



TECHNOLOGIES

TELECOMMUNICATION

DT Antenna Product



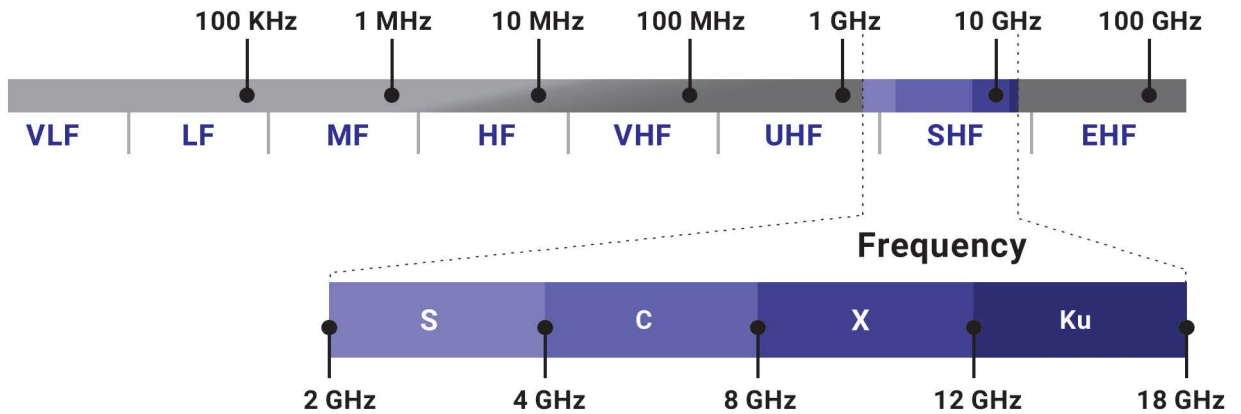
## Dual Ridged Wideband Horn Antenna

2 to 18 GHz

Part Number: **WH-2-18-SL-SF-V1**

Contents: Typical Gain / Antenna Factor

Typical Beamwidth / Patterns

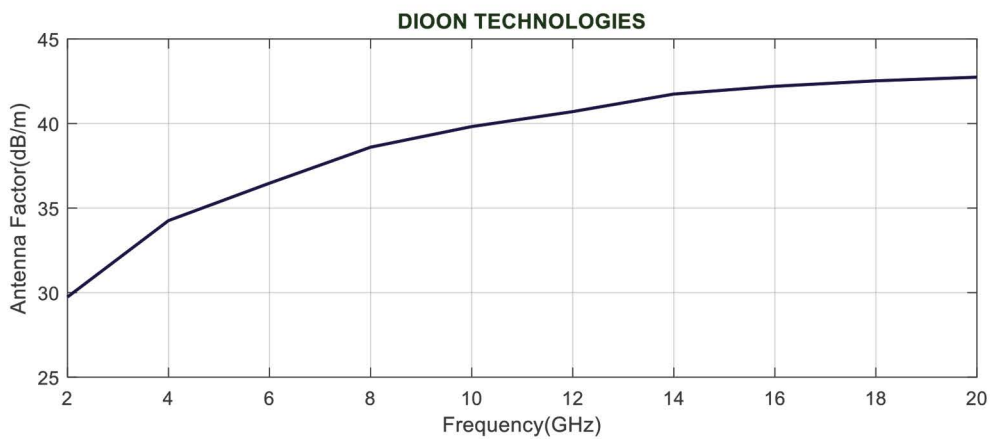
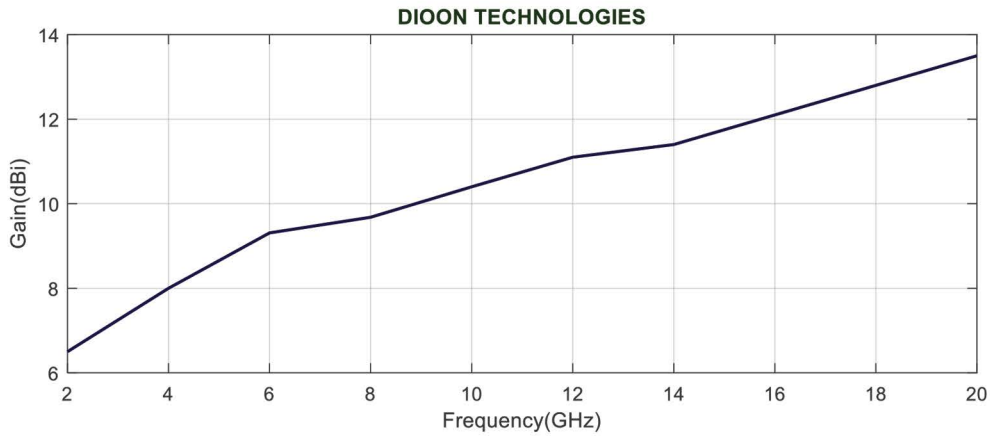


