

2.4G Omni Mimo Antenna



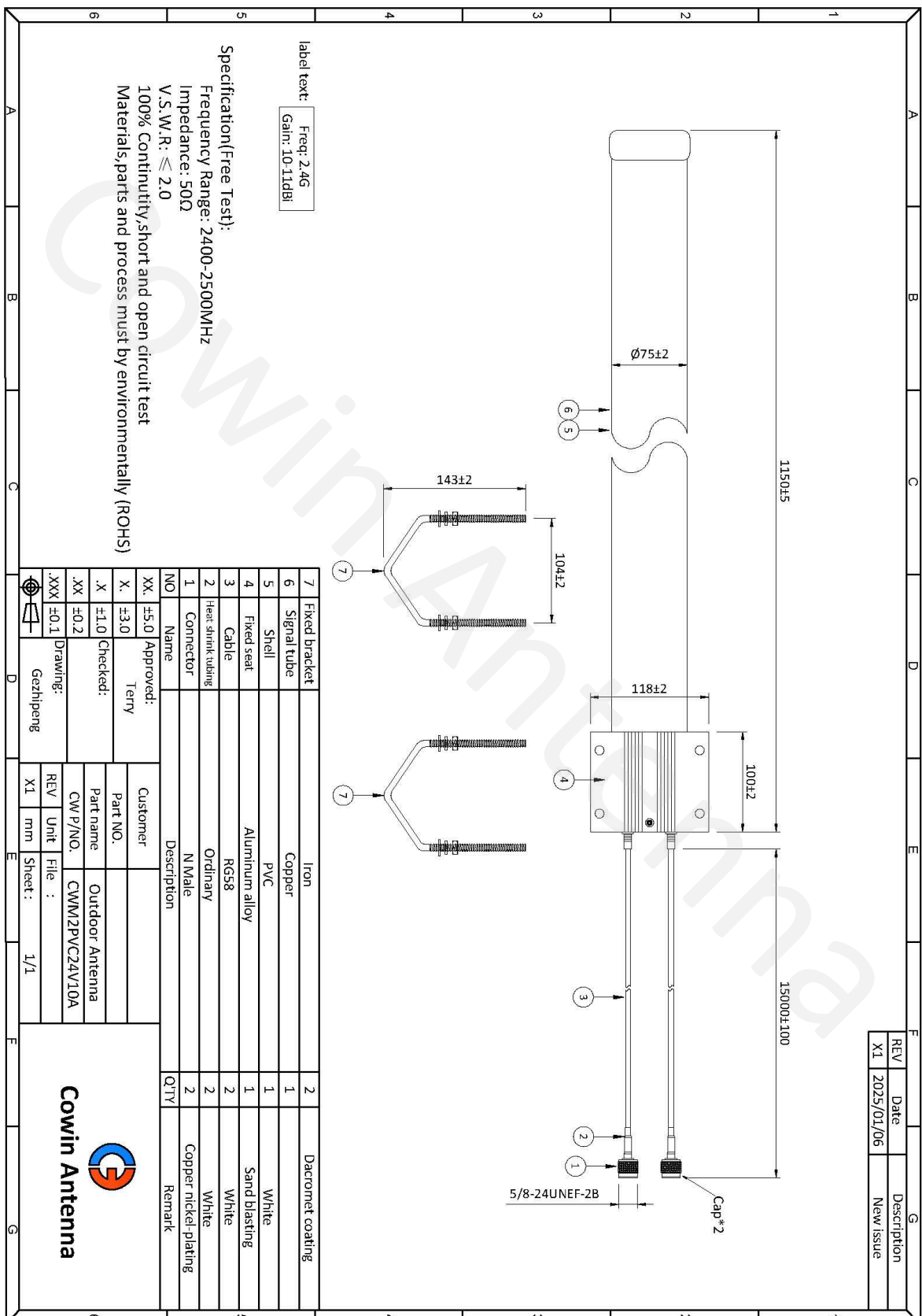
Electrical Specifications 电性指标

Part Number 料号	CWM2PVC24V10A
Frequency Range 频率范围	2400-2500MHz
Bandwidth 带宽	100MHz
Peak Gain 峰值增益	10±1dBi
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

