



Antenna 12.4-18 GHz 20 dB Gain

Description

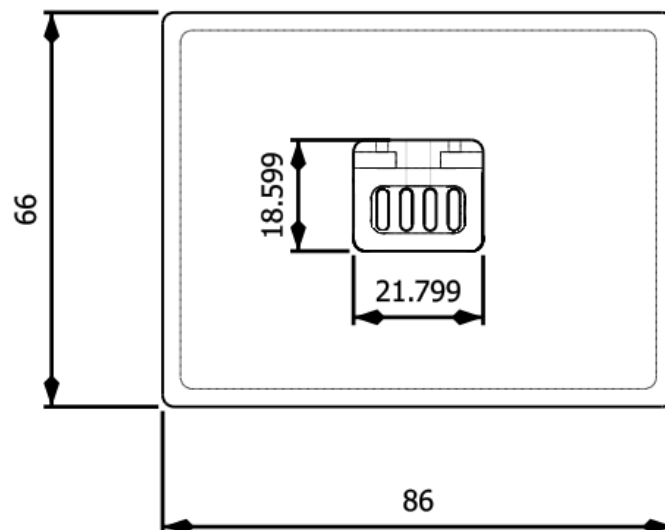
This Horn antenna operates for a frequency from 12.4 GHz to 18 GHz. It offers a typical value of 20 dB gain. The particularity of this antenna is its lightness. Indeed, this antenna is lighter than a machining one due to the realization by a 3D printer.



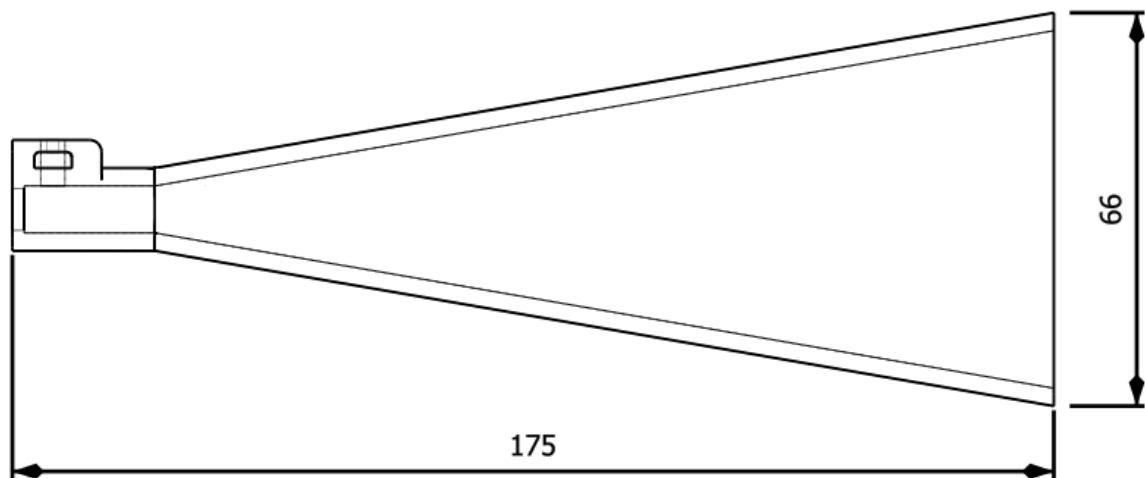
Technical specifications

Frequency (GHz)	12.4-18
Simulated Gain (dB)	20 Typ.
VSWR max	1.50
Connector	SMA-F
Waveguide	WR62
Size (mm)	86*66*175
Weight	110 g

