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Antenna 18-26.5 GHz 20 dB Gain

ELL-A3D-SP-180026502000-03

Description

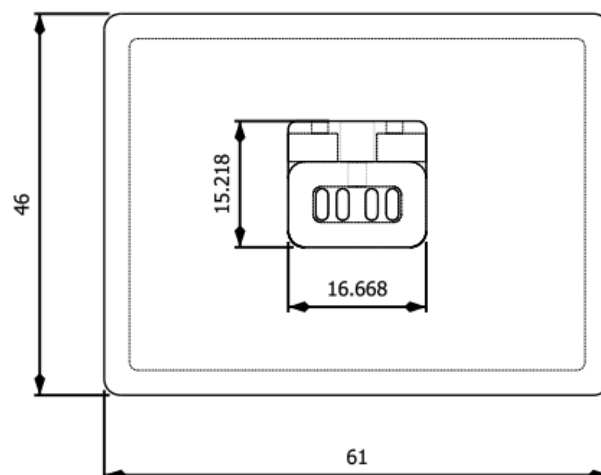
This Horn antenna operates for a frequency from 18 GHz to 26.5 GHz. It offers a typical value of 20 dB gain. The particularity of this antenna is its lightness. Indeed, this antenna is lighter than a machining one due to the realization by a 3D printer.



Technical specifications

Frequency (GHz)	18-26.5
Simulated Gain (dB)	20 Typ.
VSWR max	1.70
Connector	SMA-F
Waveguide	WR42
Size (mm)	61*46*130
Weight	58 g

