



Standard Gain Horn Antenna
25dBi Typ. Gain, 40-60 GHz Frequency Range

Standard Gain Horn Antenna Data

RM-SGHA19-25

Features

- Square Wave-guide Interface
- Low Side-lobe
- High Efficiency
- Standard Waveguide
- Linear Polarization

Descriptions

RF MISO's **Model RM-SGHA19-25** is a linear polarized standard gain horn antenna that operates from 40 to 60 GHz. The antenna offers a typical gain of 25 dBi and low VSWR 1.2:1. This antenna has flange input and coaxial input for customers to rotate.

Specifications

RM-SGHA19-25		
Parameters	Specification	Unit
Frequency Range	40-60	GHz
Wave-guide	WR19	
Gain	25 Typ.	dBi
VSWR	1.2 Typ.	
Polarization	Linear	
Interface	2.4-Female	
Material	Al	
Finishing	Paint	
Size	171.3*58.6*49.2(L*W*H)	mm
Weight	0.111	kg

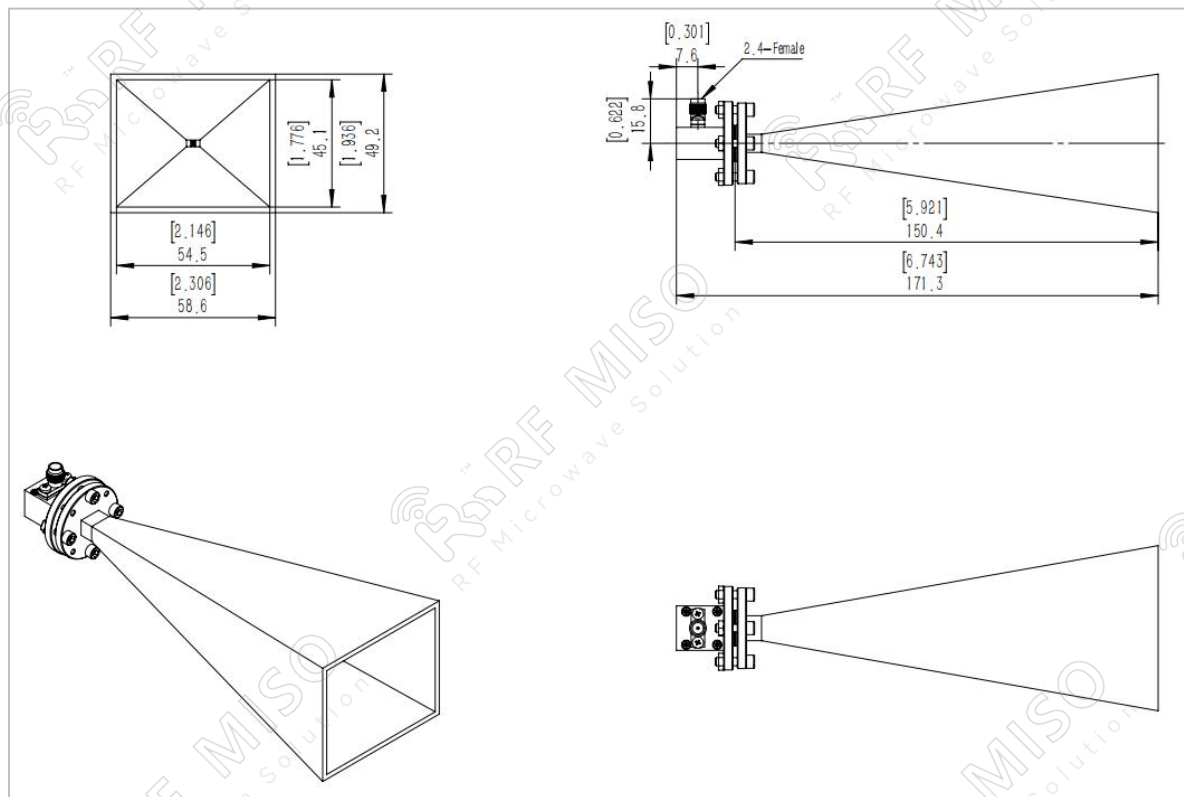
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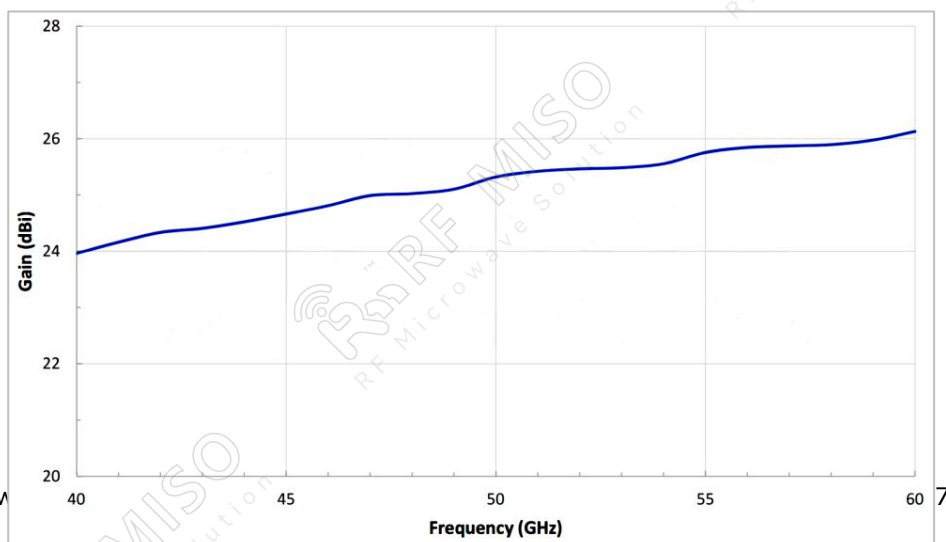
RM-SGHA19-25

