

# Gain vs Tilt Angle of Feed 30 10 5 deg down 5 10 30 deg up

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*C:/Dale Ferguson Feed*  
2019-02-13 13:12

# Feed Ref 4ft Dia .5 in El Dish 22 Deg Ht Opt 421.6ft 327 MHz +30 deg down1

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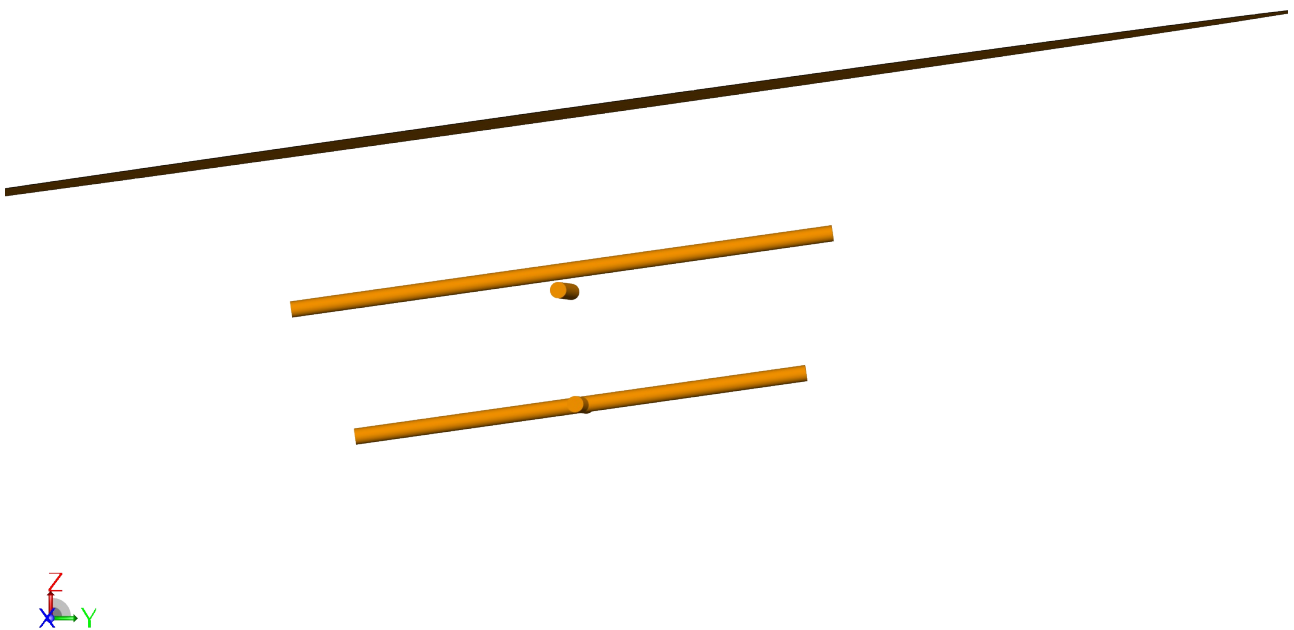


