



TECHNOLOGIES

TELECOMMUNICATION

DT Antenna Product



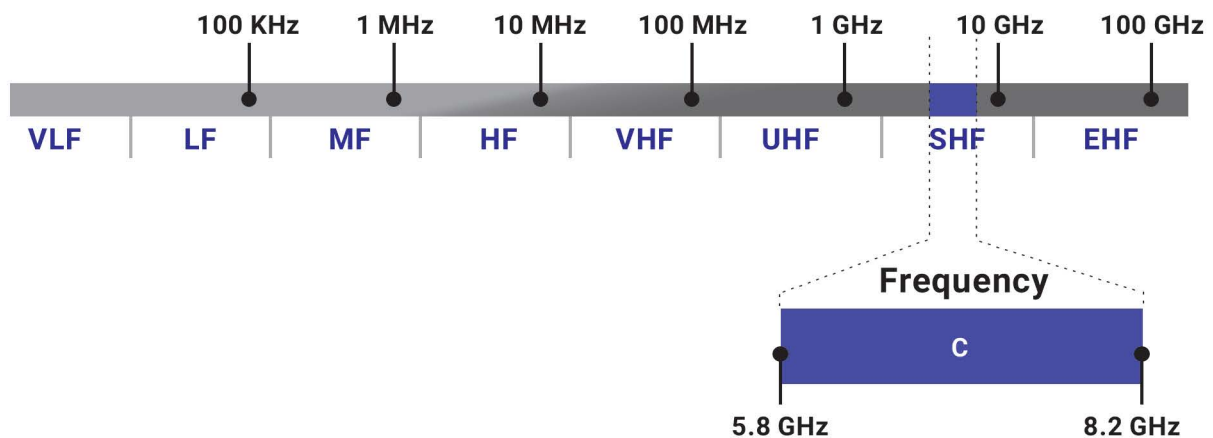
## Standard Horn Antenna

5.8 to 8.2 GHz

Part Number: **SH-5.8-8.2-SL-NF-R**

Contents: Typical Gain / Antenna Factor

Typical Beamwidth / Patterns

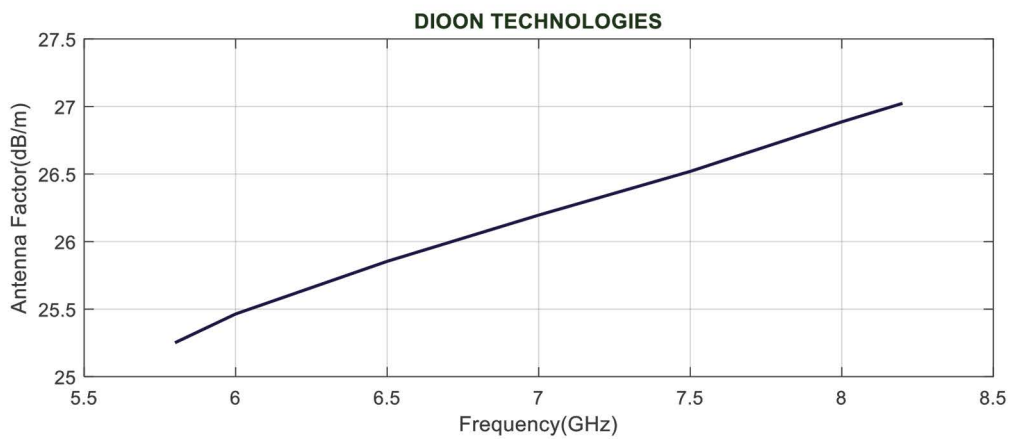
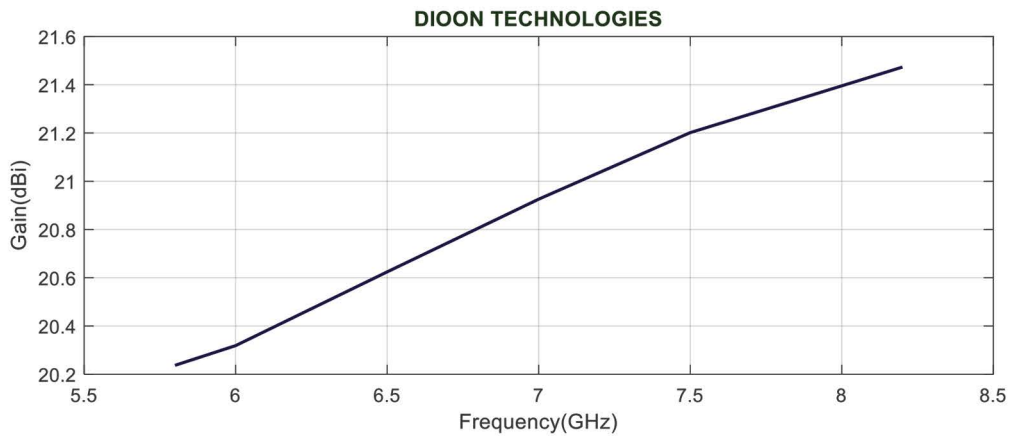