Outline Drawing



Simulation Results

Gain



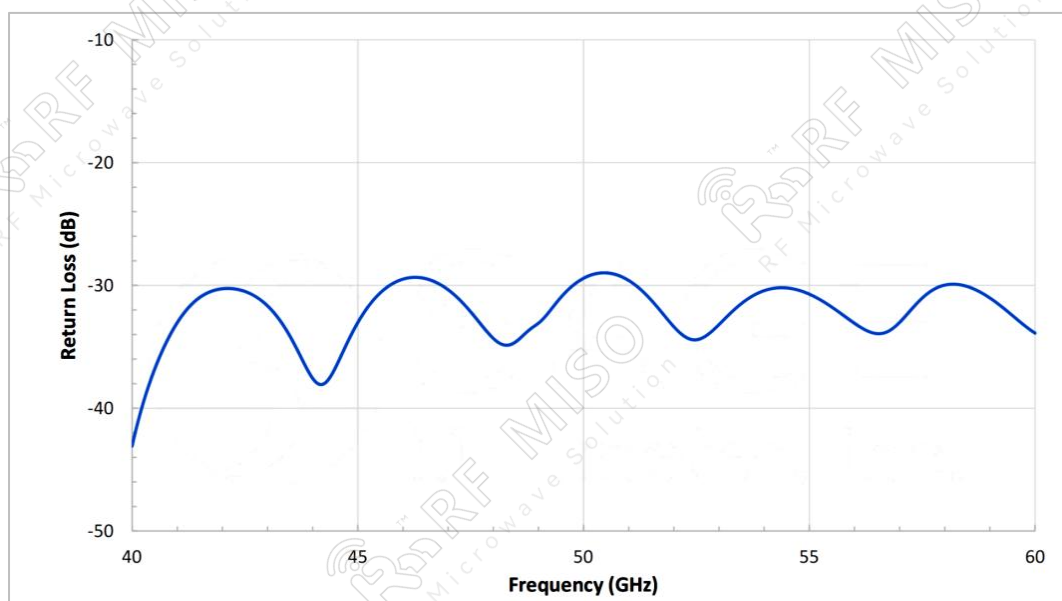
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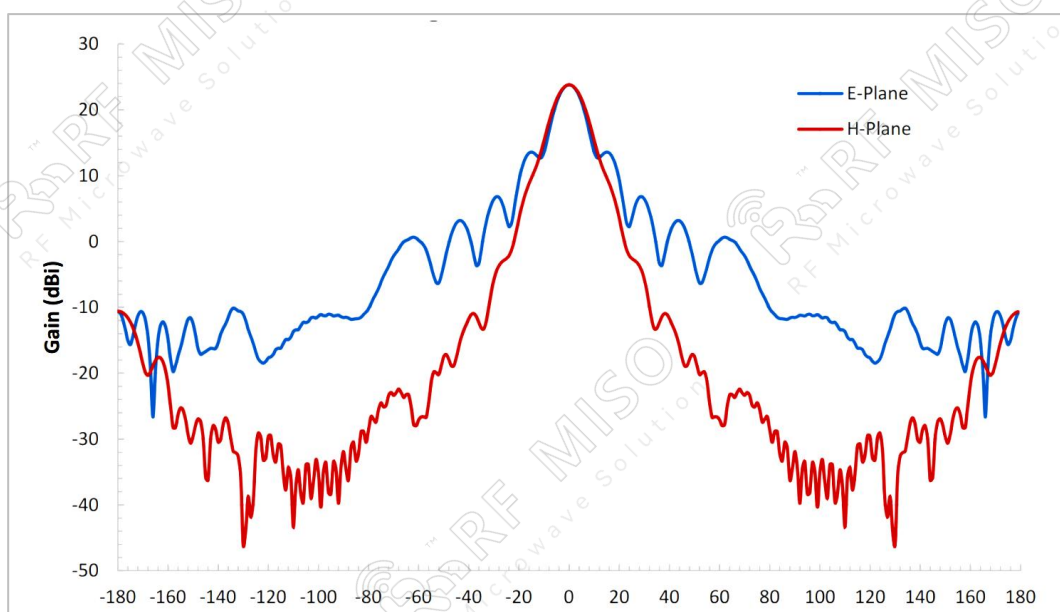
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Return Loss



