

Brand/Model : JL3_Antenna 2402MHz,2440MHz,2480MHz

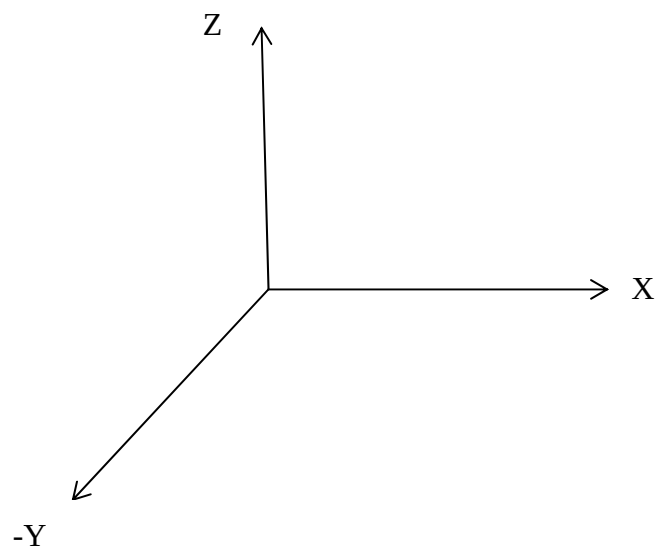
Antenna Type : PCB Antenna

Location : SATIMO StarLab

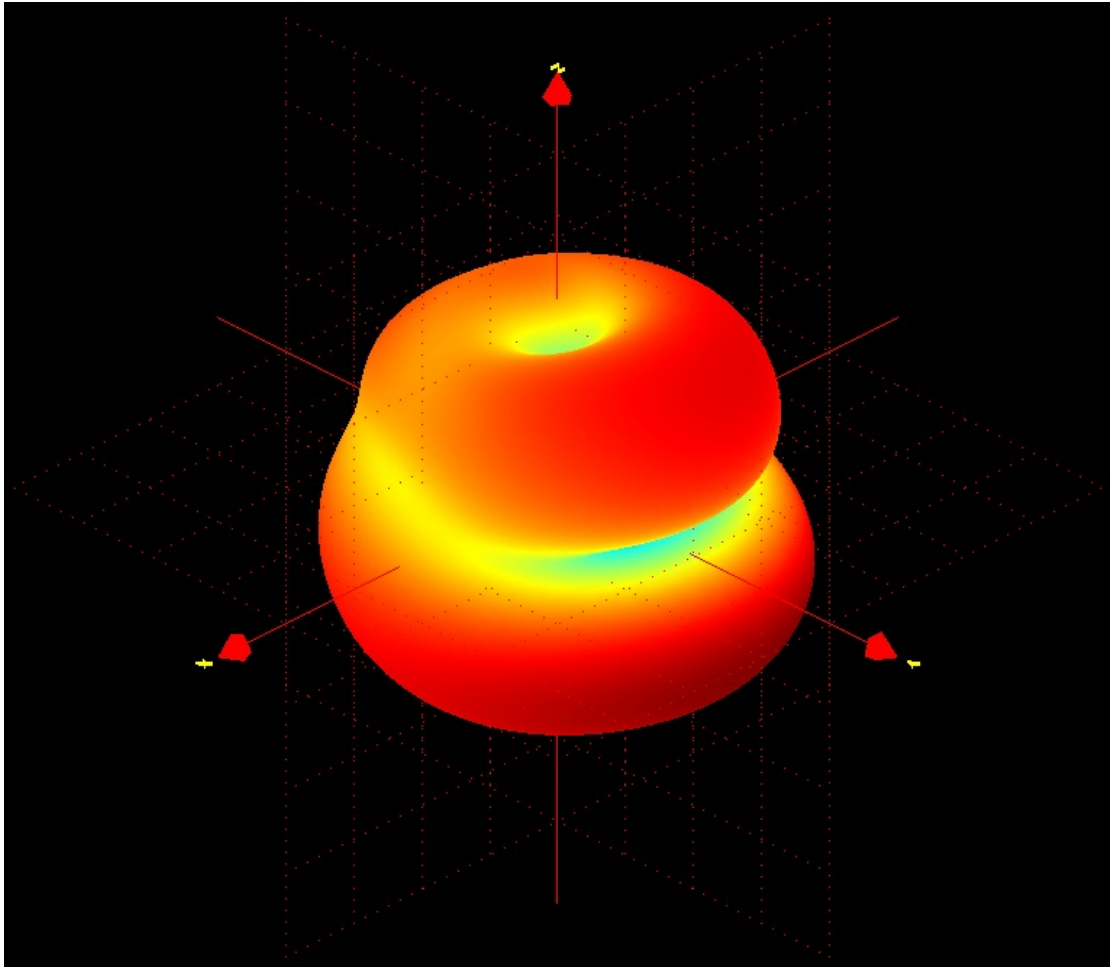
Date : 2017/08/01~2017/08/02 Temperature($^{\circ}\text{C}$) : 25