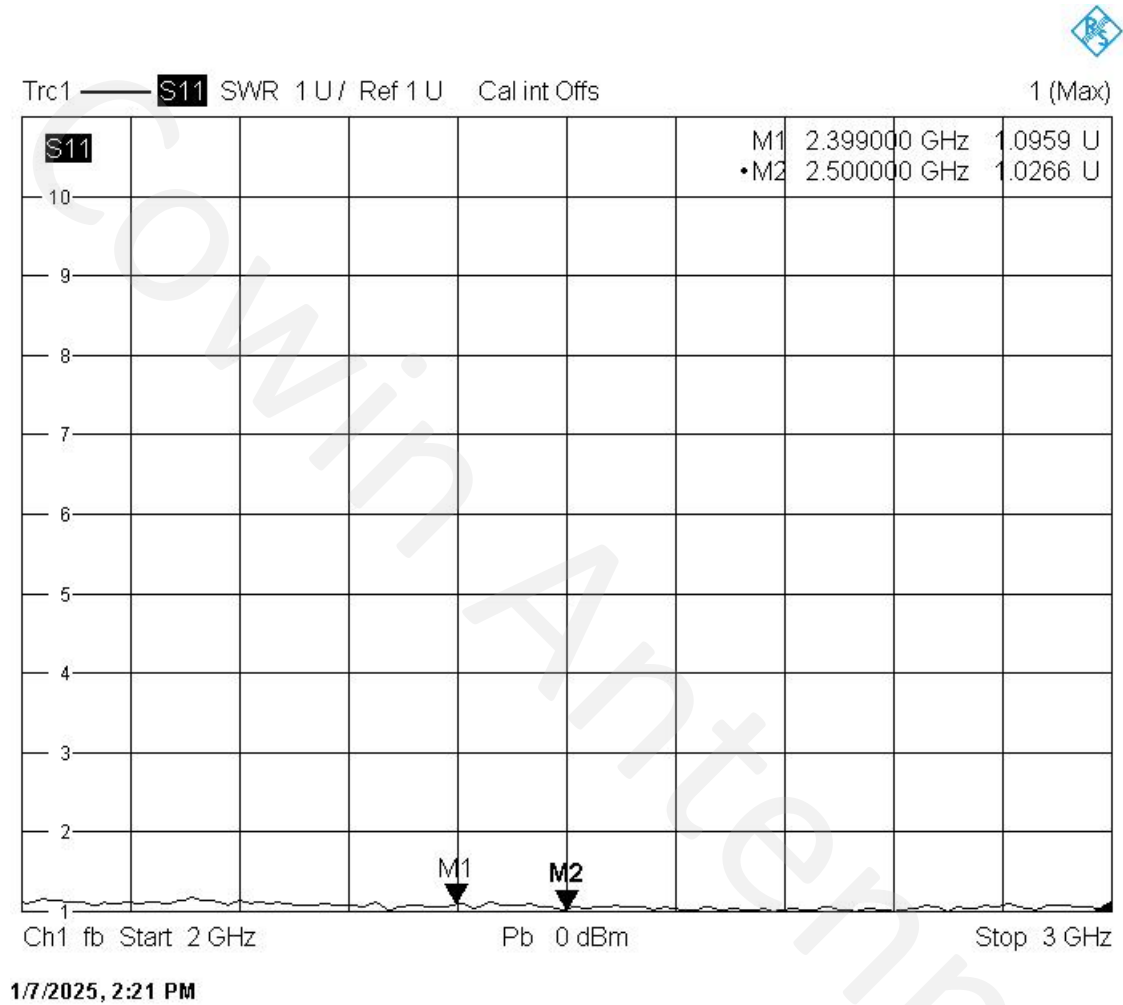
Mechanical Specifications 机械性能

Connector Type 接头类型	2*N Male
Connector Position 接头位置	Bottom
Cable type 线材类型	2*White RG58 Cable/L=15M
Antenna Size 天线尺寸	1150*75MM
Antenna Weight 天线重量	1.5KG
Radome Material 外罩材料	PVC
Radome Colour 外罩颜色	White
Mechanically Adjustable Tilt Angle 机械可调倾角	/
Temperature Range 温度	-40-80℃
Extreme Wind Speed 极限风速	60m/s
Pole Diameter 抱杆直径	40-90MM
Mounting Method 安装方式	Pole Mount
Mounting Model 安装件型号	CWBLG24VH10A
Environmental Standards 环保标准	ROHS/REACH

