

Omnidirectional Fiberglass Antenna



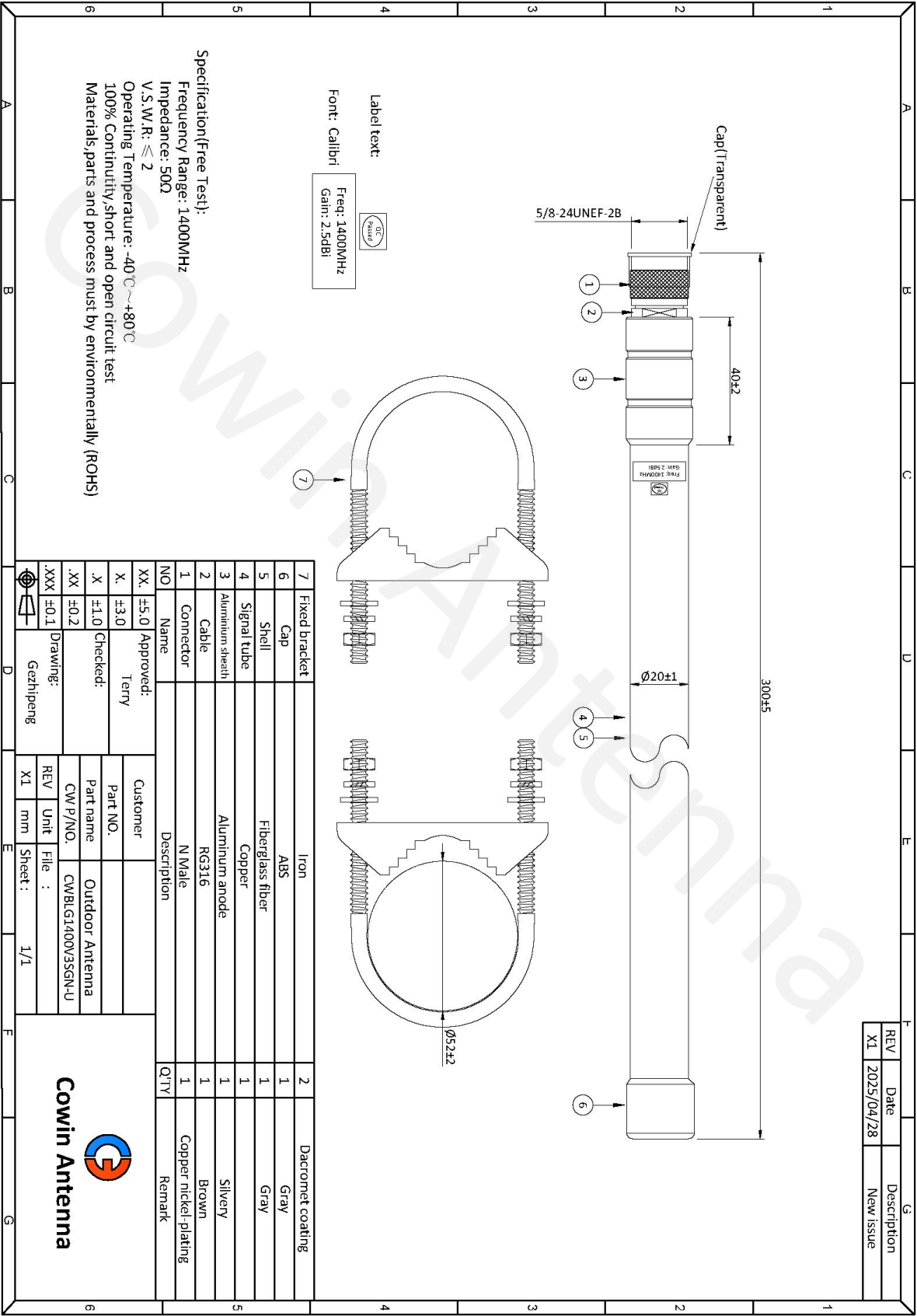
Electrical Specifications 电性指标

Part Number 料号	CWBLG1400V3SGN-U
Frequency Range 频率范围	1400±5MHz
Bandwidth 带宽	/
Peak Gain 峰值增益	2.5dBi
Radiation Direction 辐射方向	Omnidirectional
Polarization 极化方式	Vertical
Electrical Downtilt 电下倾角	/
Half Power Beamwidths 半功率波瓣宽度	/
First Upper Sidelobe Suppression 第一上旁瓣抑制	/
Front-to-rear ratio 前后比	/
Impedance 输入阻抗	50Ω
VSWR 电压驻波比	≤ 2.0
Maximum Power 最大功率	50W
Lightning Protection 雷电保护	DC Grounding

