

*Broadband Horn Antenna  
15 dBi Typ. Gain, 1 GHz-8 GHz Frequency Range*

## Broadband Horn Antenna Data Sheet

**RM-BDHA18-15**

### Features

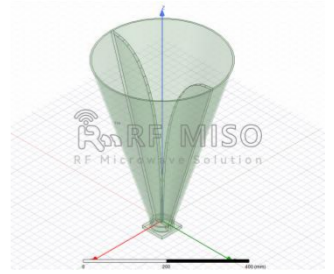
- Double-Ridge Waveguide
- Mounting Bracket Included
- SMA Female Connector

### Description

The **RM-BDHA18-15** from RF MISO is a broadband gain horn antenna that operates from 1 to 8 GHz. The antenna offers a typical gain of 15 dBi and VSWR1.4:1 with an SMA Female coaxial connector. Featuring high-power handling capability, low loss, high directivity and near constant electrical performance, 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-BDHA18-15		
Item	Specification	Units
Frequency Range	1-8	GHz
Gain	15 Typ.	dBi
VSWR	1.4 Typ.	
Polarization	Linear	
Connector	SMA-F((N-Female avillable)	
Average Power	50	w
Peak Power	100	w
Material	Al	
Surface Treatment	Paint	
Size(L*W*H)	514*349.8*375(±5)	mm
Weight	4.250	kg

