

*Broadband Horn Antenna
20 dBi Typ. Gain, 8-18 GHz Frequency Range*

Broadband Horn Antenna Data Sheet

RM-BDHA818-20B

Features

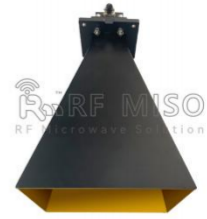
- Ideal for Antenna Measurements
- Low VSWR
- High Gain
- Broadband Operation
- Linear Polarization
- Small Size

Descriptions

RF MISO's **Model RM-BDHA818-20B** is a linear polarized broadband horn antenna that operates from 8 to 18 GHz. The antenna offers a typical gain of 20 dBi and low VSWR 1.5:1 with SMA-KFD connector. The antenna is used for long time trouble-free applications in indoor and outdoor environments. It can be widely used in EMI detection, orientation, reconnaissance, antenna gain and pattern measurement and other applications.

Specifications

RM-BDHA818-20B		
Parameters	Typical	Units
Frequency Range	8-18	GHz
Gain	20 Typ.	dBi
VSWR	1.5 Typ.	
Polarization	Linear	
Connector	SMA-KFD	
Finishing	Paint Black	
Size	231*133.86*106.9(L*W*H)	mm
Weight	0.417	kg

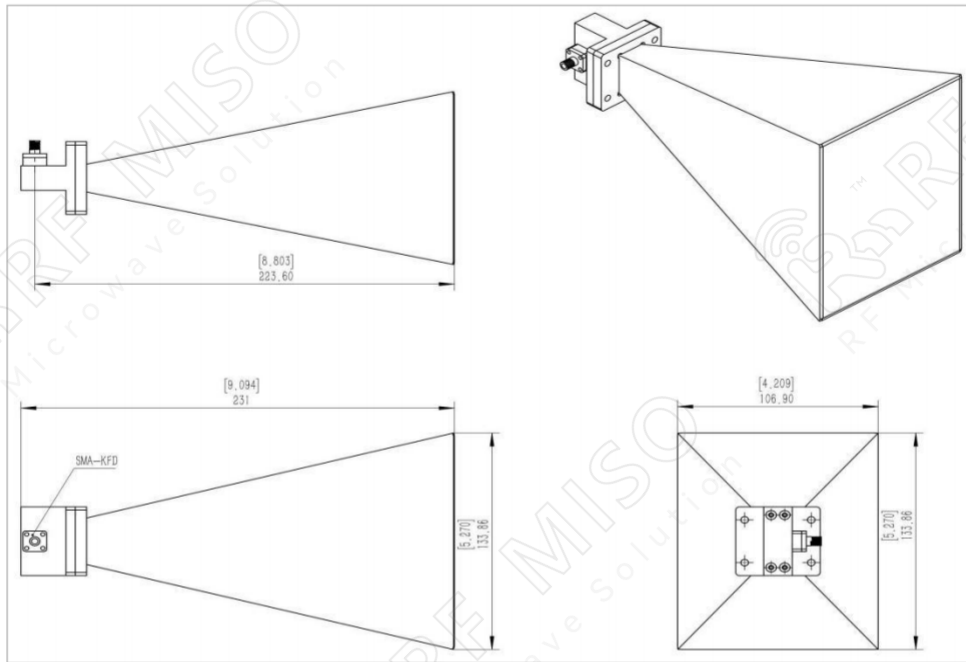


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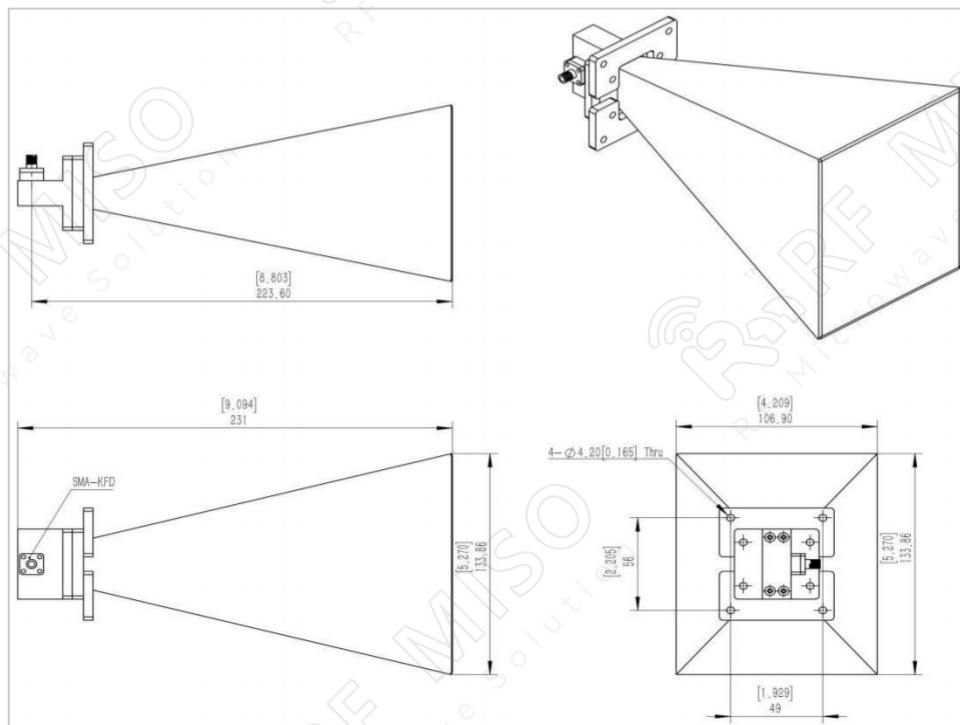
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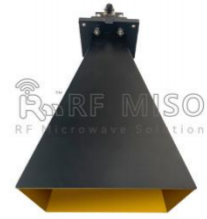
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Outline Drawing



Outline Drawing with Mounting Bracket





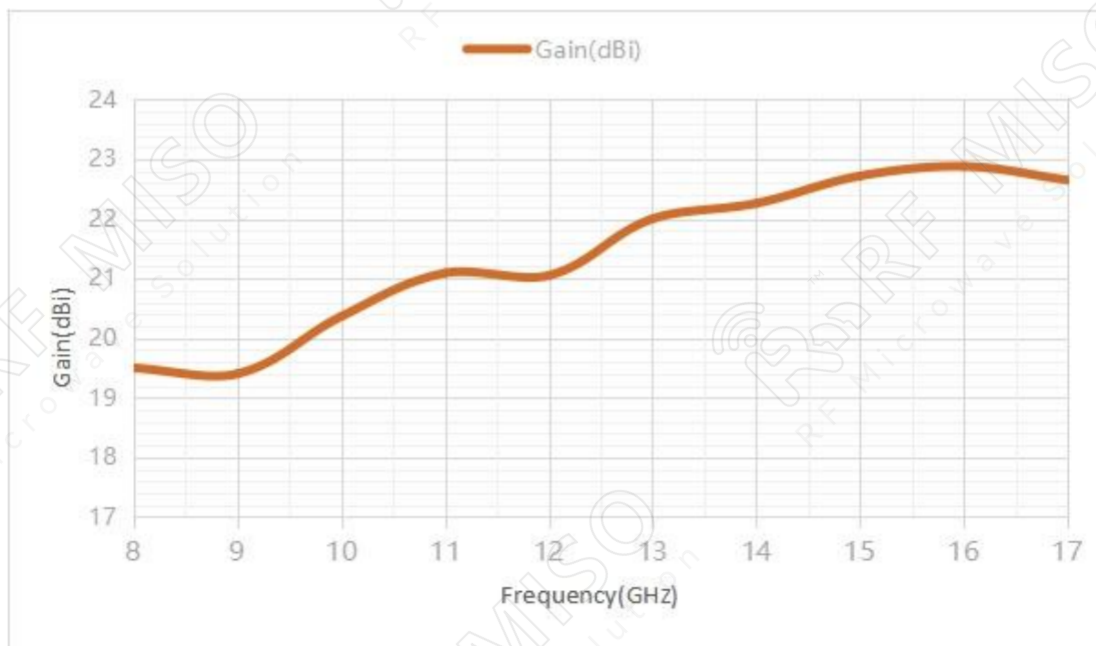
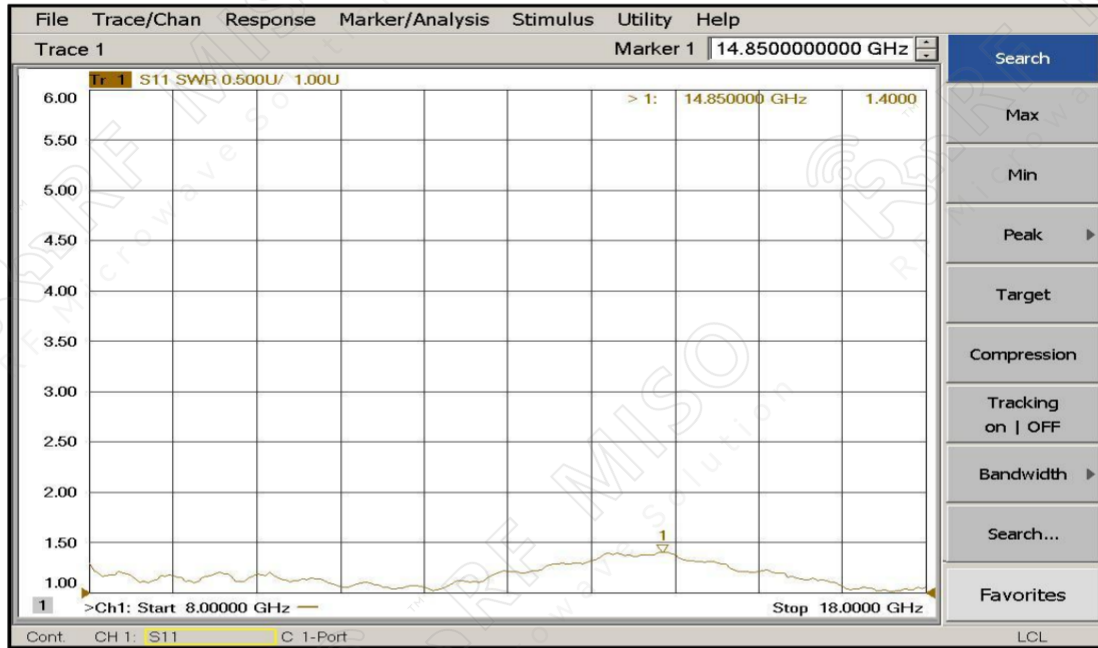
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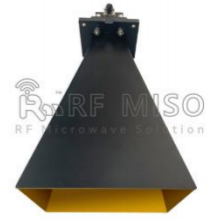
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Test Result