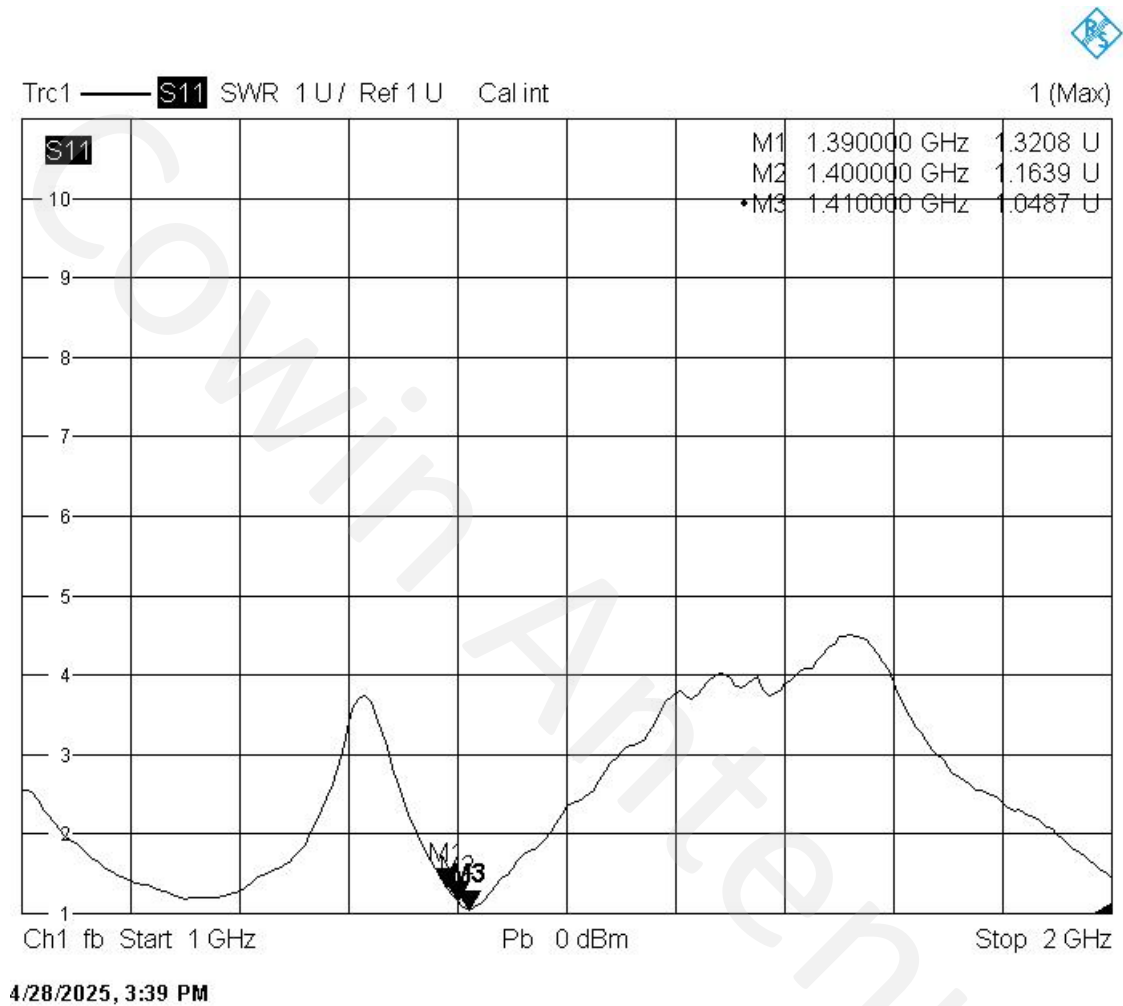
Mechanical Specifications 机械性能

Connector Type 接头类型	N Male
Connector Position 接头位置	/
Cable type 线材类型	/
Antenna Size 天线尺寸	300*20MM
Antenna Weight 天线重量	0.25KG
Radome Material 外罩材料	Fiberglass
Radome Colour 外罩颜色	Gray
Mechanically Adjustable Tilt Angle 机械可调倾角	/
Temperature Range 温度	-40-85℃
Extreme Wind Speed 极限风速	60m/s
Pole Diameter 抱杆直径	/
Mounting Method 安装方式	Pole Mount
Mounting Model 安装件型号	2*CWJM004.02/03/Dacromet
Environmental Standards 环保标准	ROHS/REACH