Figure 1: 3D View

# Feed Ref 4ft Dia .5 in El Dish 22 Deg Ht Opt 421.6ft 327 MHz +10 deg dowb1

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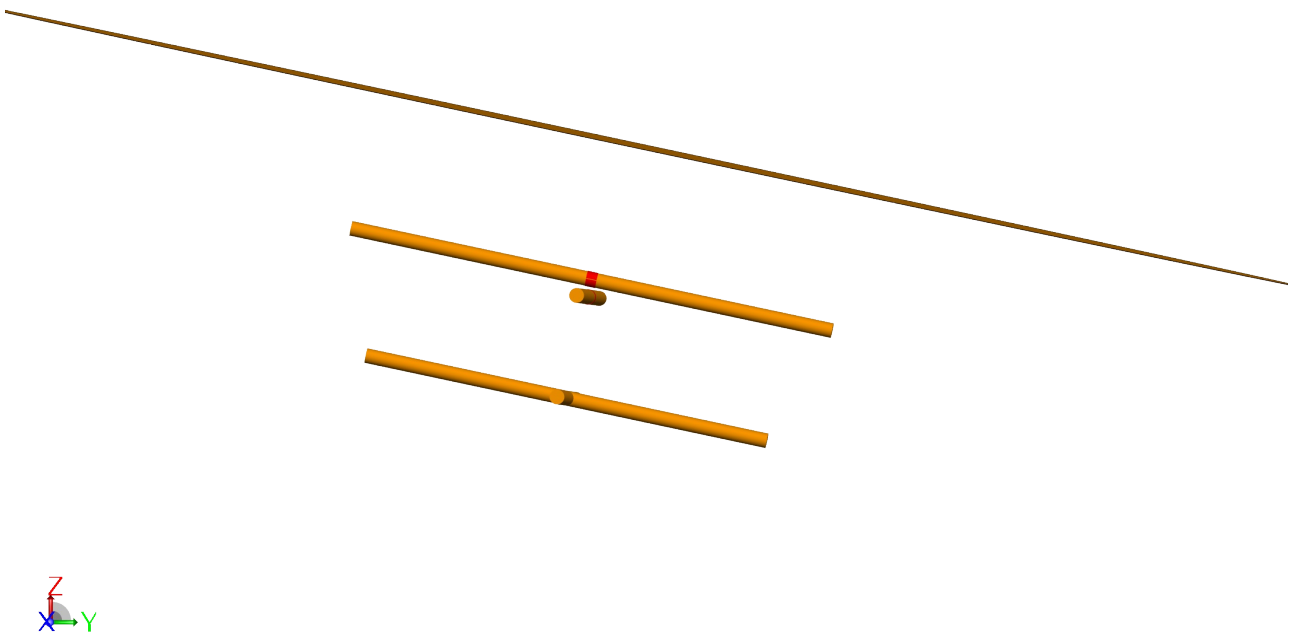


Figure 2: 3D View

# Feed Ref 4ft Dia .5 in El Dish 22 Deg Ht Opt 421.6ft 327 MHz +5 deg down1

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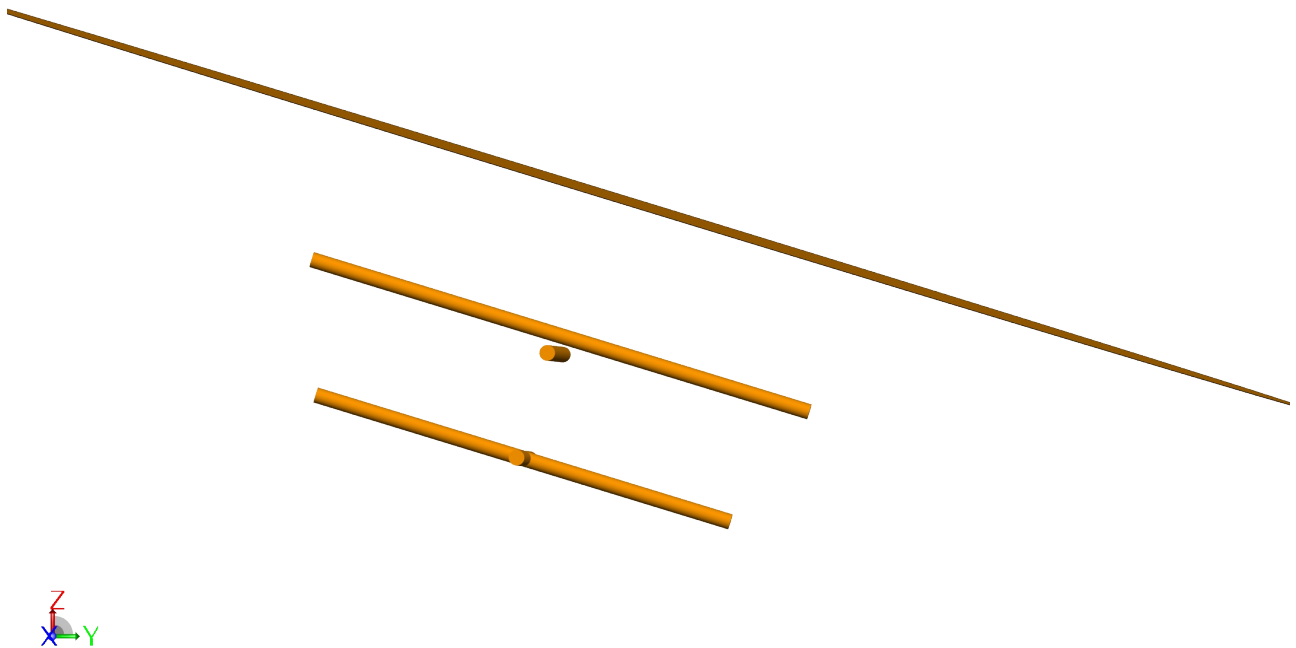


