



TECHNOLOGIES

TELECOMMUNICATION

DT Antenna Product



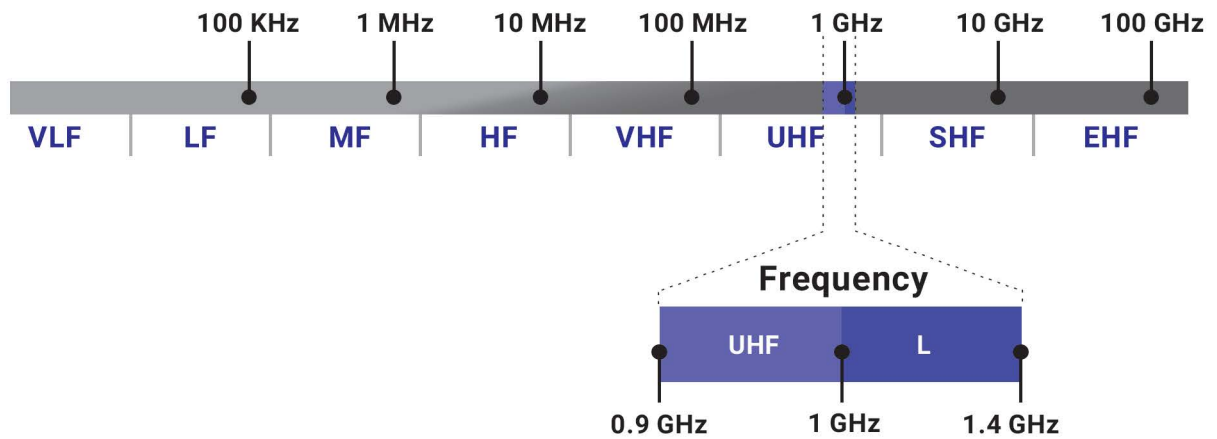
Standard Horn Antenna

0.9 to 1.4 GHz

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

Contents: Typical Gain / Antenna Factor

Typical Beamwidth / Patterns

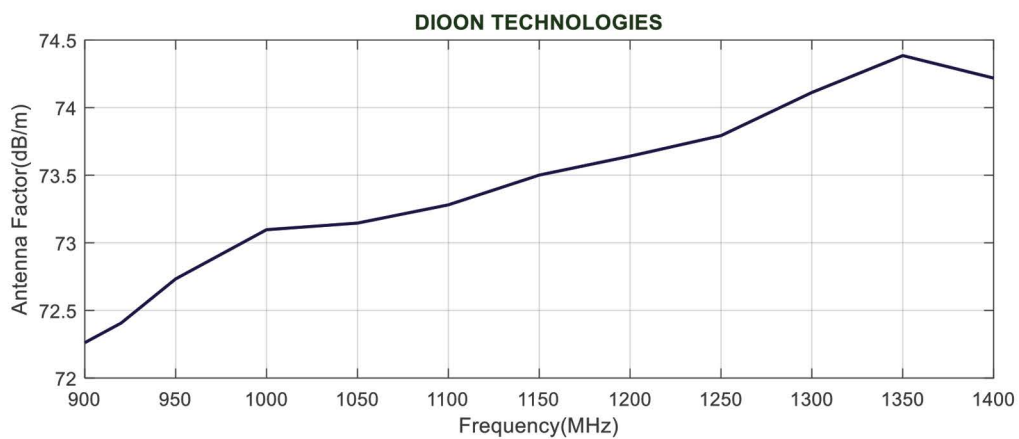
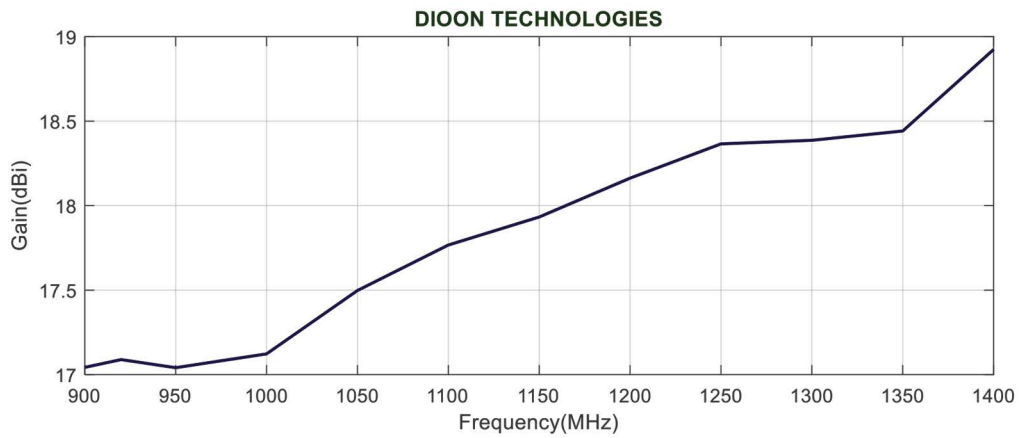