Dimensional Drawing

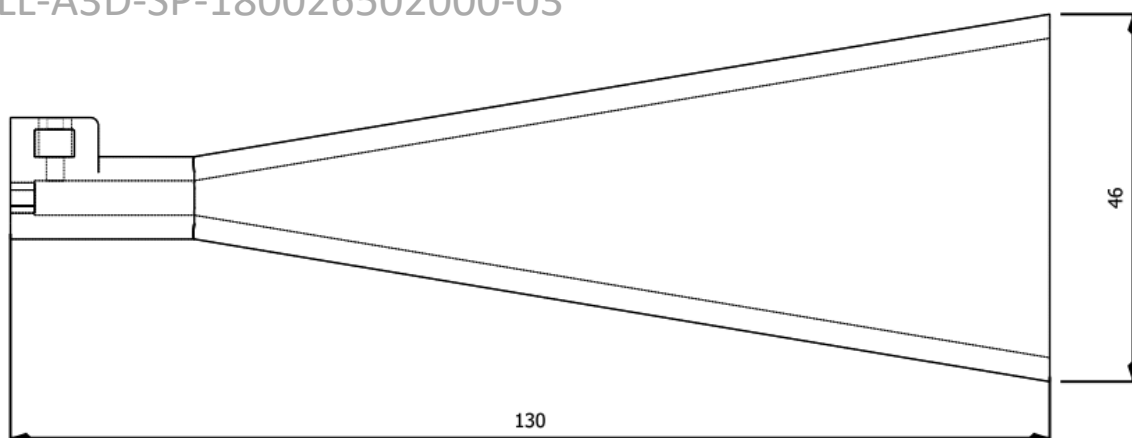




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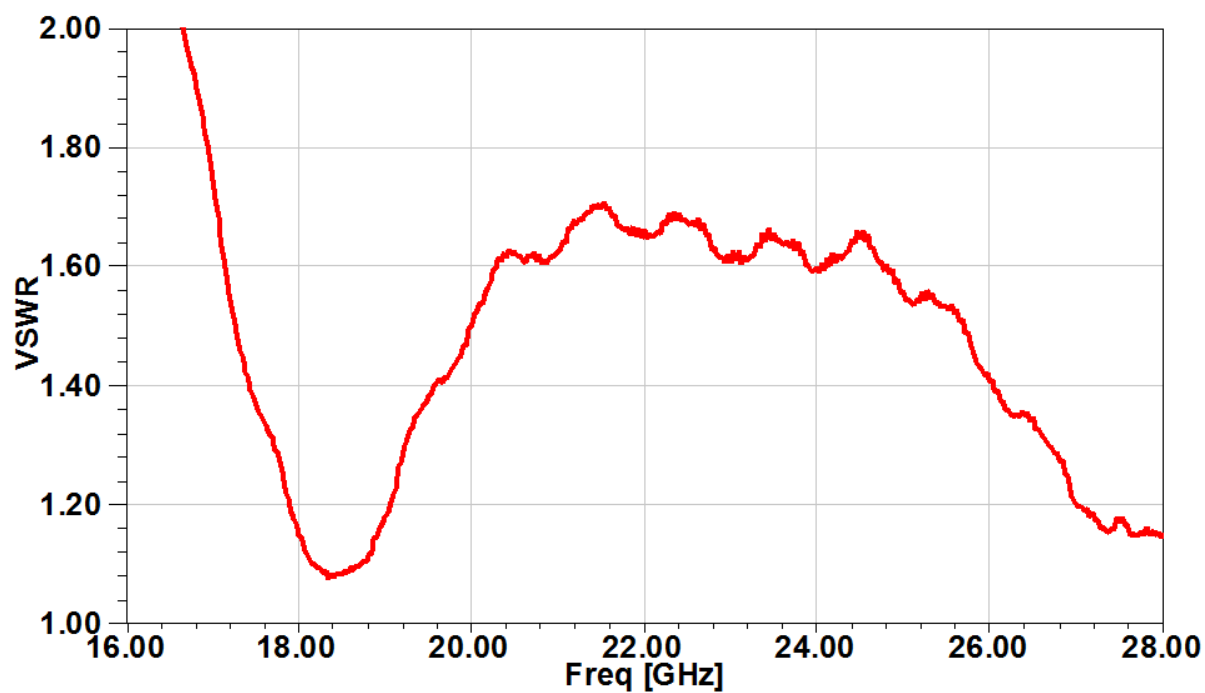
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Simulation results

1.VSWR



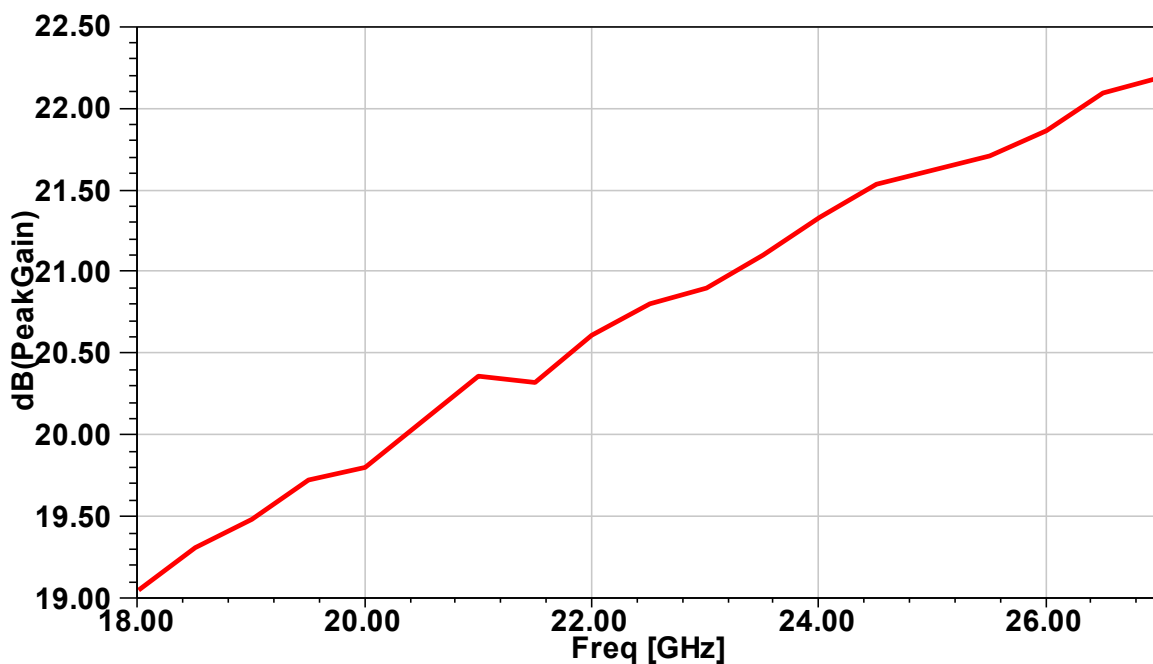


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2.Gain

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Measurement results (Reflection coefficient)