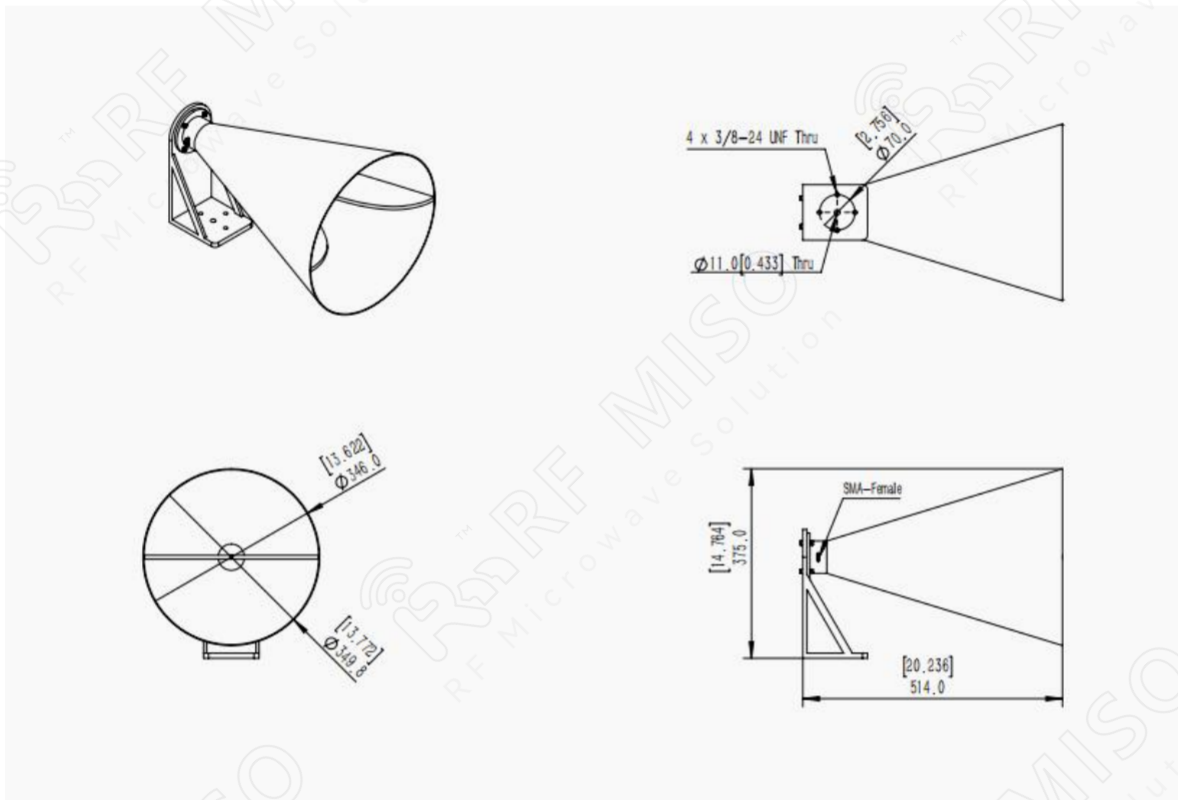


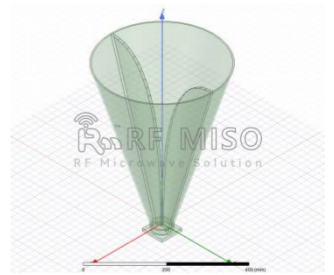
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**Outline Drawing (Size: mm)**





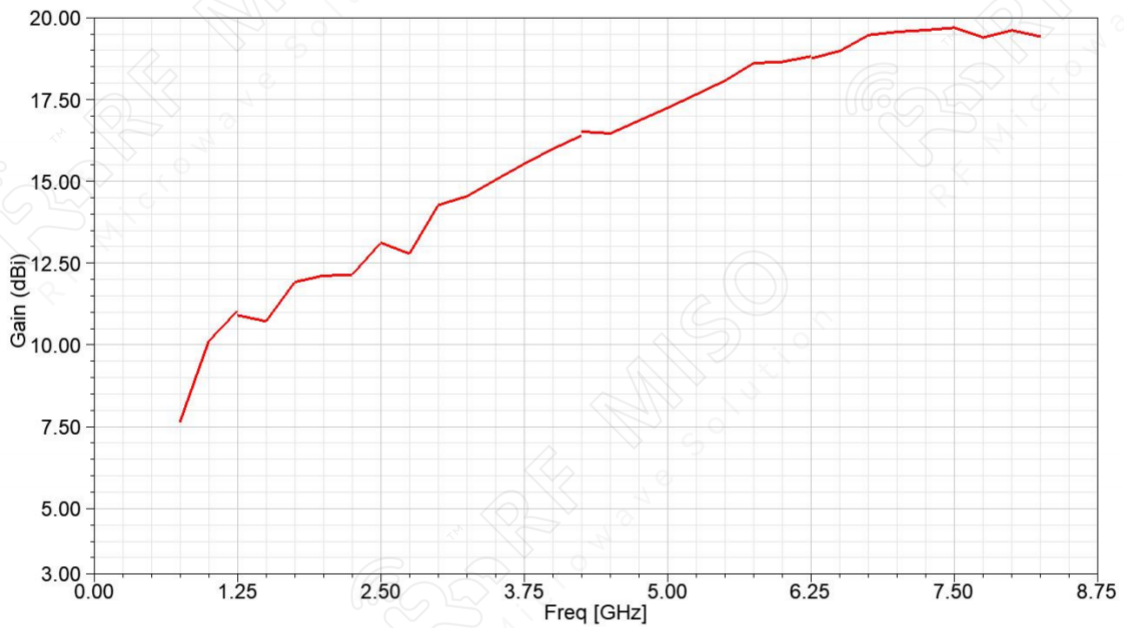