Figure 3: 3D View

# Feed Ref 4ft Dia .5 in El Dish 22 Deg Ht Opt 421.6ft 327 MHz +5 deg up1

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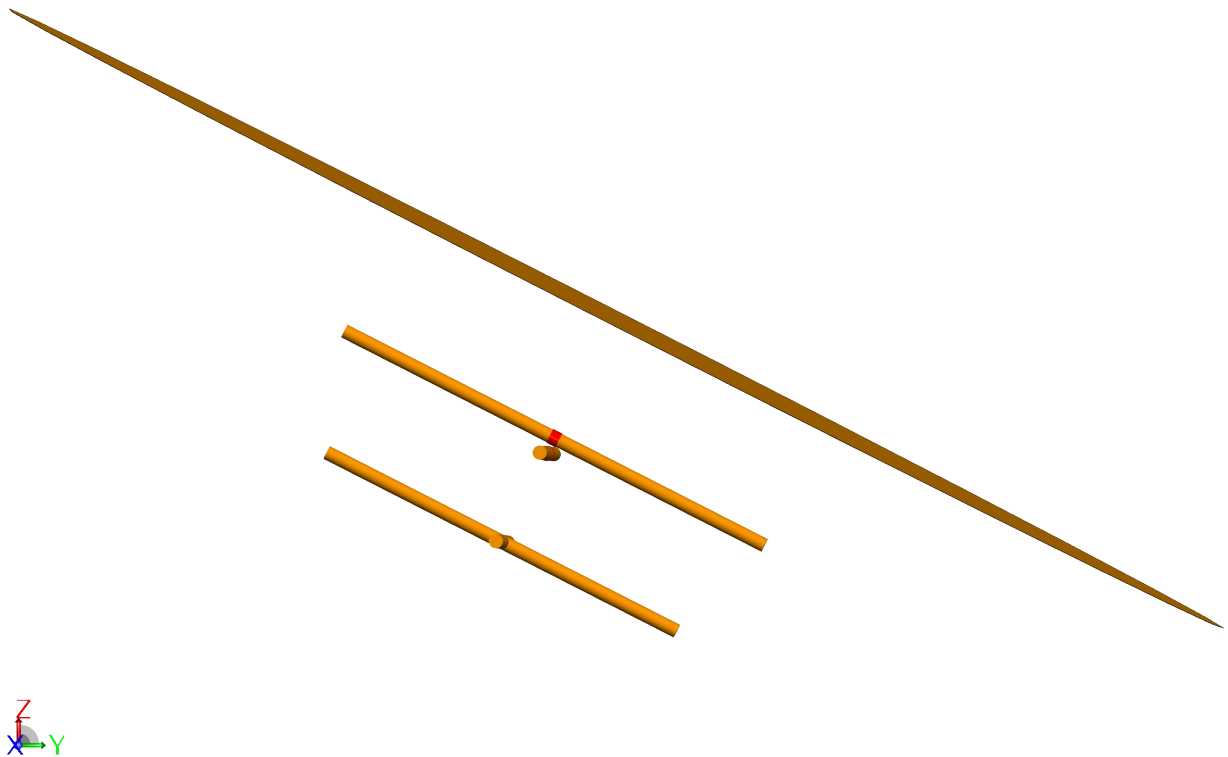


