

Antenna 26.5-40 GHz 15 dB Gain

ELL-A3D-SP-265040001500-02

Description

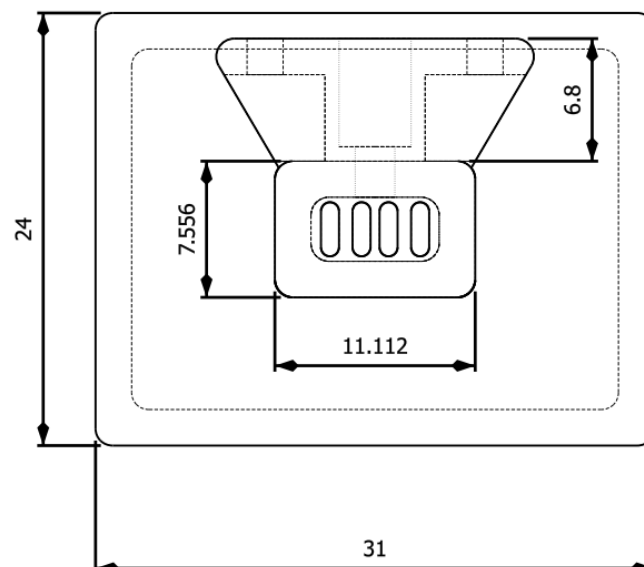
This Horn antenna operates for a frequency from 26.5 GHz to 40 GHz. It offers a typical value of 15 dB gain. The particularity of this antenna is its lightness. Indeed, this antenna is lighter than a machining one due to the realization by a 3D printer.



Technical specifications

Frequency (GHz)	26.5-40
Simulated Gain (dB)	15 Typ.
VSWR max	1.8
Connector	SMA-F
Waveguide	WR28
Size (mm)	31*24*45
Weight	10 g