VSWR



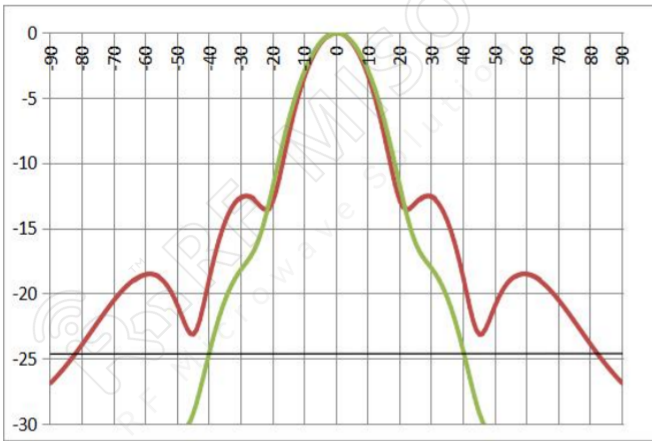


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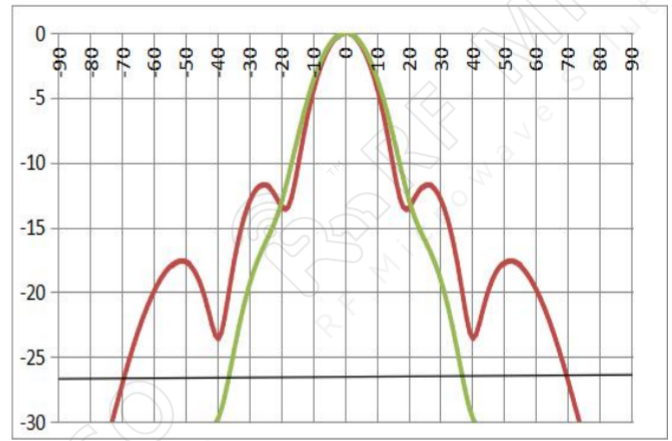
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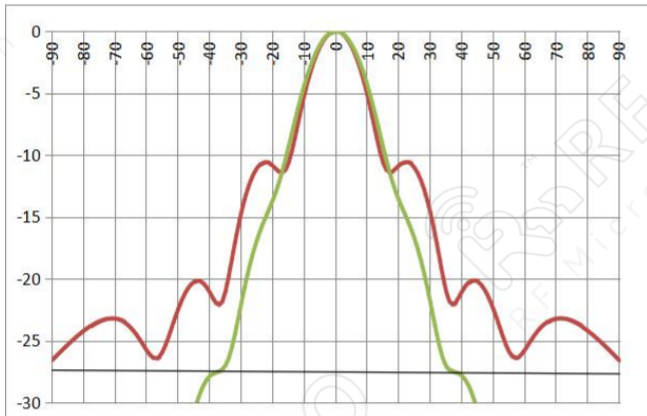
Gain Pattern