	<b>Gain</b>	Typically 20 ~ 22 dBi
	<b>Power Handling</b>	150 Watts c. w.
	<b>VSWR</b>	Typically <1.7:1
	<b>Polarization</b>	Single Linear
	<b>3dB Beamwidth</b>	11.5 to 17 degrees
	<b>Connector Type</b>	N Type Female
	<b>Weight</b>	≈ 1 kg
	<b>Approximate Size</b>	≈ 215mm × 168mm × 330mm
	<b>Construction</b>	Aluminum & Painted, Engineering Plastics

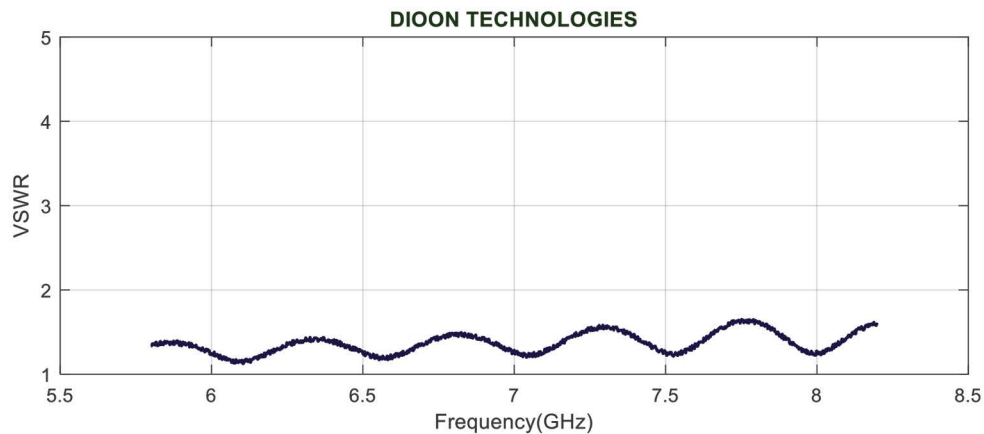
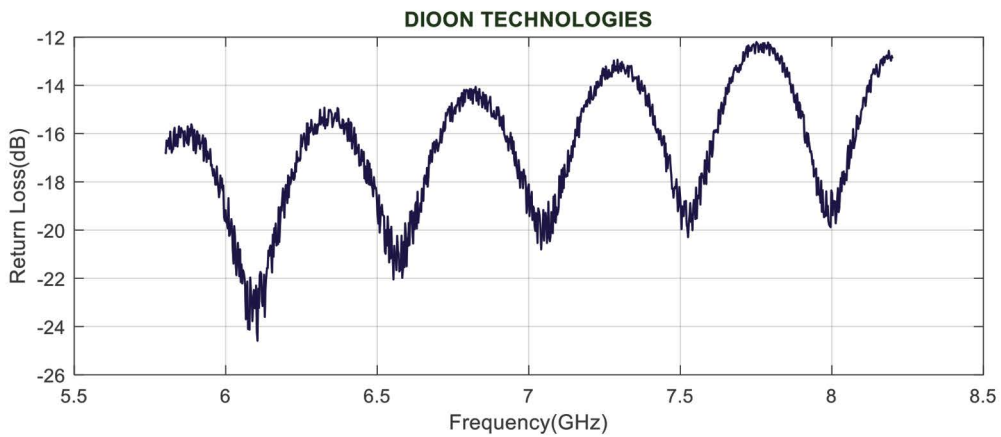


## Typical Antenna Gain / Factor

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.

