

*Broadband Horn Antenna
10 dBi Typ. Gain, 0.4-6 GHz Frequency Range*



Broadband Horn Antenna Data Sheet

RM-BDHA046-10

Features

- Ideal for Antenna Measurements
- Low VSWR
- Broadband Operation
- Linear Polarized

Descriptions

RF MISO's **Model RM-BDHA046-10** is a double-ridged linear polarized broadband horn antenna that operates from 0.4 to 6 GHz. The antenna offers a typical gain of 10 dBi and low VSWR 1.5:1 with SMA-F type connector. It can be widely used in EMI detection, orientation, reconnaissance, antenna gain and pattern measurement and other applications.

Specifications

RM-BDHA046-10		
Parameters	Typical	Units
Frequency Range	0.4-6	GHz
Gain	10 Typ.	dBi
VSWR	1.5 Typ.	
Polarization	Linear	
Cross Polarization Isolation	30	dB
Connector	SMA-F	
Finishing	Paint	
Size(L*W*H)	540*603.5*398.3(±5)	mm
Weight	5.985	kg
Power(Average Value)	About 500	w

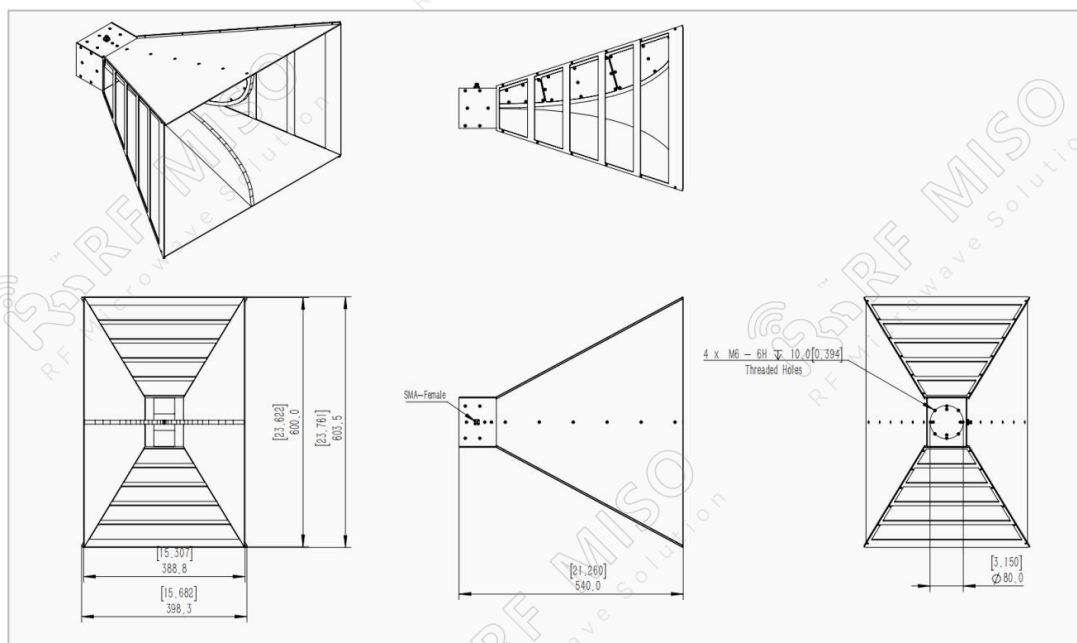
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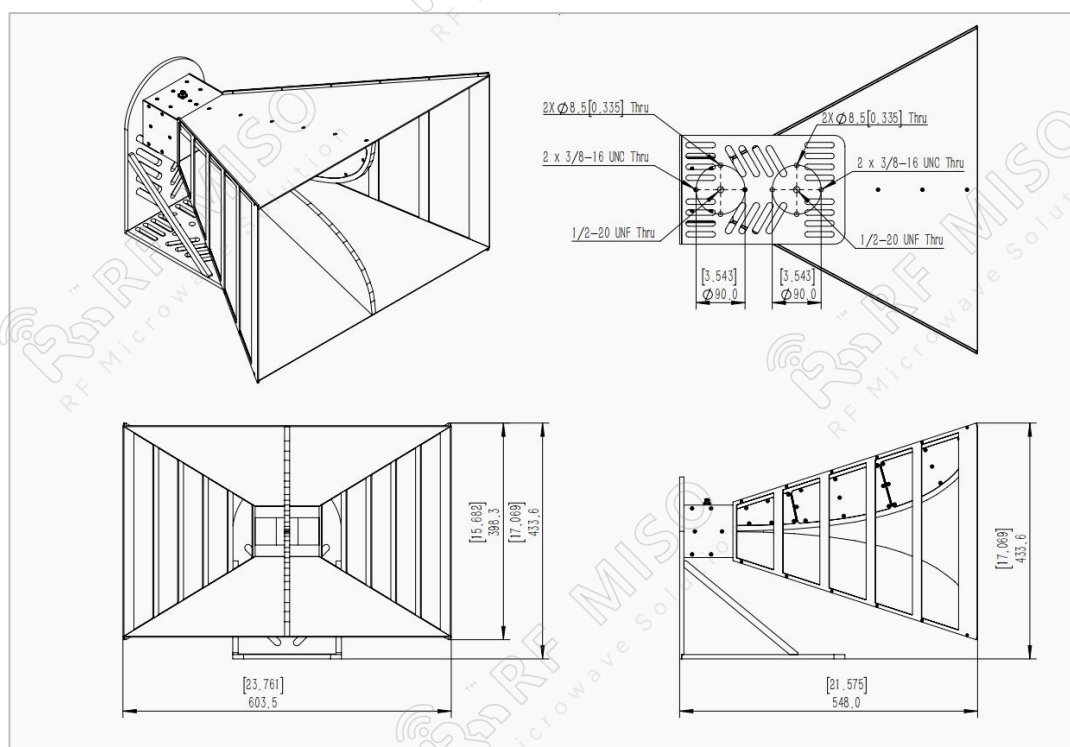
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Mechanical Drawing



