



TECHNOLOGIES

TELECOMMUNICATION

DT Antenna Product



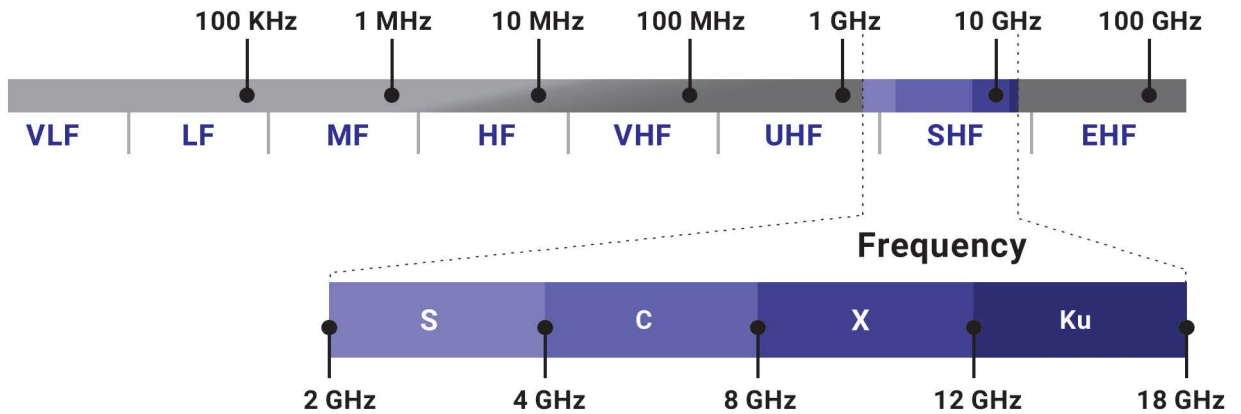
Dual Ridged Wideband Horn Antenna

2 to 18 GHz

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

Contents: Typical Gain / Antenna Factor

Typical Beamwidth / Patterns

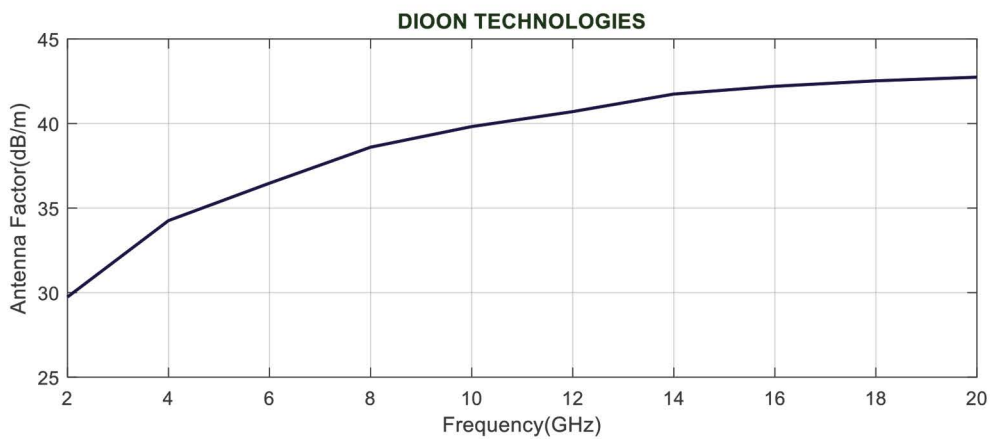
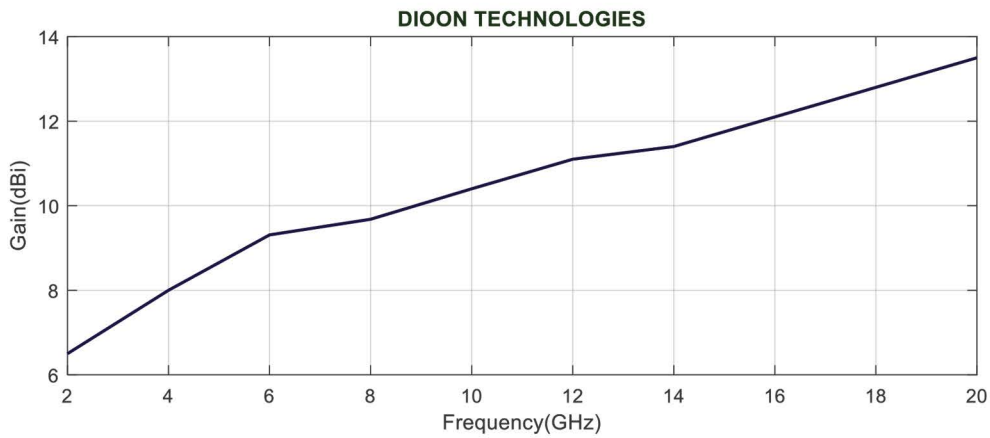