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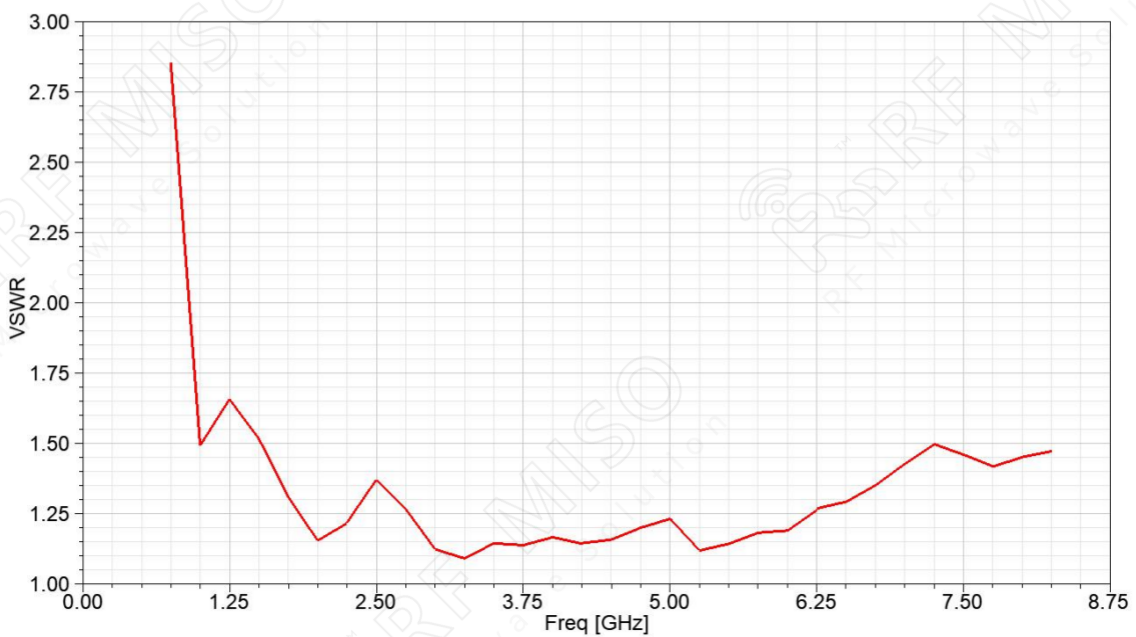
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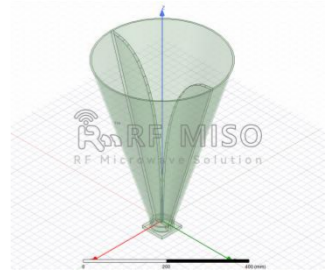
**Simulated Data**