Mechanical Drawing with Ordinary L-type Mounting Bracket





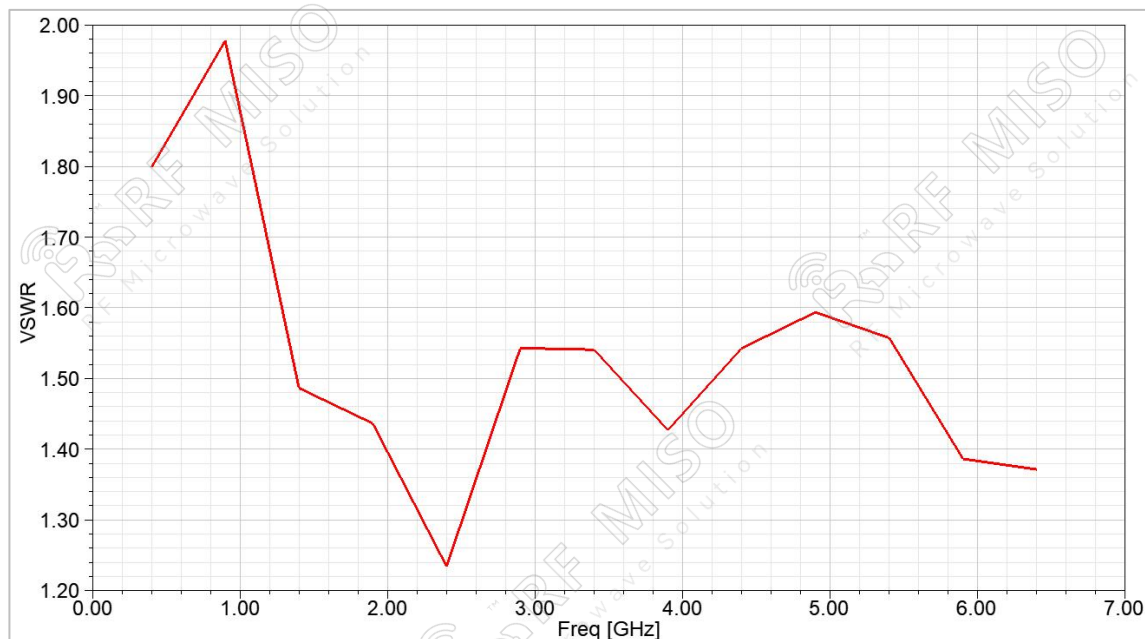
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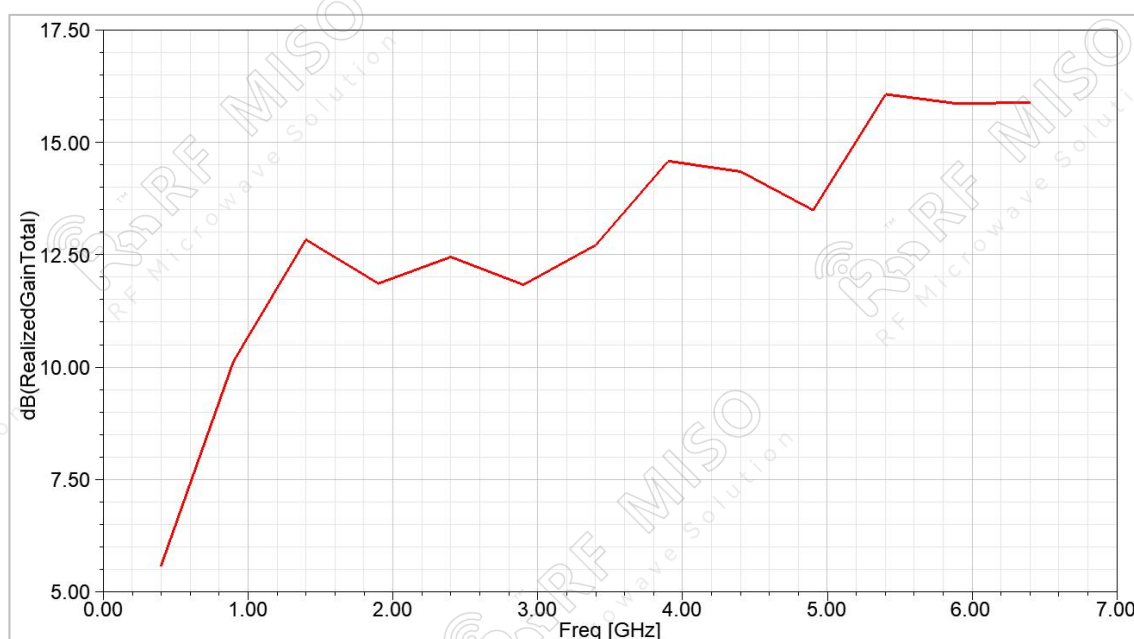
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Simulated Data

