20 dBi Gain, 73.8-110 GHz, WR10 Standard Gain Horn with 1.0mm Female Port

Rev 1

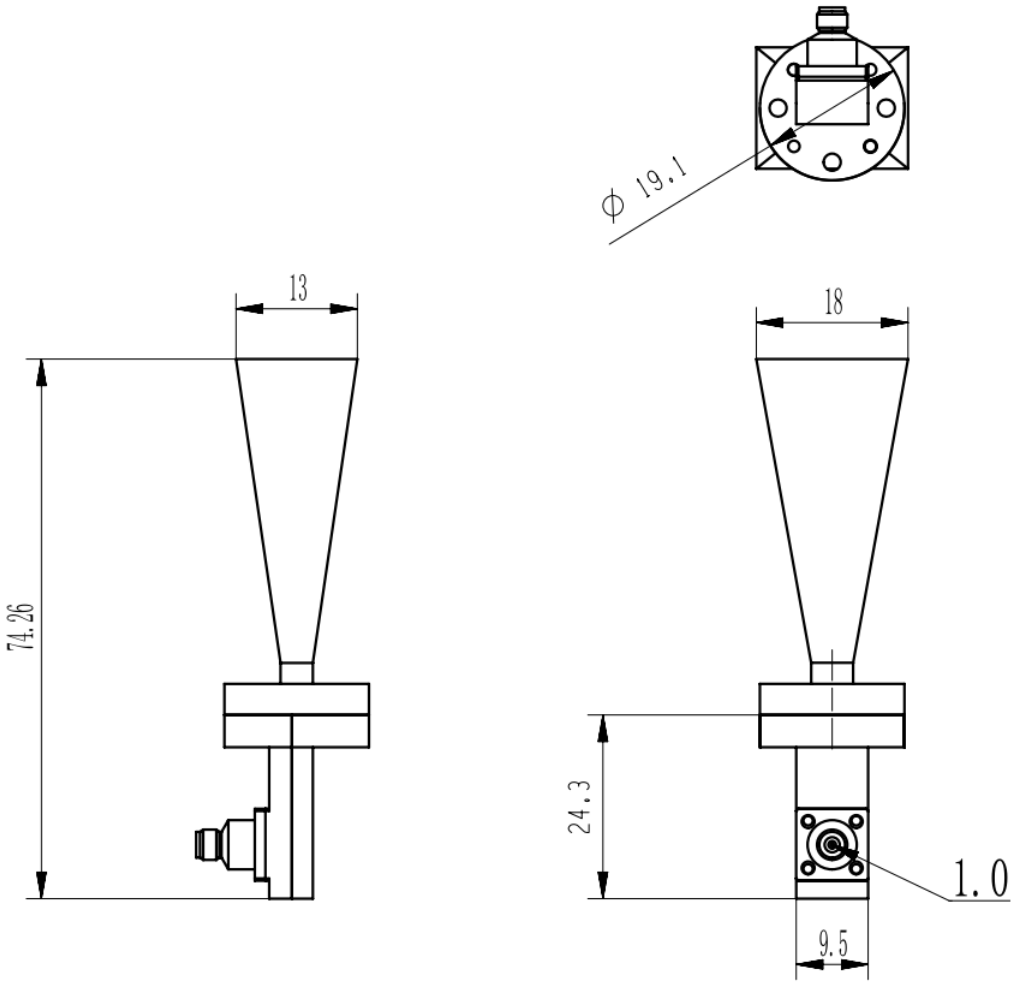
Electrical

Frequency Range	73.8-110 GHz
Norminal Gain	20 dBi
Polarization	Linear
VSWR	1.5 max
3dB Beamwidth	E-Plane: 12.1~17.3 deg, H-Plane: 11.8~17.5 deg
Operating Temperature	-40℃~+70℃