Gain



VSWR



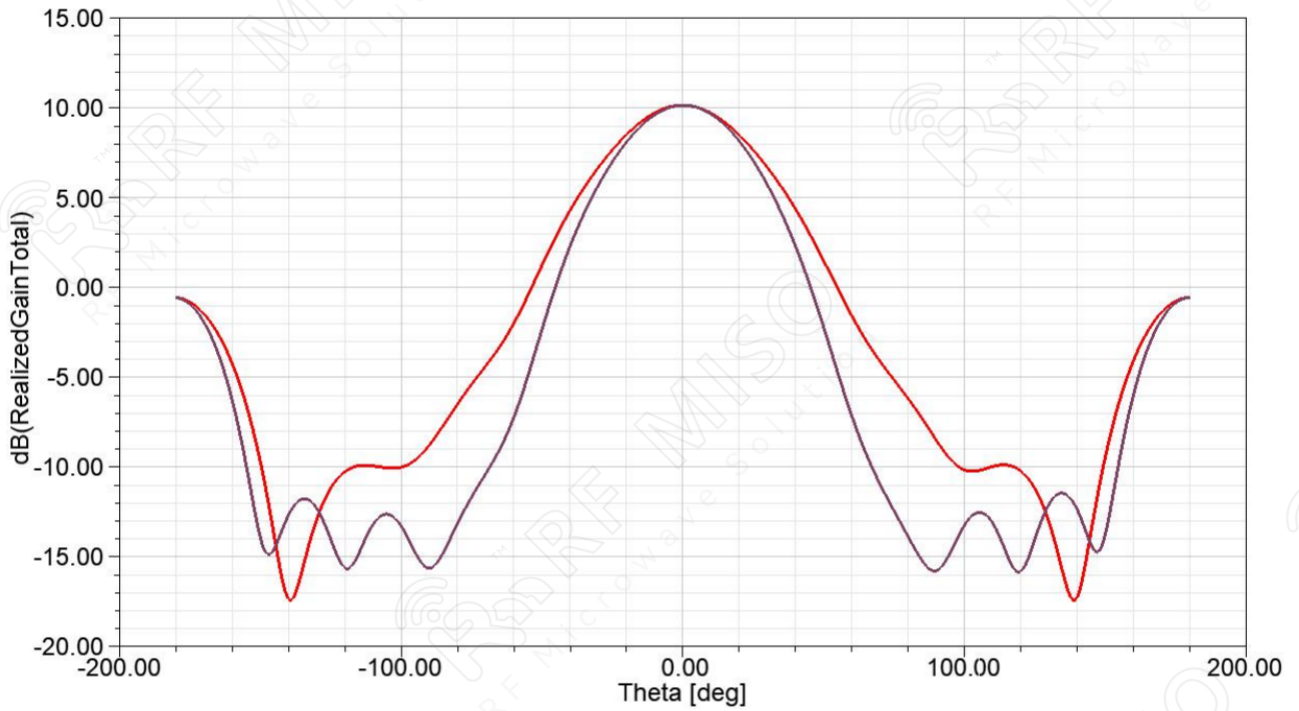


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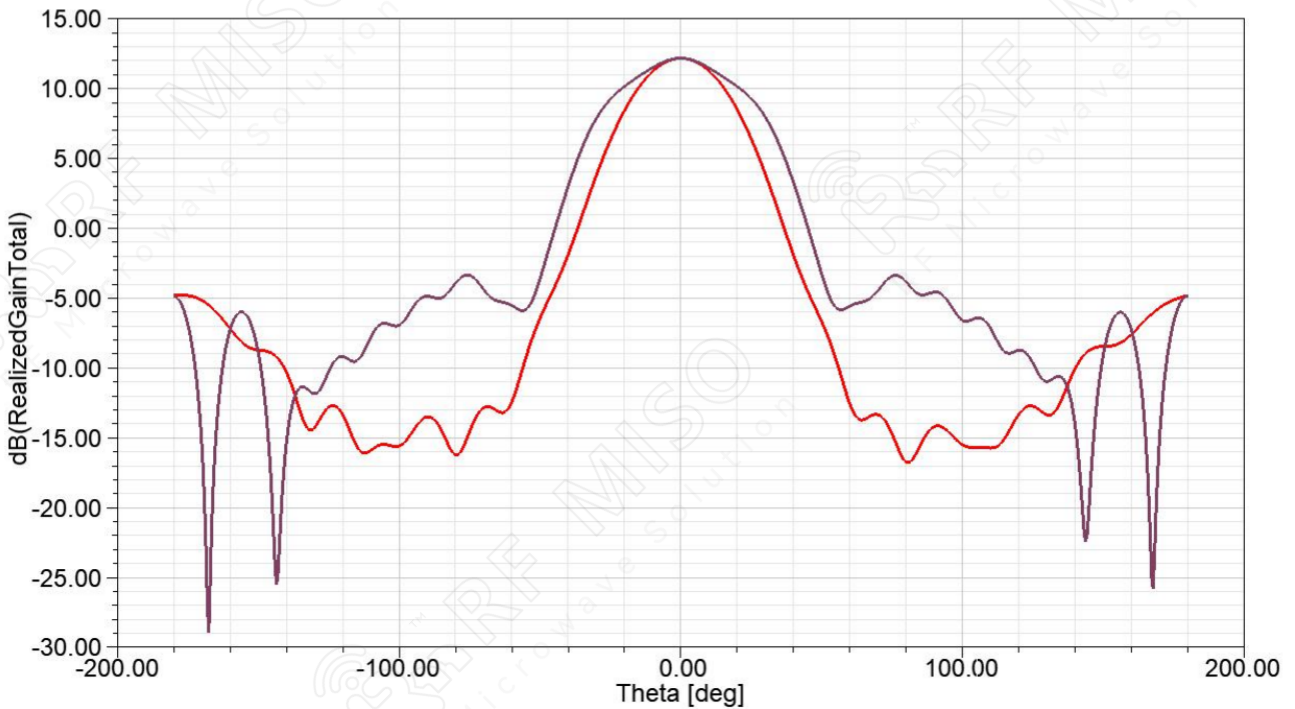
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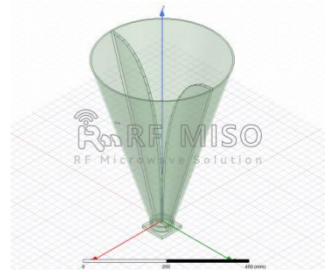
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1GHz



