



TECHNOLOGIES

TELECOMMUNICATION

DT Antenna Product



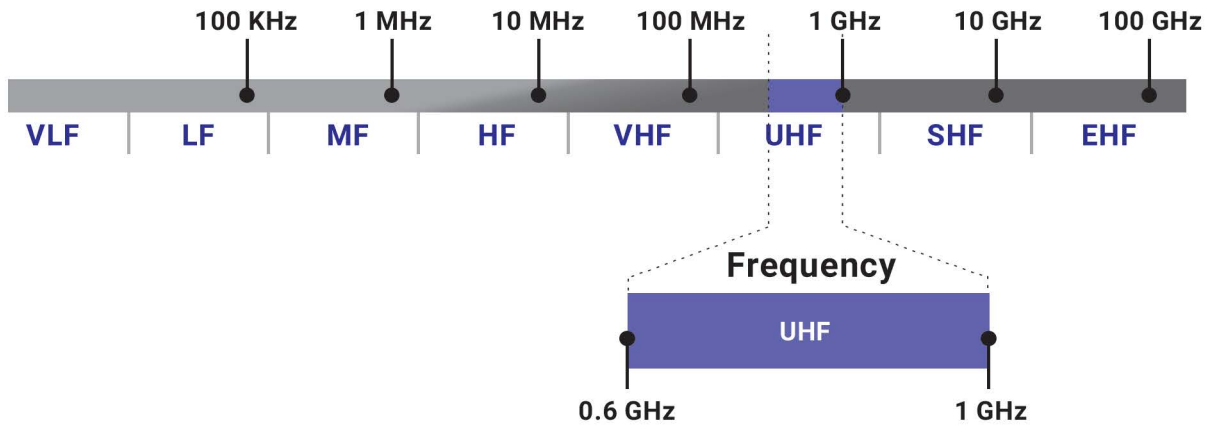
Standard Horn Antenna

0.6 to 1 GHz

Part Number: **SH-0.6-1-SL-NF-R**

Contents: Typical Gain / Antenna Factor

Typical Beamwidth / Patterns

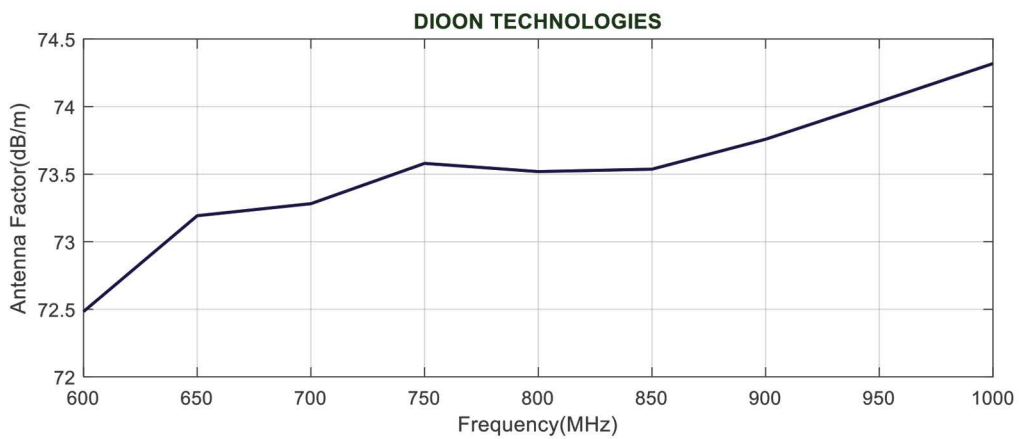
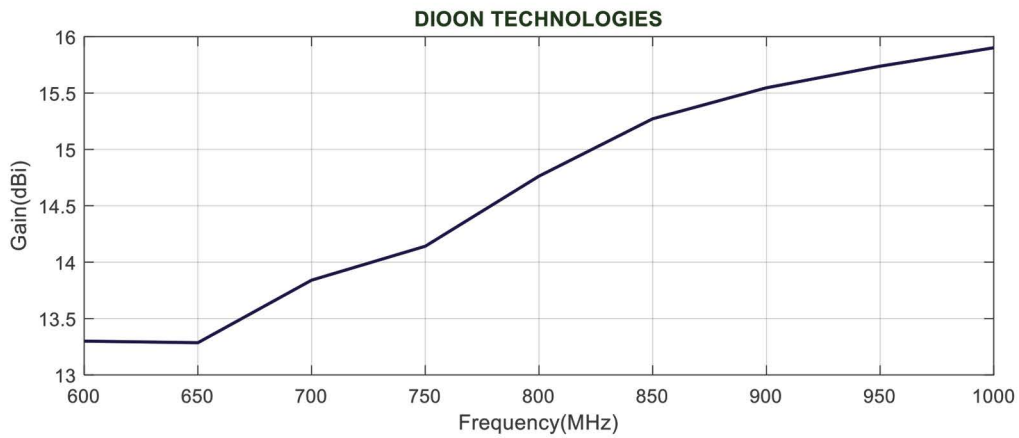