Figure 4: 3D View

# Feed Ref 4ft Dia .5 in El Dish 22 Deg Ht Opt 421.6ft 327 MHz +10 deg up1

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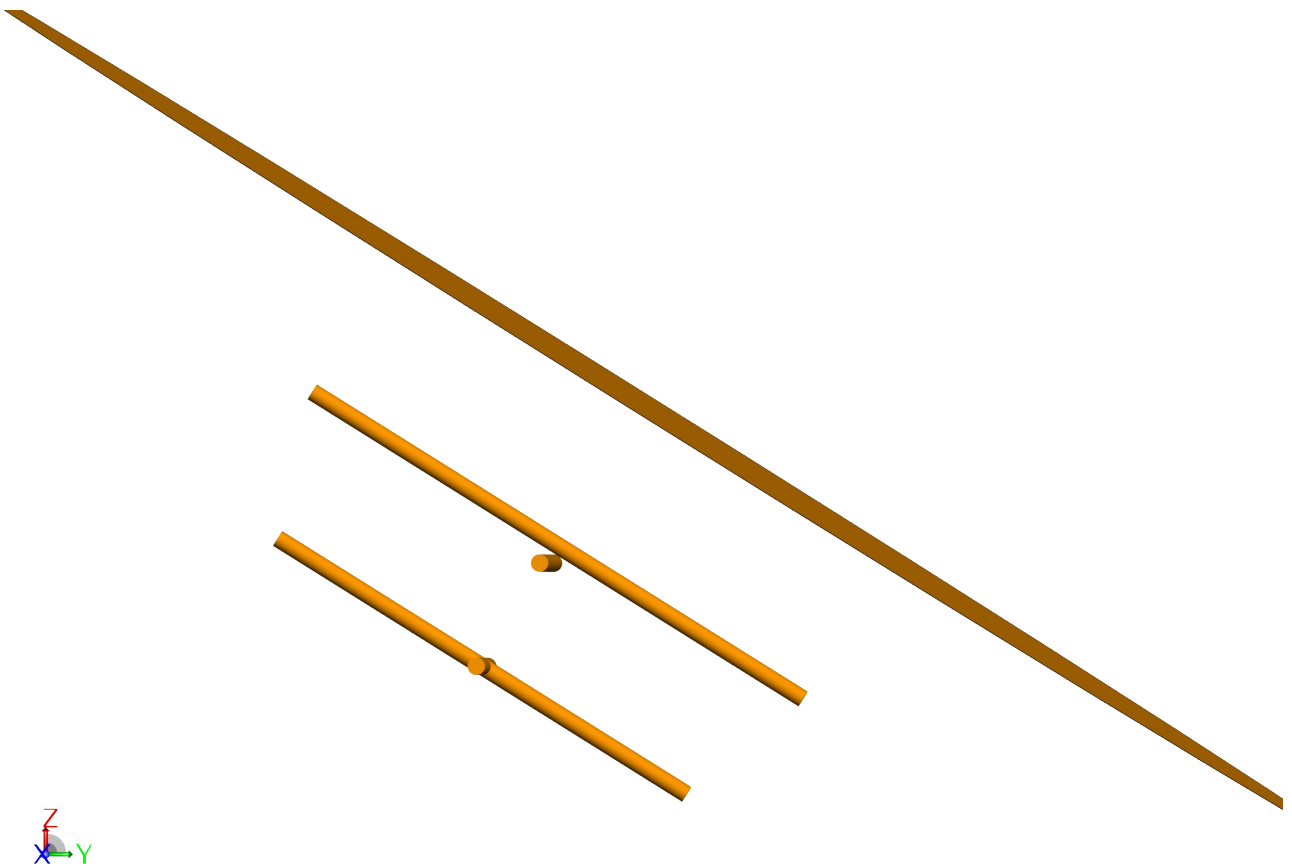


