

10dBi 5.8GHz Mimo Omni PVC Antenna



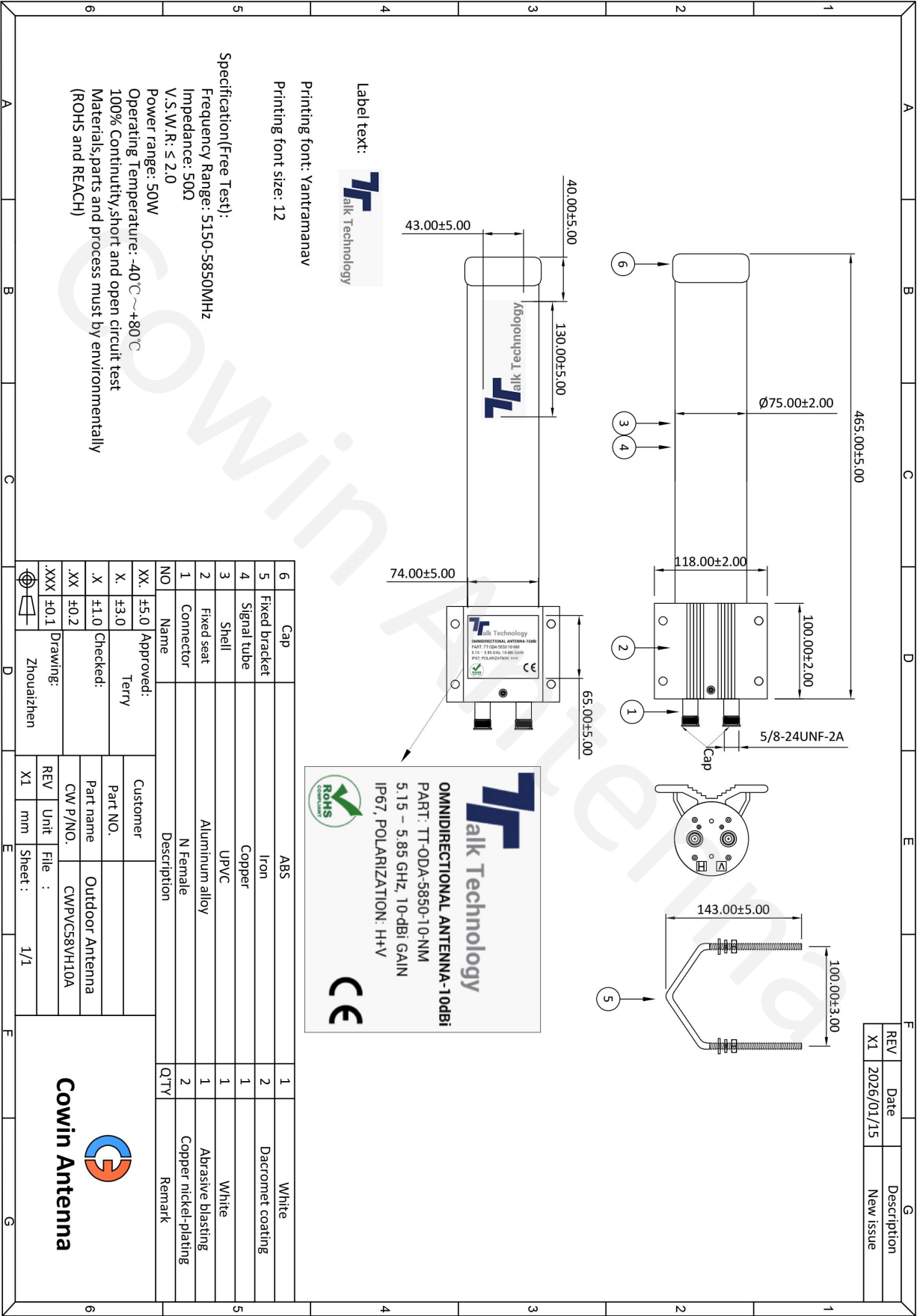
Electrical Specifications 电性指标

Part Number 料号	CWPVC58VH10A
Frequency Range 频率范围	5150-5850MHz
Bandwidth 带宽	700MHz
Peak Gain 峰值增益	10dBi
Radiation Direction 辐射方向	V: 10° / H: 360°Omni
Polarization 极化方式	Vertical /Horizontal
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	/
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