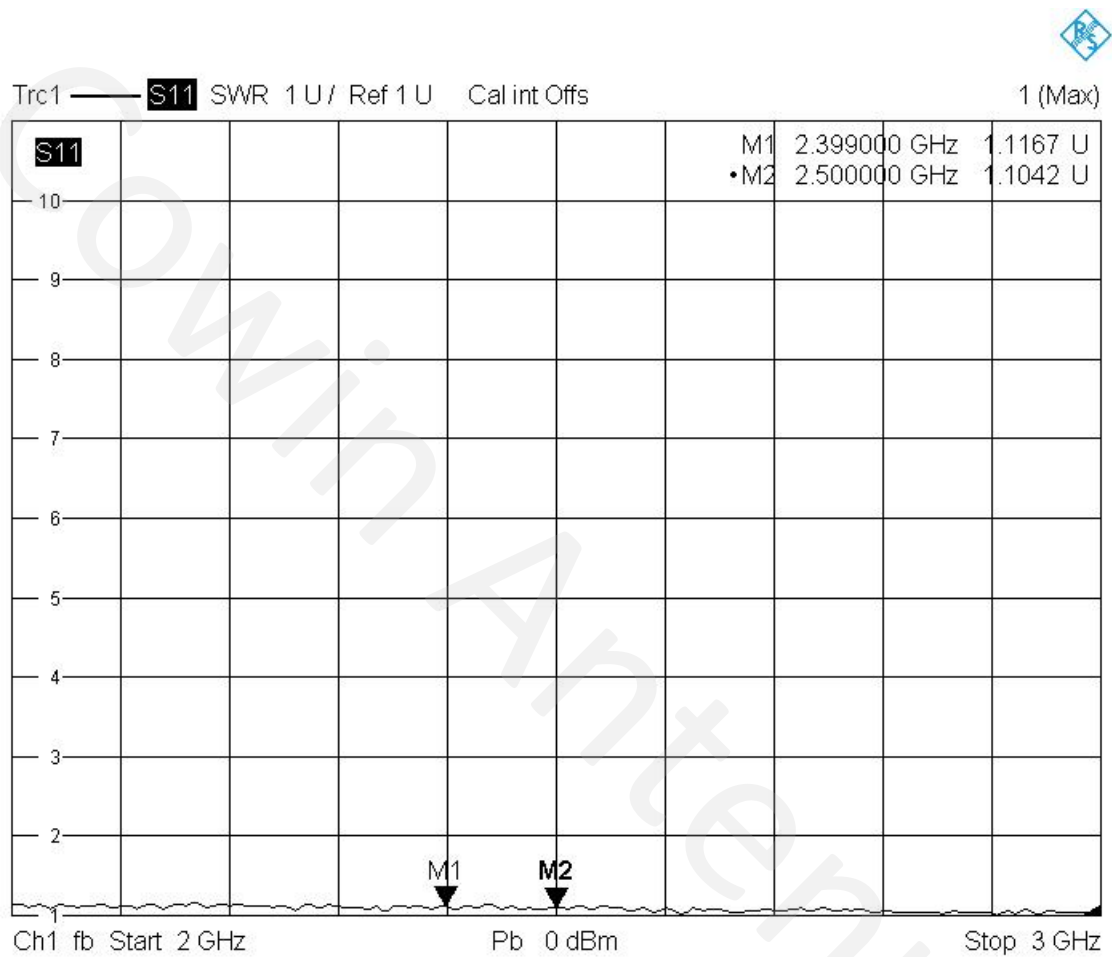




V.S.W.R (connector-1)



V.S.W.R (connector-2)



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Efficiency (connector-1)

Frequency (MHz)	Efficiency (%)
2400	76.35
2425	73.56
2450	69.69
2475	72.34
2500	74.15