Figure 5: 3D View

# Feed Ref 4ft Dia .5 in El Dish 22 Deg Ht Opt 421.6ft 327 MHz +30 deg up1

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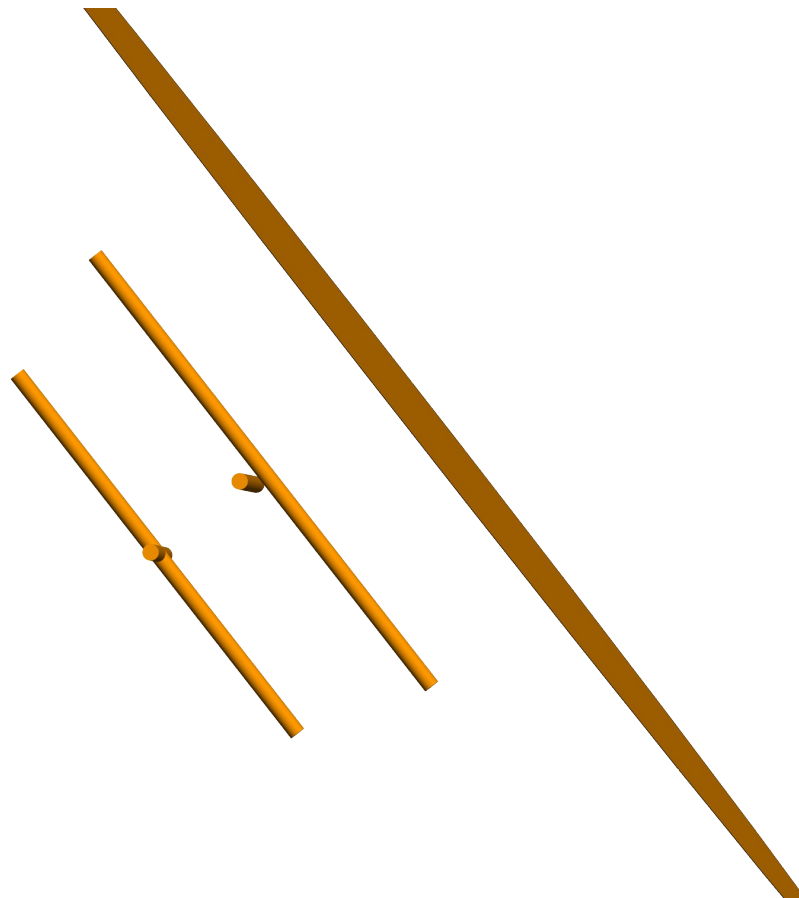


