



TECHNOLOGIES

TELECOMMUNICATION

DT Antenna Product



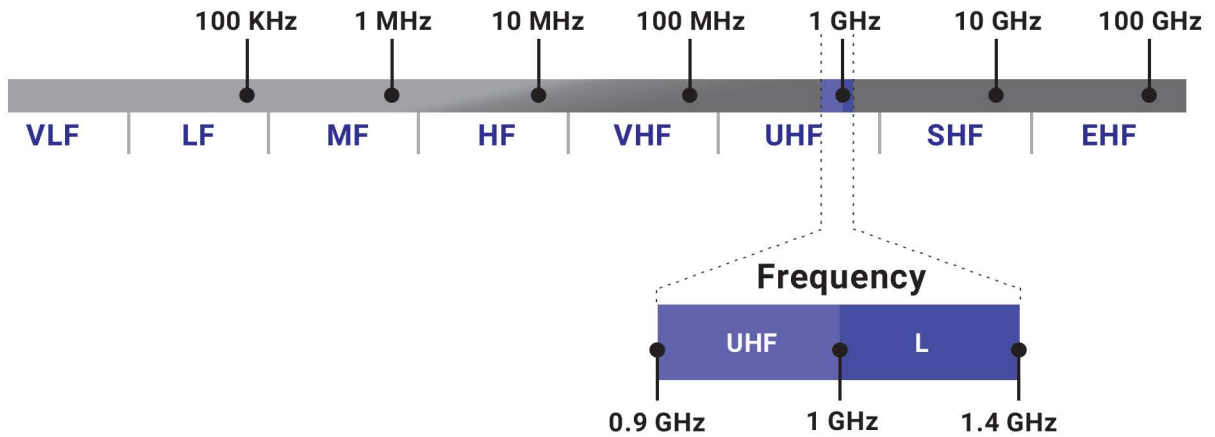
## Standard Horn Antenna

0.9 to 1.4 GHz

Part Number: **SH-0.9-1.4-SL-NF-R**

Contents: Typical Gain / Antenna Factor

Typical Beamwidth / Patterns

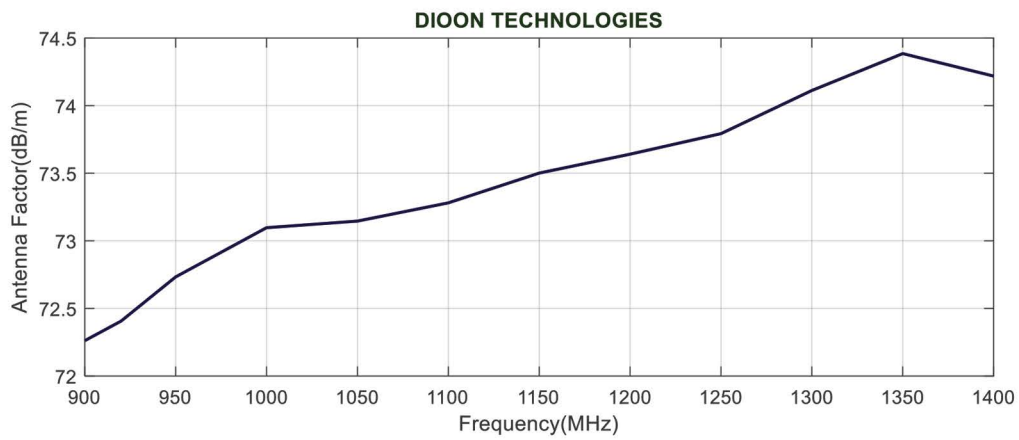
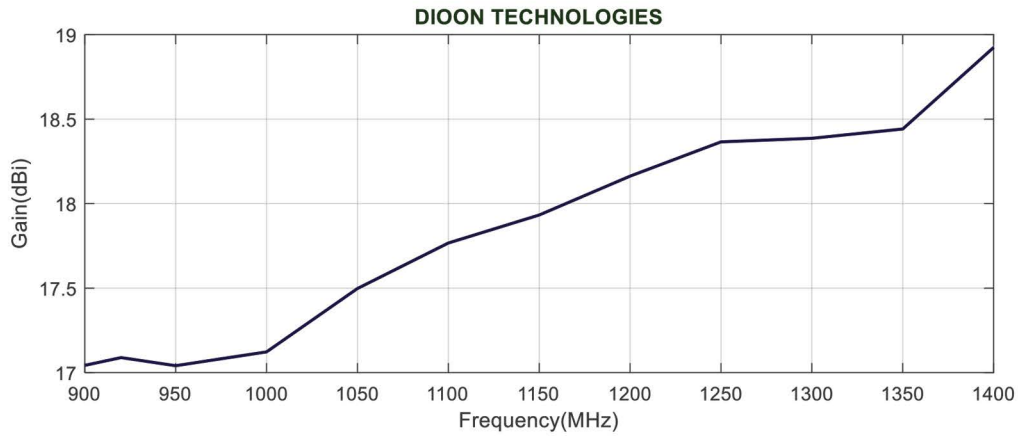