Dimensional Drawing

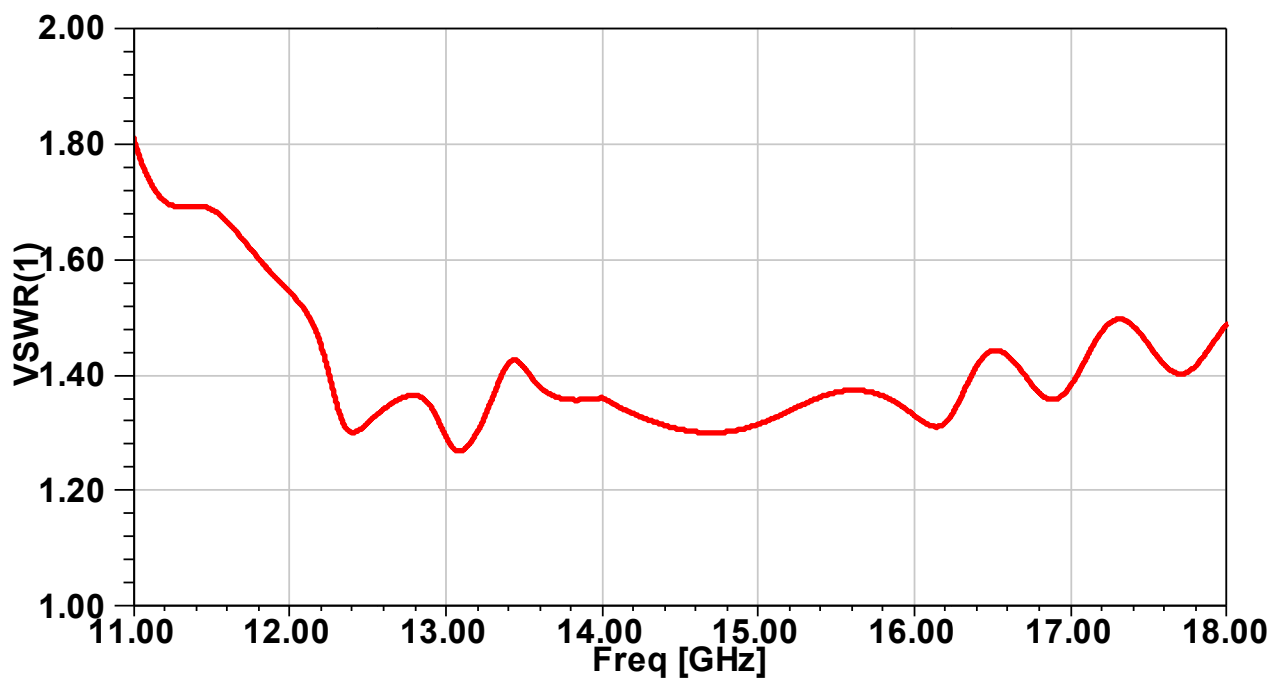


Antenna 12.4-18 GHz 20 dB Gain



Simulation results

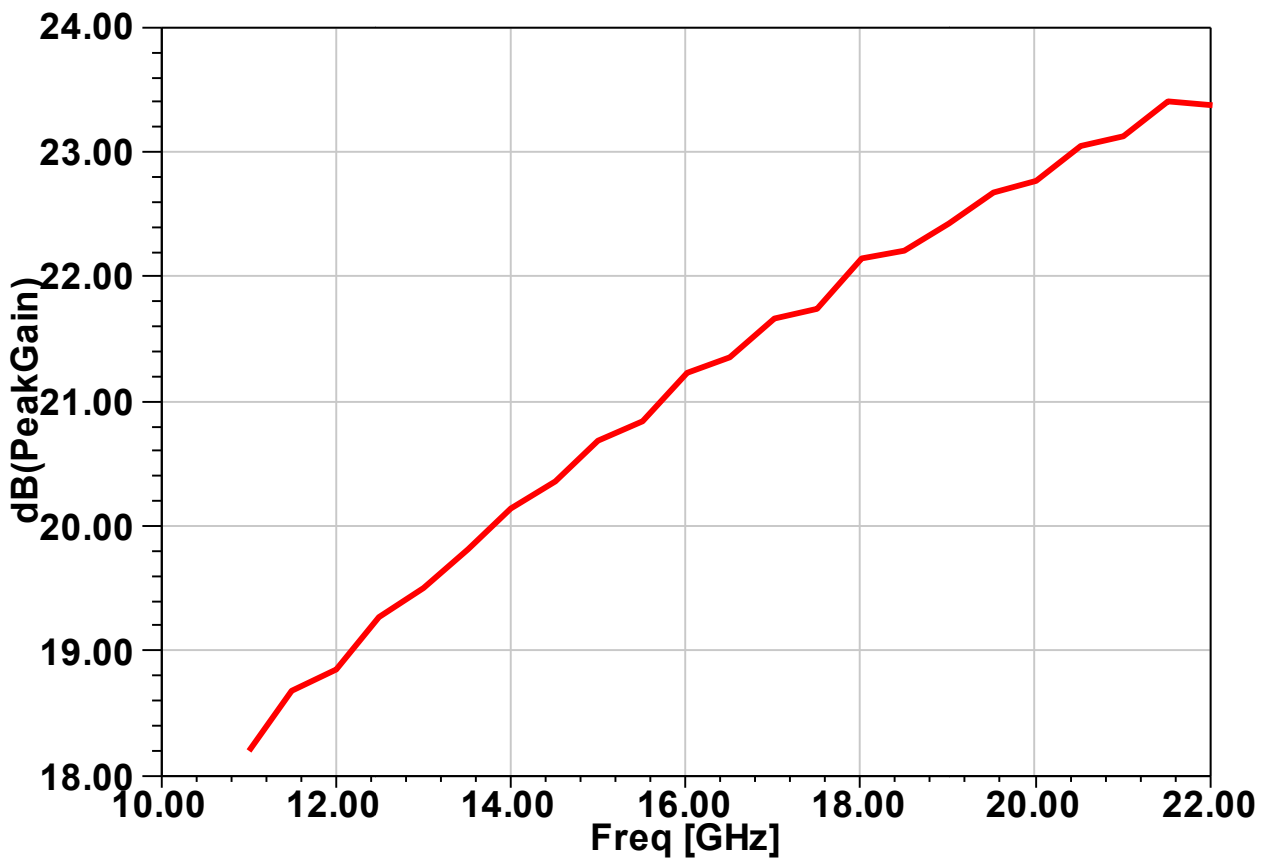
1. VSWR





Antenna 12.4-18 GHz 20 dB Gain

2.Gain



Measurement results(Reflection coefficient)