	Gain	Typically 13 ~ 16 dBi
	Power Handling	400 Watts c. w.
	VSWR	Typically <2:1
	Polarization	Single Linear
	3dB Beamwidth	24 to 40 degrees
	Connector Type	N Type Female
	Weight	≈ 7.5 kg
	Approximate Size	≈ 860mm × 660mm × 820mm
	Construction	Aluminum & Painted, Engineering Plastics

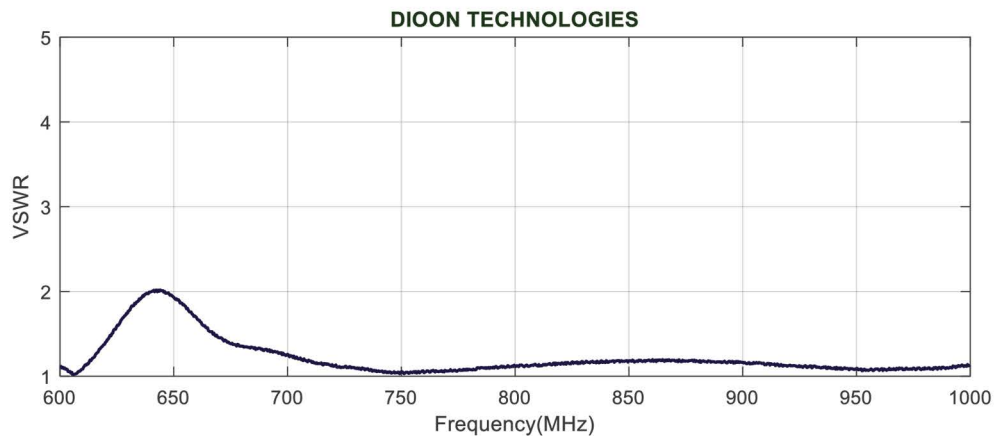
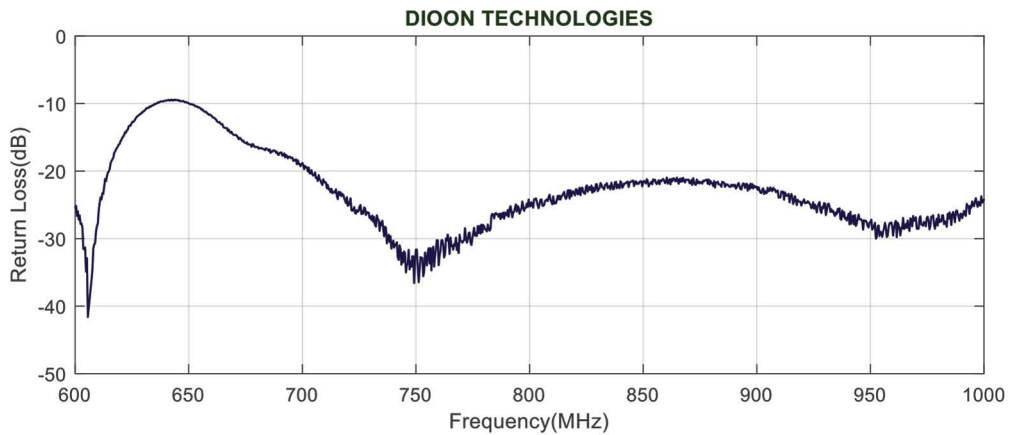


Typical Antenna Gain / Factor

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.