Humidity(%) : 60

Impedance(Ω) : 50	VSWR : ≤ 2.4
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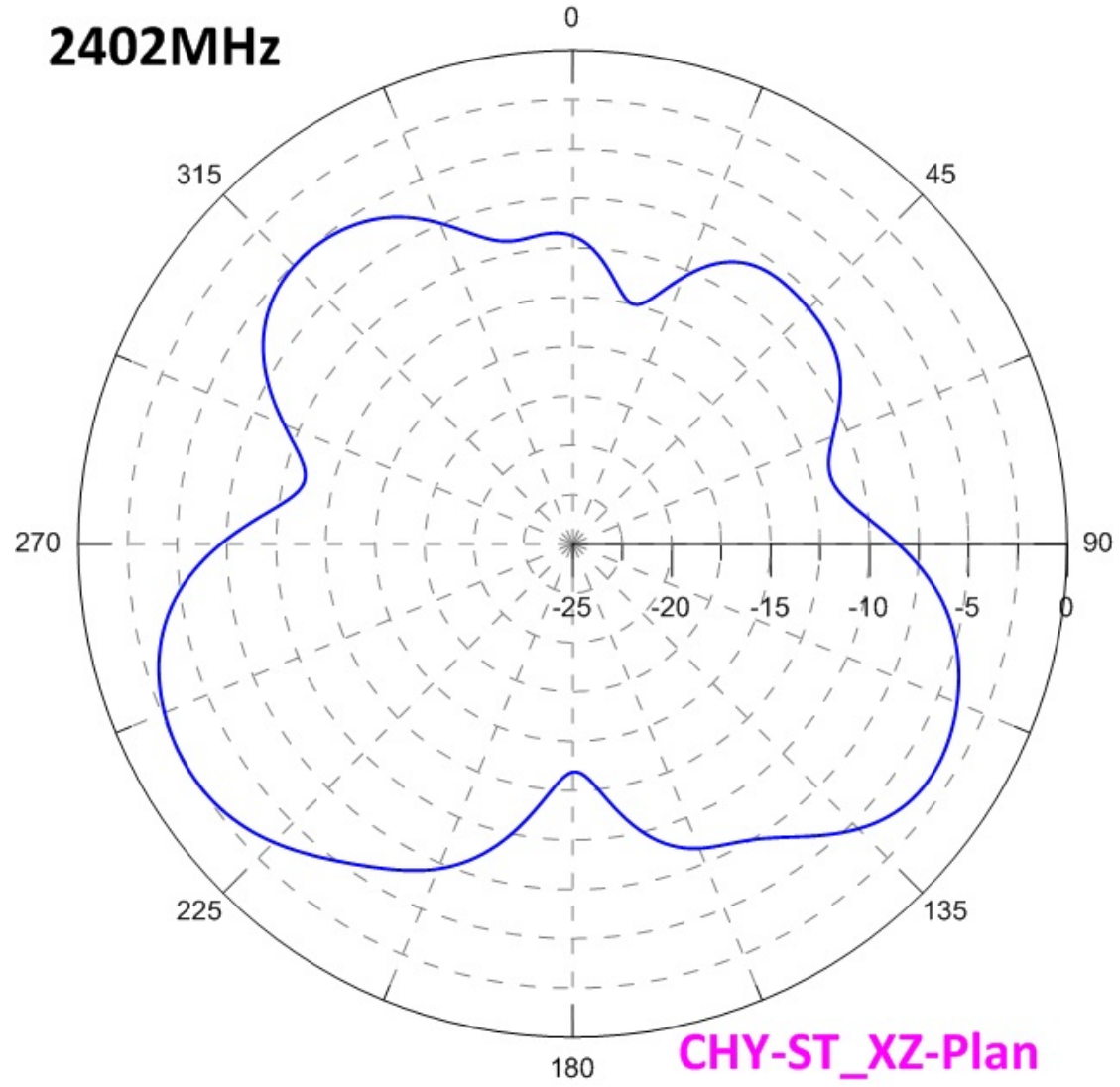


Frequency(MHz) : 2402	Field Type : 3D	No : JL3_Antenna
Maximum Gain(dBi) : -0.38	Maximum Direction(degree) : Phi: 0, Theta: -120	
Minimum Gain(dBi): -14.6	Minimum Direction(degree) : Phi: 0.47, Theta : 13	
Average Gain(dBi) : -7.68	Efficiency(%) : 26.6	