Mechanical

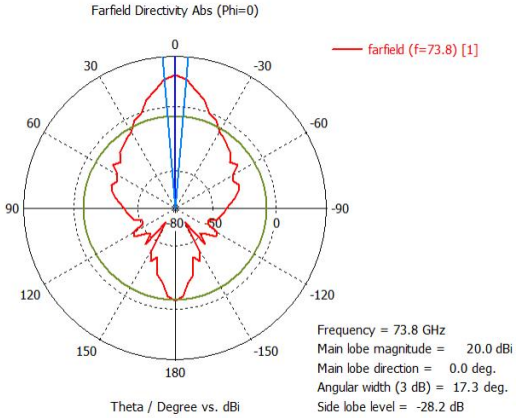
Waveguide Size	WR10
Flange Type	UG387/U-Mod Round Cover Flange
Body Material and Finish	Copper, Gold Plated
RF Connector	1.0mm Female

Dimensions(mm)

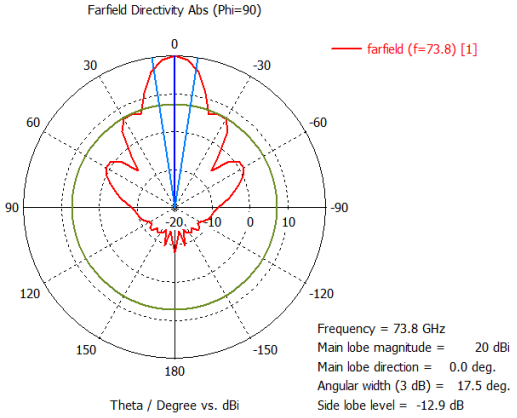


Simulated Antenna Patterns

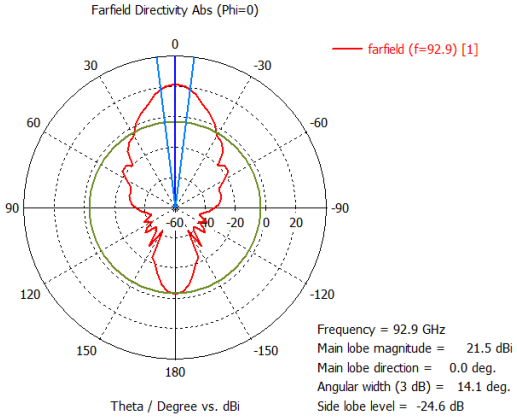
73.8GHz E-Plane



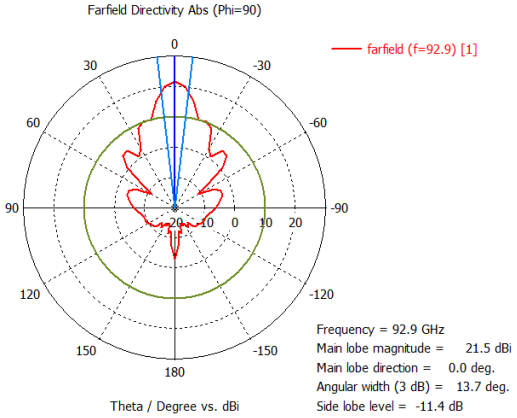
H-Plane



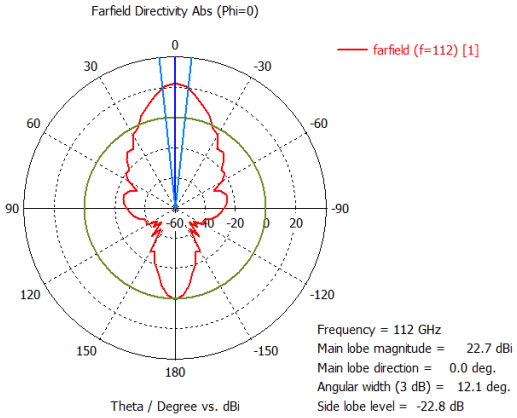
92.9GHz E-Plane



H-Plane



112GHz E-Plane



H-Plane