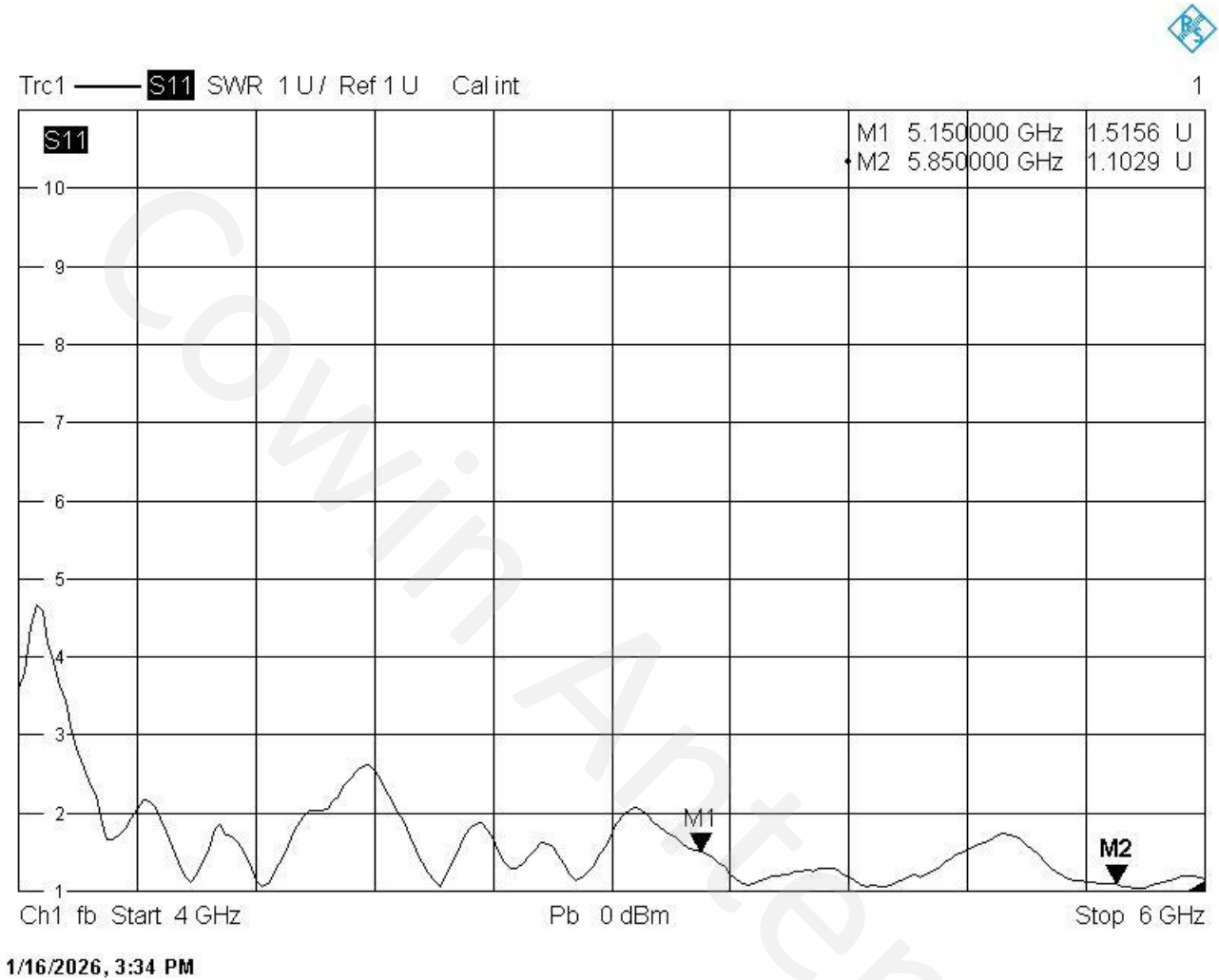
Mechanical Specifications 机械性能

Connector Type 接头类型	2*N Female
Connector Position 接头位置	Bottom
Cable type 线材类型	/
Antenna Size 天线尺寸	465*75MM
Antenna Weight 天线重量	1.7KG
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	50-90MM
Mounting Method 安装方式	Pole Mount
Mounting Model 安装件型号	CWBLG24VH10A/Aluminum profile sandblasting and oxidation
Environmental Standards 环保标准	ROHS/REACH