	Gain	Typically 17 ~ 19 dBi
	Power Handling	300 Watts c. w.
	VSWR	Typically <2:1
	Polarization	Single Linear
	3dB Beamwidth	15.8 to 26 degrees
	Connector Type	N Type Female
	Weight	≈ 15 kg
	Approximate Size	≈ 940mm × 720mm × 1050mm
	Construction	Aluminum, Painted

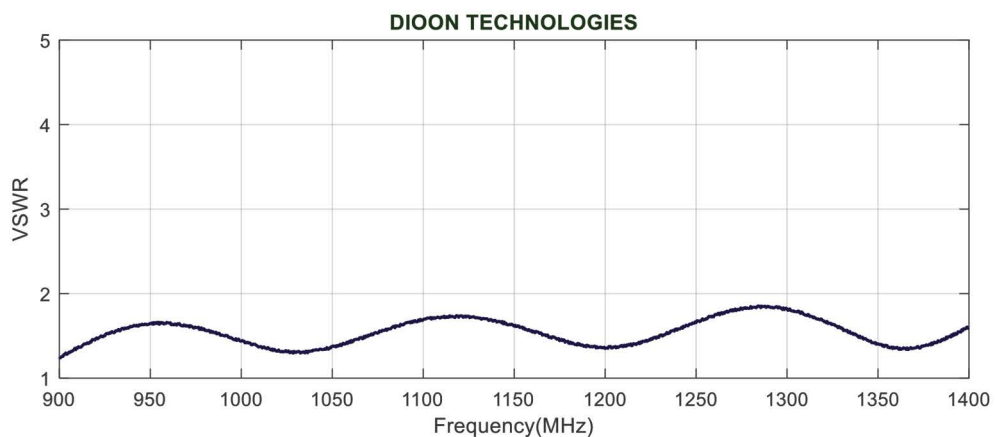
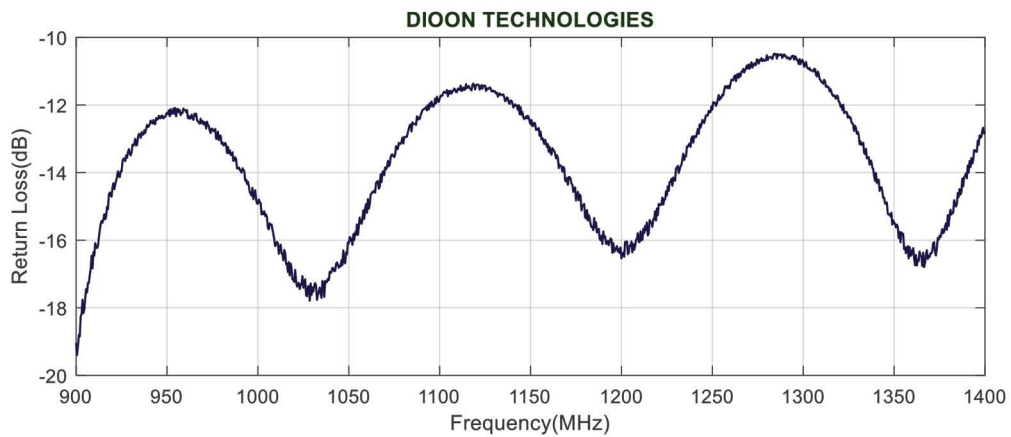


