

Standard Gain Horn Antenna
25 dBi Typ. Gain, 260-400GHz Frequency Range

Standard Gain Horn Antenna Data

RM-SGHA2.8-25

Features

- Wide Bandwidth
- Linear Polarization
- Low VSWR
- Small Size

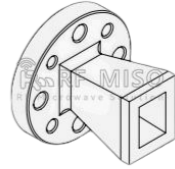
Description

RF MISO's **Model RM-SGHA2.8-25** is a linear polarized standard gain horn antenna that operates from 260 to 400 GHz. The antenna offers a typical gain of 25dBi and low VSWR <1.2. This antenna's applications are high-precision detection, imaging, communications and scientific research

Specifications

RM-SGHA2.8-25		
Item	Specification	Units
Frequency Range	260-400	GHz
Wave-guide	2.8	
Gain	25 Typ.	dBi
VSWR	<2	
Polarization	Linear	
Cross Polarization	50	dB
3dB Beamwidth,E-Plane	6.9~10.0	deg
3dB Beamwidth,H-Plane	7.9~11.9	deg
Material	Brass	
Size	Ø19.1*21.5(±5)	mm
Weight	0.017	kg

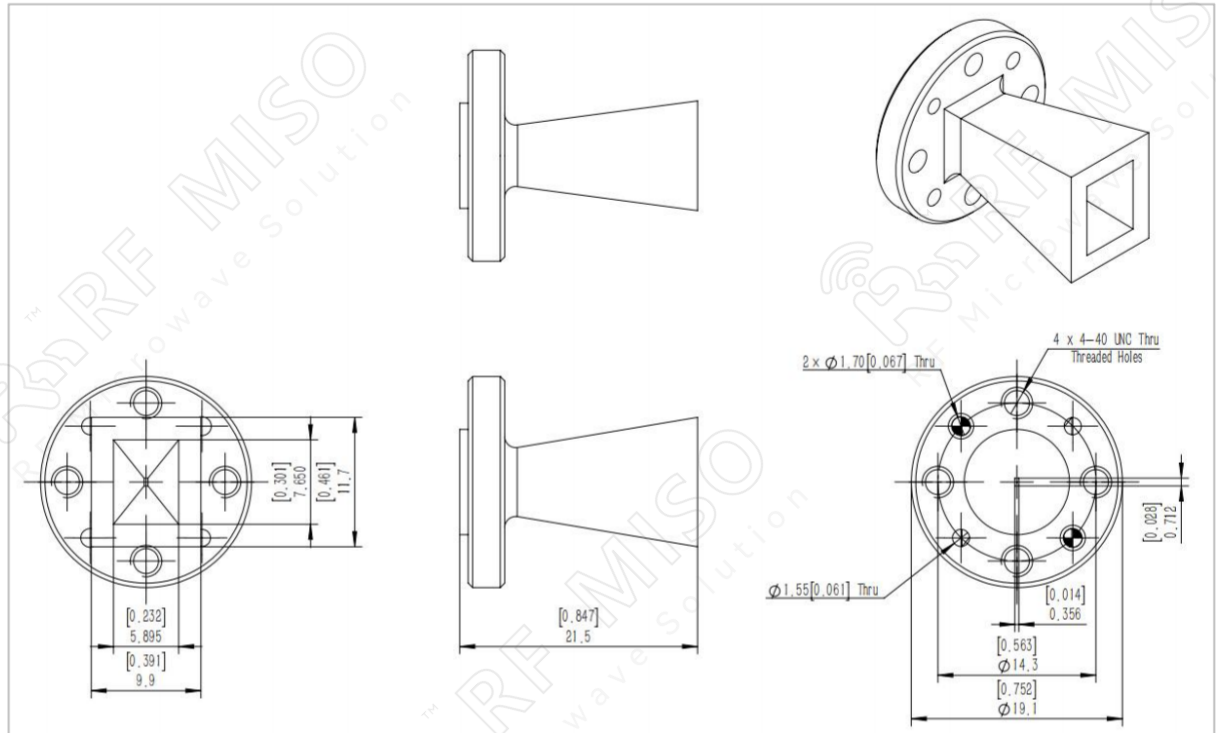
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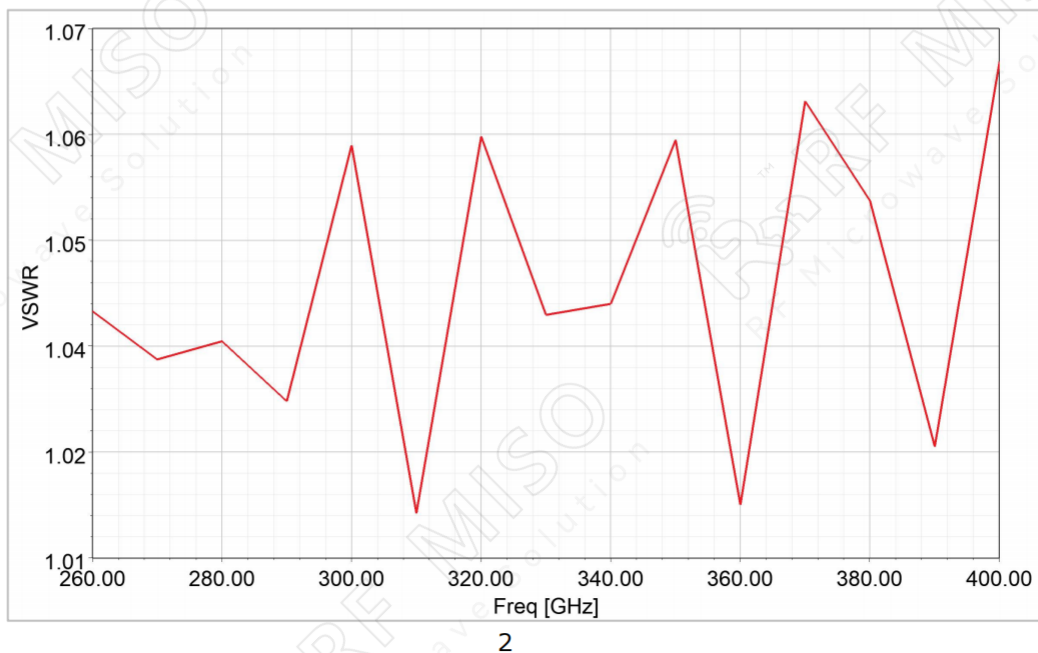
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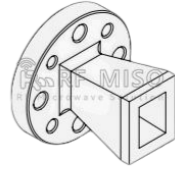
Outline Drawing