VSWR



Gain



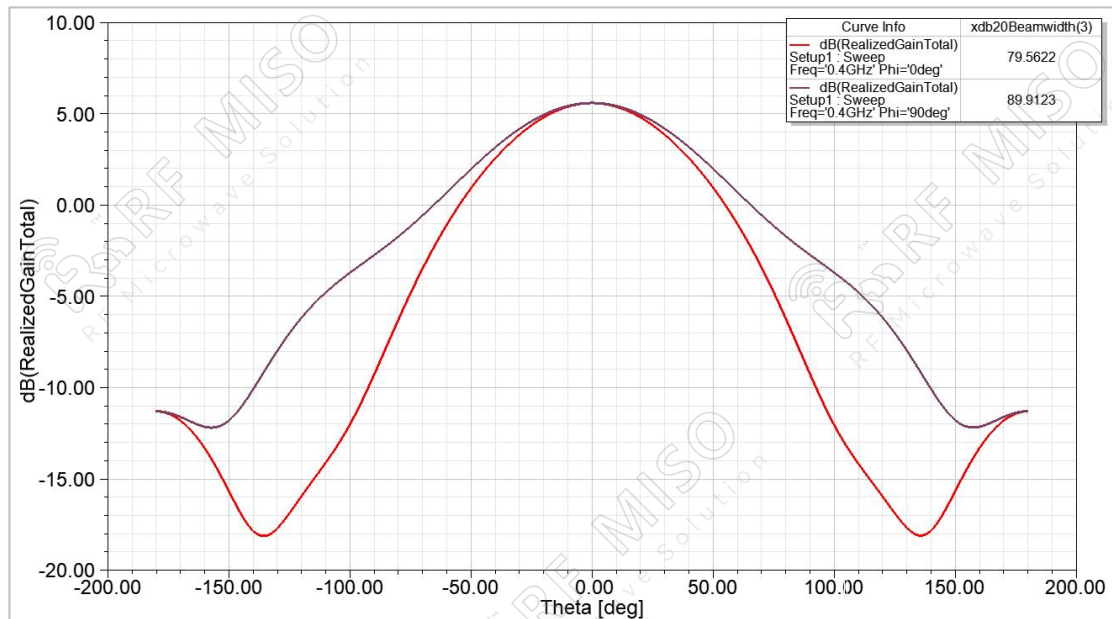


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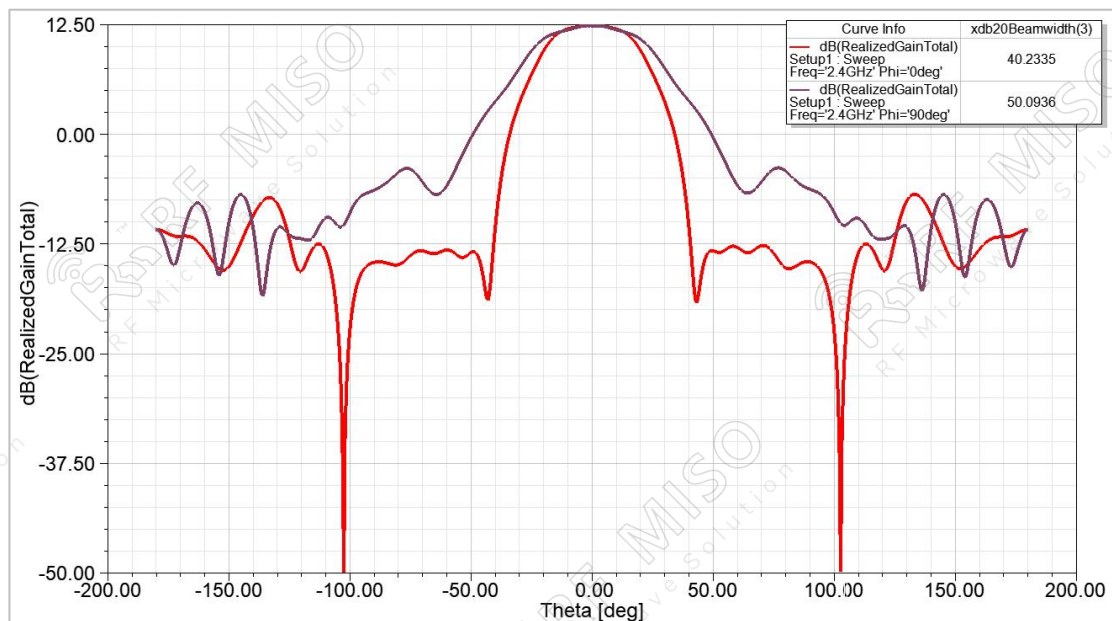