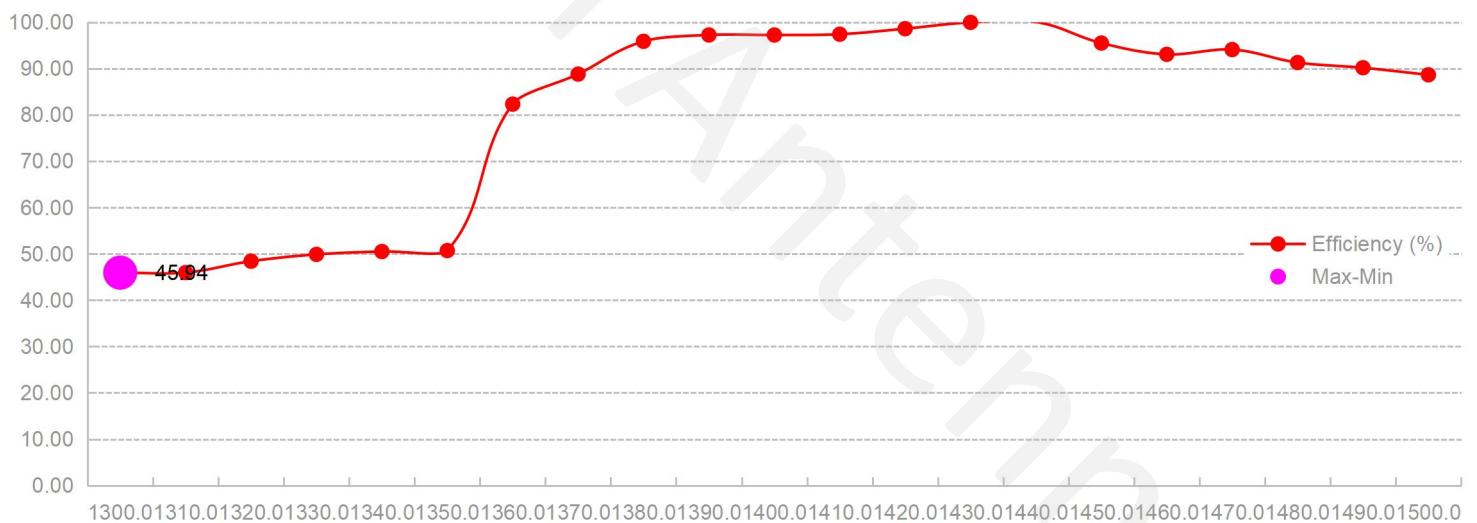


V.S.W.R



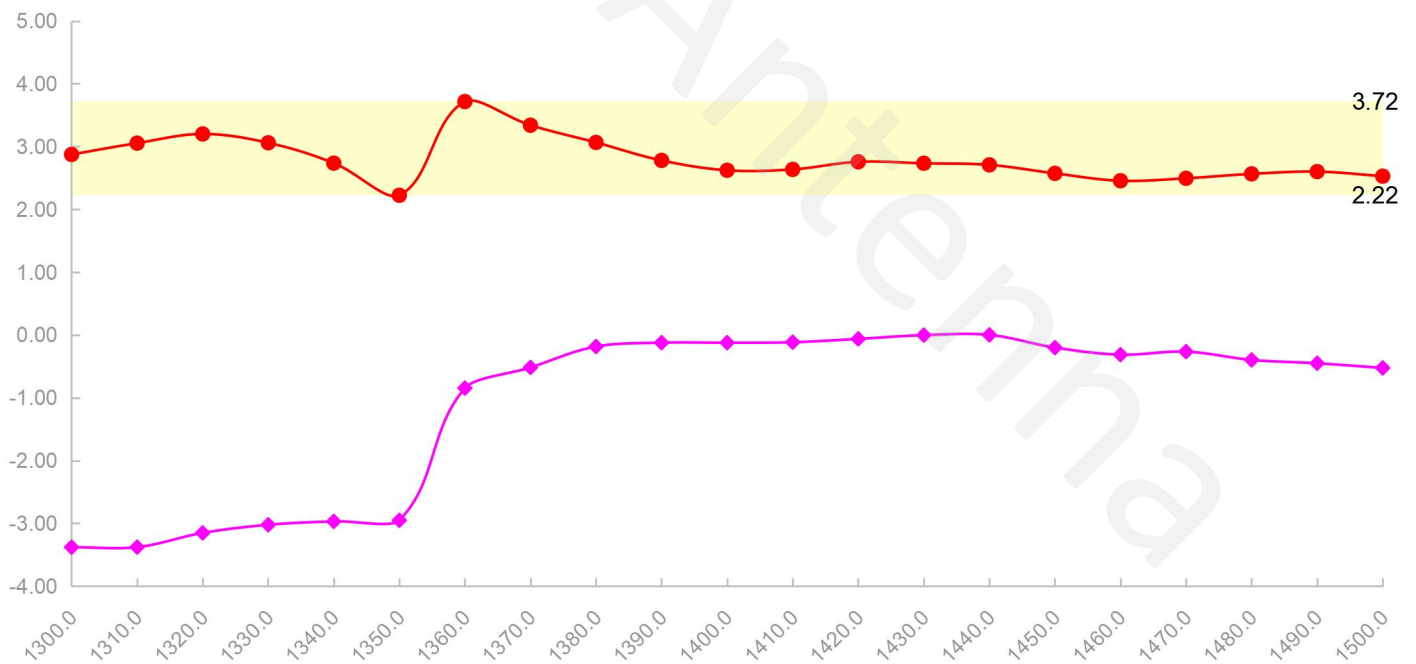
Efficiency

Frequenc (MHz)	Efficiency (%)
1300	45.94
1400	97.21
1500	88.63