Figure 6: 3D View

# Far field

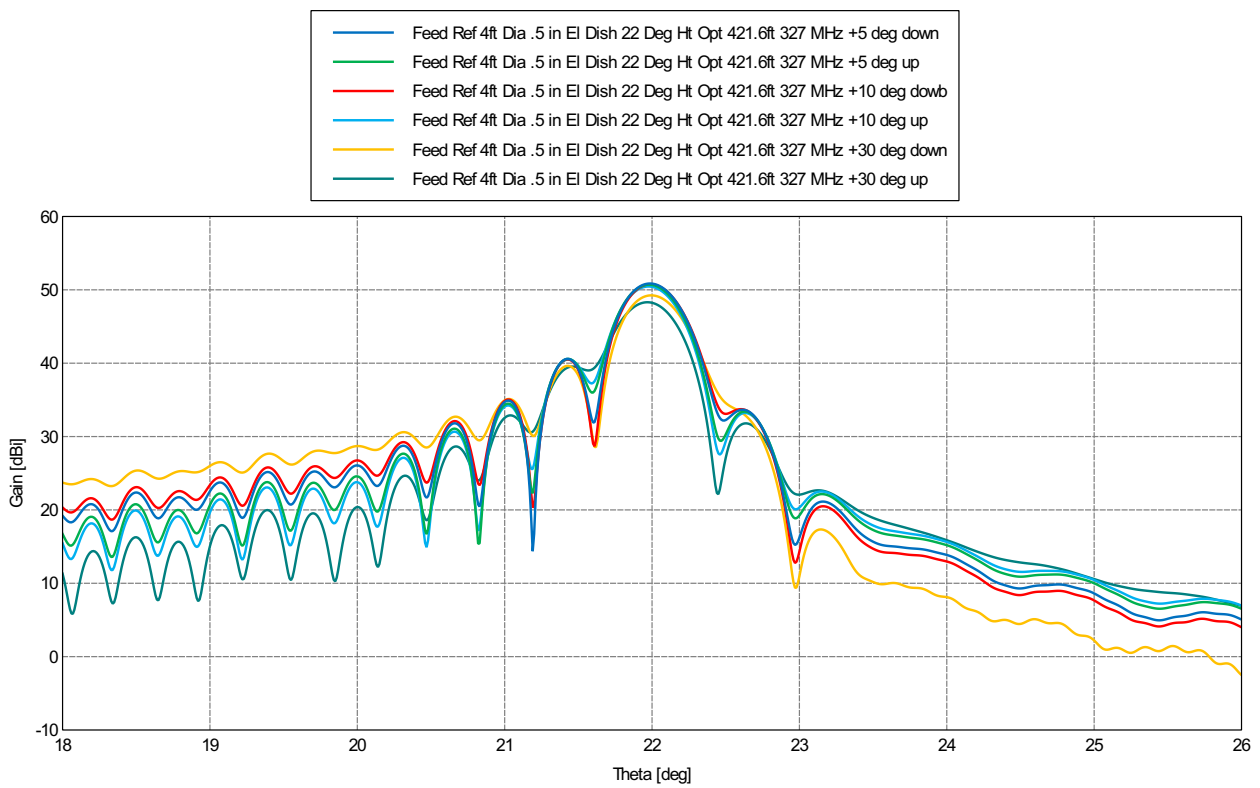


Figure 7: Total Gain (Frequency = 327 MHz; Phi = 90 deg)



# Far field

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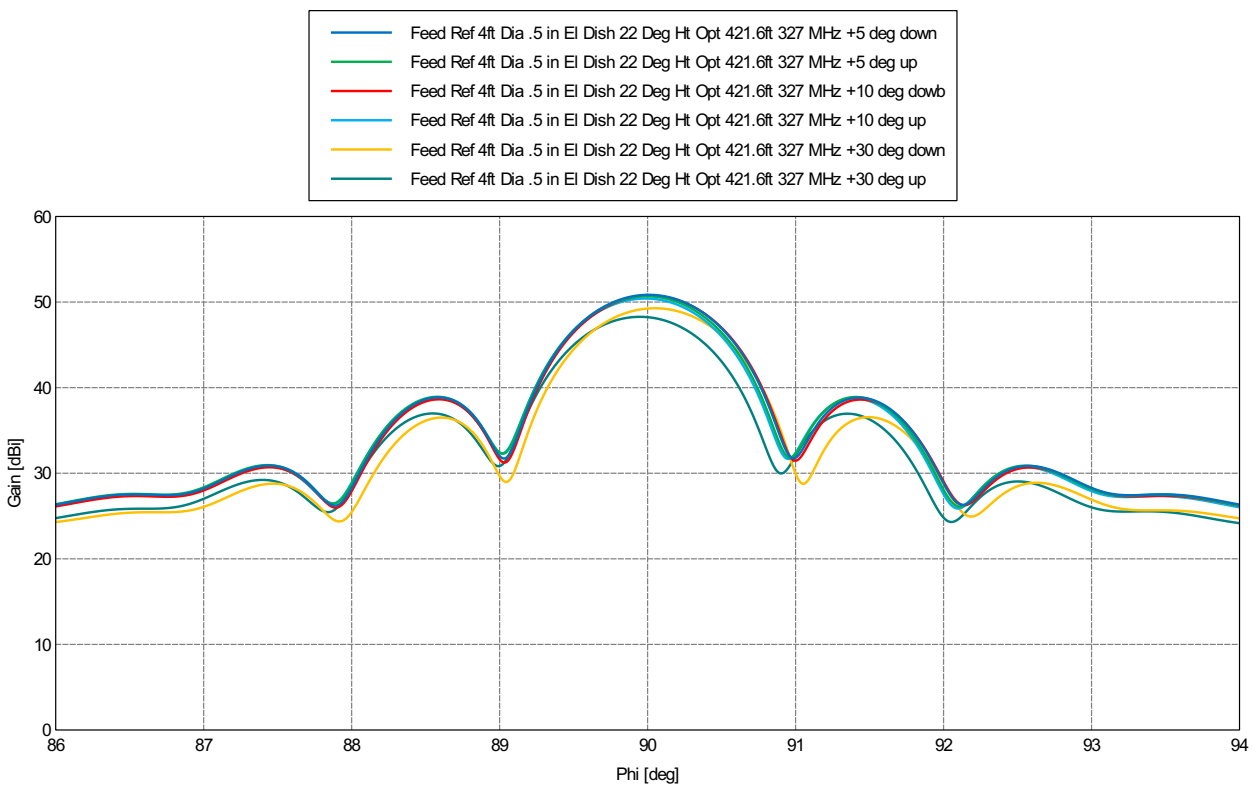


