

Broadband Horn Antenna
10 dBi Typ.Gain, 1 GHz-6 GHz Frequency Range



Broadband Horn Antenna Data Sheet

RM-BDHA16-10S

Features

- Double-Ridge Waveguide
- Linear Polarization
- SMA Female Connector
- Mounting Bracket Included

Description

The **RM-BDHA16-10S** from RF MISO is a broadband gain horn antenna that operates from 1 to 6 GHz. The antenna offers a typical gain of 10 dBi and VSWR1.5:1 with an SMA Female coaxial connector. The antenna is used in a variety of applications such as microwave testing, satellite antenna testing, direction finding, surveillance, plus EMC and antenna measurements.

Specifications

RM-BDHA16-10S		
Item	Specification	Units
Frequency Range	1-6	GHz
Gain	10 Typ.	dBi
VSWR	1.5:1 Typ.	
Polarization	Linear	
Connector	SMA-Female	
Material	Al	
Surface Treatment	Paint	
Size(L*W*H)	160.87*160*120.8(±5)	mm
Weight	0.869	kg
Power Handling(cw)	50	w
Power Handling(peak)	100	w

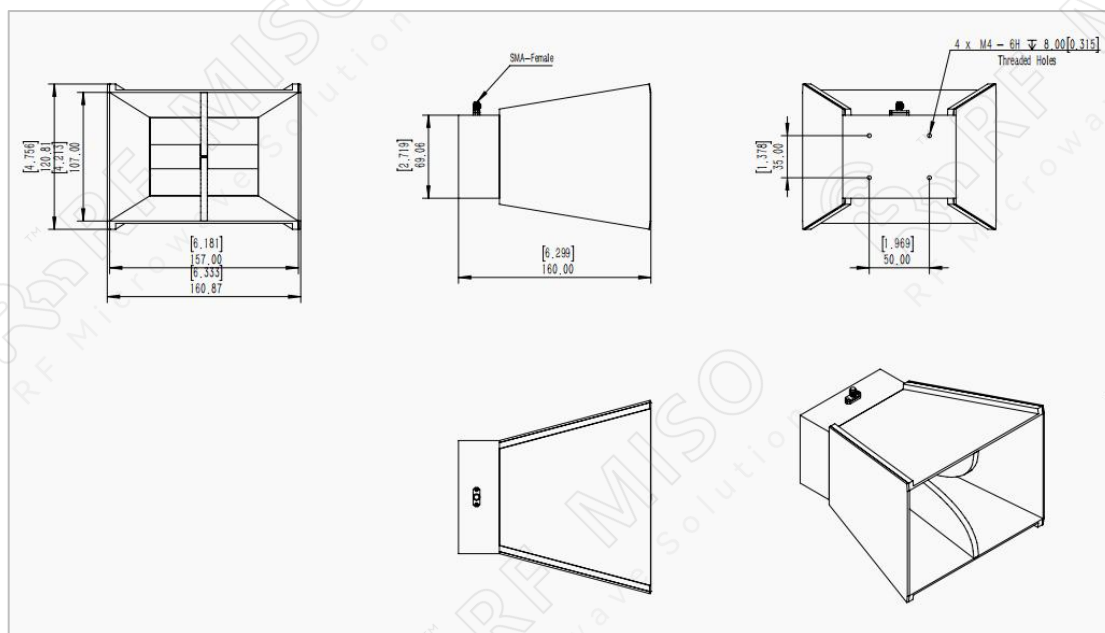
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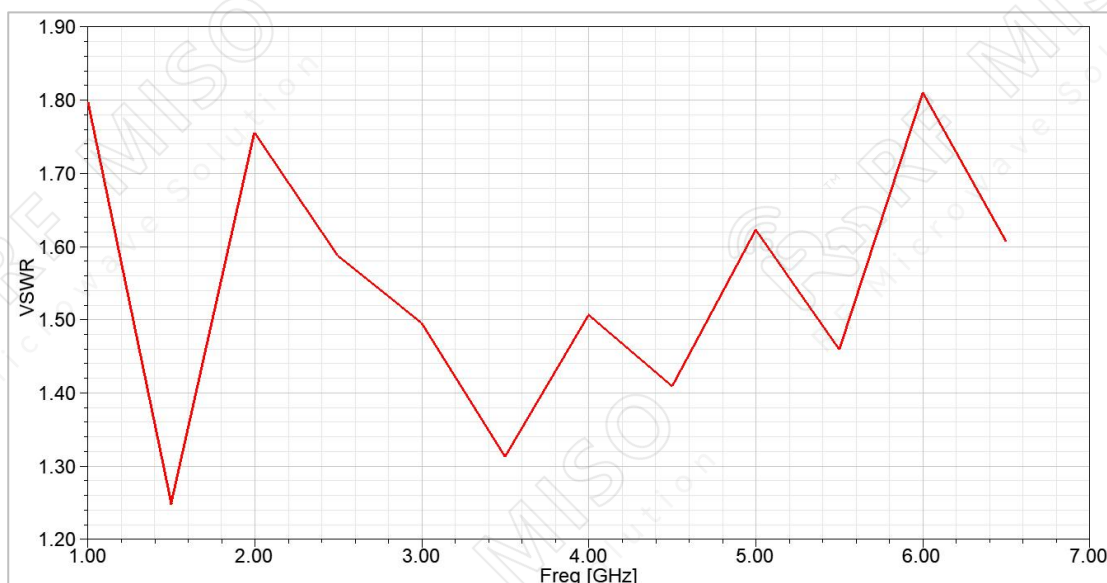
RM-BDHA16-10S

