



TECHNOLOGIES

TELECOMMUNICATION

DT Antenna Product



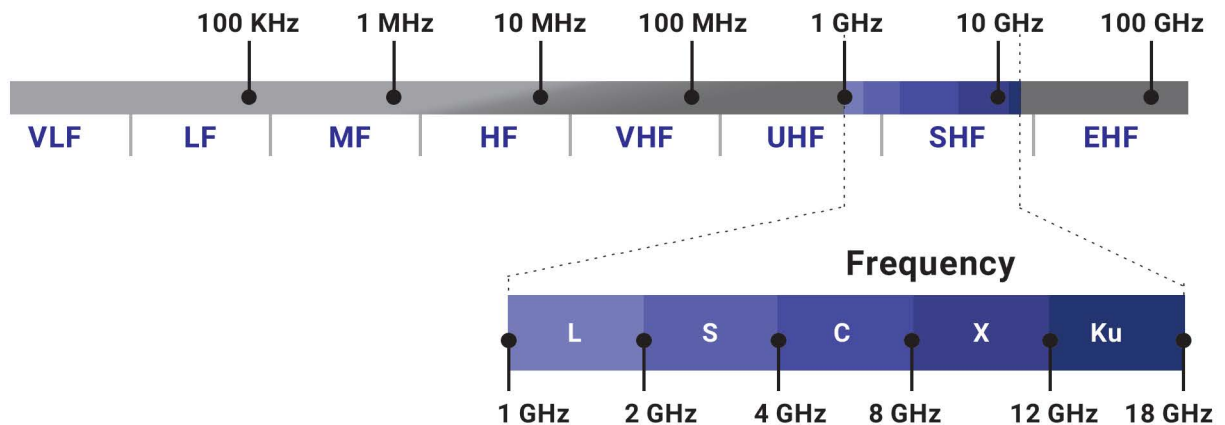
Quad Ridged Wideband Horn Antenna

1 to 18 GHz

Part Number: **WH-1-18-DL-SF-R**

Contents: Typical Gain / Antenna Factor

Typical Beamwidth / Patterns

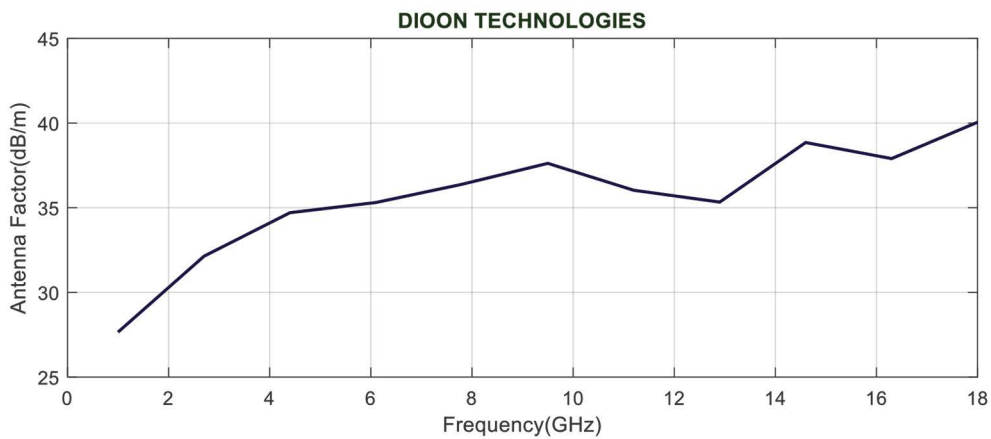
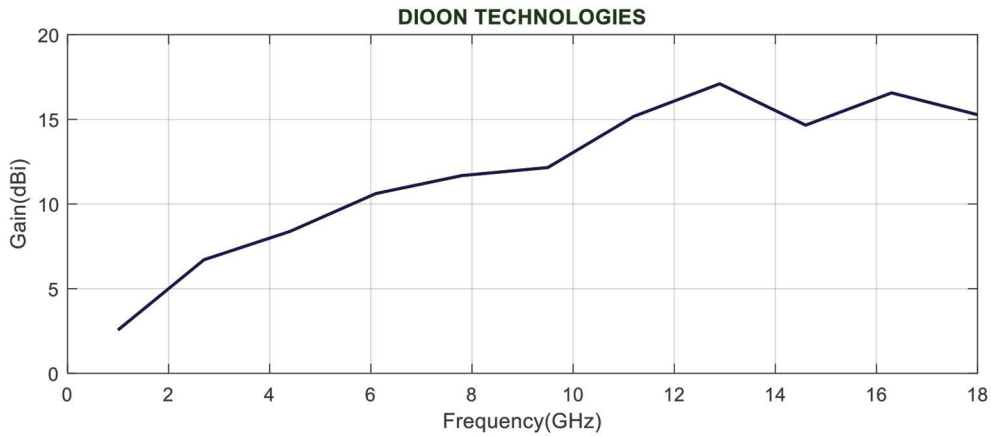