Figure 8: Total Gain (Frequency = 327 MHz; Theta = 22 deg)

# Far field

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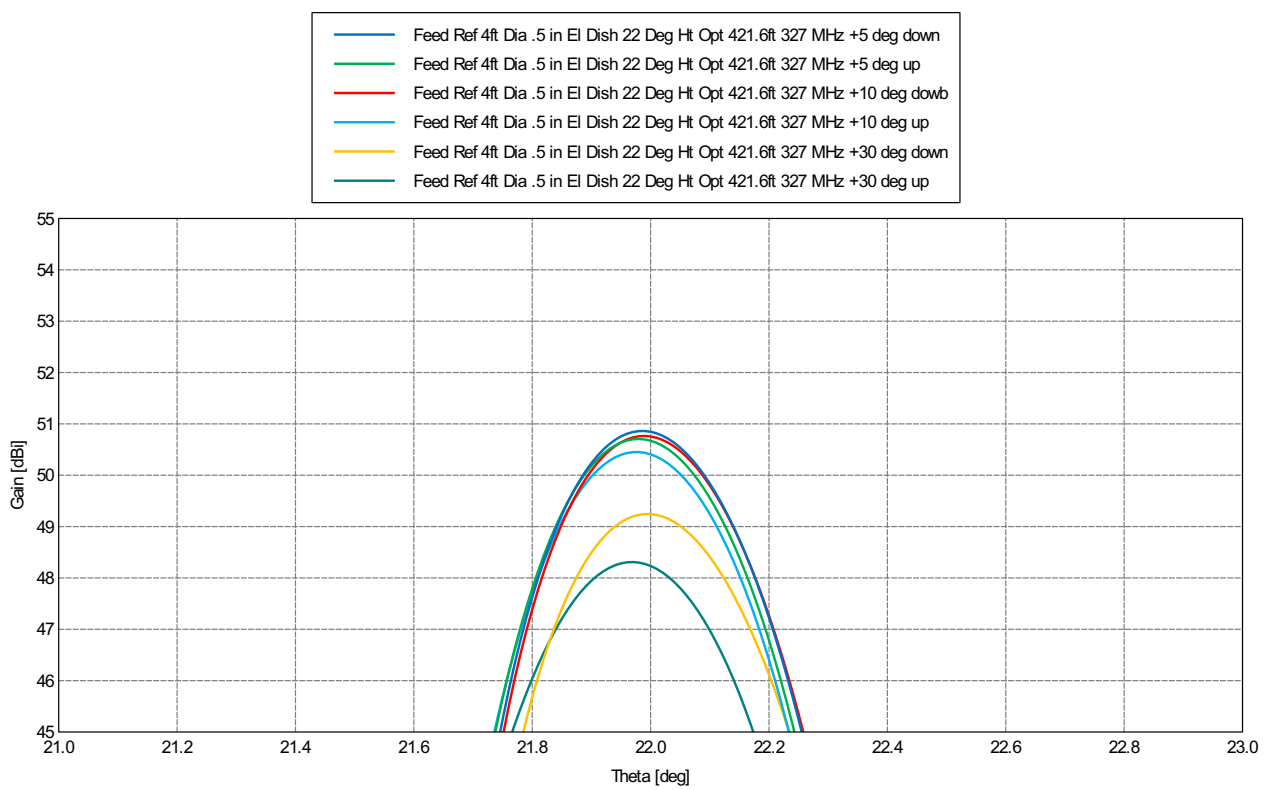