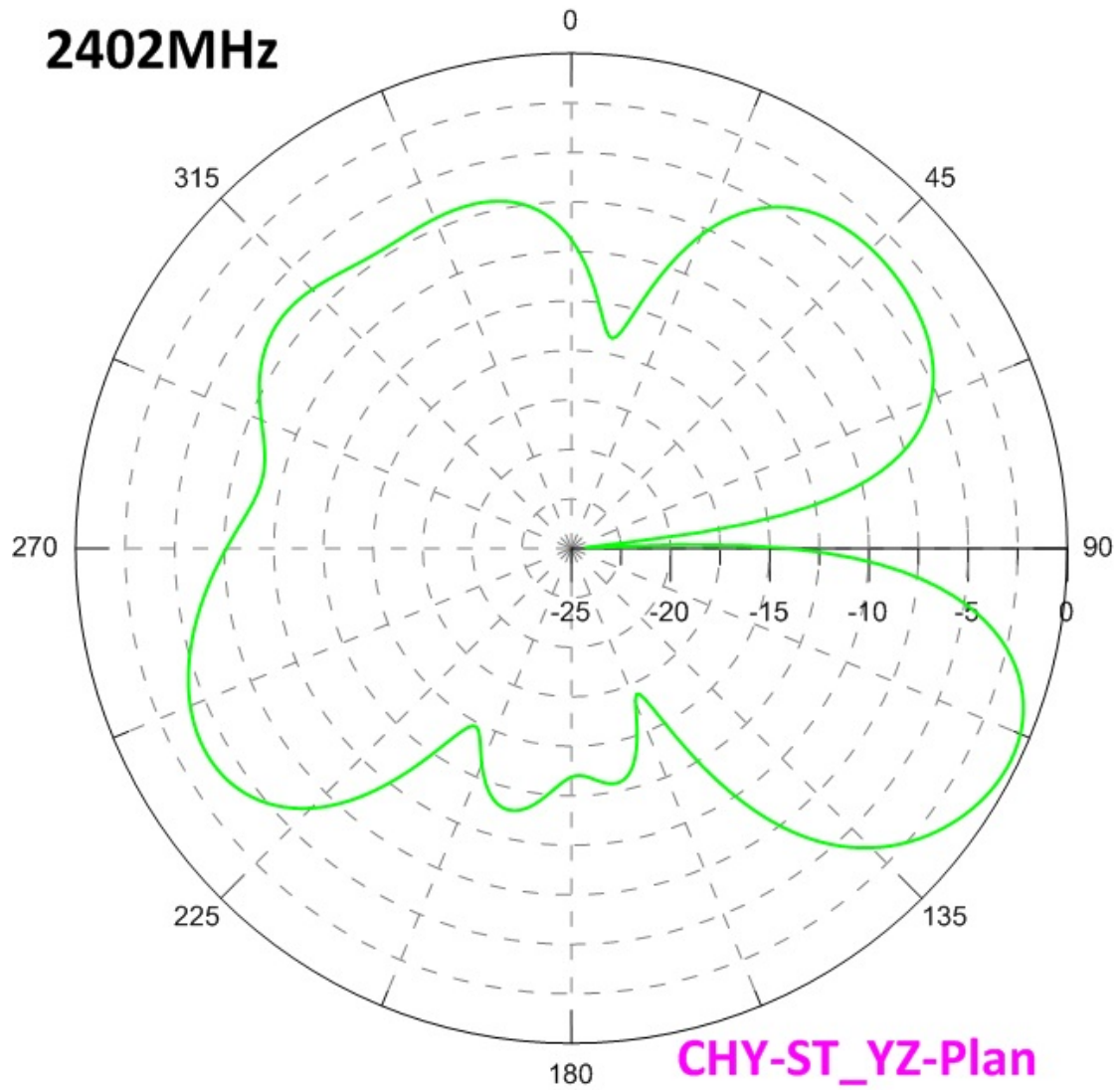


(3D)

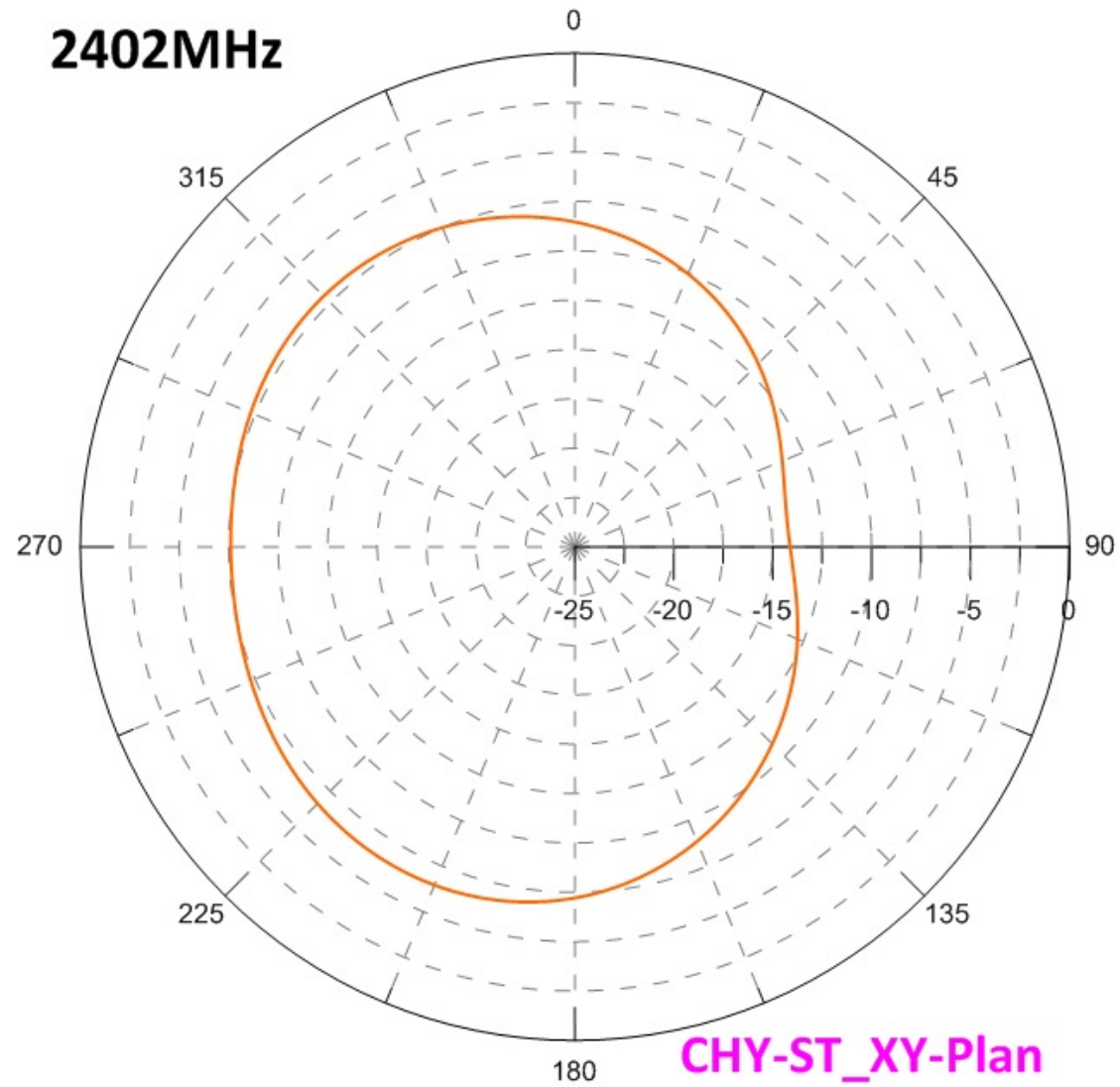
Frequency(MHz) : 2402	Field Type : 2D(XZ)
Maximum Gain(dBi) : -2.4	Maximum Direction(degree) : -120
Minimum Gain(dBi) : -13.4	Minimum Direction(degree) : 179