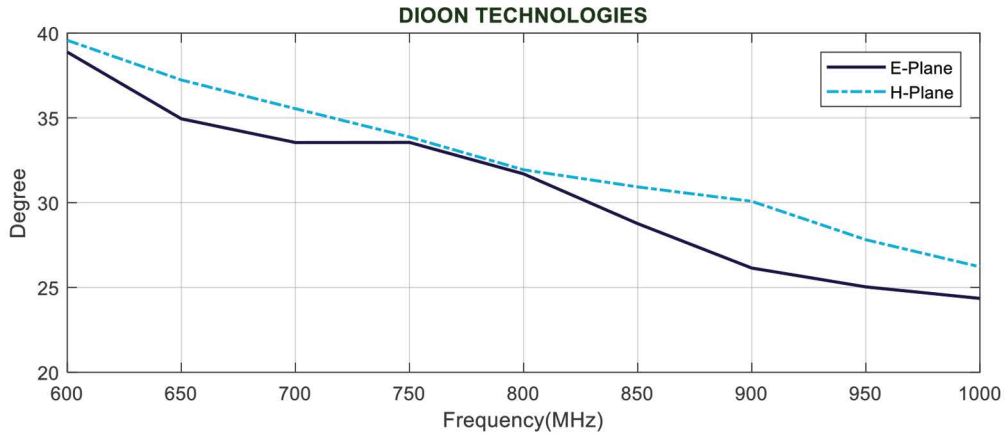


Typical Antenna Return Loss / VSWR



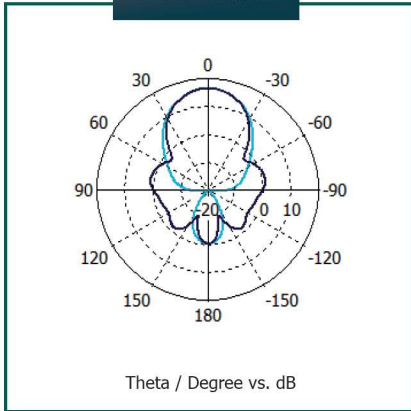


Typical Antenna HPBW

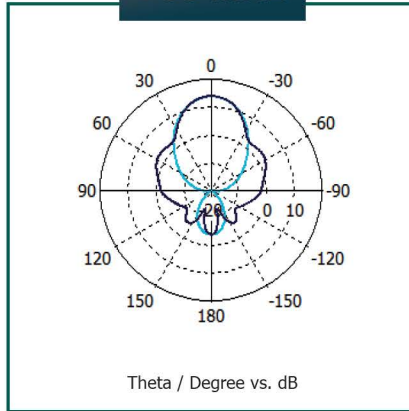


Farfield Directivity Abs (Phi= 0,90)

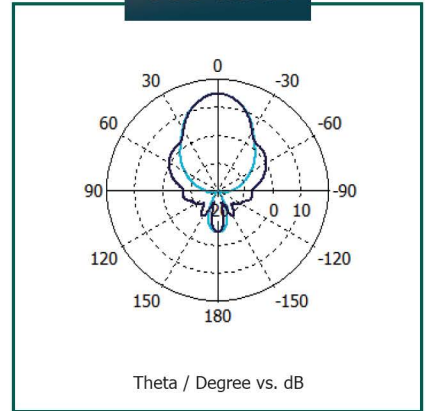
600 MHz



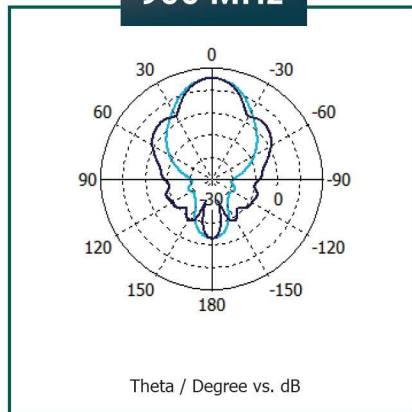
700 MHz



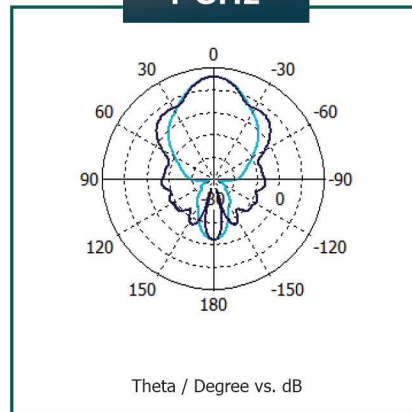
800 MHz



900 MHz



1 GHz



— E-Plane
 - - - H-Plane



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