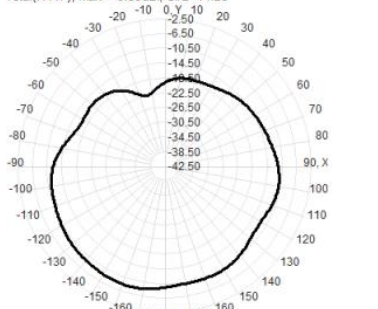
2400.0MHz Total(E1-XZ), Max=-2.50dBi



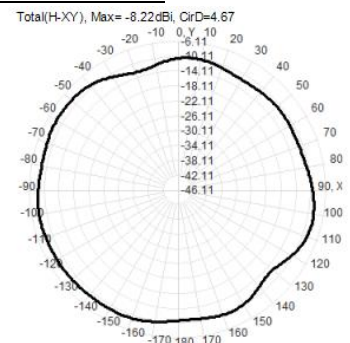
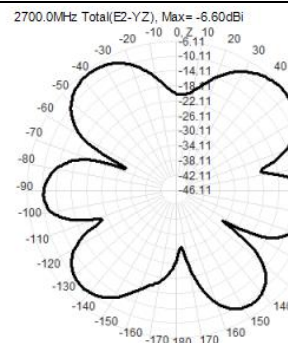
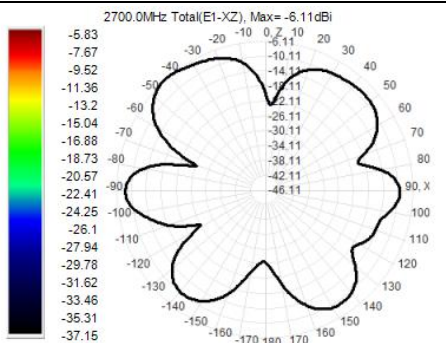
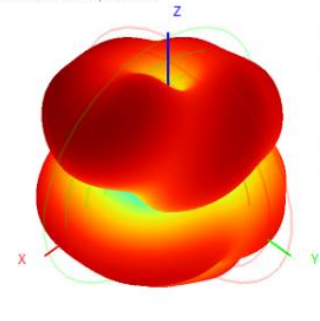
2400.0MHz Total(E2-YZ), Max=-3.05dBi



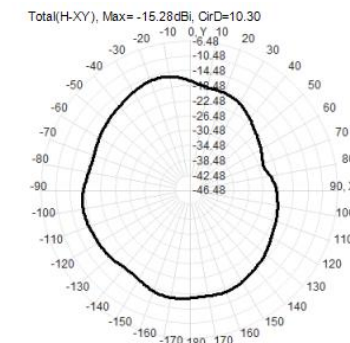
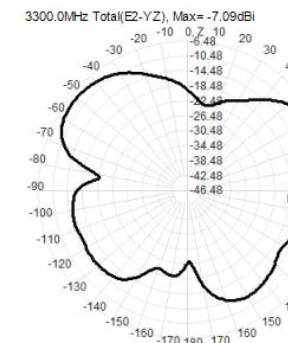
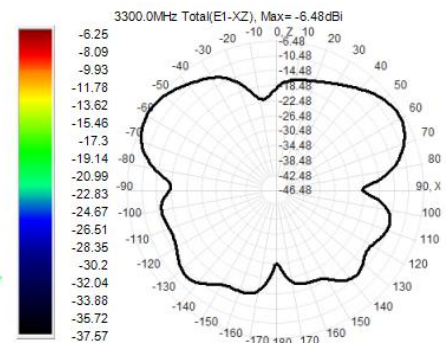
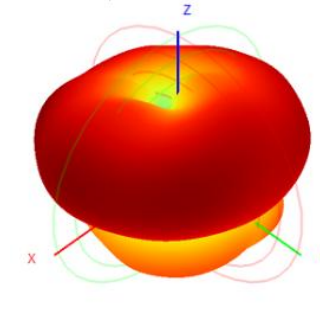
Total(H-XY), Max=-8.58dBi, CirD=14.25



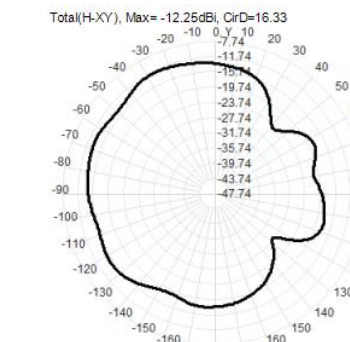
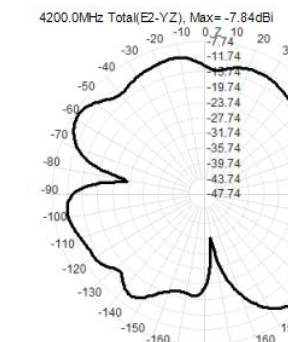
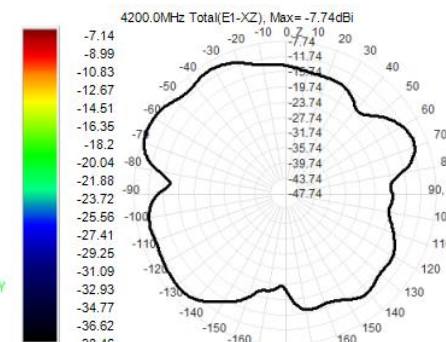
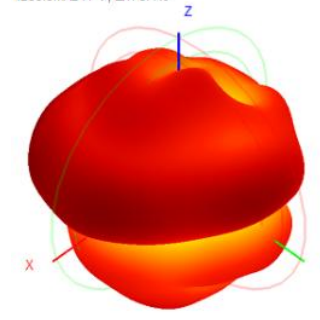
2700.0MHz H+V, Eff: 6.9%



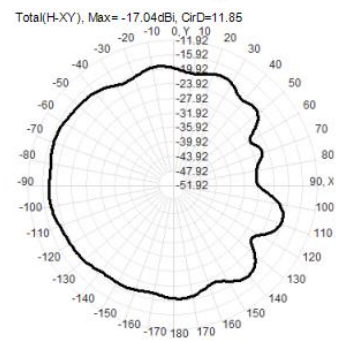
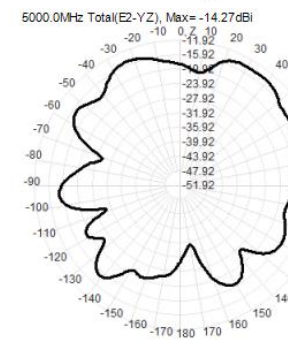
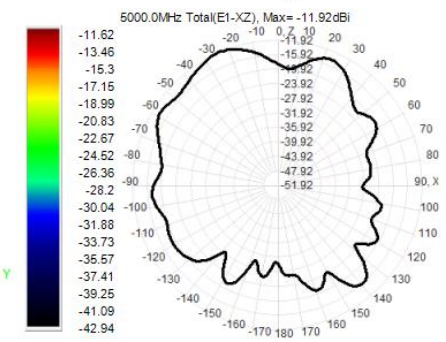
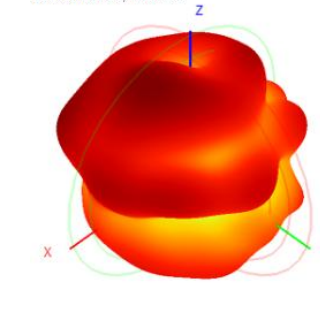
3300.0MHz H+V, Eff: 5.8%



4200.0MHz H+V, Eff: 5.4%



5000.0MHz H+V, Eff: 1.4%



5900.0MHz H+V, Eff: 0.7%