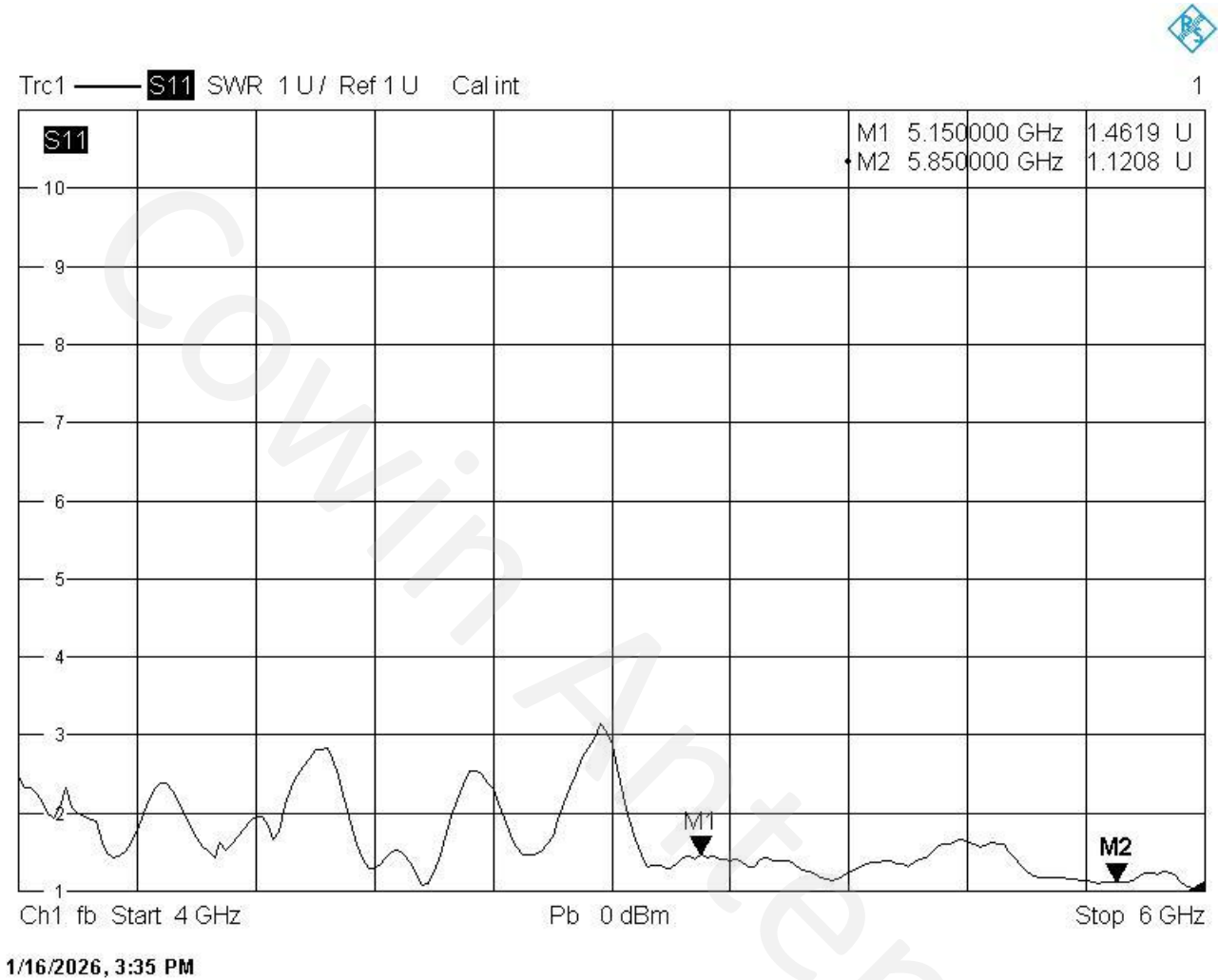




V.S.W.R (V)