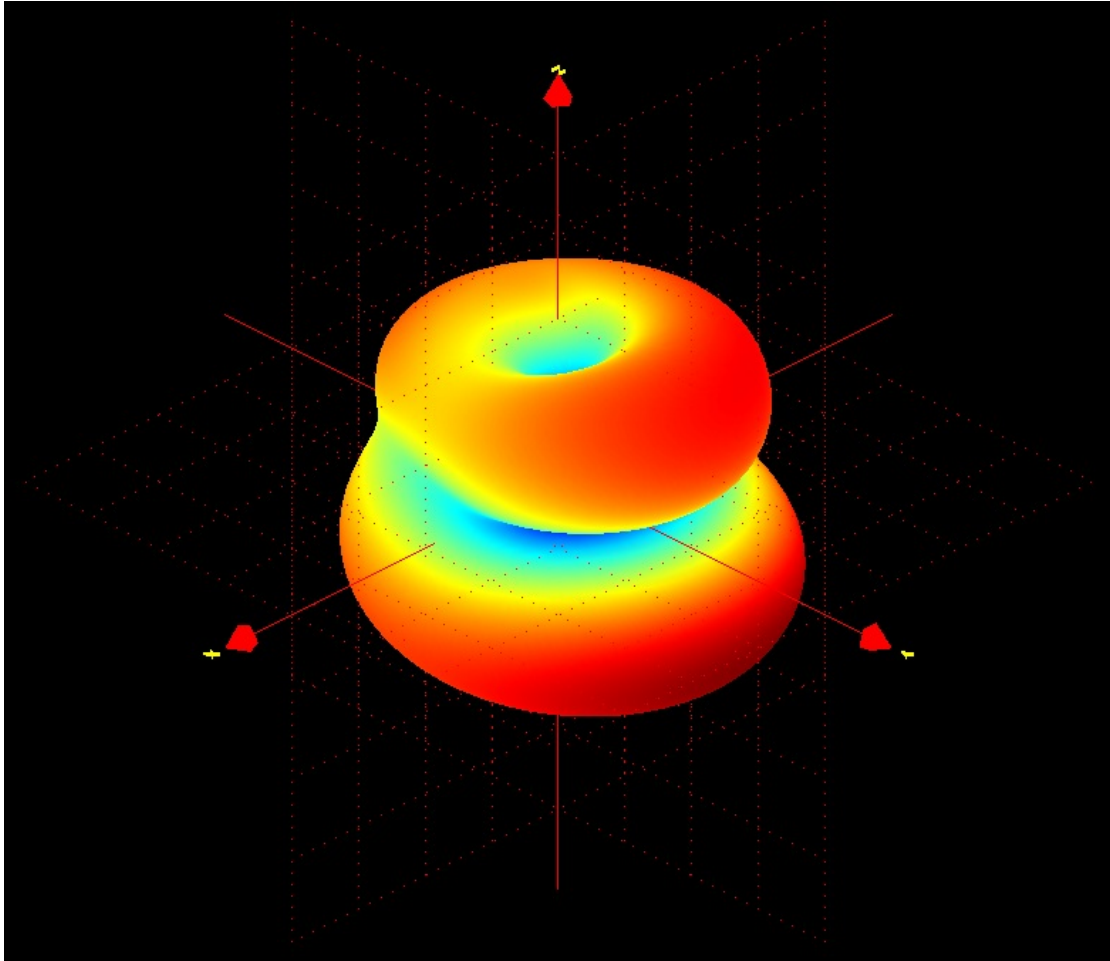
Frequency(MHz) : 2402	Field Type Type : 2D(YZ)
Maximum Gain(dBi) : -0.38	Maximum Direction(degree) : 81
Minimum Gain(dBi) : -31.5	Minimum Direction(degree) : 116



Frequency(MHz) : 2402	Field Type Type : 2D(XY)
Maximum Gain(dBi) : -6.4	Maximum Direction(degree) : 209
Minimum Gain(dBi) : -14.1	Minimum Direction(degree) : 84



