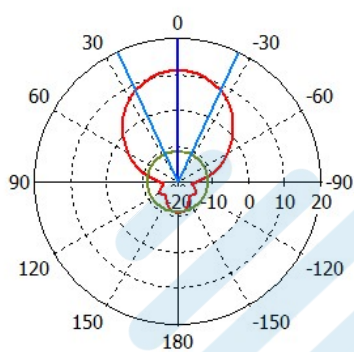


WR159(BJ58) 10dBi Gain Horn Antenna

4.64GHz

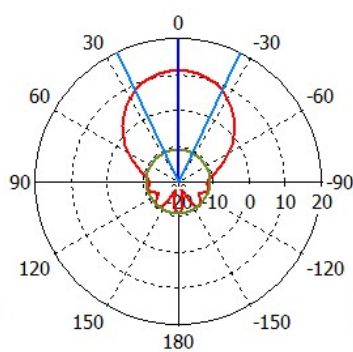
Farfield Directivity Abs (Phi=0)



Theta / Degree vs. dBi

Frequency = 4.64
Main lobe magnitude = 11.3 dBi
Main lobe direction = 0.0 deg.
Angular width (3 dB) = 49.7 deg.
Side lobe level = -22.6 dB

Farfield Directivity Abs (Phi=90)



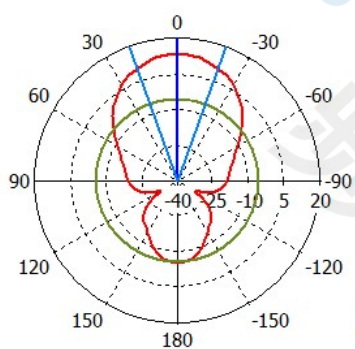
Theta / Degree vs. dBi

Frequency = 4.64
Main lobe magnitude = 11.3 dBi
Main lobe direction = 0.0 deg.
Angular width (3 dB) = 51.3 deg.
Side lobe level = -22.3 dB

farfield (f=4.64) [1]

5.85GHz

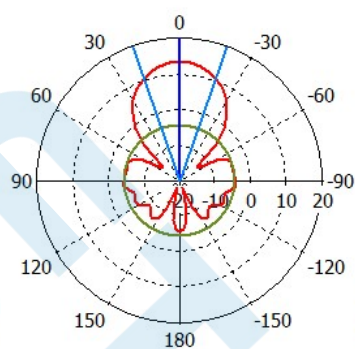
Farfield Directivity Abs (Phi=0)



Theta / Degree vs. dBi

Frequency = 5.85
Main lobe magnitude = 13.5 dBi
Main lobe direction = 0.0 deg.
Angular width (3 dB) = 39.4 deg.
Side lobe level = -19.2 dB

Farfield Directivity Abs (Phi=90)



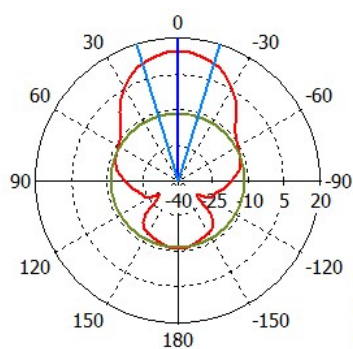
Theta / Degree vs. dBi

Frequency = 5.85
Main lobe magnitude = 13.5 dBi
Main lobe direction = 0.0 deg.
Angular width (3 dB) = 38.7 deg.
Side lobe level = -17.6 dB

farfield (f=5.85) [1]

7.05GHz

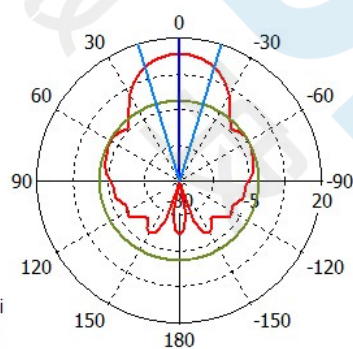
Farfield Directivity Abs (Phi=0)



Theta / Degree vs. dBi

Frequency = 7.05
Main lobe magnitude = 14.7 dBi
Main lobe direction = 0.0 deg.
Angular width (3 dB) = 33.7 deg.
Side lobe level = -26.0 dB

Farfield Directivity Abs (Phi=90)



Theta / Degree vs. dBi

Frequency = 7.05
Main lobe magnitude = 14.7 dBi
Main lobe direction = 0.0 deg.
Angular width (3 dB) = 34.1 deg.
Side lobe level = -16.5 dB

farfield (f=7.05) [1]

Frequency vs Gain

Frequency	Gain dBi	Frequency	Gain dBi
4.64GHz	11.3	7.05GHz	14.7
5.85GHz	13.5		