Outline Drawing (Size: mm)



Simulated Data

VSWR



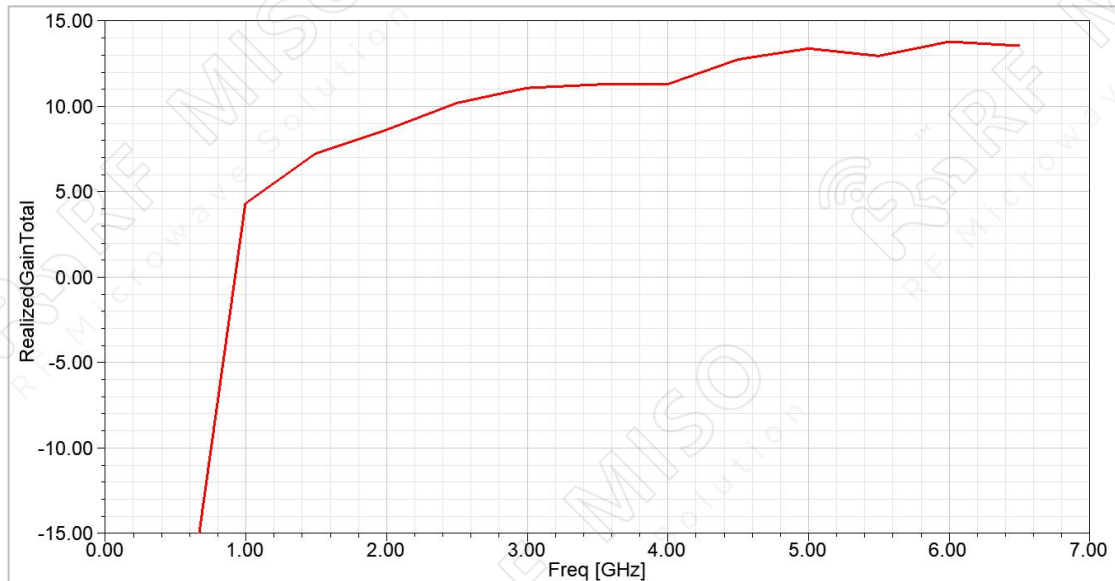


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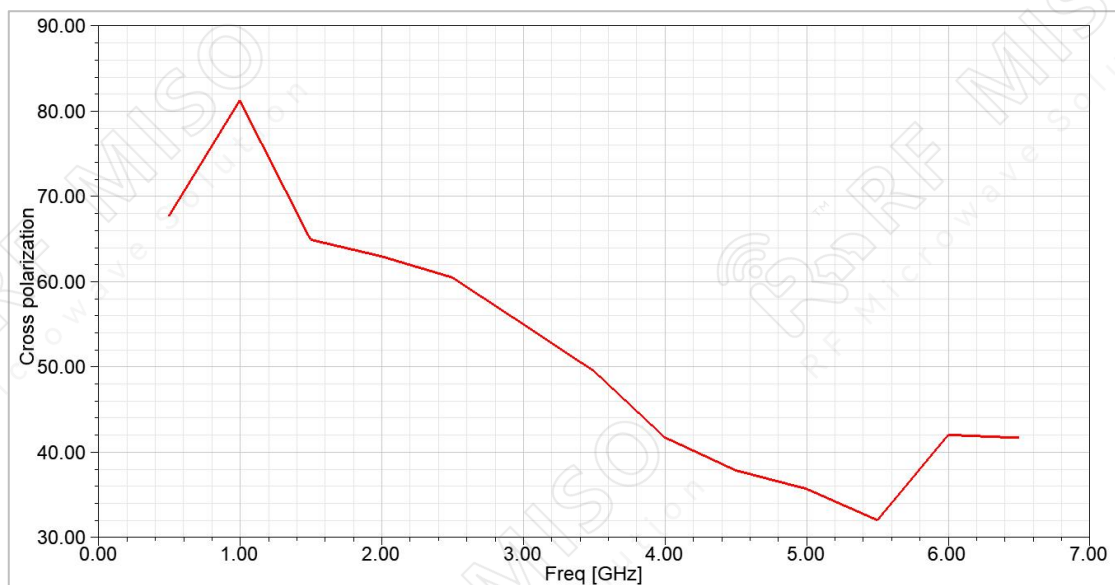
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Gain