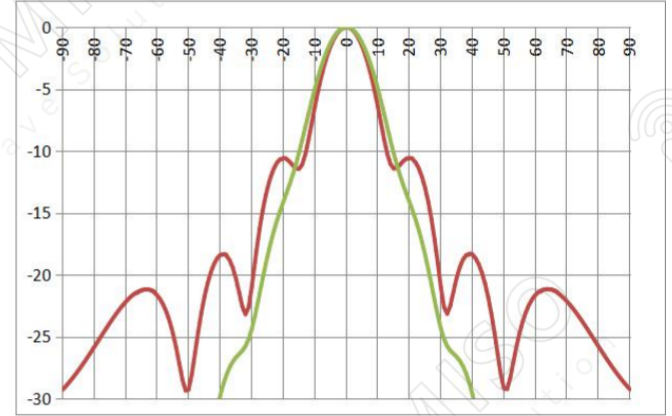
8GHz



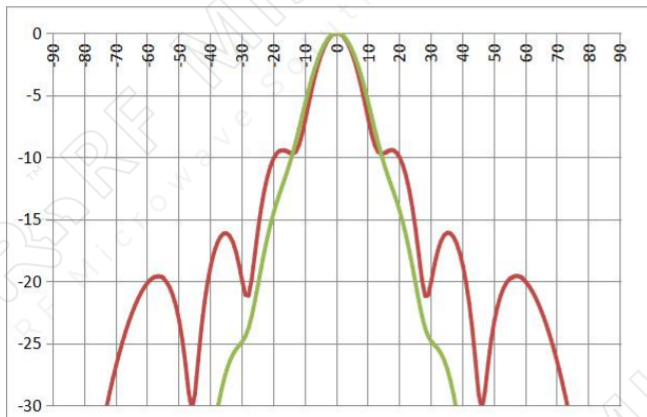
9GHz



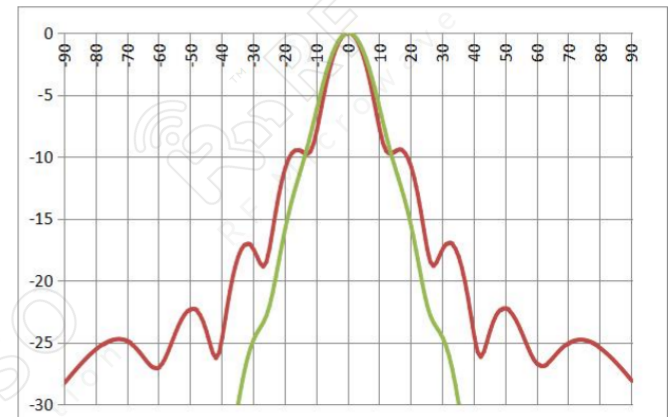
10GHz



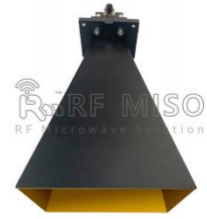
11GHz



12GHz



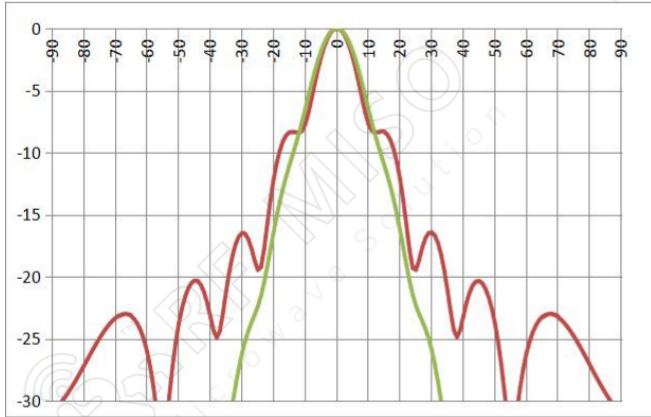
13GHz



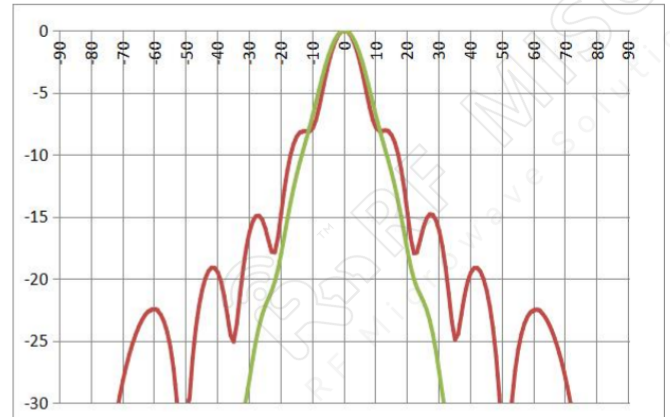