	Gain	Typically 3 ~ 18 dBi
	Power Handling	40 Watts c. w.
	VSWR	Typically <2.5:1
	Polarization	Dual Linear
	3dB Beamwidth	12 to 220 degrees
	Connector Type	SMA Type Female
	Weight	≈ 700 g
	Approximate Size	≈ 250 mm × 140 mm × 220 mm
	Construction	Aluminum & Painted, Engineering Plastics

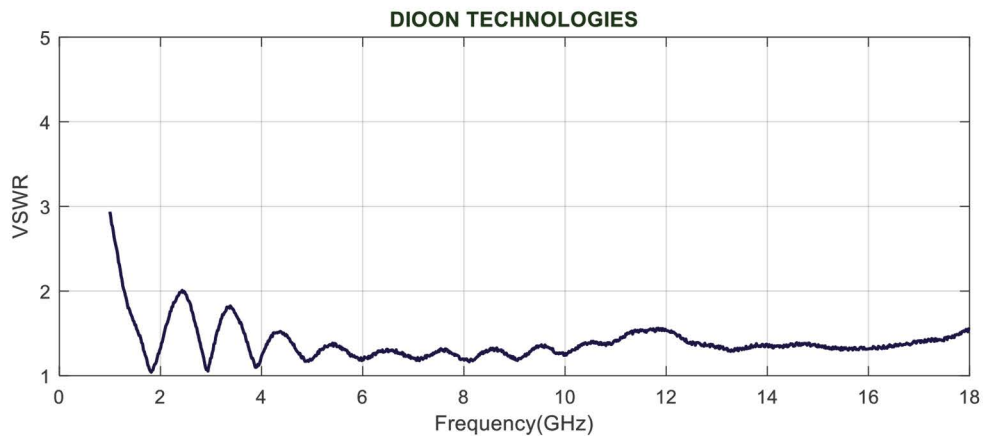
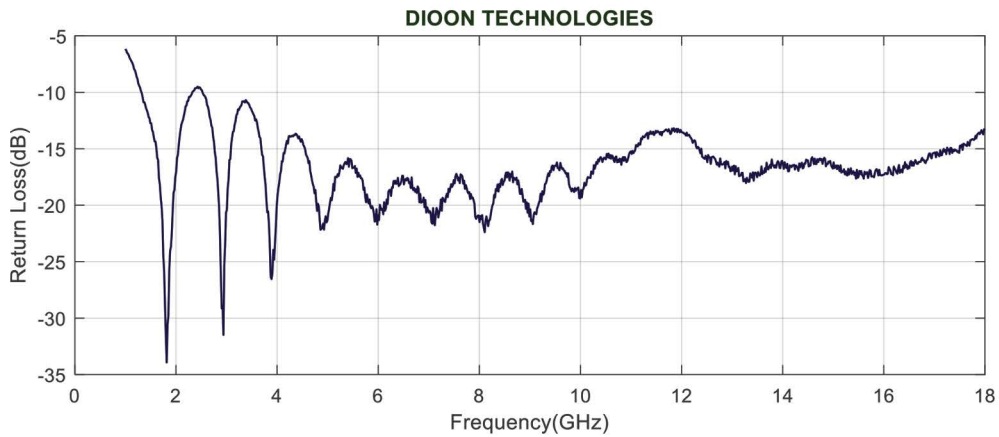


Typical Antenna Gain / Factor

This is calculated by reference to standard gain horn antennas, and cross checked with reference to the antenna beamwidth, with an estimated error of $\pm 0.8\text{dB}$.

