

# Antenna 12.4-18 GHz 20 dB Gain

ELL-A3D-SP-124018002000-03

## Description

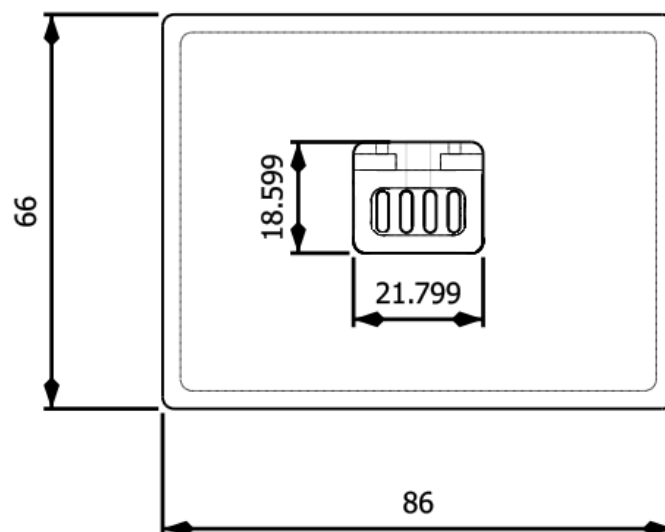
This Horn antenna operates for a frequency from 12.4 GHz to 18 GHz. It offers a typical value of 20 dB gain. The particularity of this antenna is its lightness. Indeed, this antenna is lighter than a machining one due to the realization by a 3D printer.



## 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

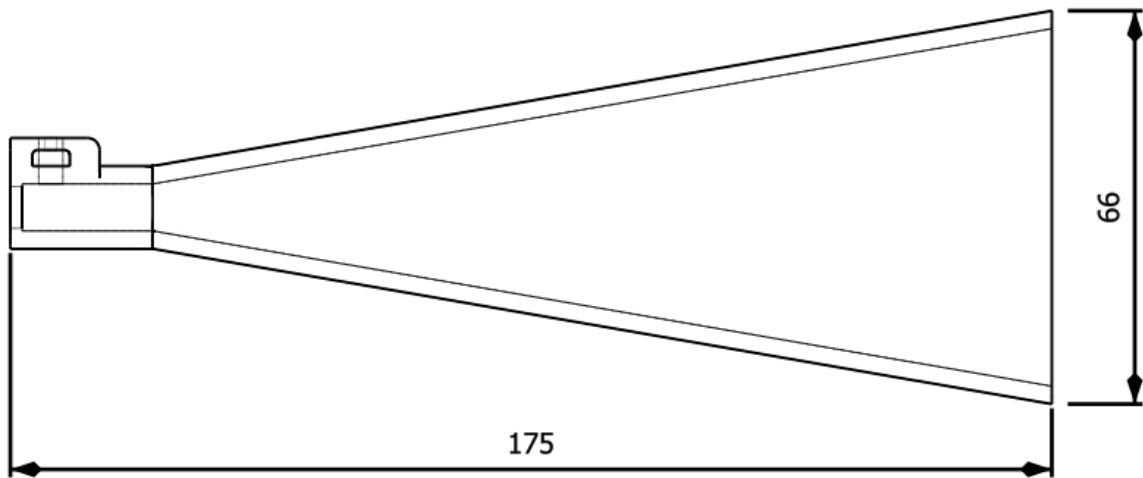




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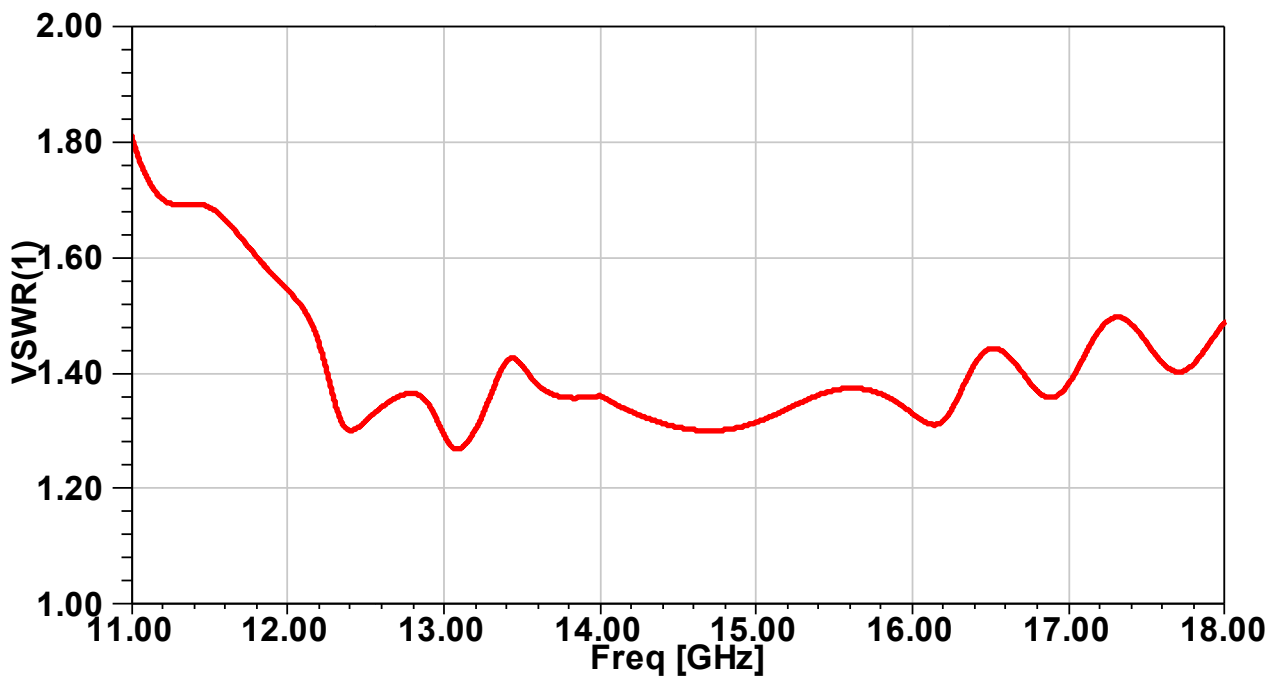
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## Simulation results

