

# Optimized Crossed Dipole Disk with .25 in Cyl Elements

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*C:/Dale Ferguson Feed*  
2019-02-11 22:23

# Crossed Dipole Feed Ref 4ft Dia .25 in Cyl Elements Opt2\_optimum1

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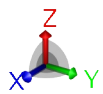
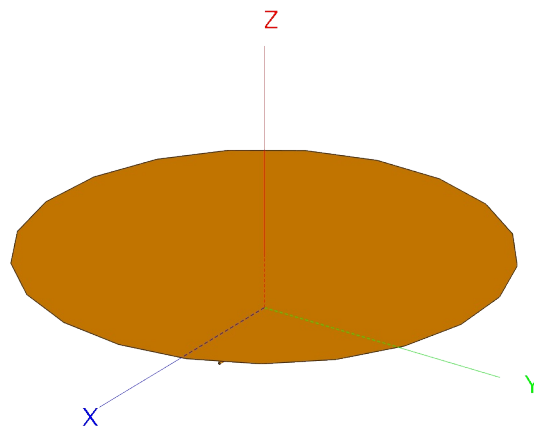


Figure 1: 3D View

# Excitation

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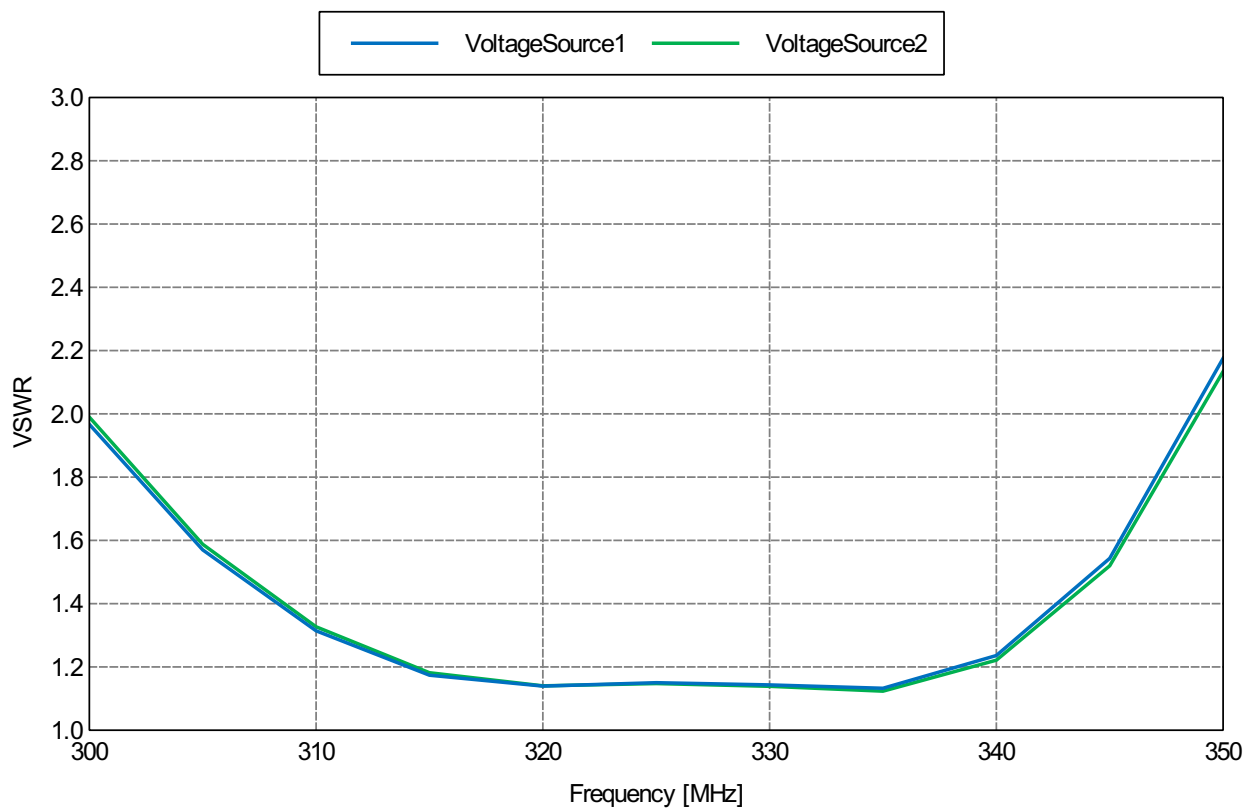


Figure 2: VSWR - Crossed Dipole Feed Ref 4ft Dia .25 in Cyl Elements Opt2\_optimum

# Excitation

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Figure 3: Reflection coefficient Magnitude - Crossed Dipole Feed Ref 4ft Dia .25 in Cyl Elements Opt2\_optimum