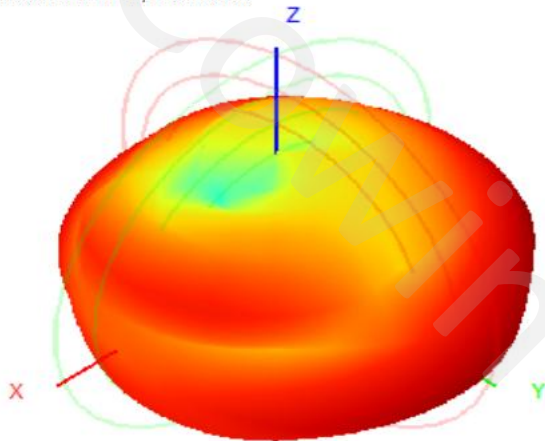
Peak Gain

Frequency (MHz)	Max Gain (dBi)
1300	2.87
1400	2.62
1500	2.53

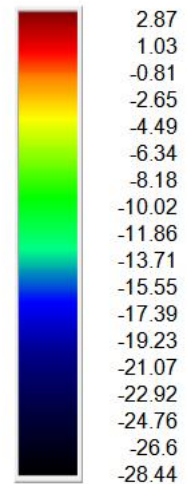
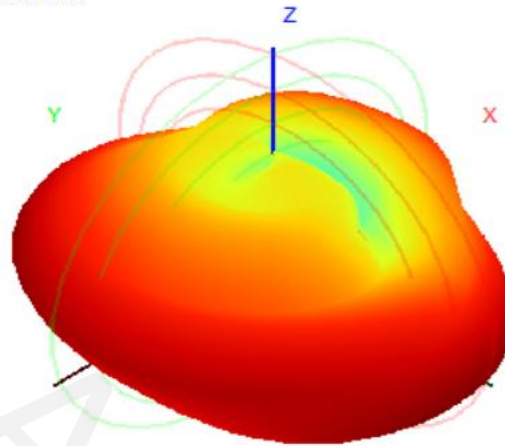