Cross Polarization



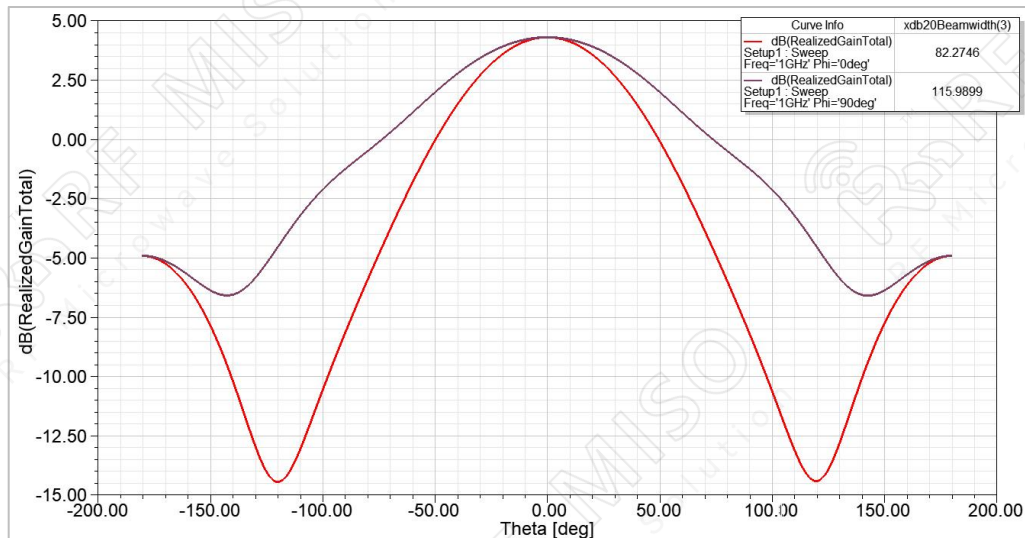


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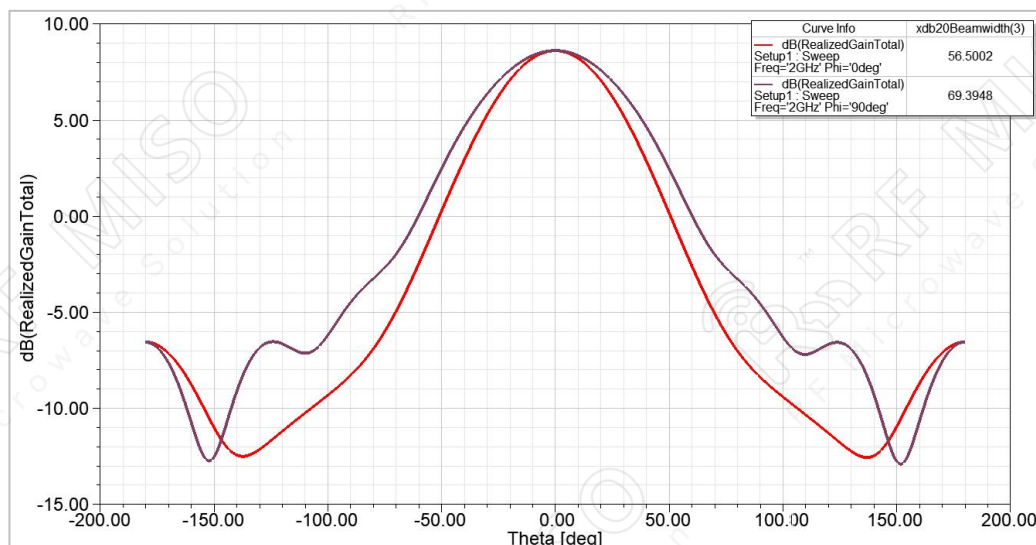
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Gain Pattern



