



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

Broadband Horn Antenna Data Sheet

RM-BDHA818-22

Features

- Ideal for Antenna Measurements
- Low VSWR
- High Gain
- Broadband Operation
- Lens Antenna
- RF Connector

Descriptions

RF MISO's **Model RM-BDHA818-22** is a double ridge horn antenna with lens that operates from 8 to 18 GHz. The antenna offers a typical gain of 22 dBi and low VSWR 2:1 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-BDHA818-22		
Parameters	Typical	Units
Frequency Range	8-18	GHz
Gain	22 Typ.	dBi
VSWR	≤2	
Polarization	Linear	
Connector	SMA-KFD	
Finishing	Paint Black	
Size	399.2*195.9*157.7(L*W*H)	mm
Weight	3	Kg
Power Handling,CW	50	W
Power Handling,Peak	100	W

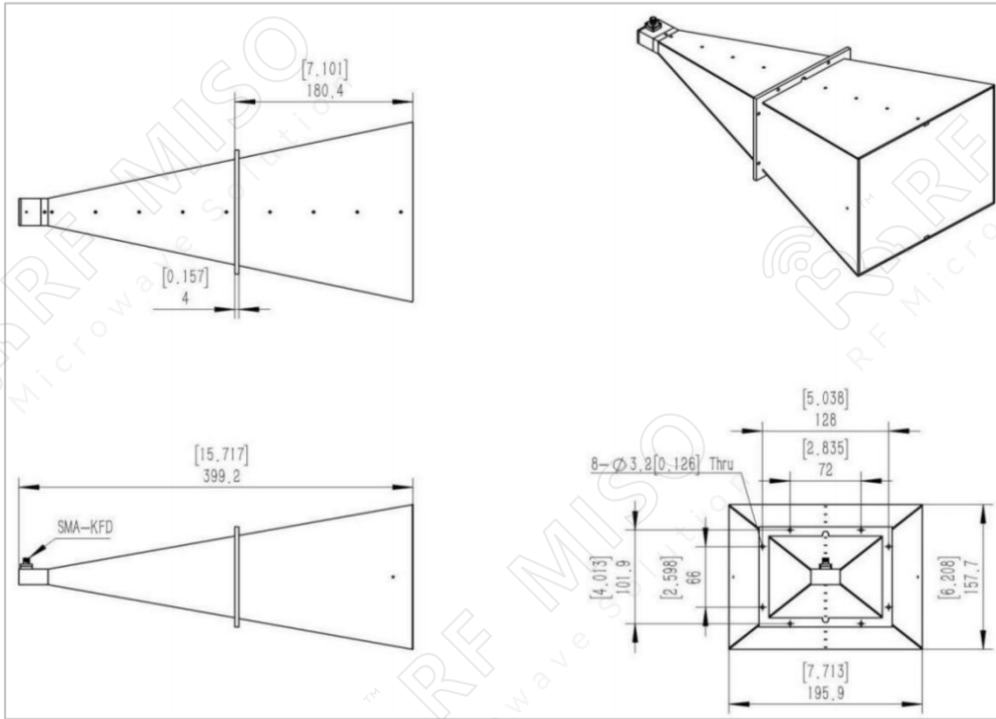


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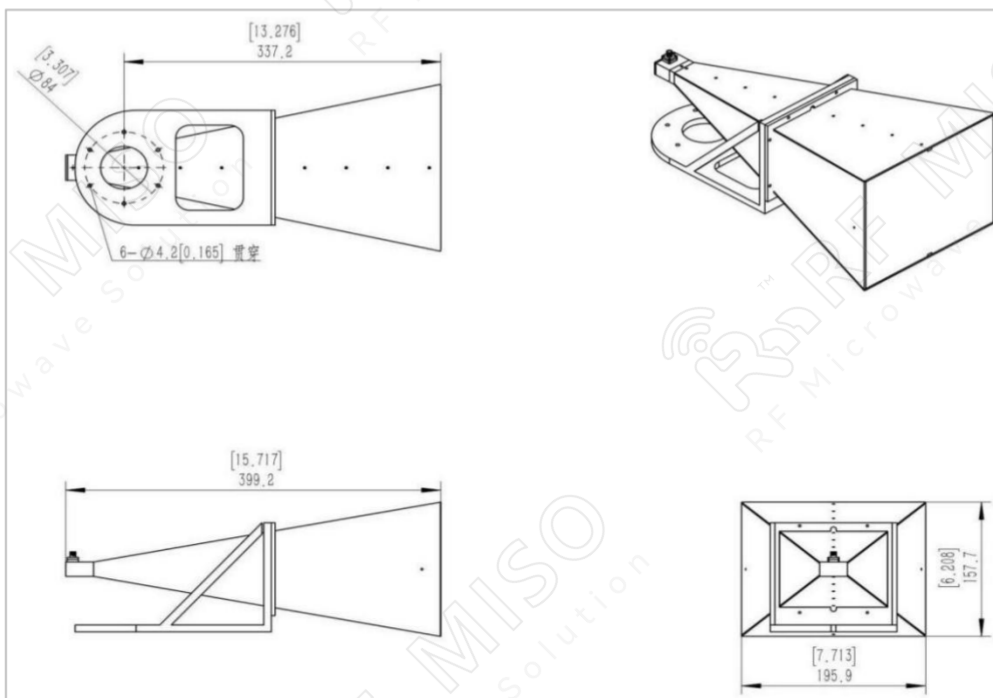
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Outline Drawing



Outline Drawing with Mounting Bracket





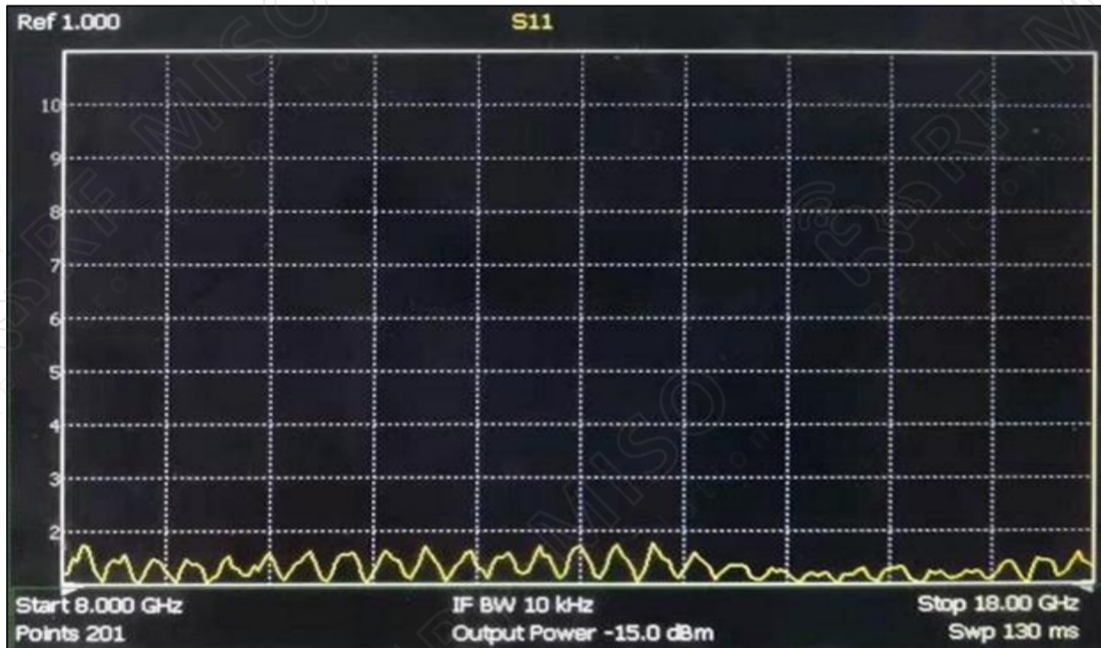
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Test Result