Figure 9: Total Gain (Frequency = 327 MHz; Phi = 90 deg)

# Far field

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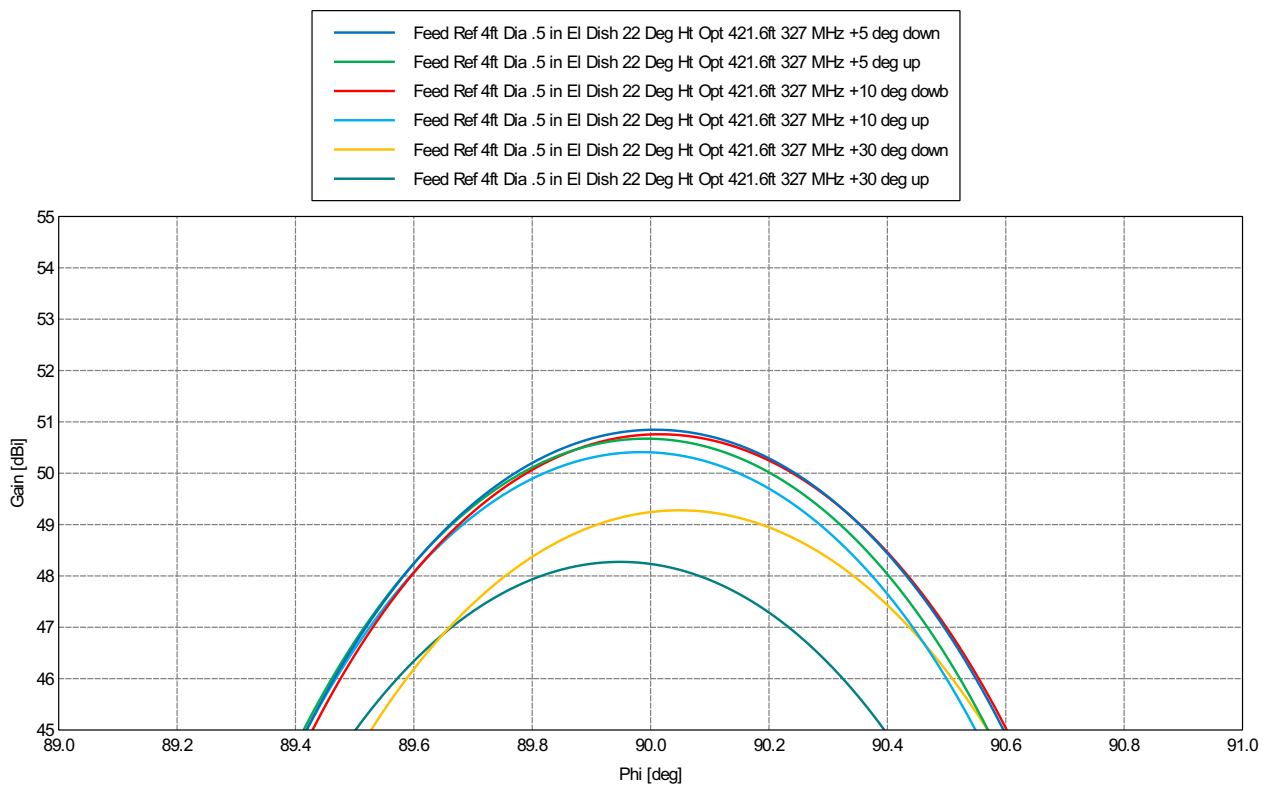


Figure 10: Total Gain (Frequency = 327 MHz; Theta = 22 deg)