1 GHz



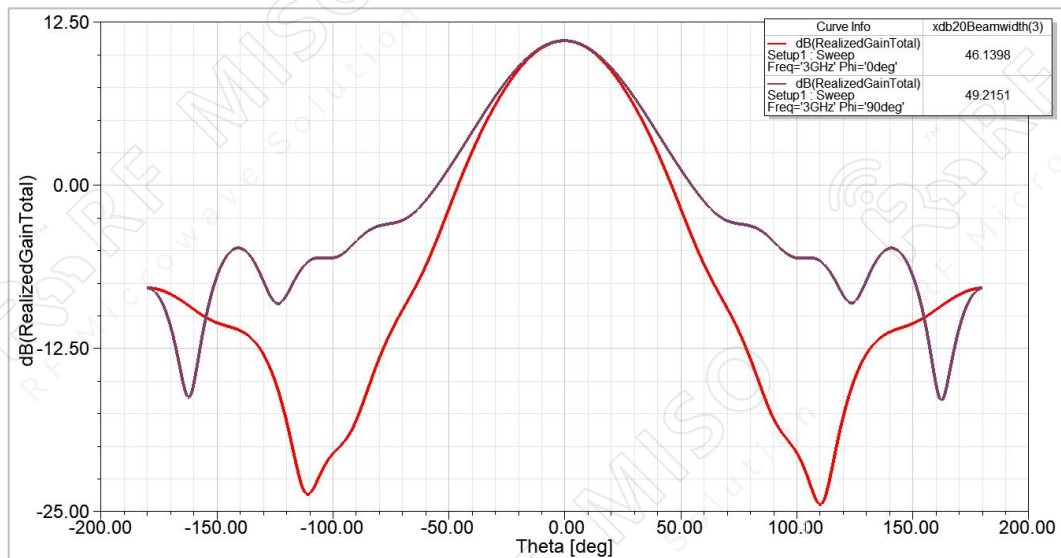
2 GHz



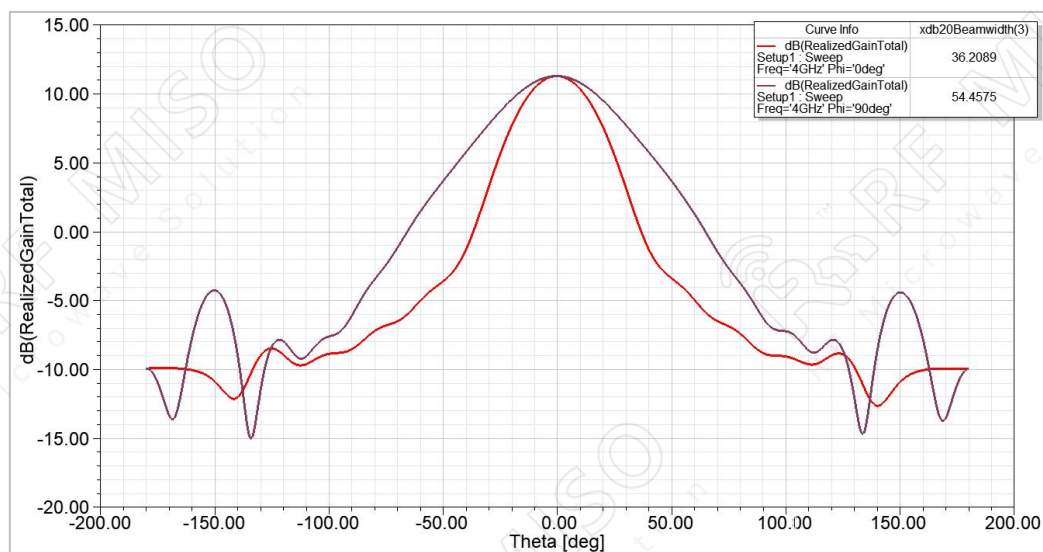
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3 GHz