V.S.W.R (H)



Efficiency (V)

Frequency (MHz)	Efficiency (%)
5150	55.71
5325	54.36
5500	63.15
5675	63.95
5850	62.27

Efficiency (H)

Frequency (MHz)	Efficiency (%)
5150	53.58
5325	59.02
5500	56.36
5675	63.24
5850	57.86

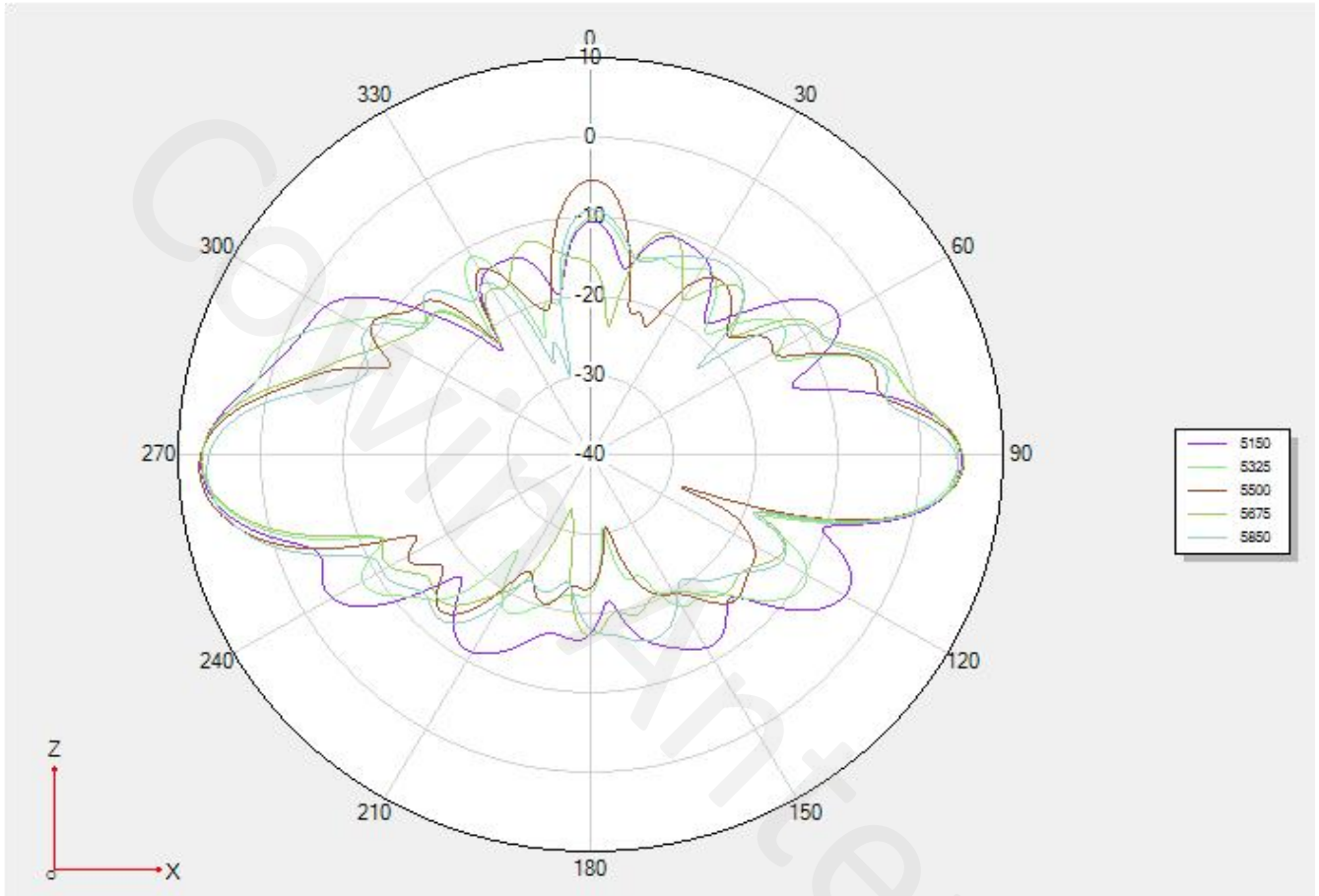
Peak Gain (V)