	<b>Gain</b>	Typically 6 ~ 14 dBi
	<b>Power Handling</b>	80 Watts c. w.
	<b>VSWR</b>	Typically <2:1
	<b>Polarization</b>	Single Linear
	<b>3dB Beamwidth</b>	30 to 95 degrees
	<b>Connector Type</b>	SMA Type Female
	<b>Weight</b>	≈ 700 g
	<b>Approximate Size</b>	≈ 12 cm × 12 cm × 8 cm
	<b>Construction</b>	Aluminum & Painted

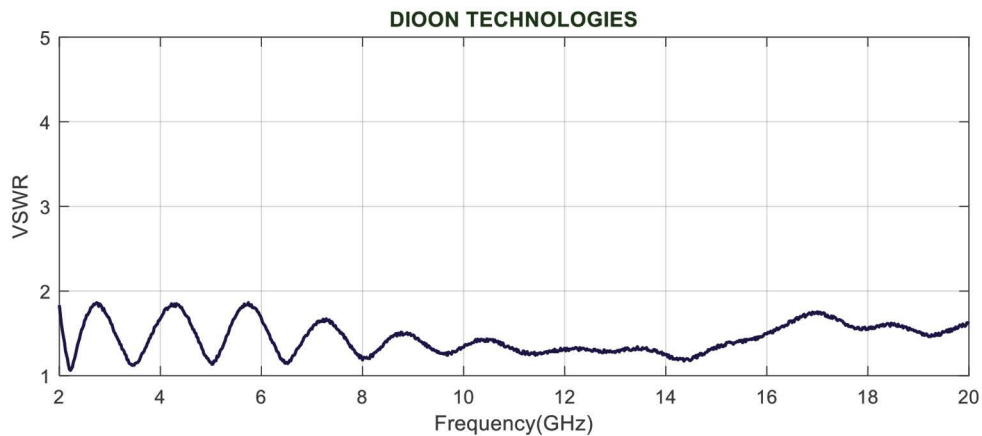
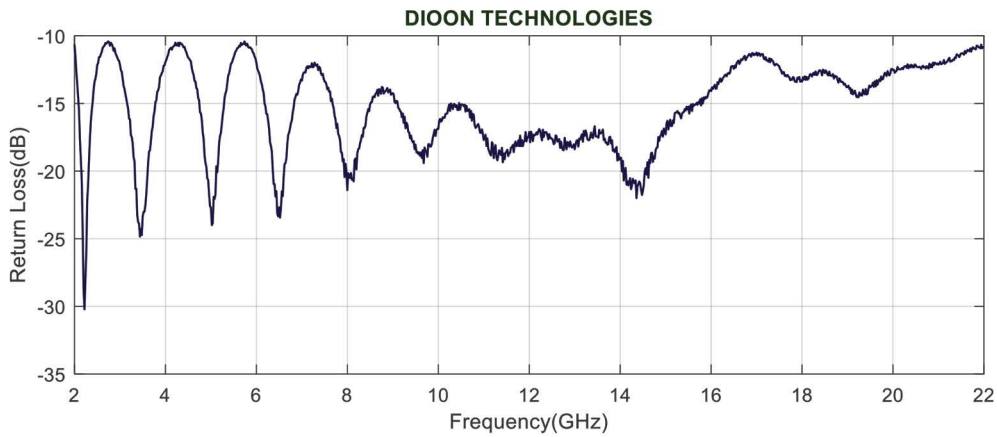


## Typical Antenna Gain / Factor

This is calculated by reference to standard gain horn antennas, and cross checked with reference to the antenna beamwidth, with an estimated error of +/- 0.8dB.