Simulated Data

VSWR



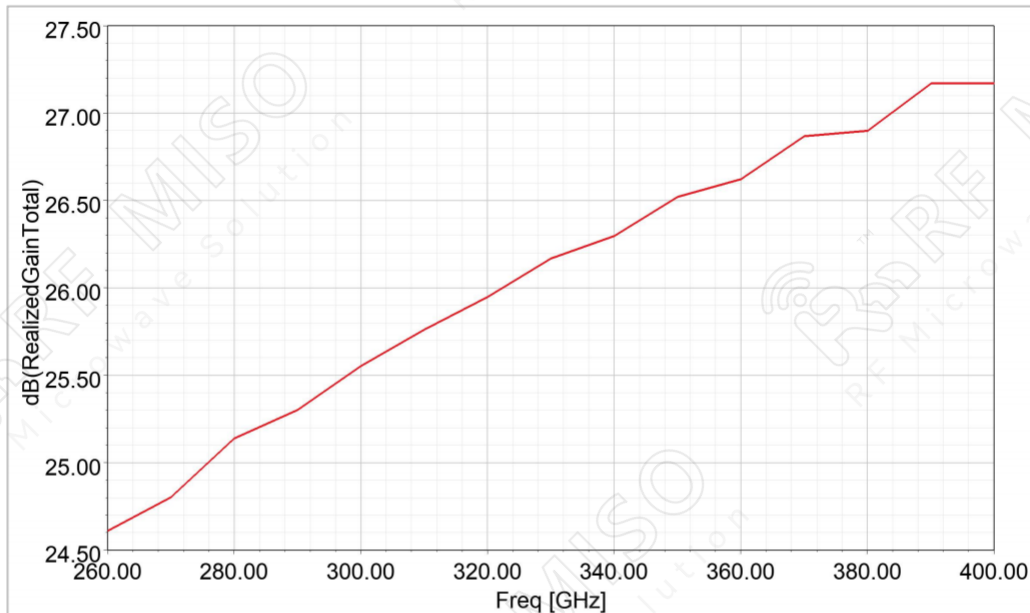


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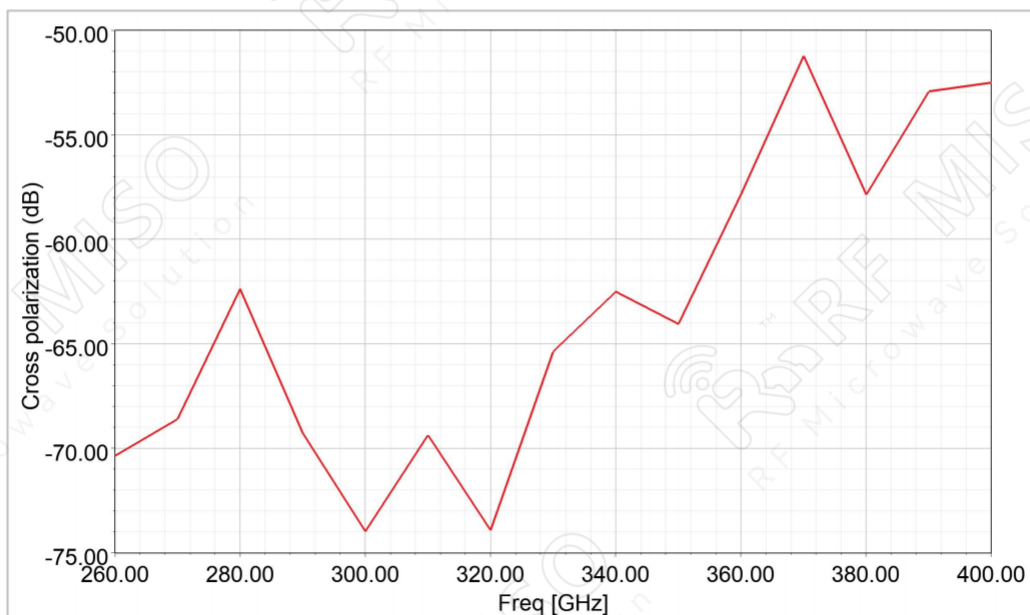
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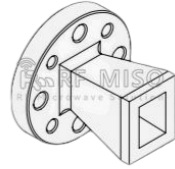