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Gain Pattern



0.4GHz



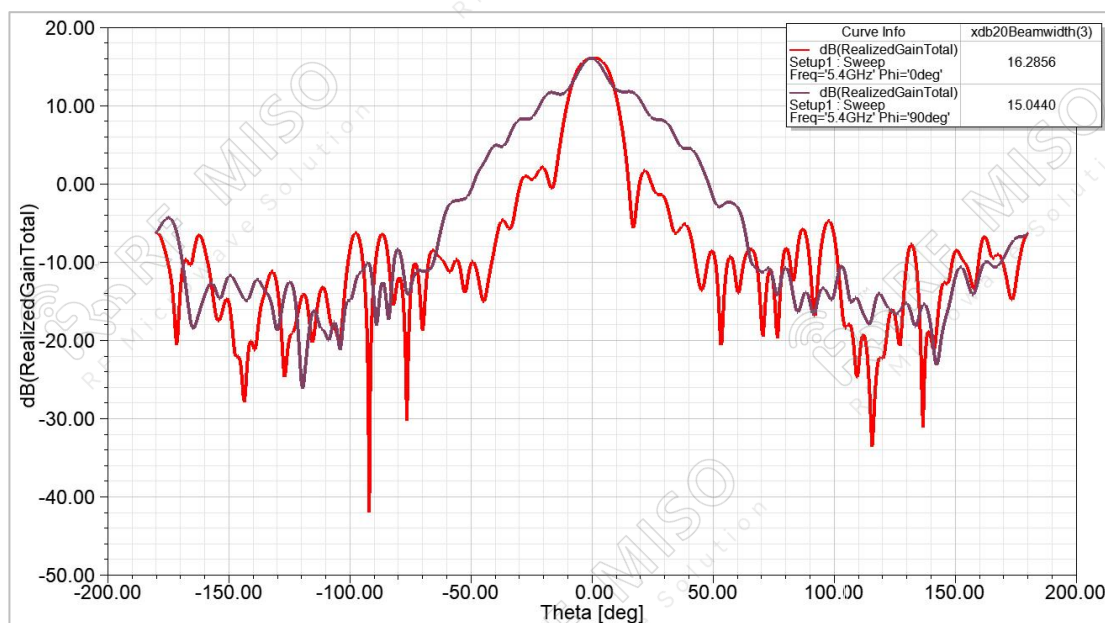
2.4GHz



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5.4GHz