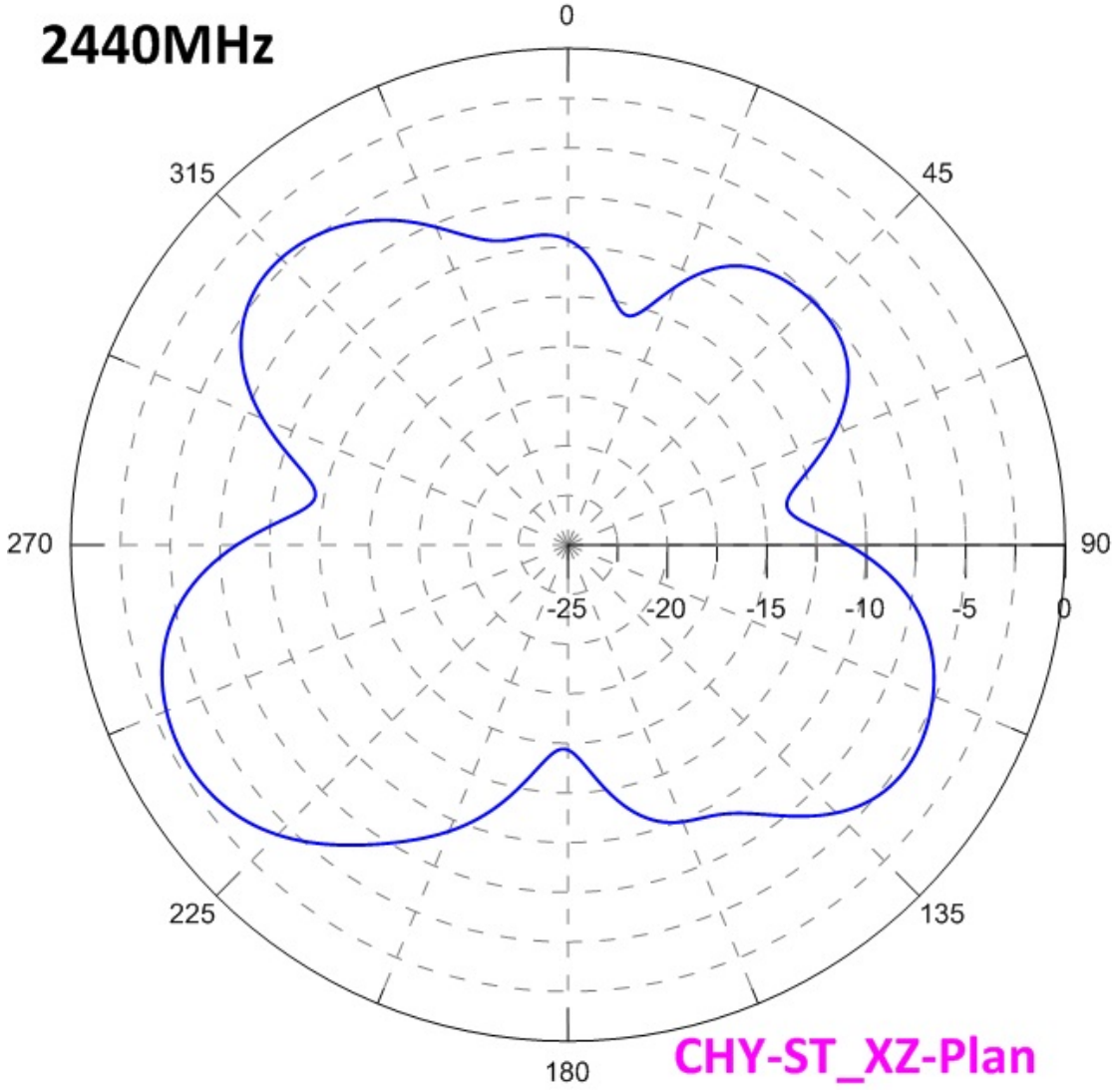
Frequency(MHz) : 2440	Field Type : 3D	No : JL3_Antenna
Maximum Gain(dBi) : -1.13	Maximum Direction(degree) : Phi:1.7,Theta:-1.1	
Minimum Gain(dBi) : -21.4	Minimum Direction(degree) : Phi: 1.1,Theta:-26.4	
Average Gain(dBi) : -8.27	Efficiency(%) : 23	



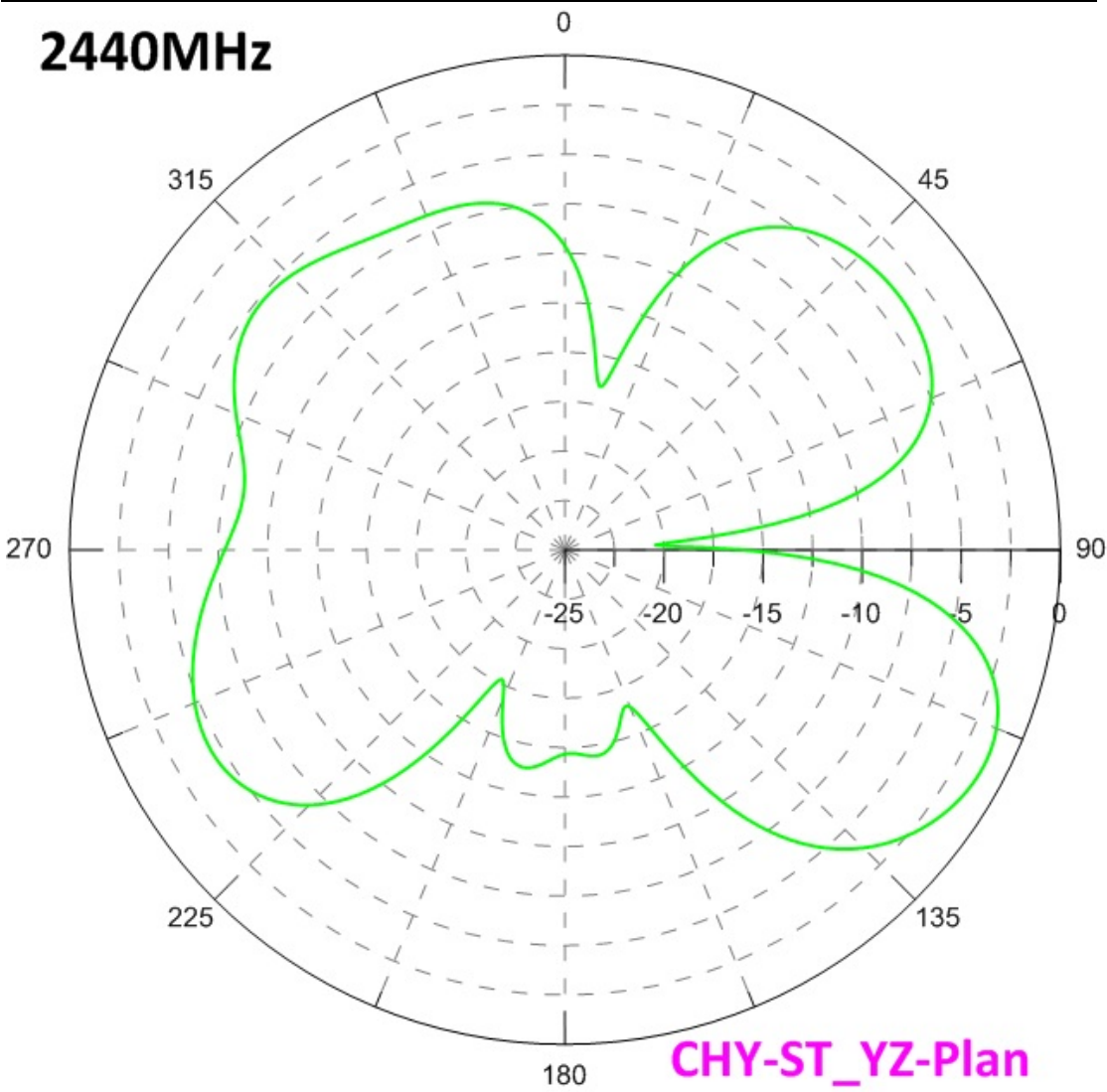
(3D)