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Gain



Cross Polarization





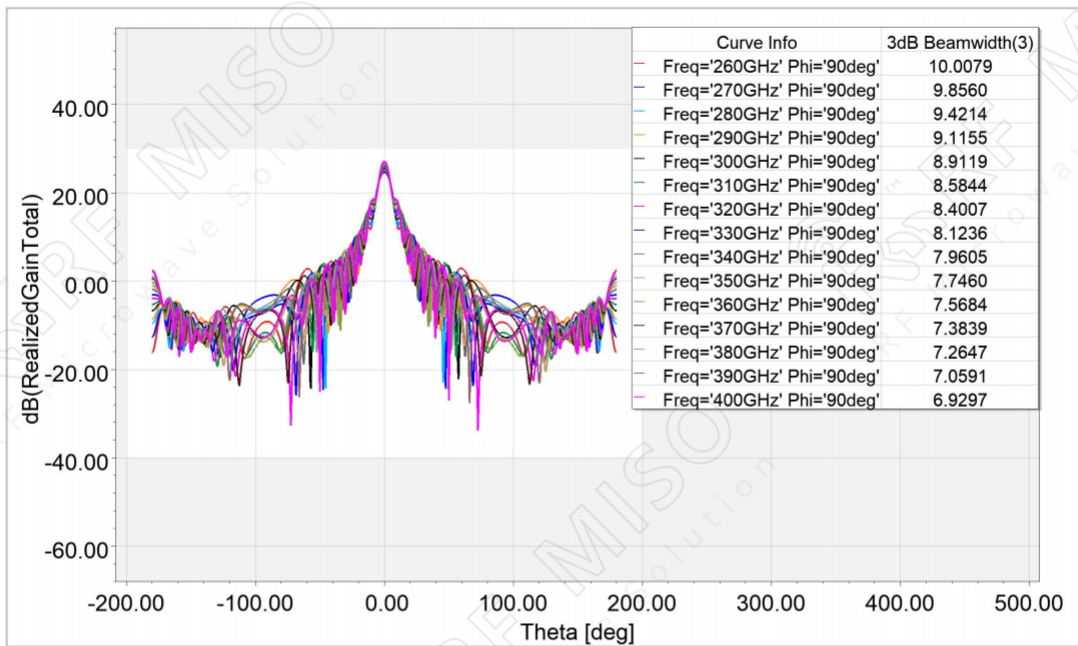
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Gain Pattern

E-Plane



H-Plane