Efficiency (connector-2)

Frequency (MHz)	Efficiency (%)
2400	75.26
2425	74.28
2450	69.28
2475	73.29
2500	76.26

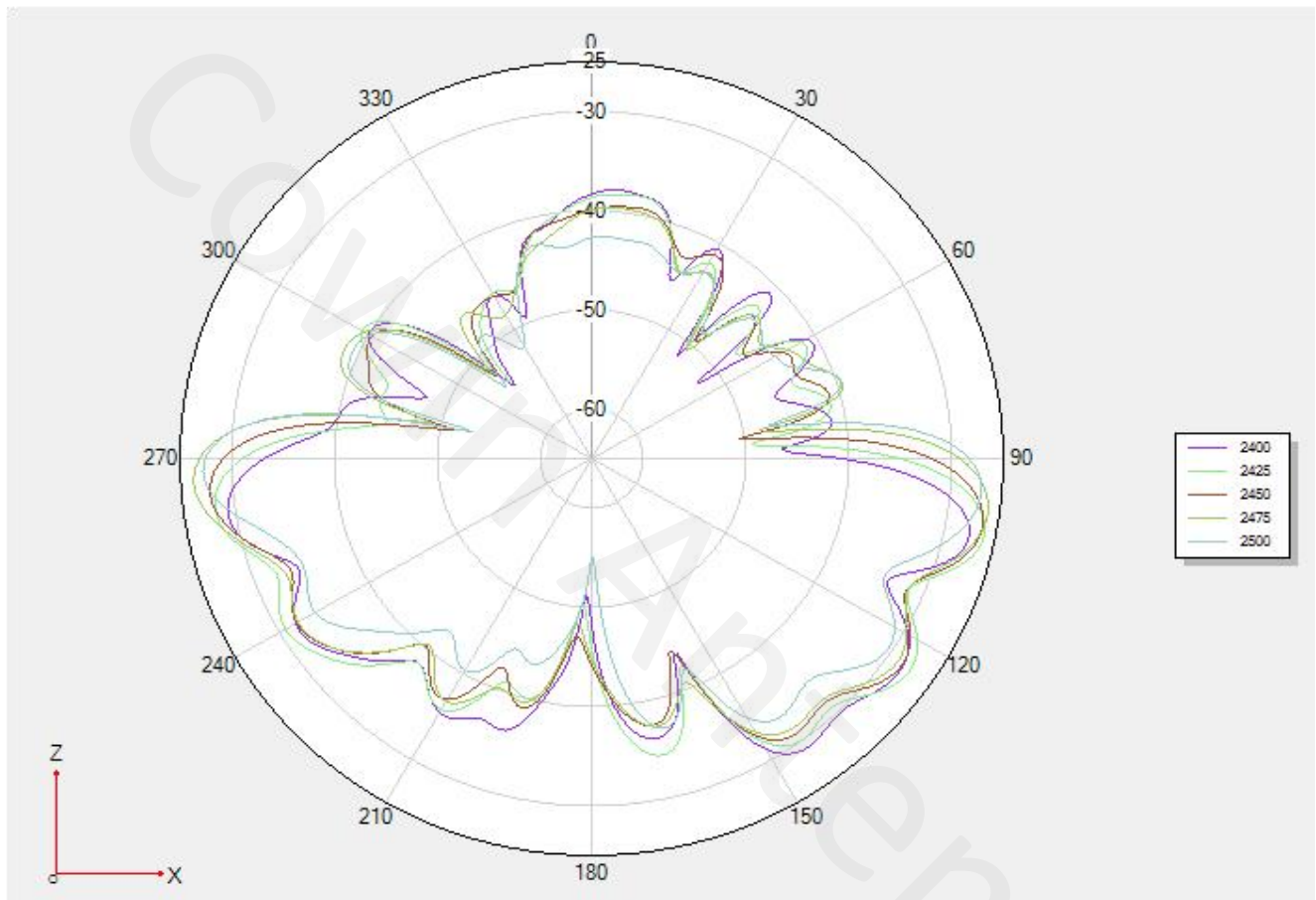
Peak Gain (connector-1)