Frequency(MHz) : 2440	Field Type : 2D(XZ)
Maximum Gain(dBi) : -2.93	Maximum Direction(degree) : -119
Minimum Gain(dBi) : -14.7	Minimum Direction(degree) : -179

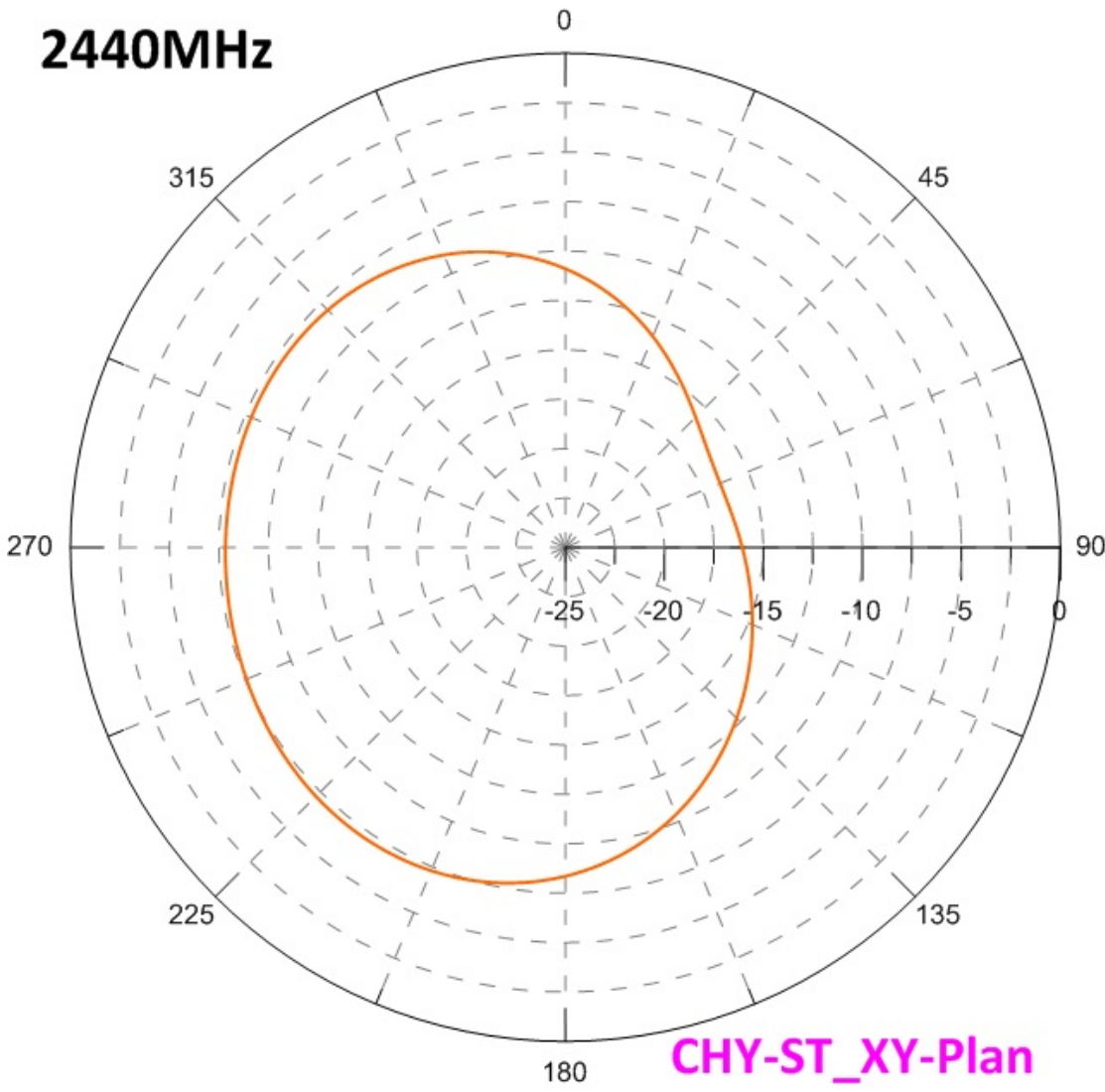
2440MHz



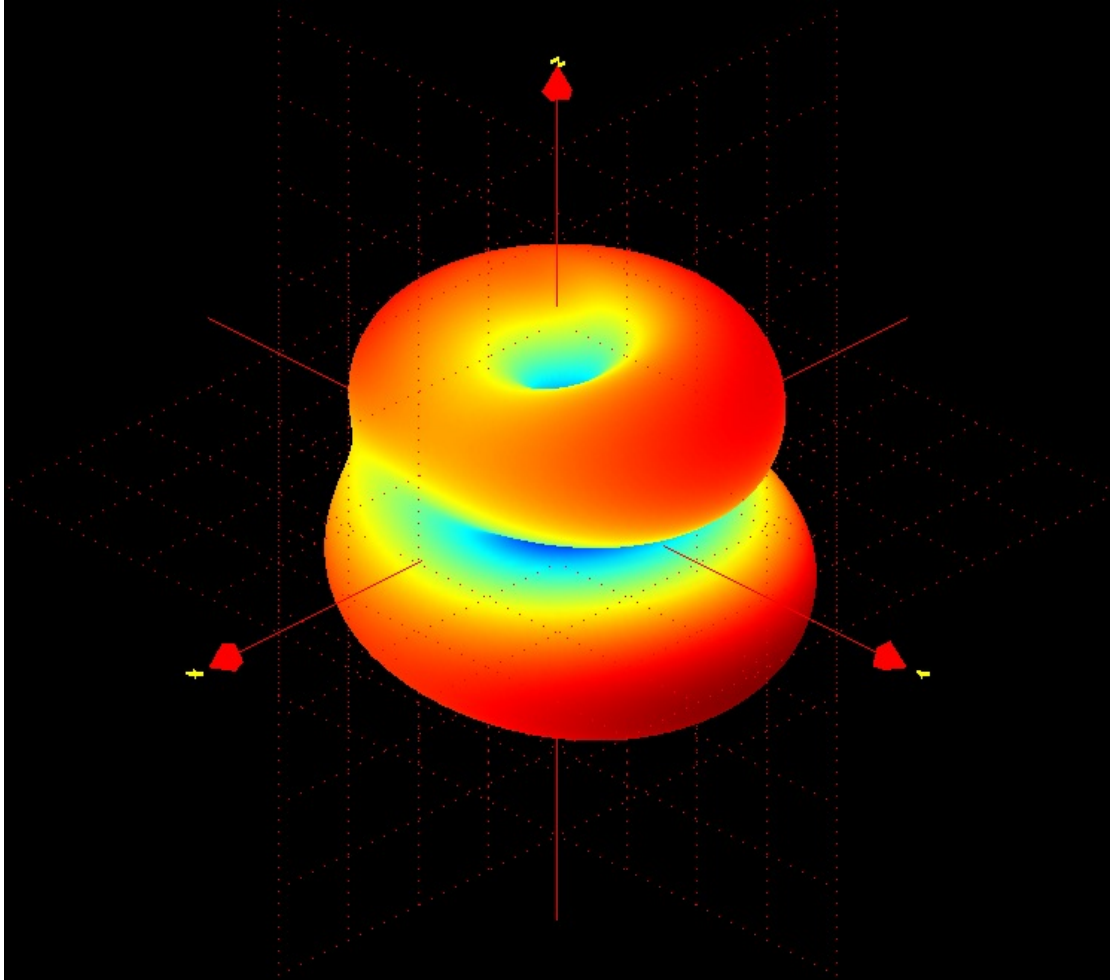
Frequency(MHz) : 2440	Field Type : 2D(YZ)
Maximum Gain(dBi) : -1.2	Maximum Direction(degree) : 117
Minimum Gain(dBi) : -20.4	Minimum Direction(degree) : 87



Frequency(MHz) : 2440	Field Type : 2D(XY)
Maximum Gain(dBi) : -7.1	Maximum Direction(degree) : 217
Minimum Gain(dBi) : -16.5	Minimum Direction(degree) : 69