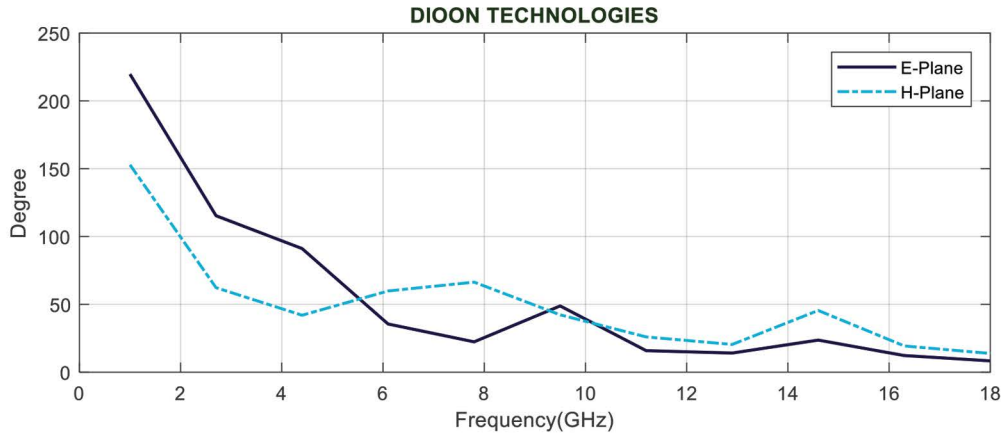


Typical Antenna Return Loss / VSWR

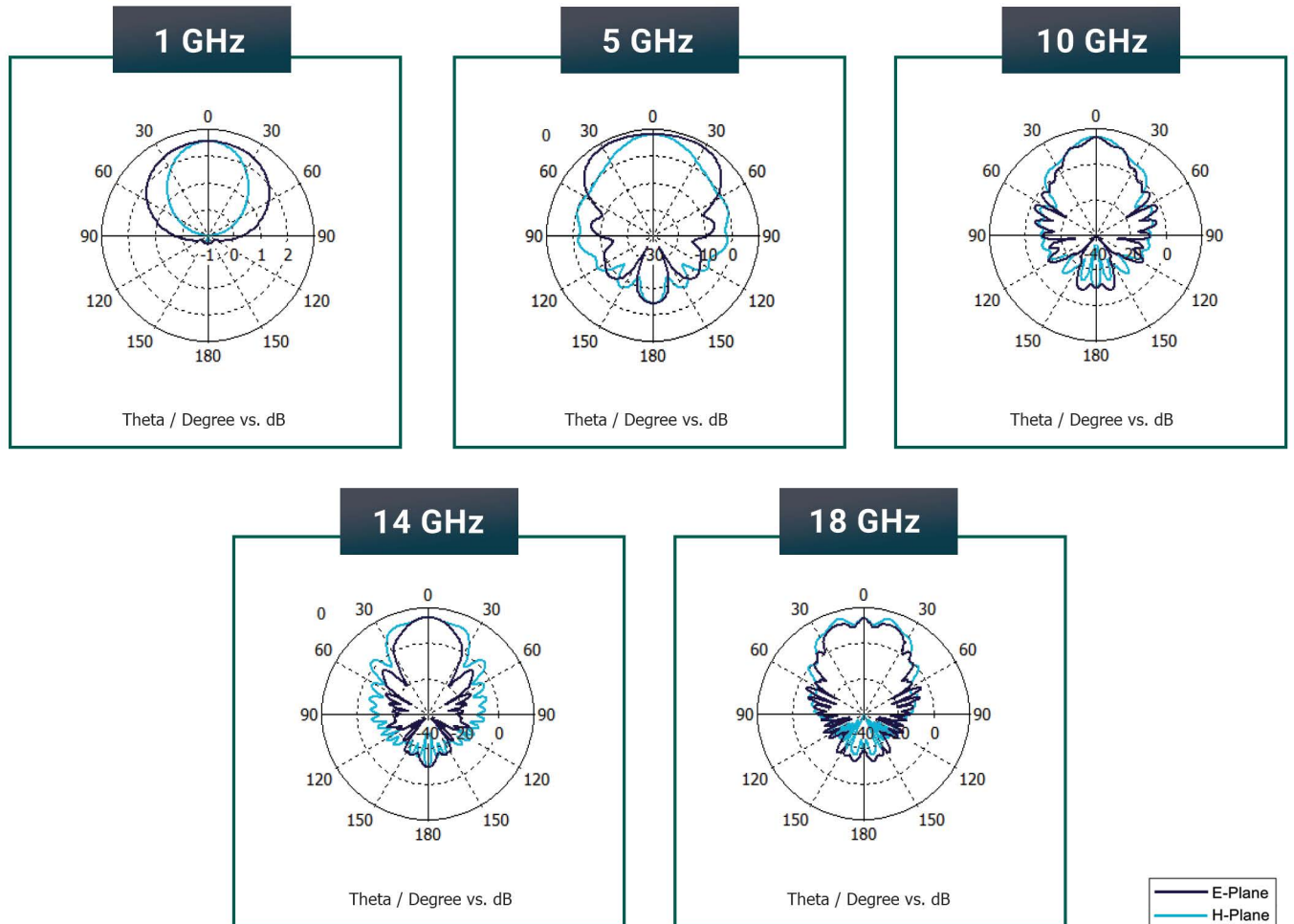




Typical Antenna HPBW



Farfield Directivity Abs (Phi= 0,90)



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Phone: +1(949)508 0037
Email: Sales@dion.us

DION TECHNOLOGIES

WWW.DION.US

The Advanced Way

United States Office
660 Wald, Irvine, CA92618