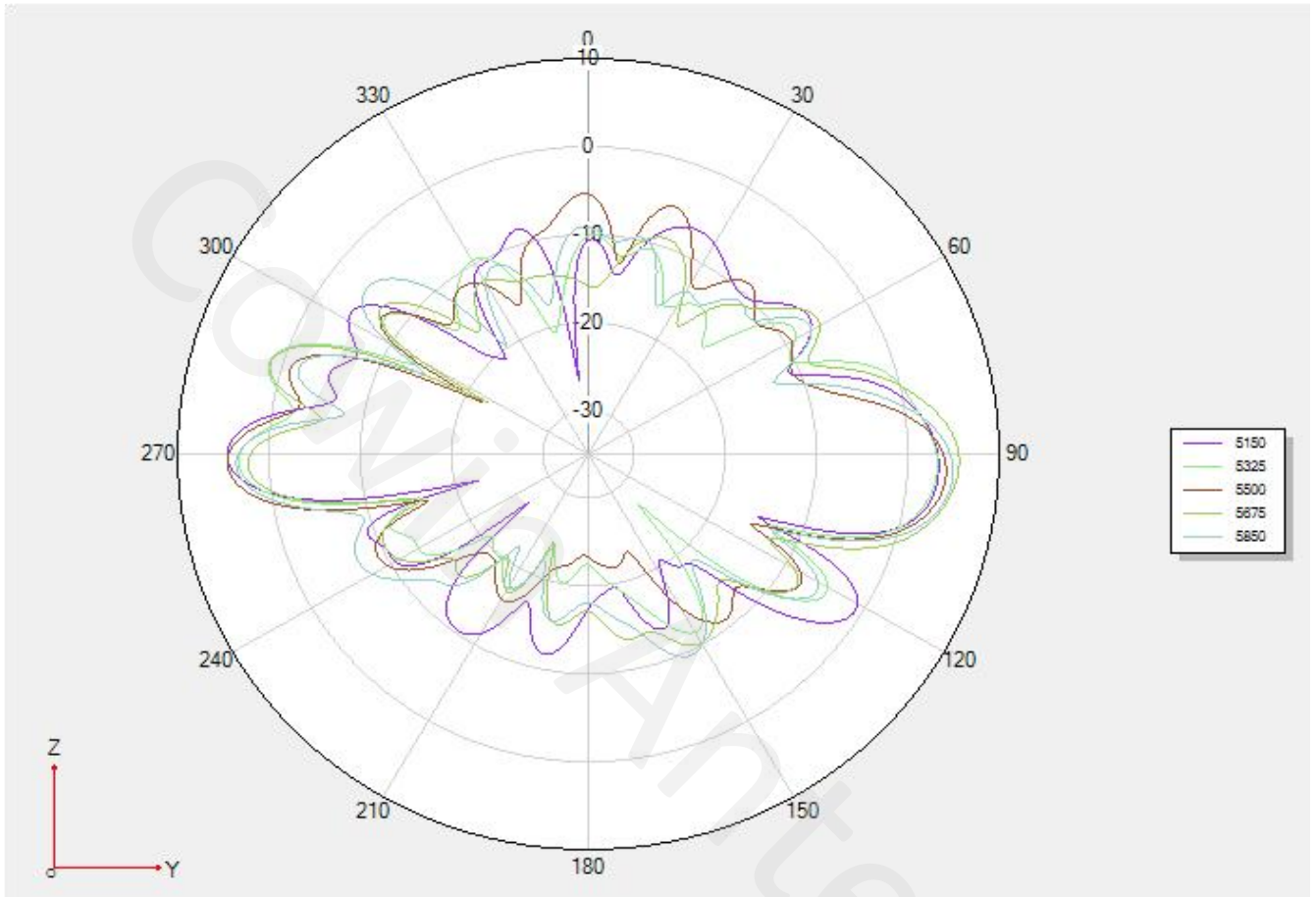
Frequency (MHz)	Max Gain (dBi)
5150	9.54
5325	9.58
5500	9.53
5675	9.47
5850	9.53