	Gain	Typically 6 ~ 14 dBi
	Power Handling	80 Watts c. w.
	VSWR	Typically <2:1
	Polarization	Single Linear
	3dB Beamwidth	30 to 95 degrees
	Connector Type	SMA Type Female
	Weight	≈ 700 g
	Approximate Size	≈ 12 cm × 12 cm × 8 cm
	Construction	Aluminum & Painted, Engineering Plastics

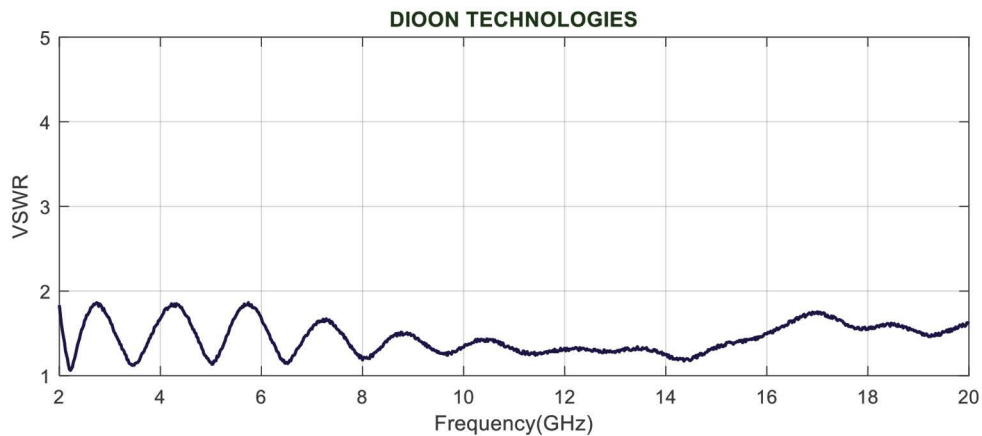
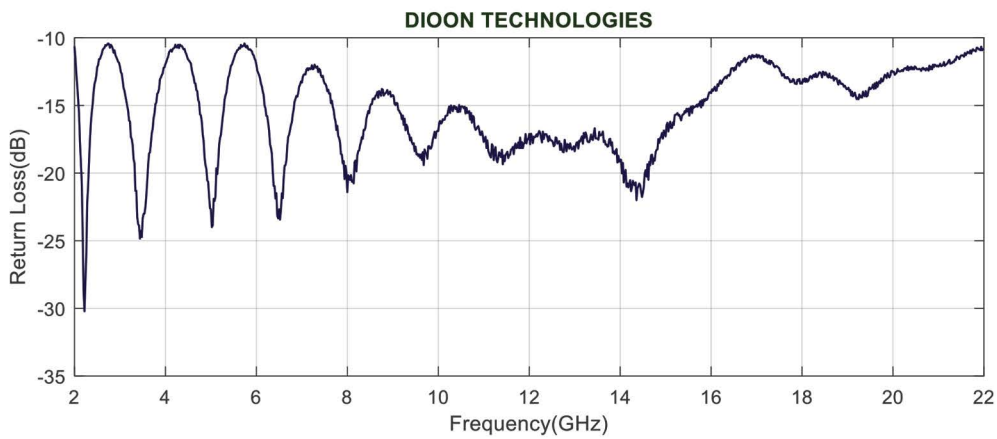


Typical Antenna Gain / Factor

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.