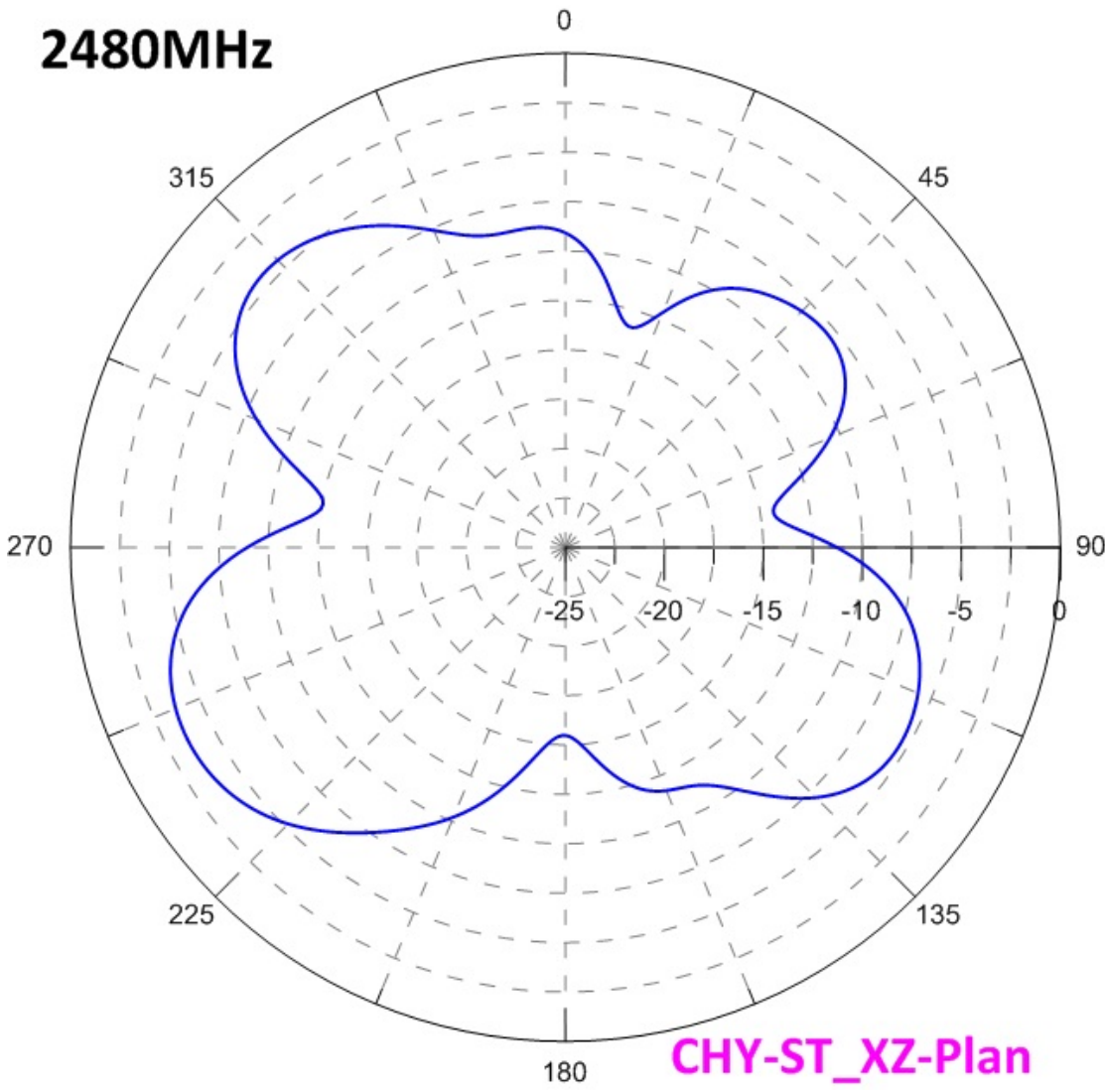


Frequency(MHz) : 2480	Field Type : 3D	No : JL3_Antenna
Maximum Gain(dBi) : -1.78	Maximum Direction(degree) : Phi: 1.76 , Theta:-28.1	
Minimum Gain(dBi) : -23.7	Minimum Direction(degree) : Phi: 0.89, Theta:-29.7	
Average Gain(dBi) :	Efficiency(%) :	

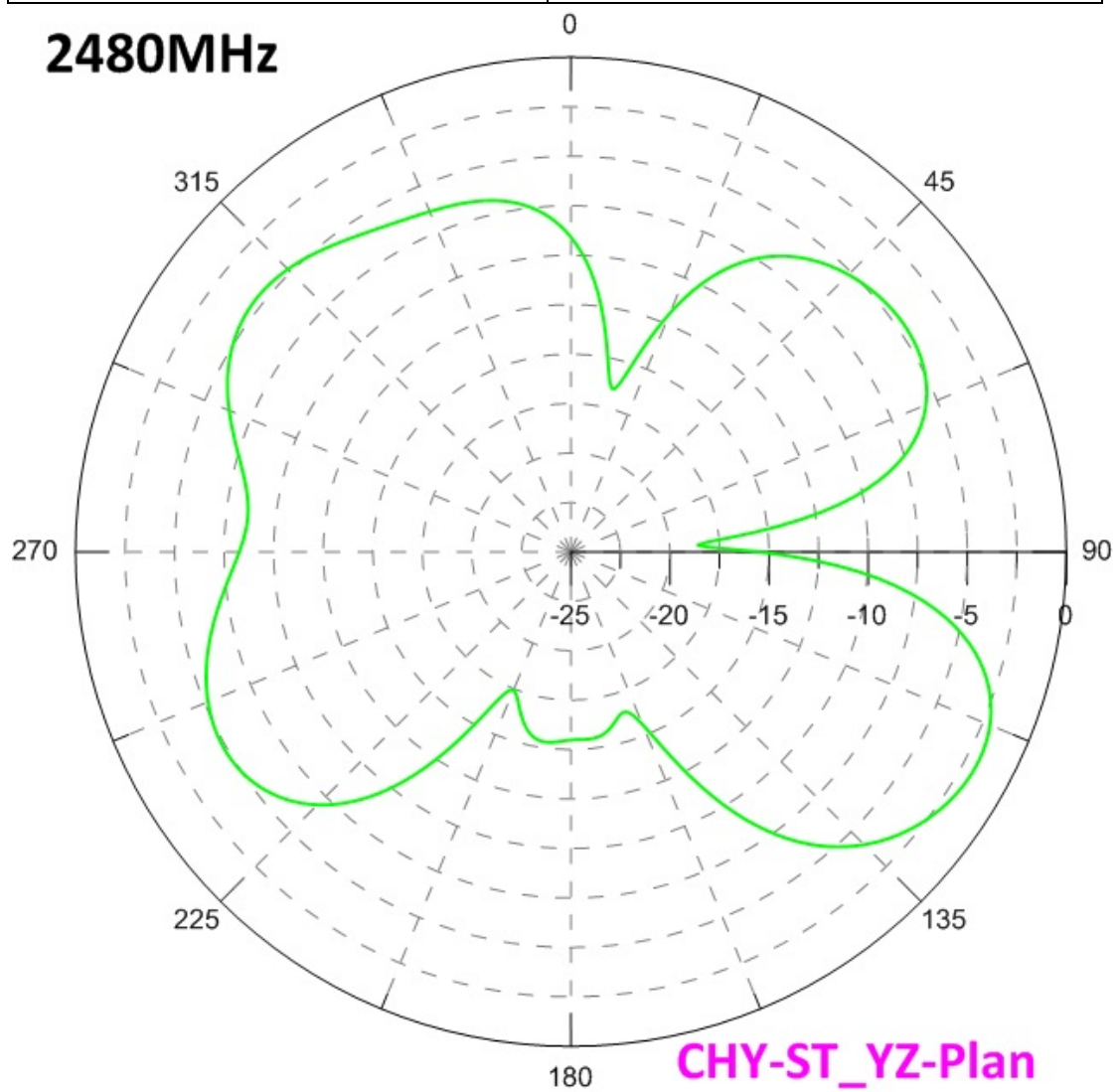


(3D)

Frequency(MHz) : 2480	Field Type : 2D(XZ)
Maximum Gain(dBi) : -3.5	Maximum Direction(degree) : -117
Minimum Gain(dBi) : -15.4	Minimum Direction(degree) : 180



Frequency(MHz) : 2480	Field Type : 2D(YZ)
Maximum Gain(dBi) : -1.8	Maximum Direction(degree) : 118
Minimum Gain(dBi) : -18.5	Minimum Direction(degree) : 87



Frequency(MHz) : 2480	Field Type : 2D(XY)
Maximum Gain(dBi) : -7.6	Maximum Direction(degree) : 218
Minimum Gain(dBi) : -16.4	Minimum Direction(degree) : 60