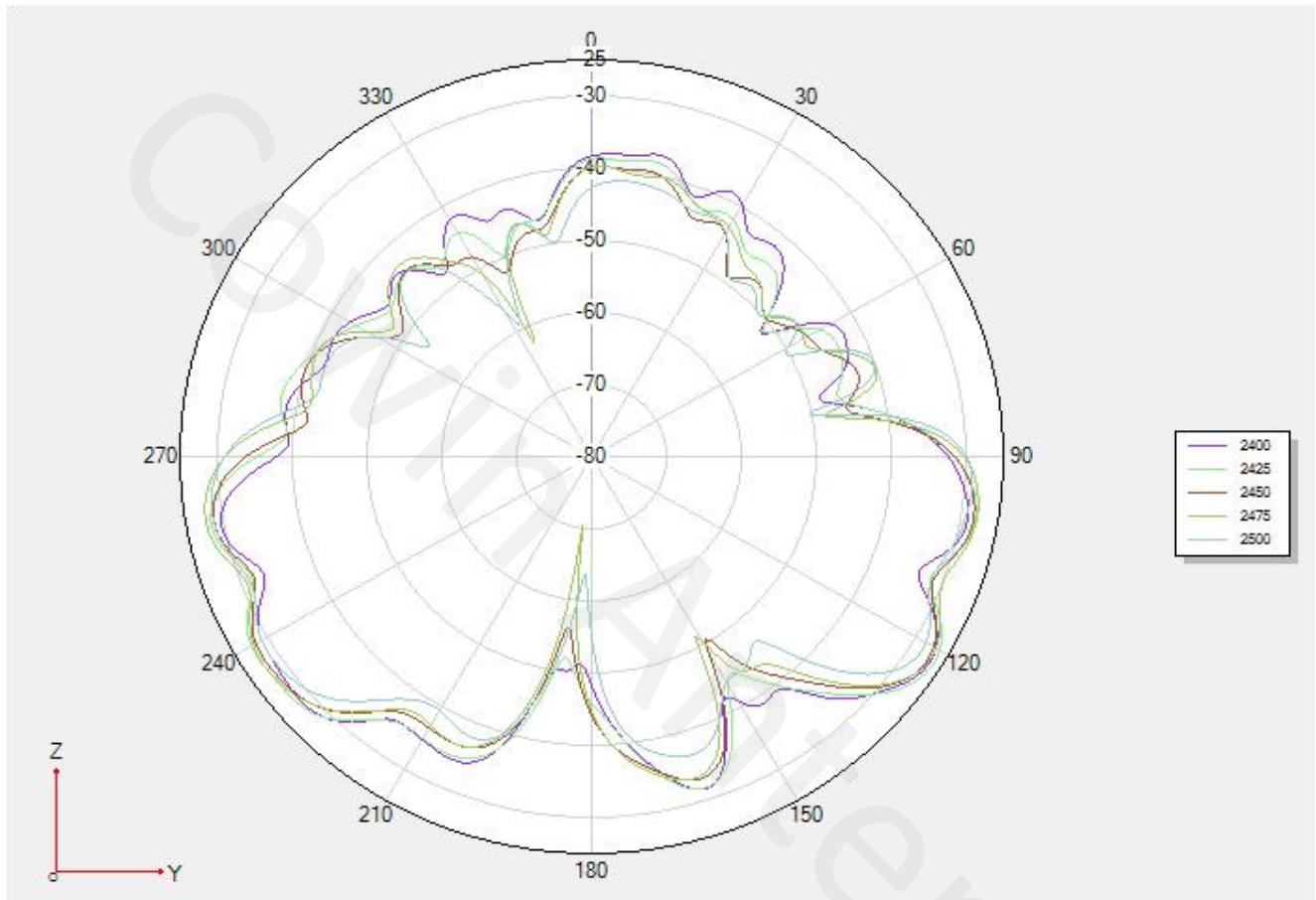
Frequency (MHz)	Max Gain (dBi)
2400	9.87
2425	9.97
2450	10.87
2475	10.25
2500	10.23