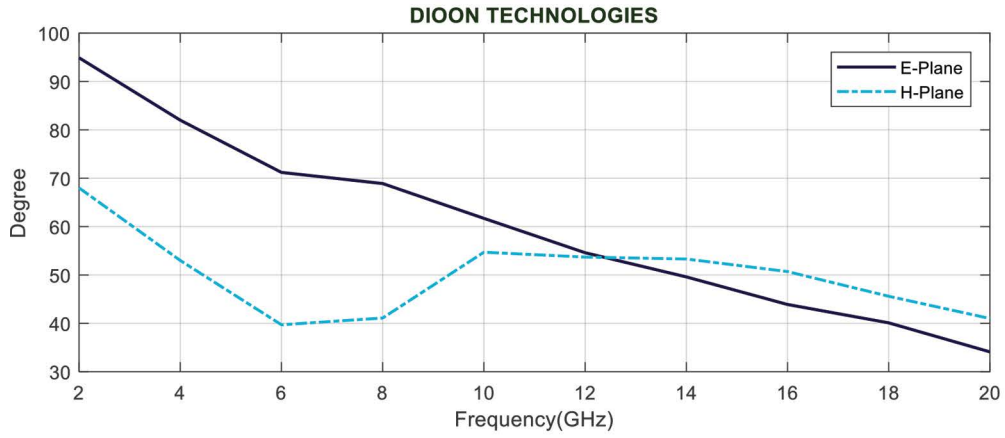


Typical Antenna Return Loss / VSWR

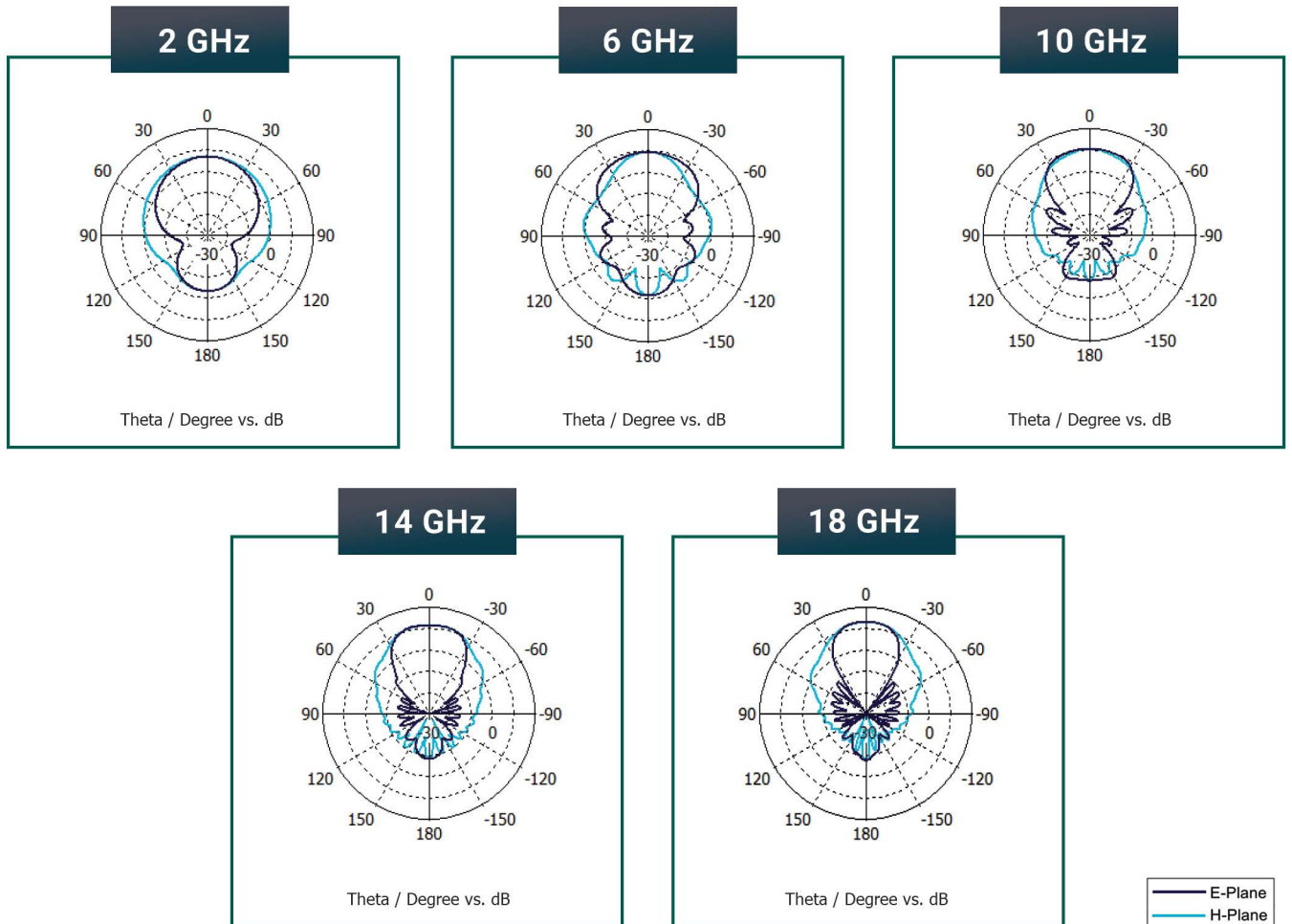




Typical Antenna HPBW



Farfield Directivity Abs (Phi= 0,90)



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