2GHz

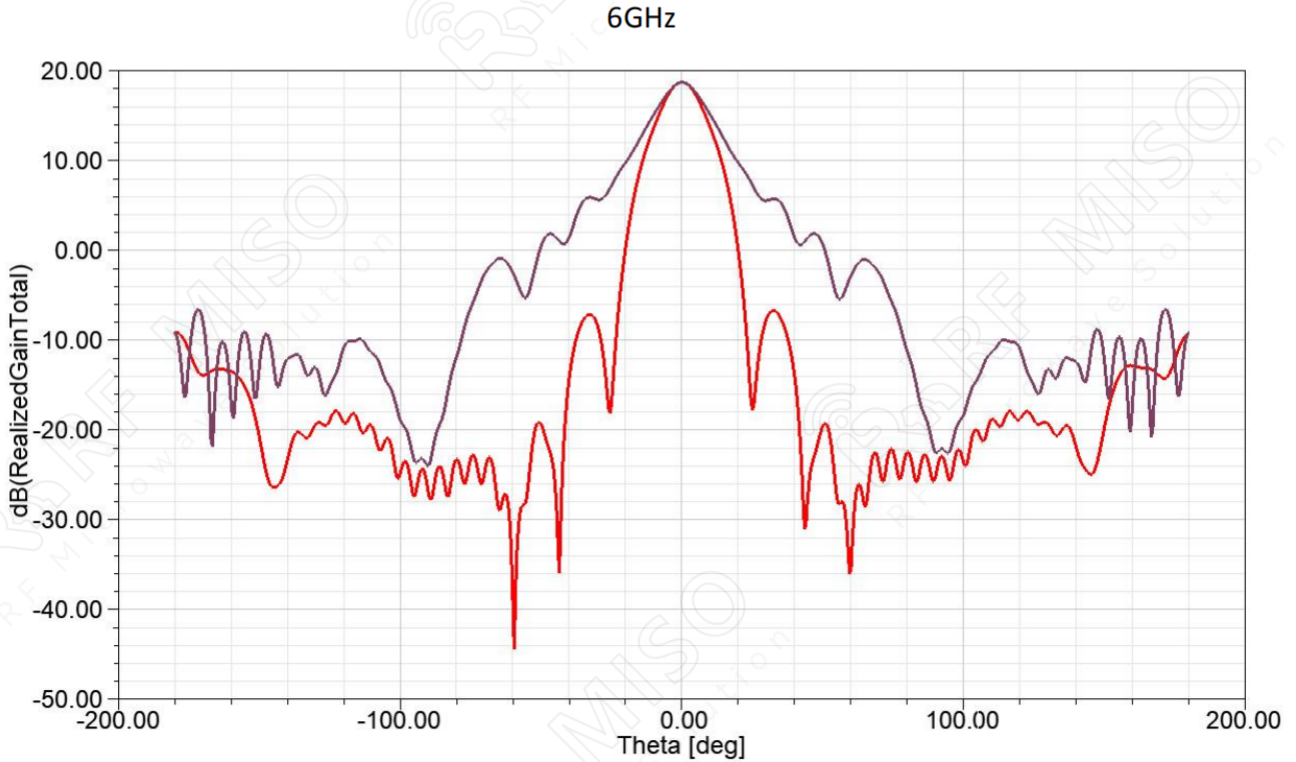
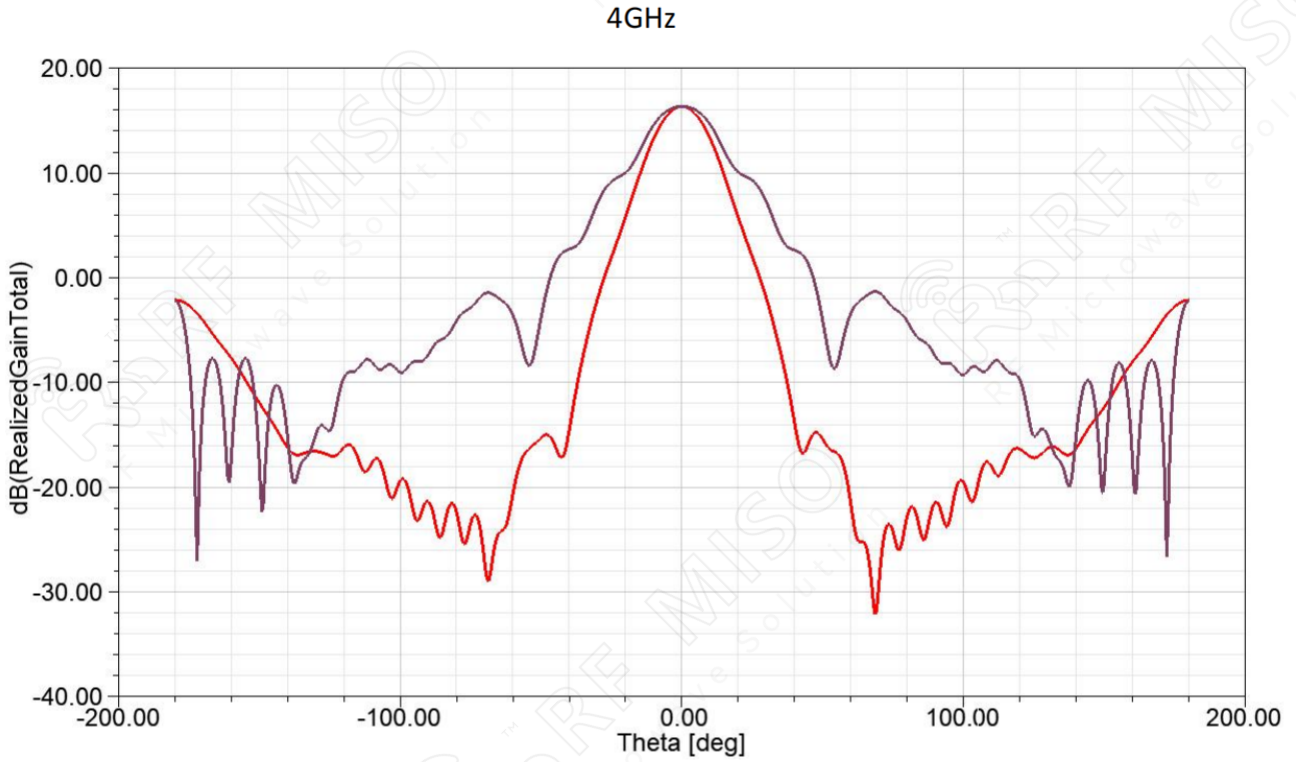


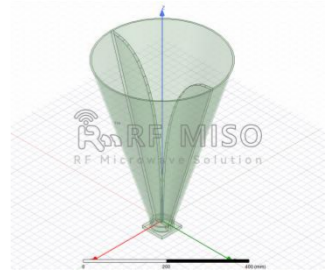


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