Dimensional Drawing

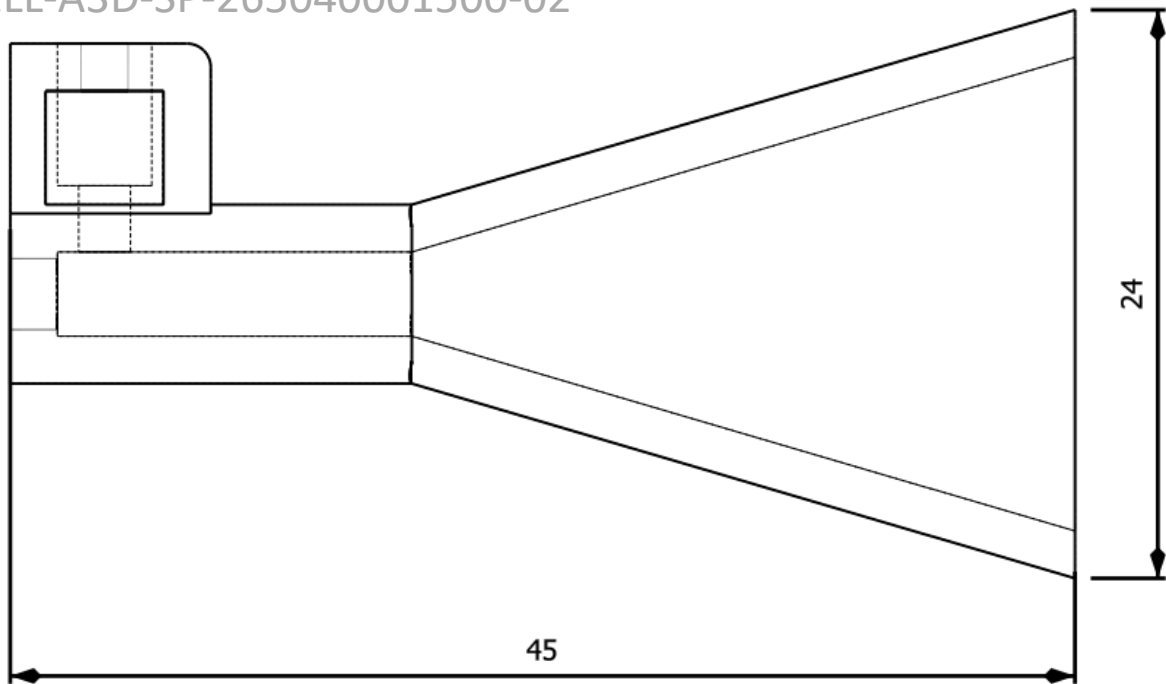




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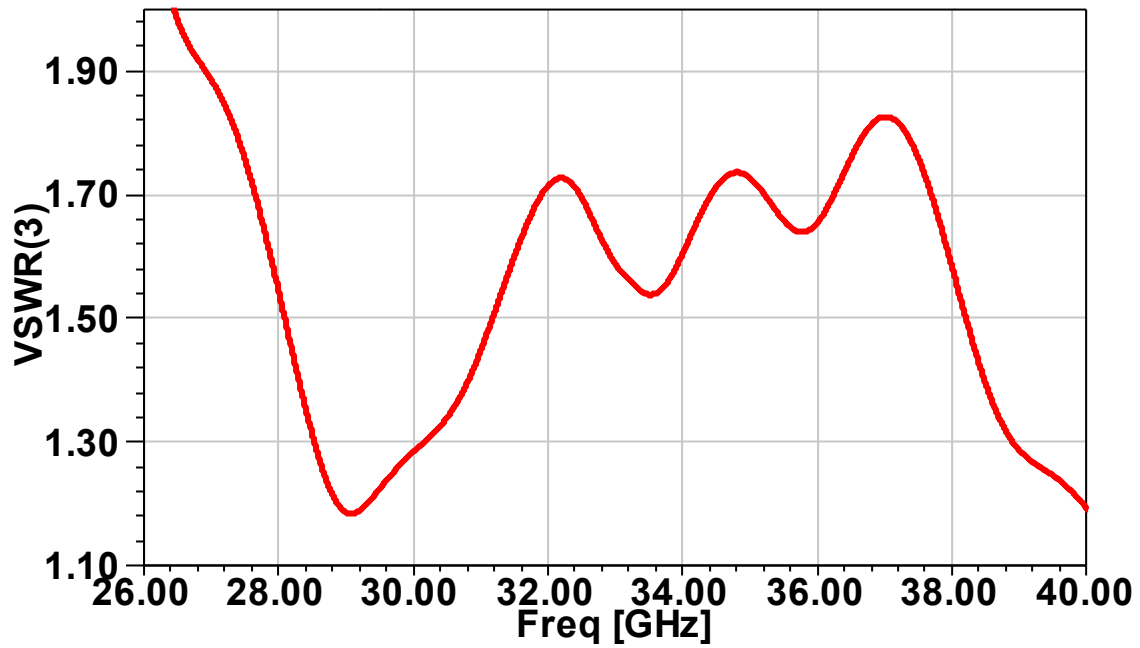
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Simulation results

1. VSWR

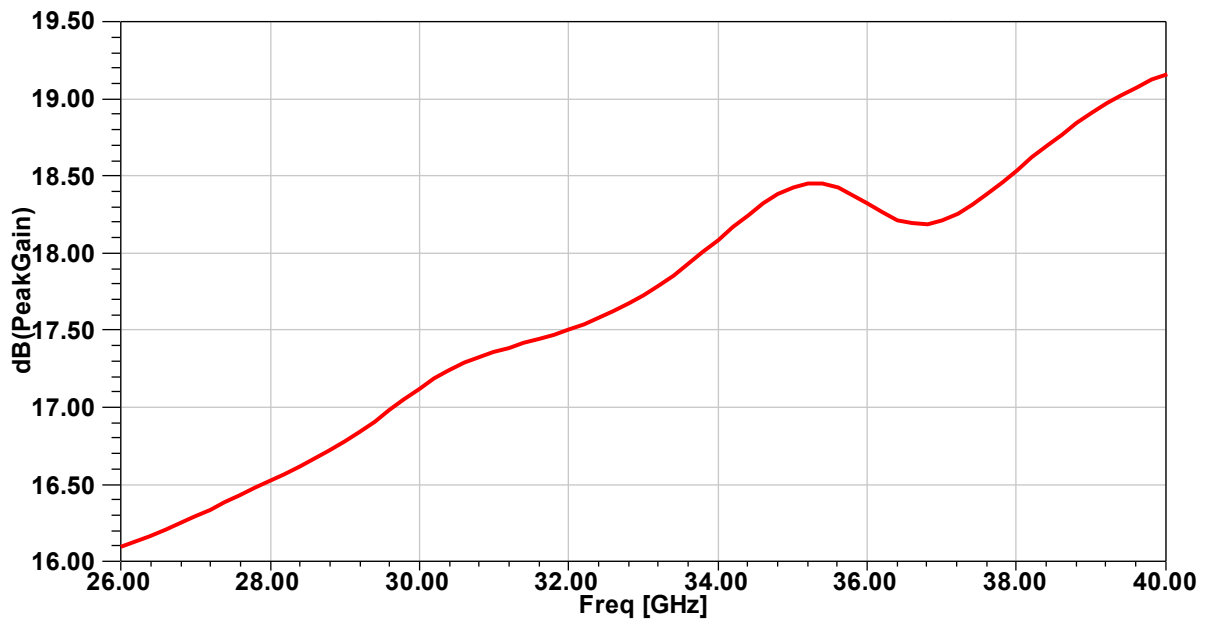




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2.Gain



Measurement results (Reflection coefficient)

