



Antenna 5.8-8.2 GHz 10 dB Gain

ELL-A3D-SP-058008201000-01

Description

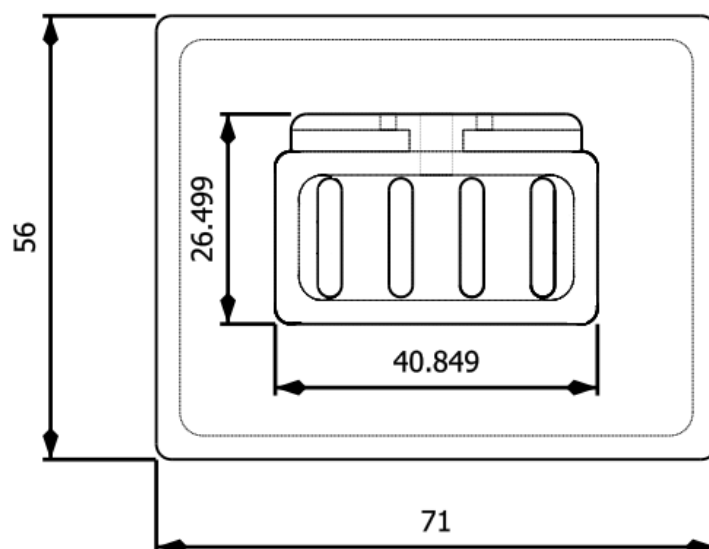
This Horn antenna operates for a frequency from 5.8 GHz to 8.2 GHz. It offers a typical value of 10 dB gain. The particularity of this antenna is its lightness. Indeed, this antenna is lighter than a machining one due to the realization by a 3D printer.



Technical specifications

Frequency (GHz)	5.8-8.2
Simulated Gain (dB)	10 Typ.
VSWR max	1.70
Connector	SMA-F
Waveguide	WR137
Size (mm)	71*56*110
Weight	60 g