# Far field

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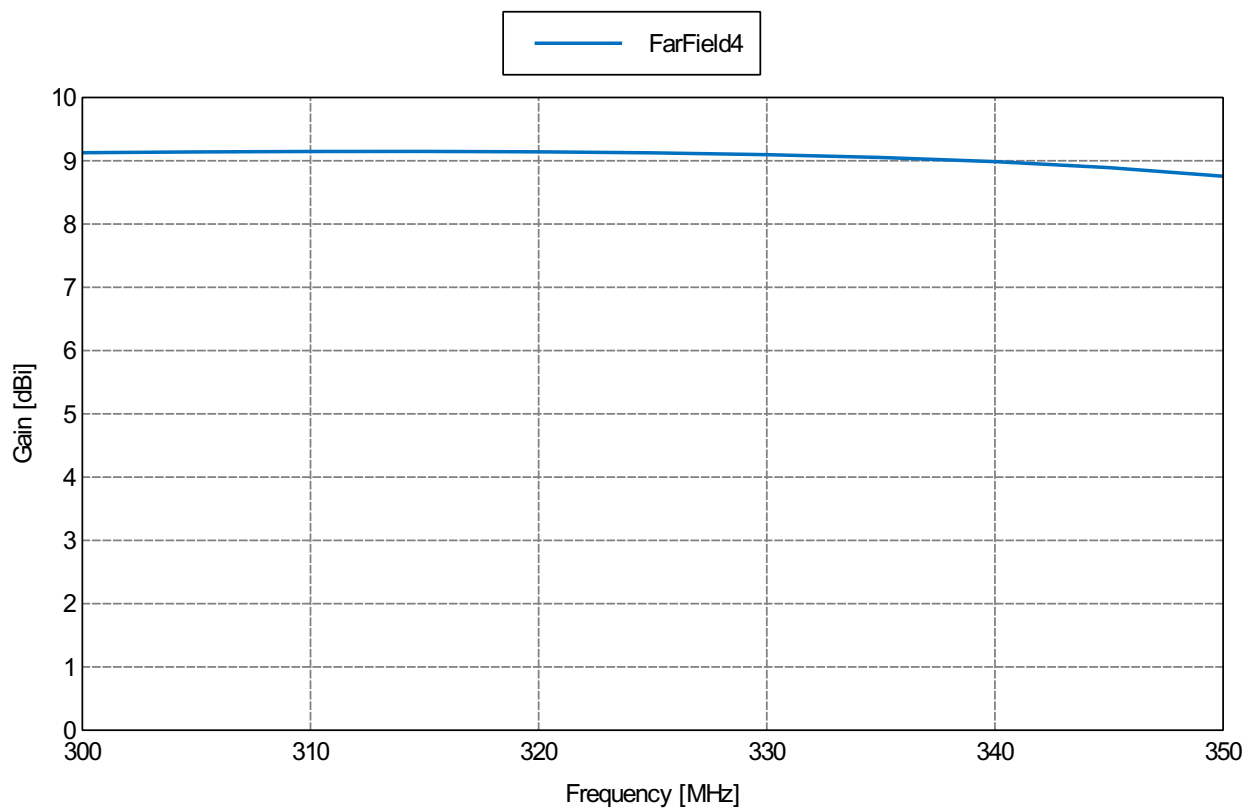


Figure 4: Total Gain [dBi] (Theta = 180 deg; Phi = 0 deg) - Crossed Dipole Feed Ref 4ft Dia .25 in Cyl Elements Opt2\_optimum

# Far field

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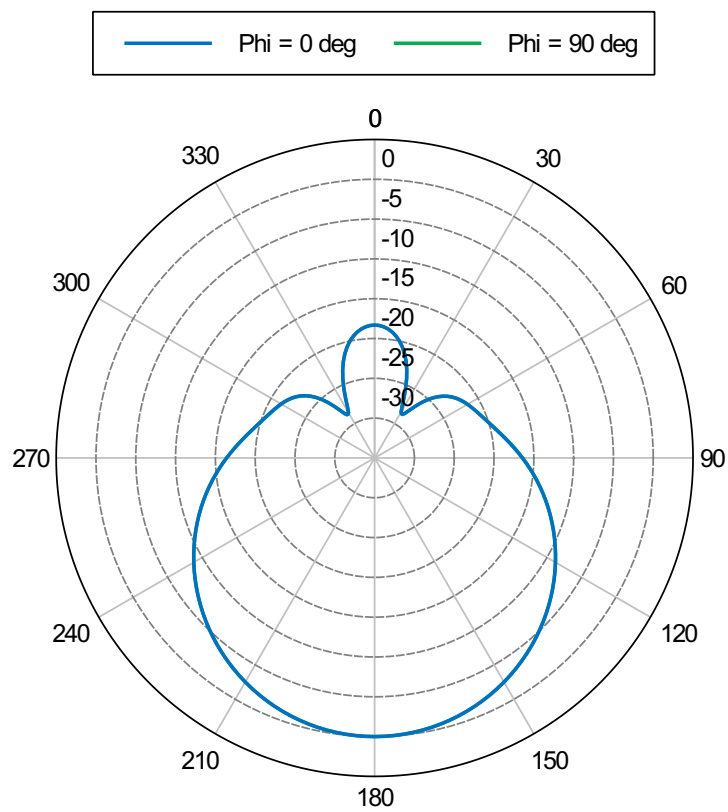


Figure 5: Total Gain (Frequency = 325 MHz) - Crossed Dipole Feed Ref 4ft Dia .25 in Cyl Elements  
Opt2\_optimum