VSWR



Gain



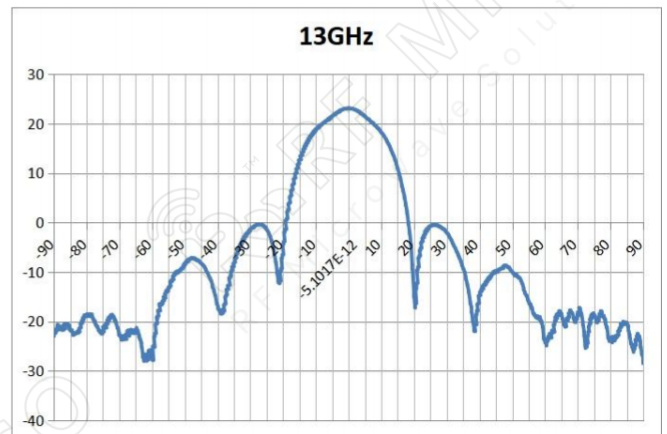
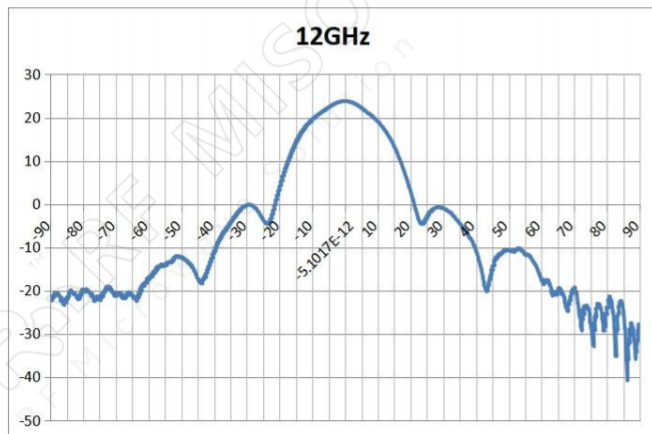
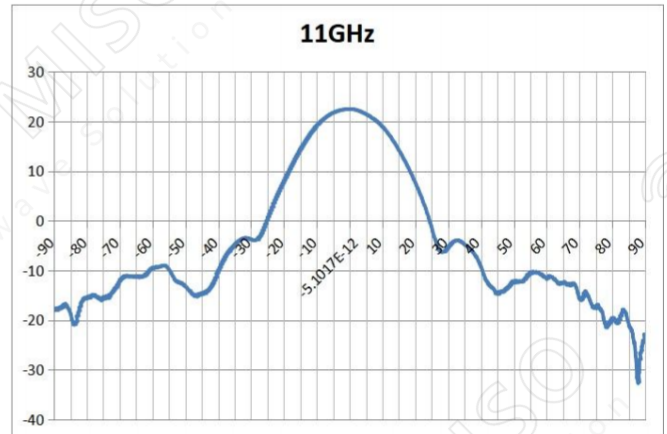
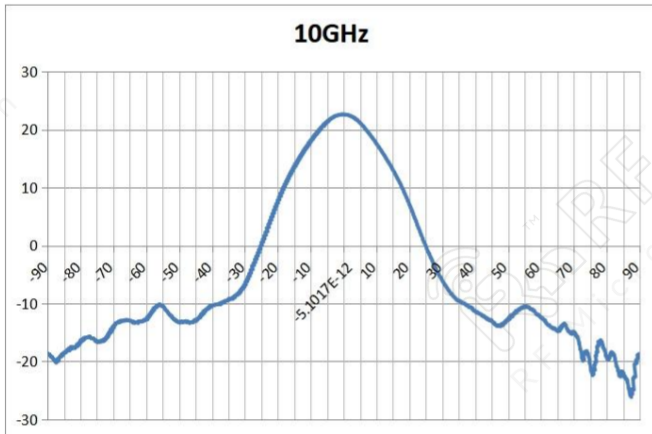
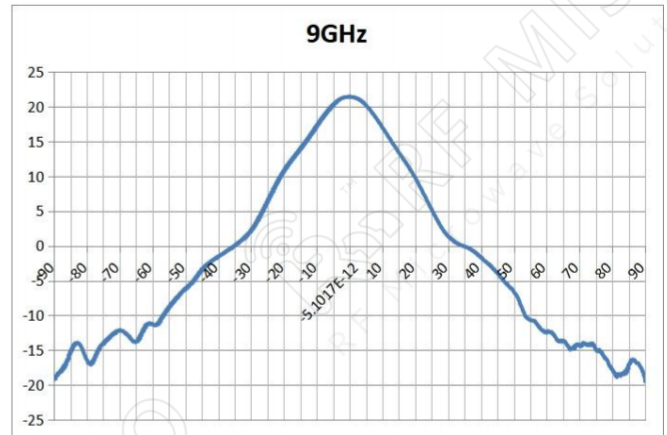
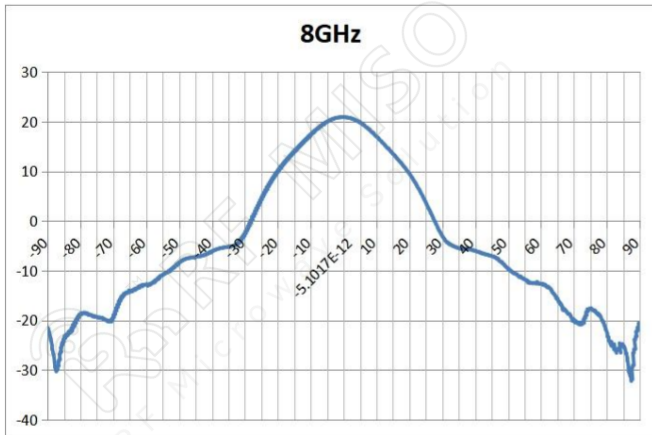