### 1. VSWR

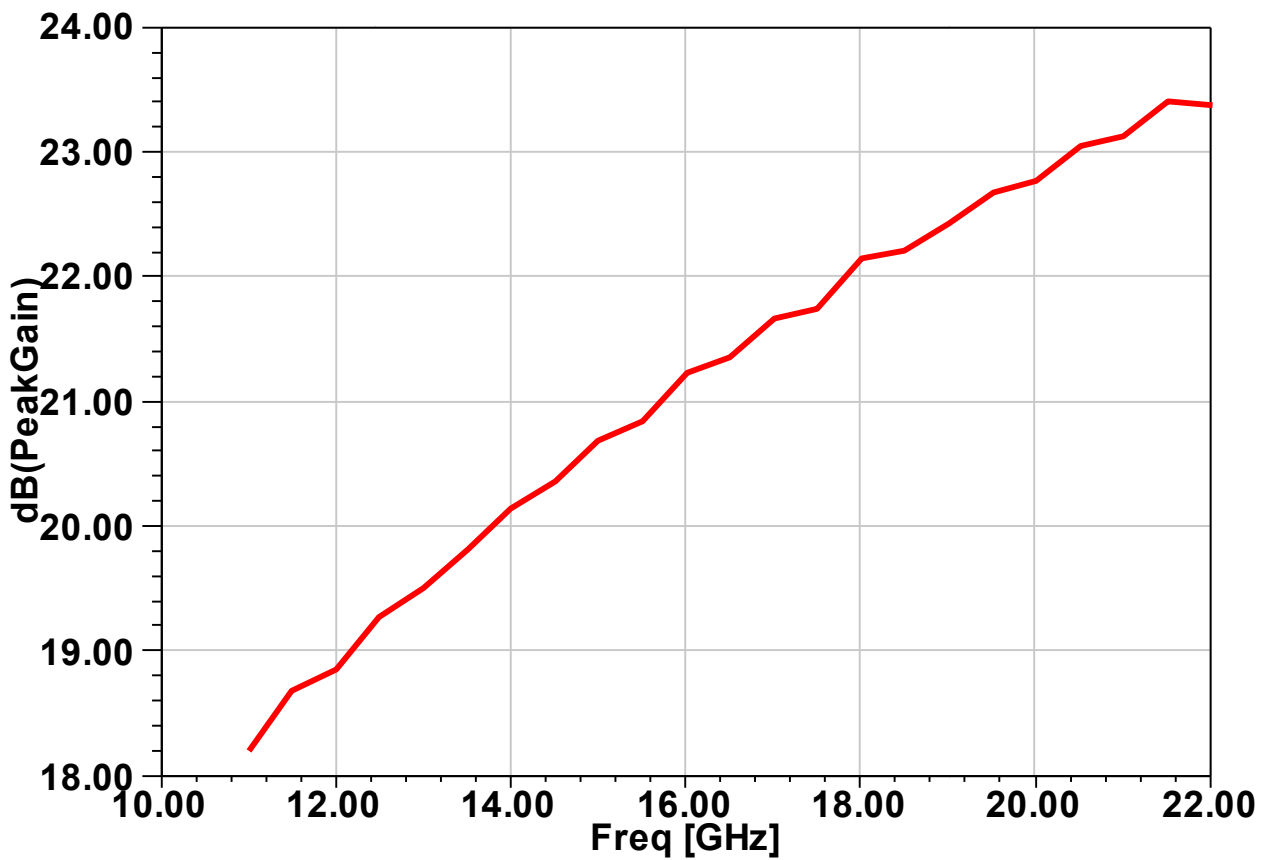




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## 2.Gain



## Measurement results (Reflection coefficient)