Dimensional Drawing

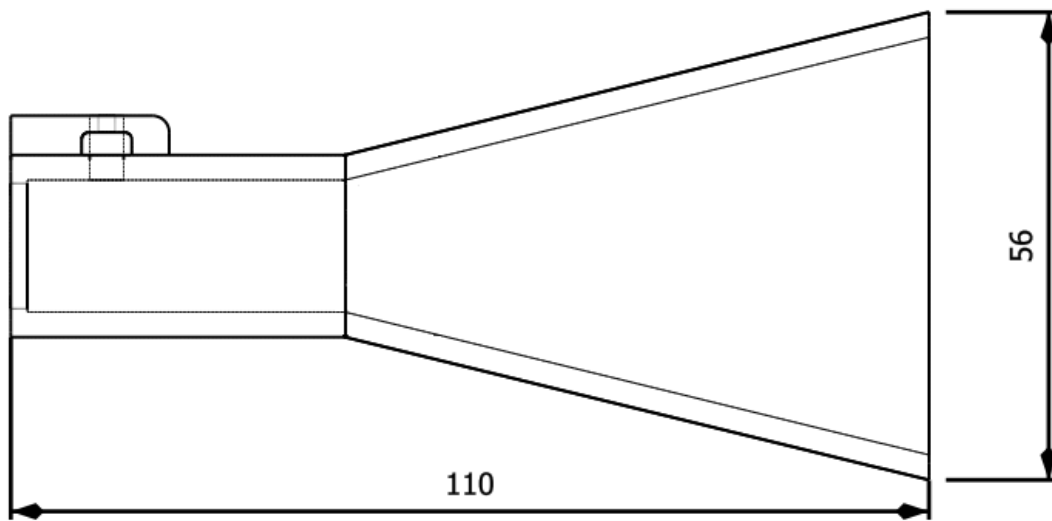




Antenna 5.8-8.2 GHz 10 dB Gain

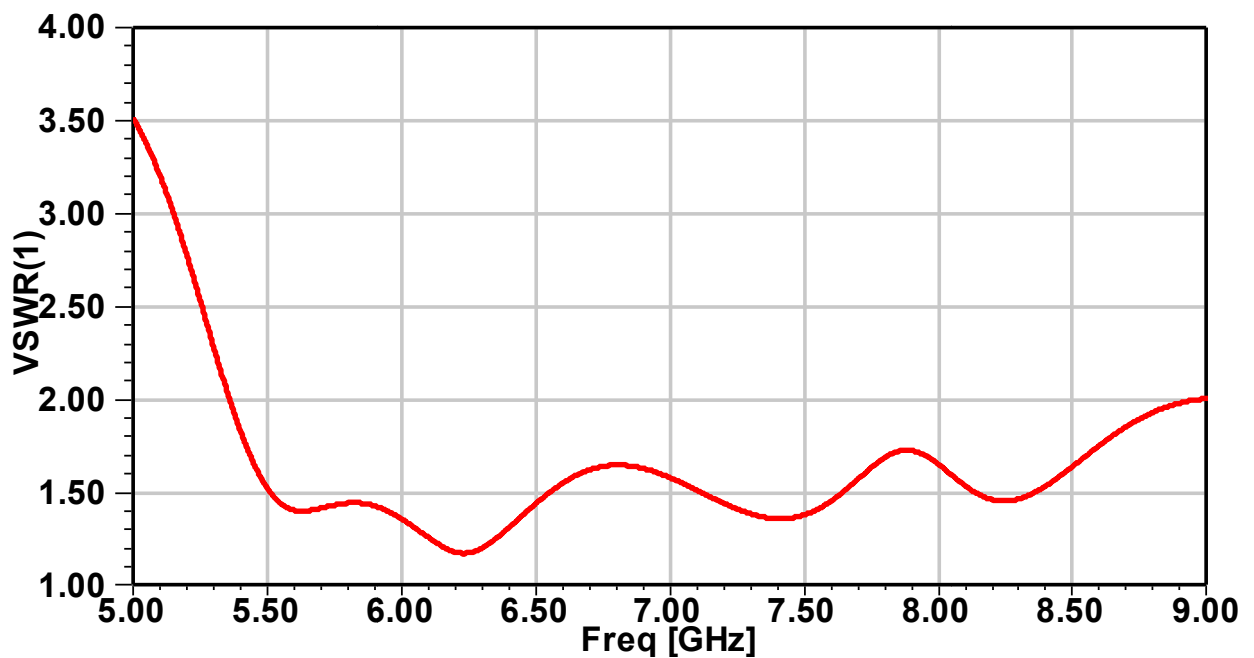
elliptika®

ELL-A3D-SP-058008201000-01



Simulation results

1. VSWR



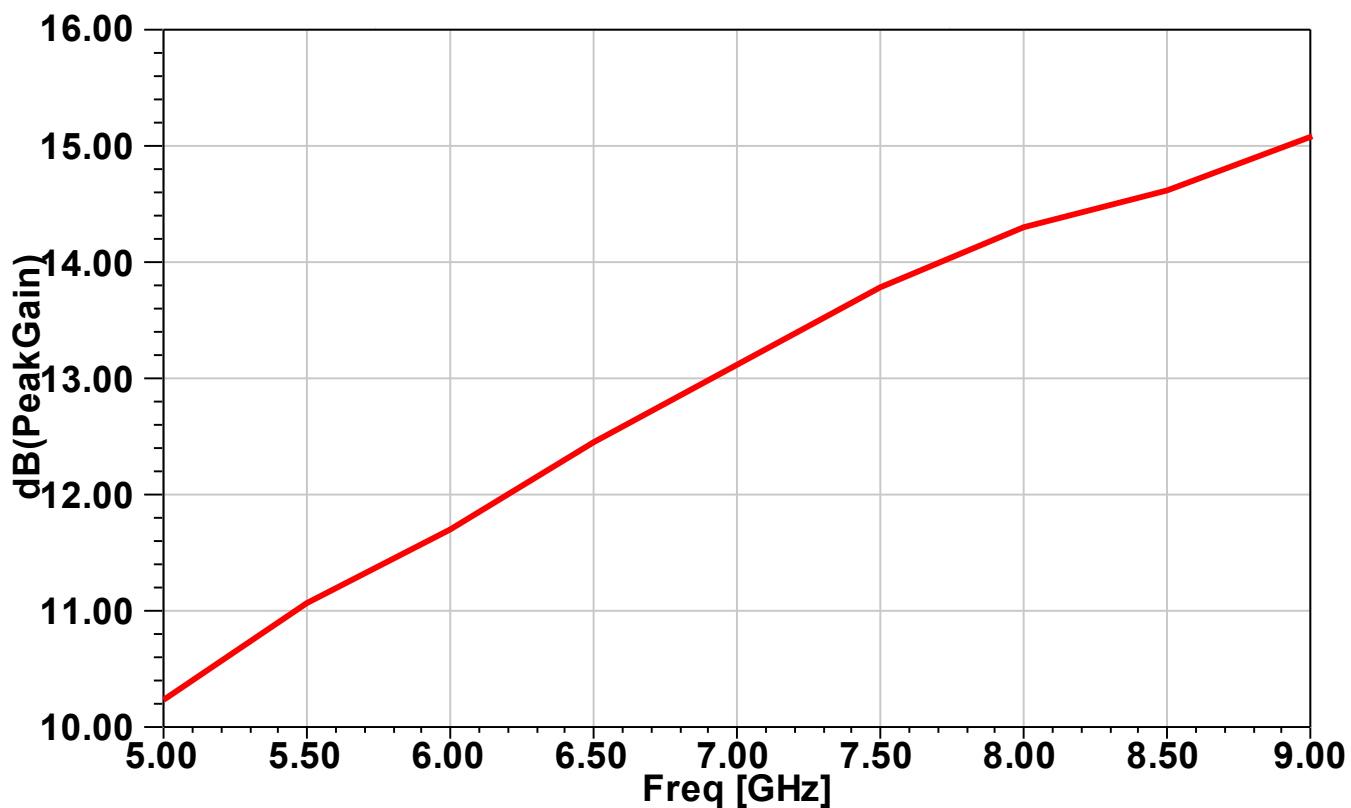


Antenna 5.8-8.2 GHz 10 dB Gain

elliptika®

2.Gain

ELL-A3D-SP-058008201000-01



Measurement results (Reflection coefficient)