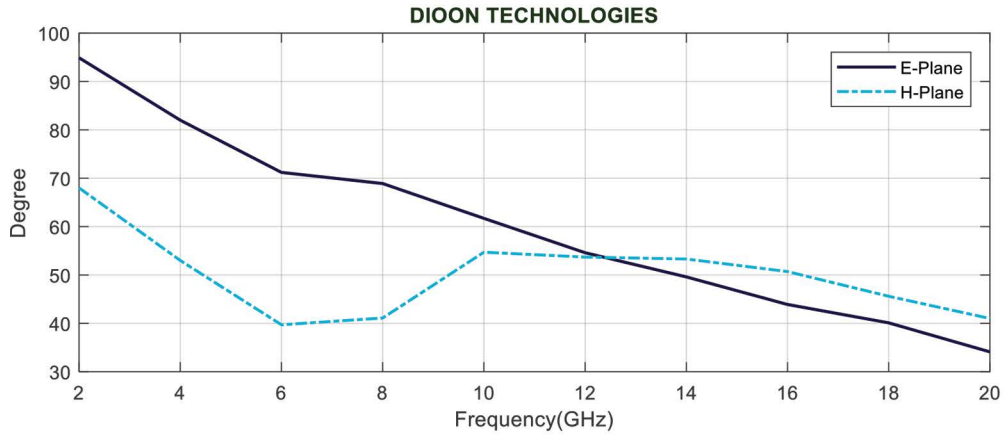


## Typical Antenna Return Loss / VSWR

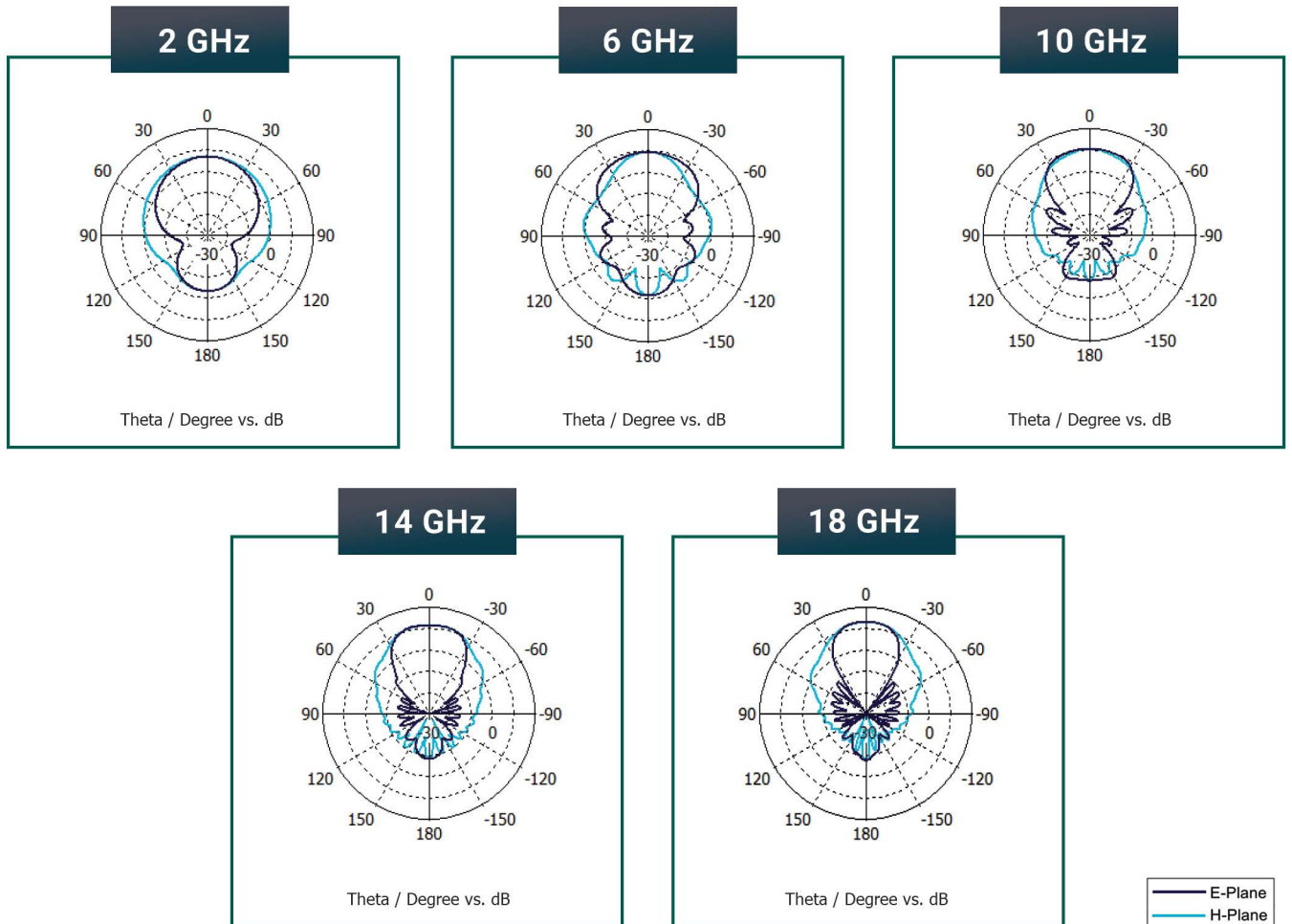




# Typical Antenna HPBW



# Farfield Directivity Abs (Phi= 0,90)



— E-Plane  
 - - - H-Plane



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