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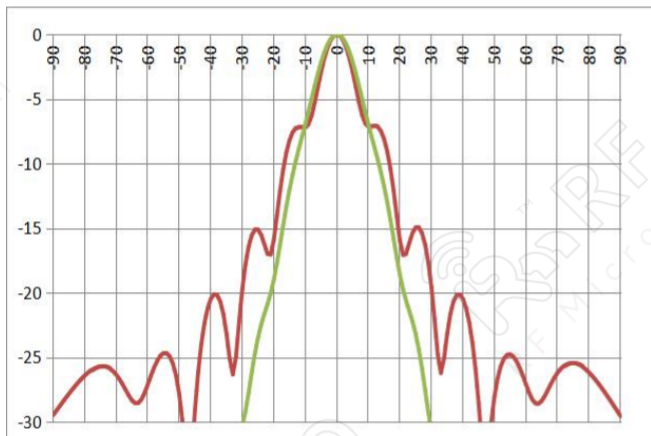
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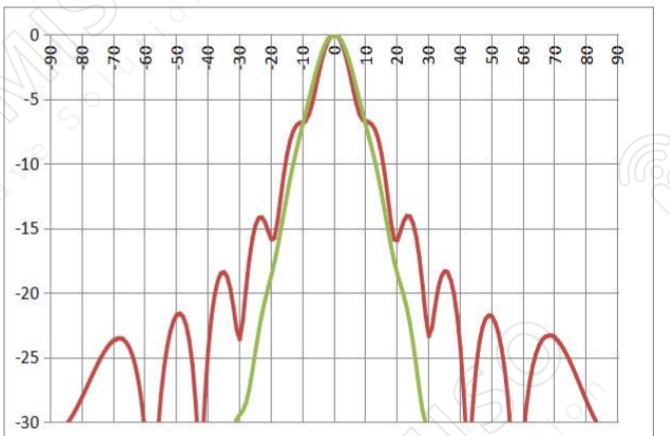
14GHz



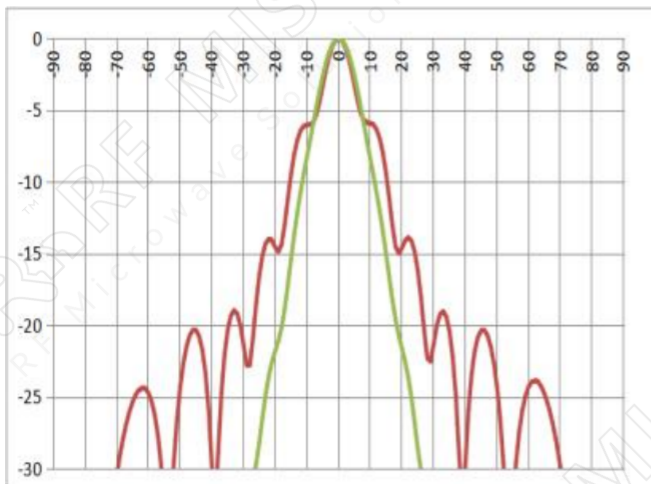
15GHz



16GHz



17GHz



18GHz