2D Radiation Patterns

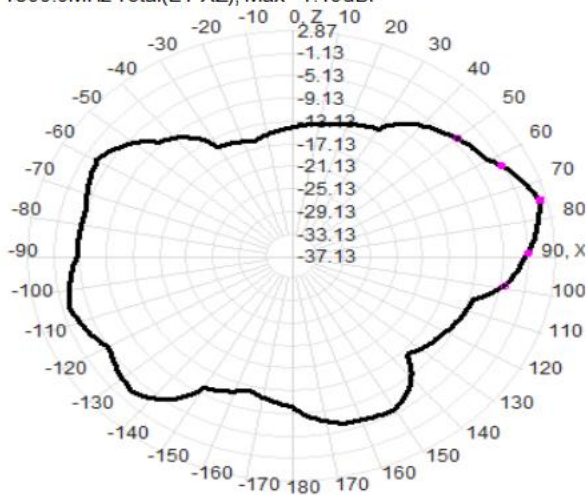
1300.0MHz H+V, Eff. 45.9%



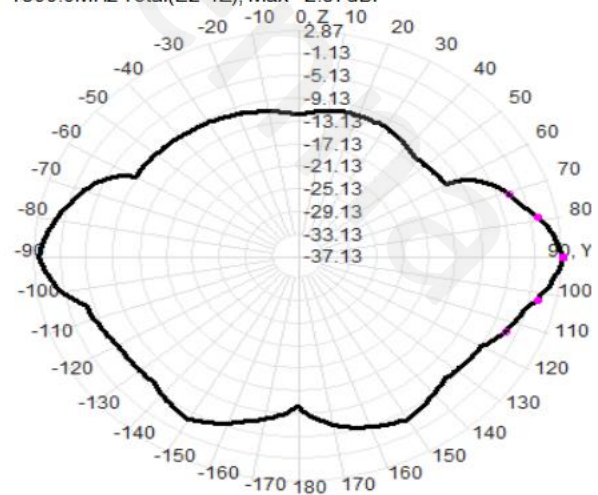
Back View



1300.0MHz Total(E1-XZ), Max= 1.49dBi

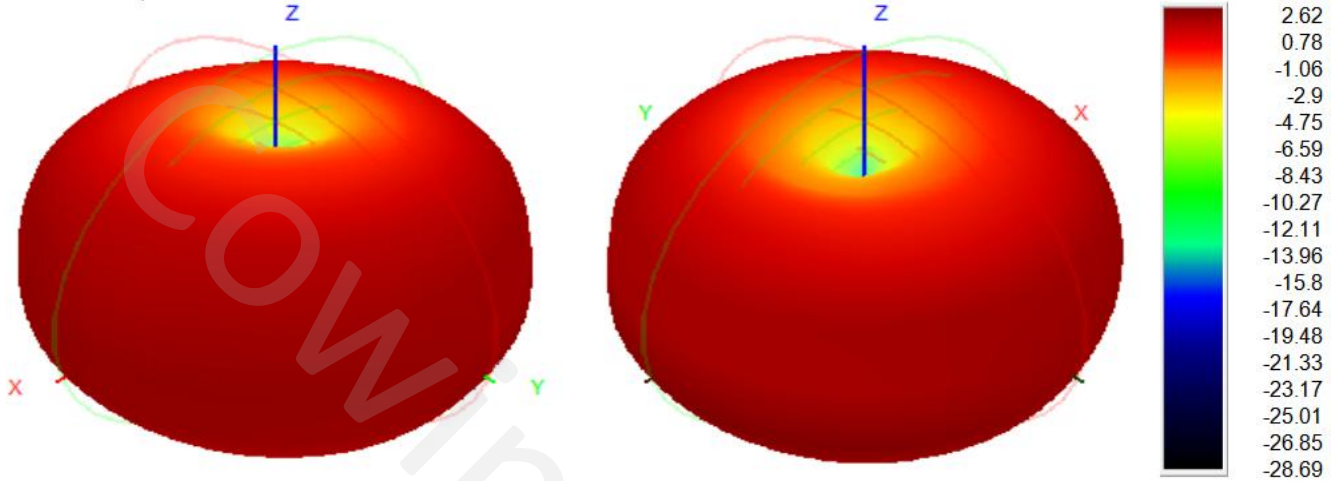


1300.0MHz Total(E2-YZ), Max= 2.87dBi



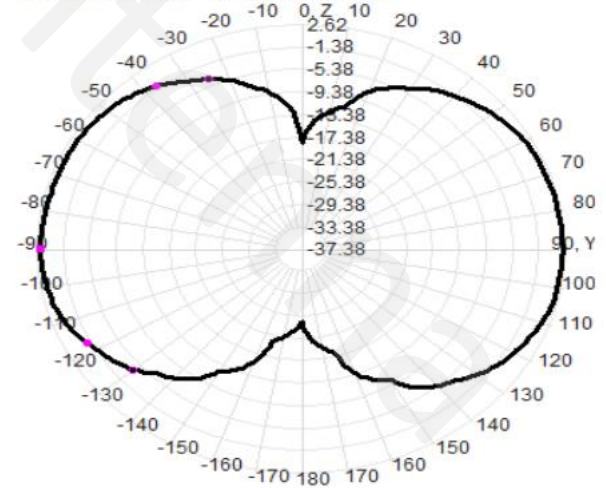