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H-plane Gain Pattern

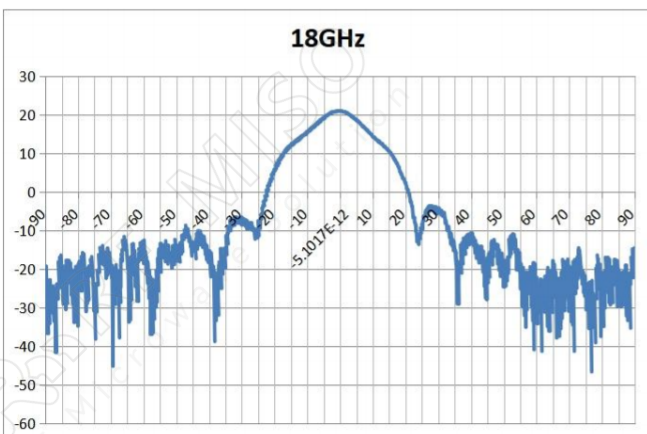
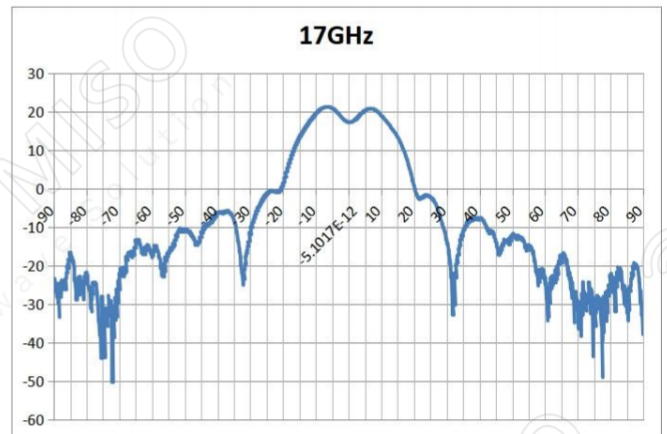
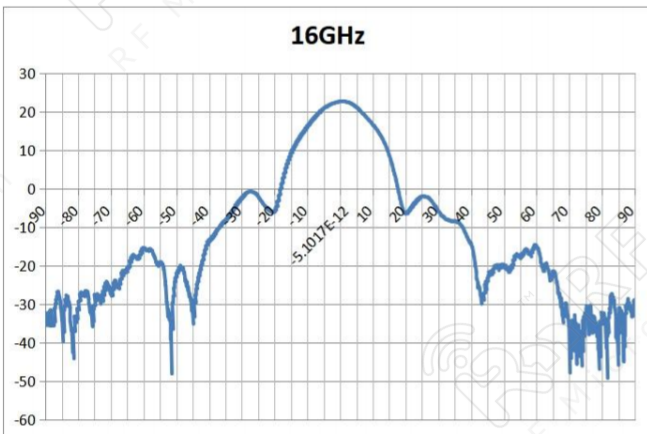