	<b>Gain</b>	Typically 17 ~ 19 dBi
	<b>Power Handling</b>	300 Watts c. w.
	<b>VSWR</b>	Typically <2:1
	<b>Polarization</b>	Single Linear
	<b>3dB Beamwidth</b>	15.8 to 26 degrees
	<b>Connector Type</b>	N Type Female
	<b>Weight</b>	≈ 15 kg
	<b>Approximate Size</b>	≈ 940mm × 720mm × 1050mm
	<b>Construction</b>	Aluminum & Painted, Engineering Plastics

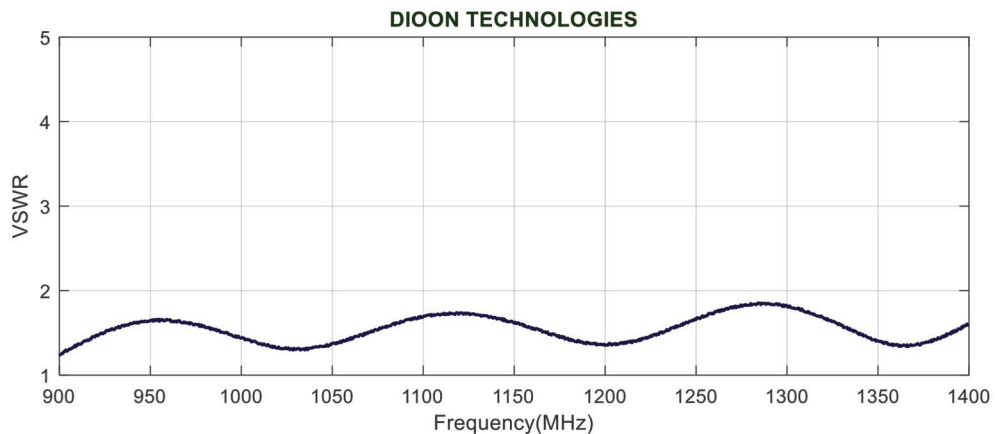
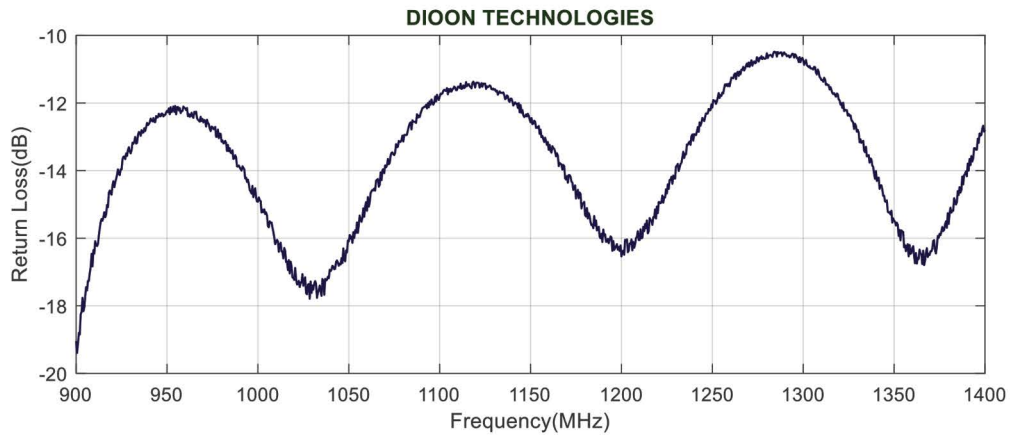