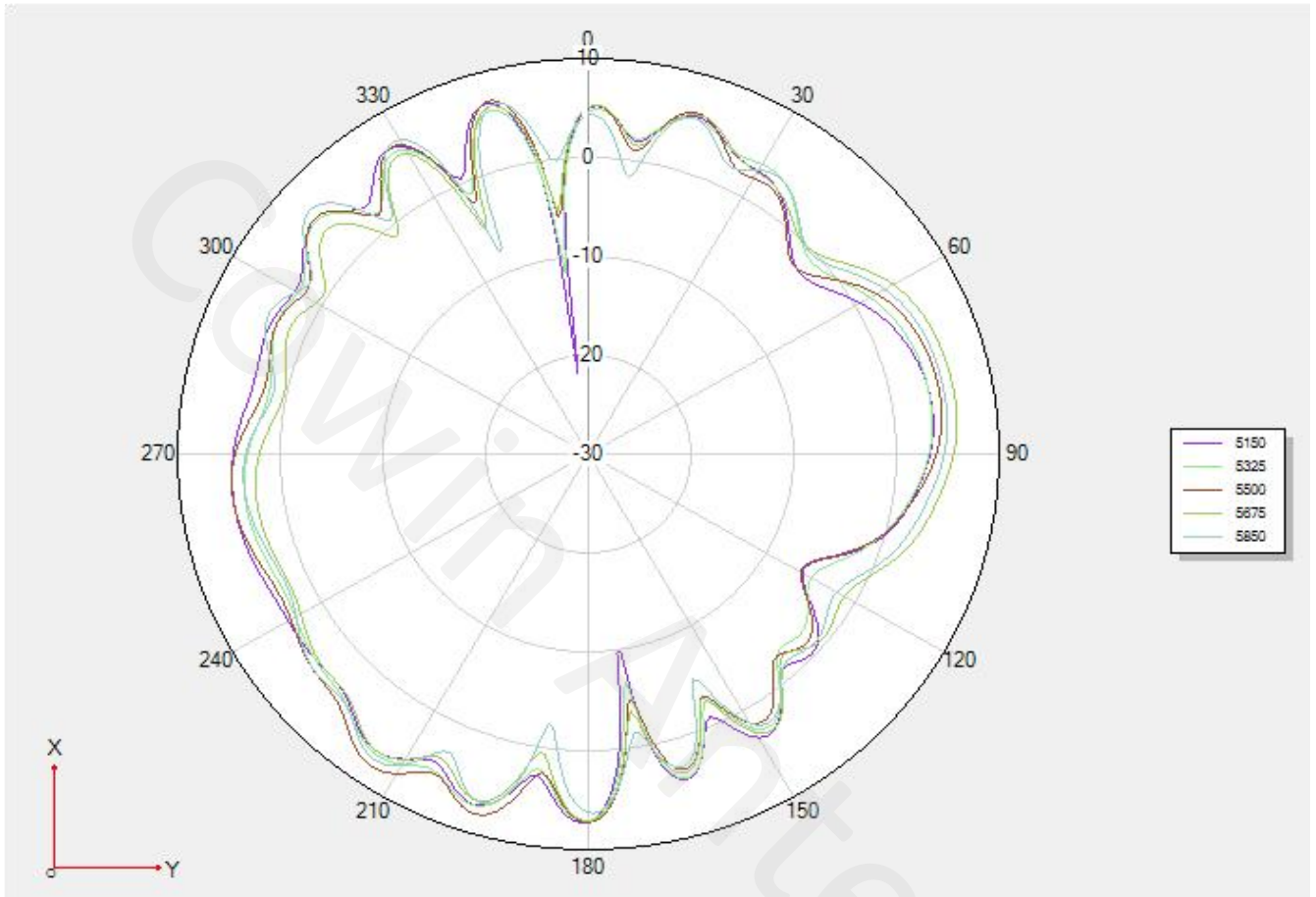
Peak Gain (H)

Frequency (MHz)	Max Gain (dBi)
5150	9.57
5325	9.67
5500	9.64
5675	9.56
5850	9.83

2D Radiation Patterns (V)







2D Radiation Patterns (H)