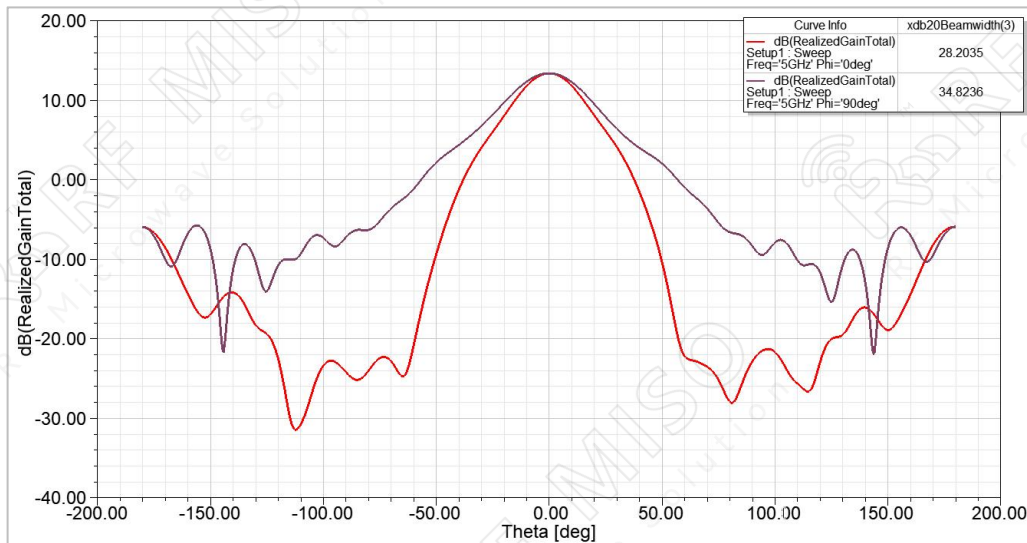
4 GHz



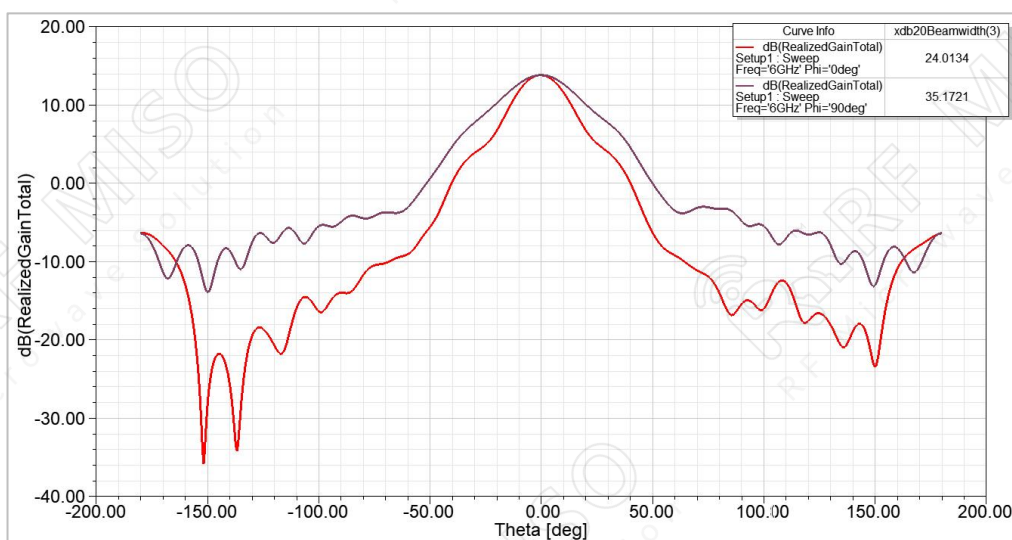
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5 GHz



6 GHz