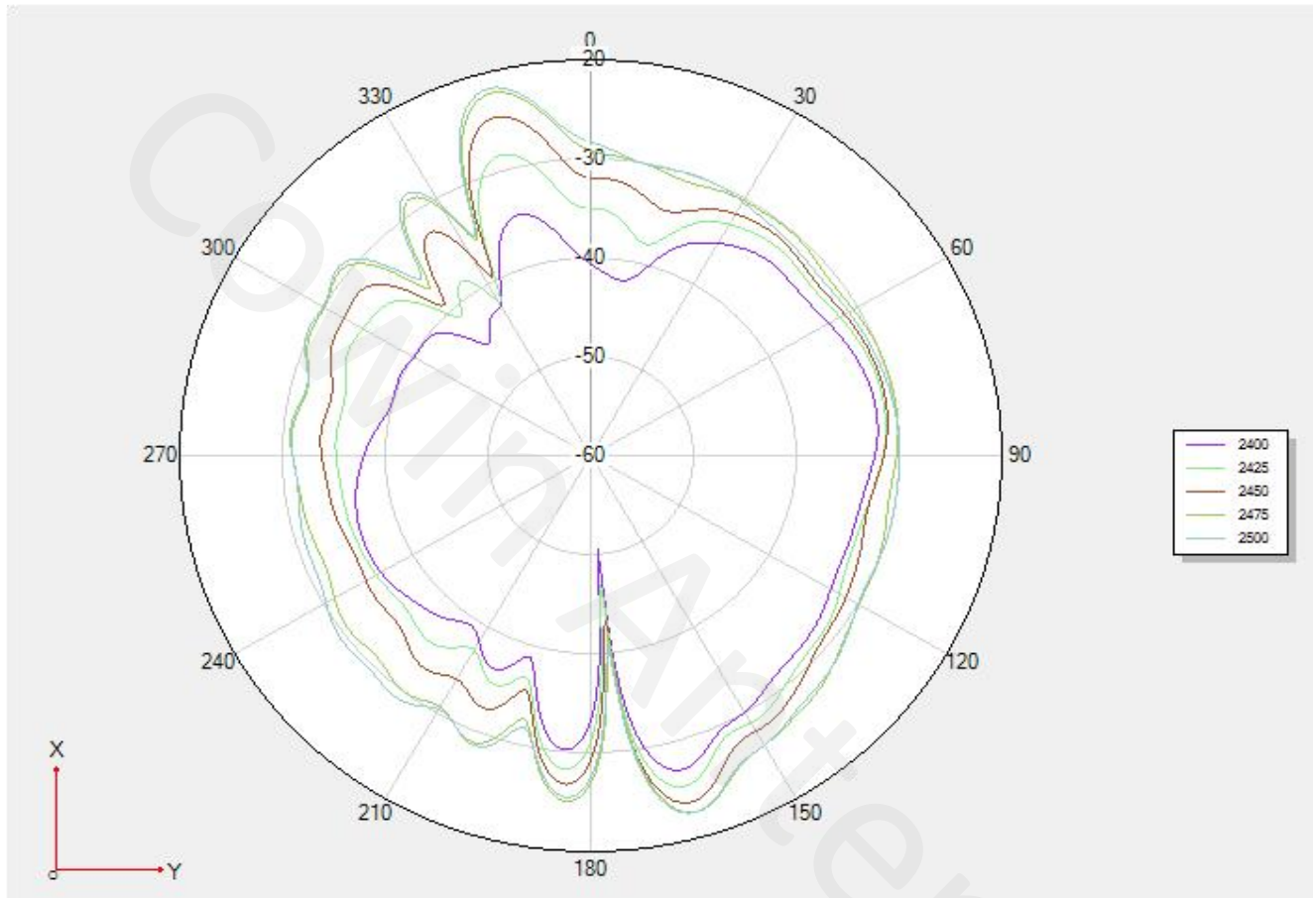
Peak Gain (connector-2)

Frequency (MHz)	Max Gain (dBi)
2400	10.02
2425	9.97
2450	10.35
2475	10.32
2500	10.15

2D Radiation Patterns (connector-1)







2D Radiation Patterns (connector-2)