## Typical Antenna Gain / Factor

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.

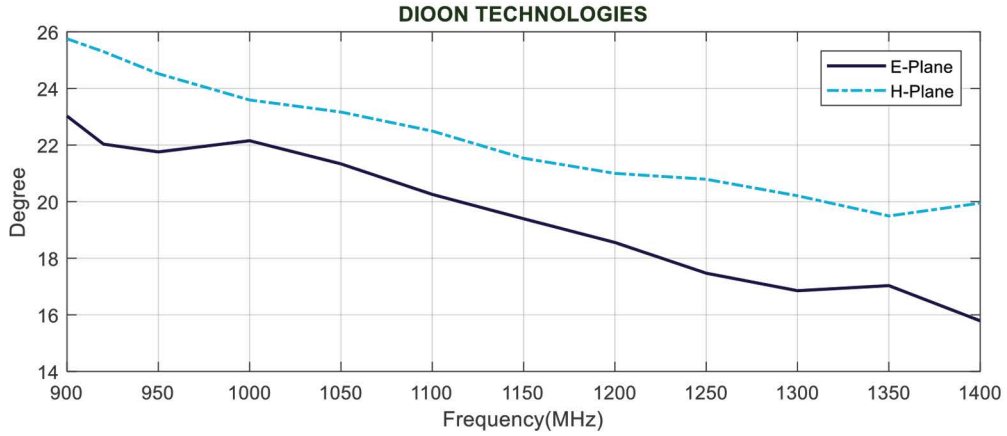


## Typical Antenna Return Loss / VSWR



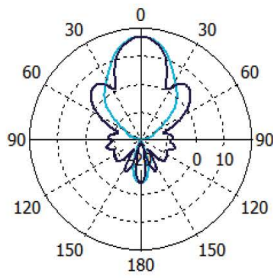


# Typical Antenna HPBW

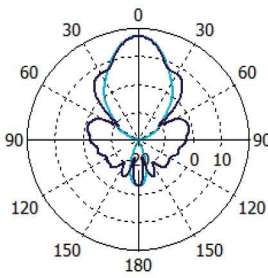


# Farfield Directivity Abs (Phi= 0,90)

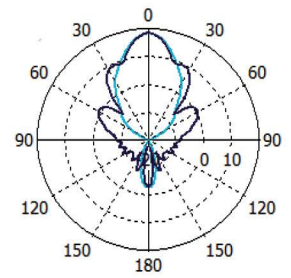
900 MHz



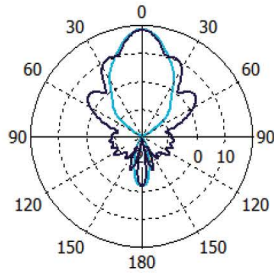
1 GHz



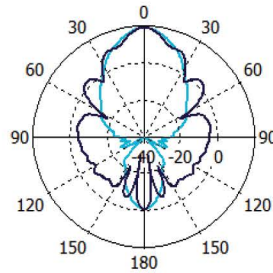
1.2 GHz



1.3 GHz



1.4 GHz



— E-Plane  
— H-Plane



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

**DIOON TECHNOLOGIES**

**WWW.DIOON.US**

The Advanced Way

United States Office  
660 Wald, Irvine, CA92618