Gain Pattern



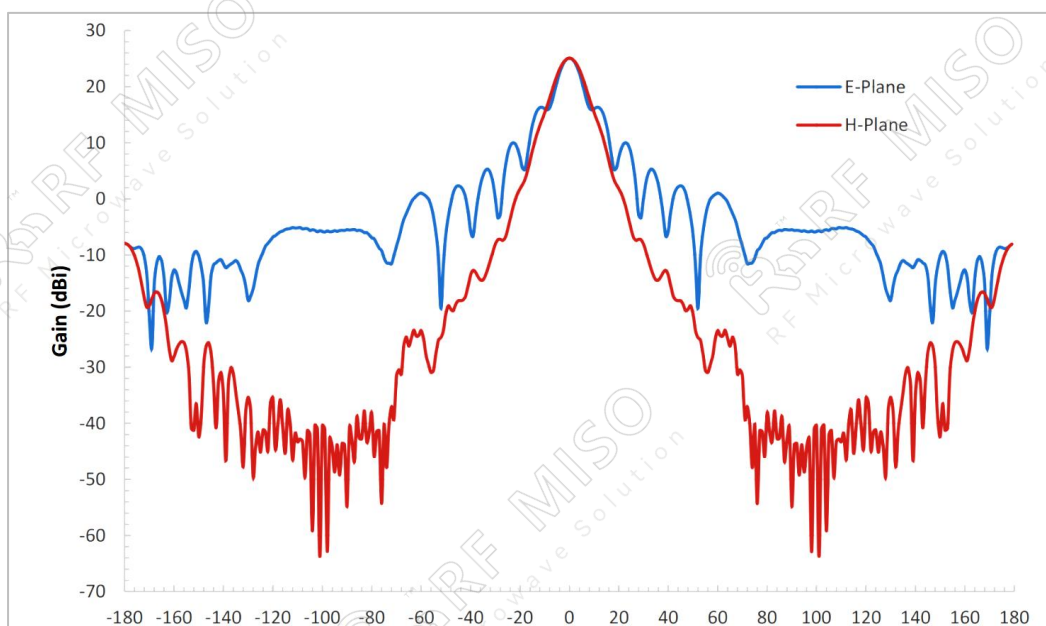
40GHz
3

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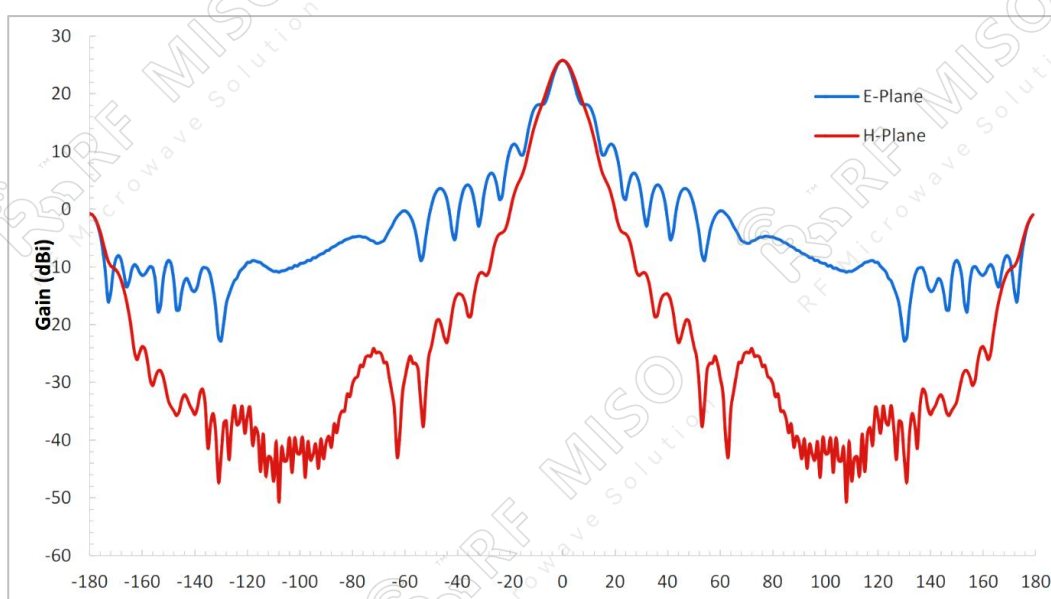


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50GHZ



60GHZ