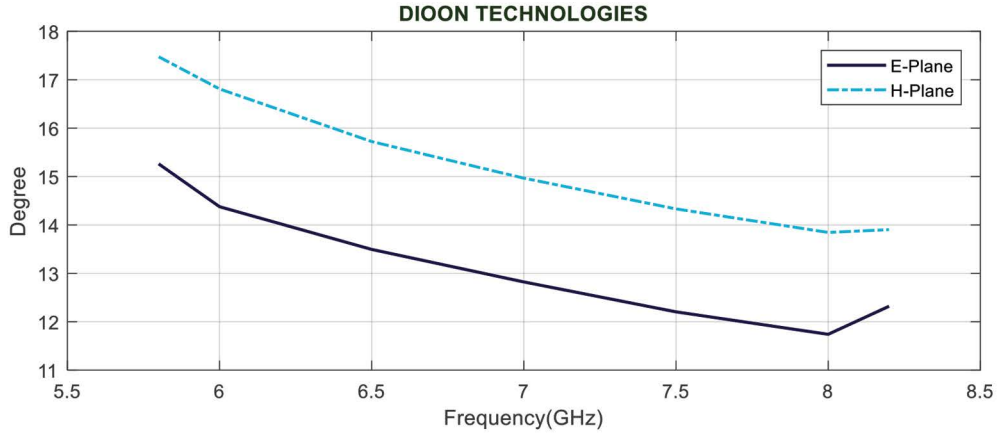


## Typical Antenna Return Loss / VSWR

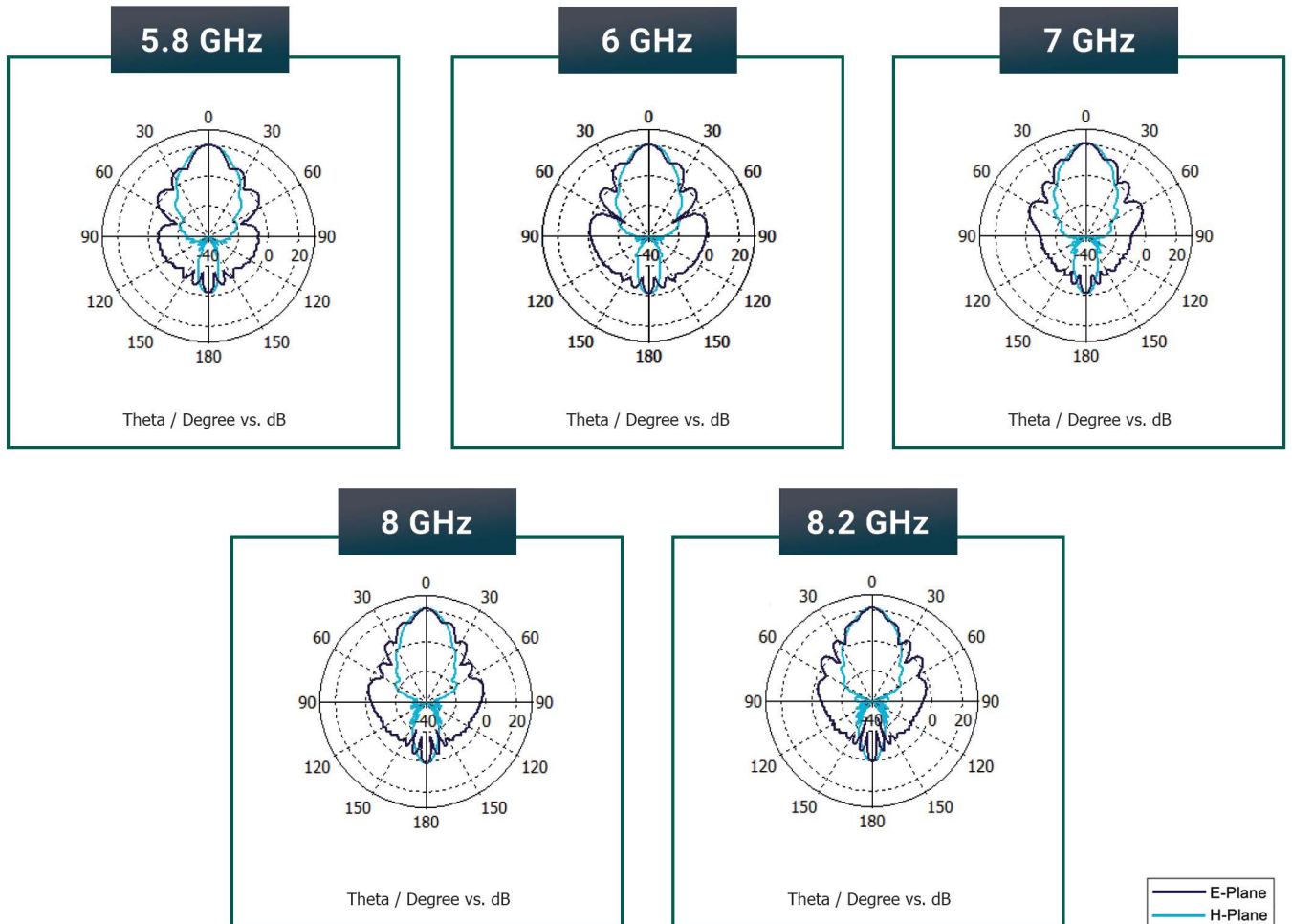




# Typical Antenna HPBW



# Farfield Directivity Abs (Phi= 0,90)



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