Typical Antenna Gain / Factor

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.

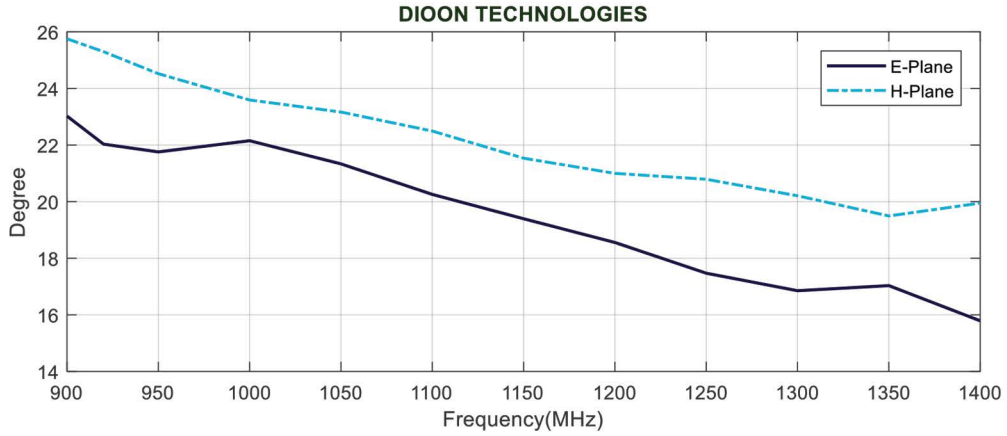


Typical Antenna Return Loss / VSWR



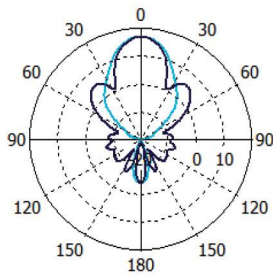


Typical Antenna HPBW



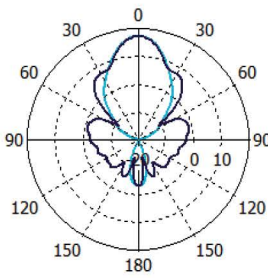
Farfield Directivity Abs (Phi= 0,90)

900 MHz



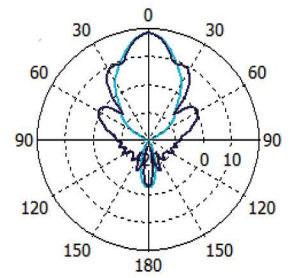
Theta / Degree vs. dB

1 GHz



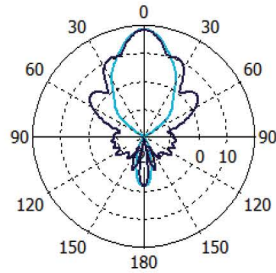
Theta / Degree vs. dB

1.2 GHz



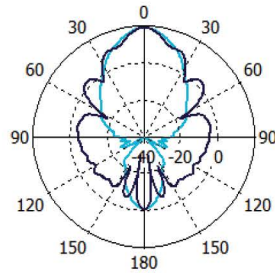
Theta / Degree vs. dB

1.3 GHz



Theta / Degree vs. dB

1.4 GHz



Theta / Degree vs. dB

— E-Plane
— H-Plane



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