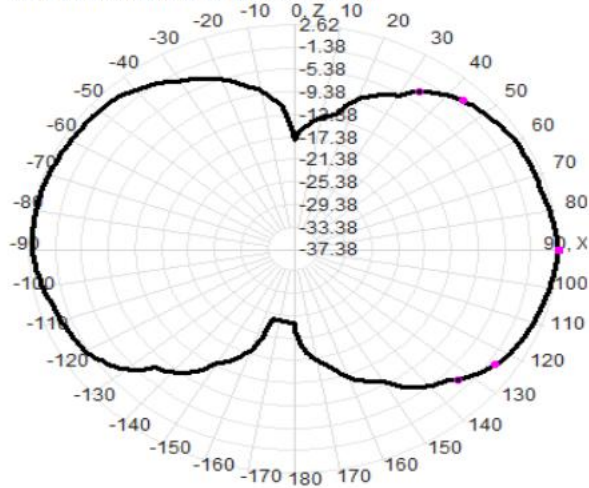
1400.0MHz H+V, Eff. 97.2%

Back View



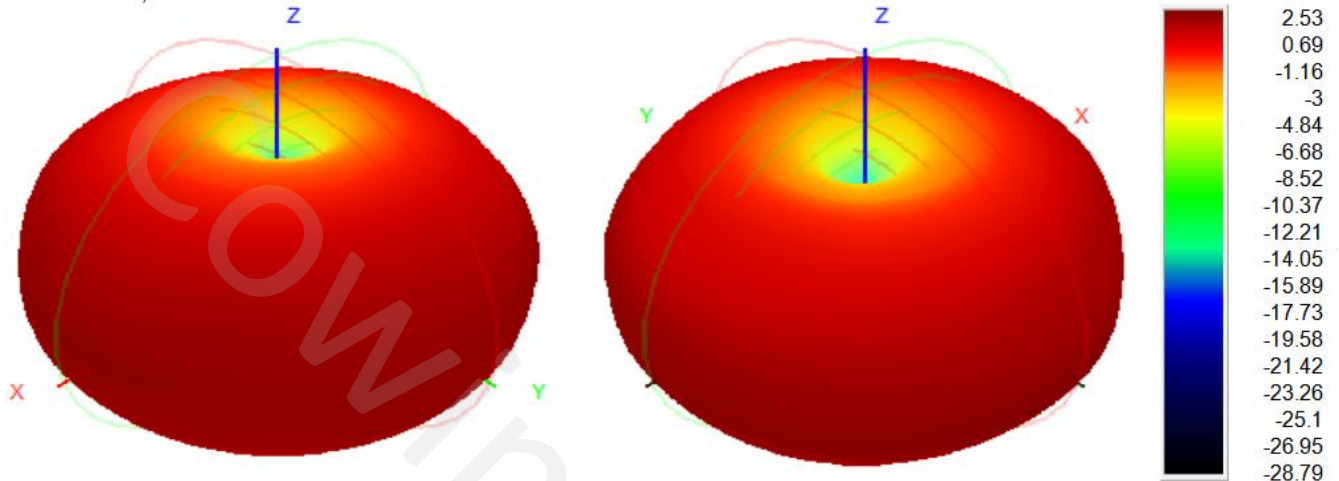
1400.0MHz Total(E1-XZ), Max= 2.51dBi

1400.0MHz Total(E2-YZ), Max= 2.09dBi



1500.0MHz H+V, Eff. 88.6%

Back View



1500.0MHz Total(E1-XZ), Max= 2.19dBi

1500.0MHz Total(E2-YZ), Max= 2.53dBi