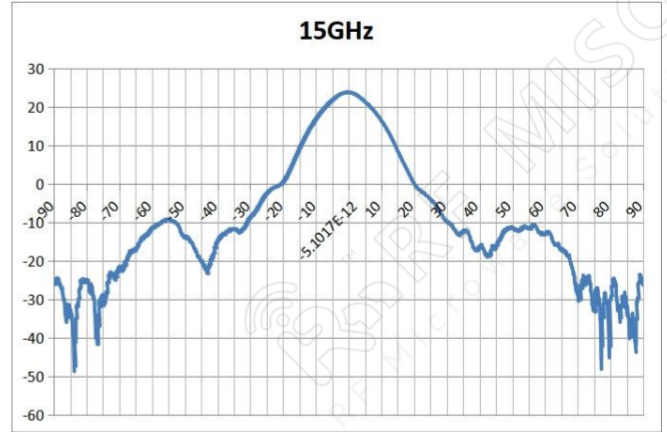
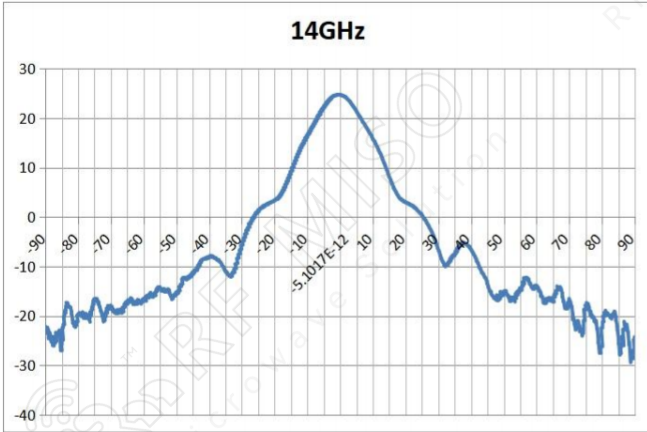




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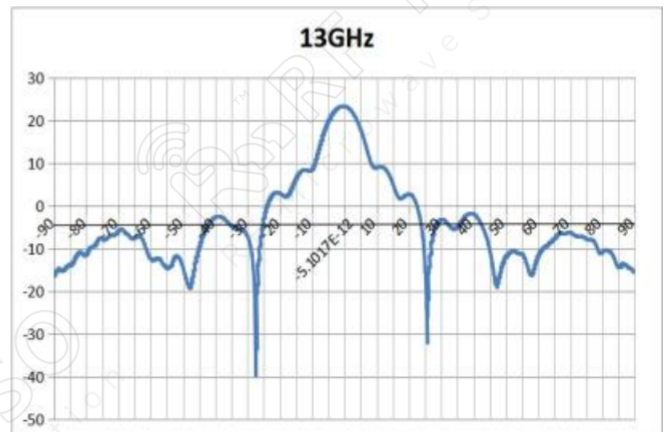
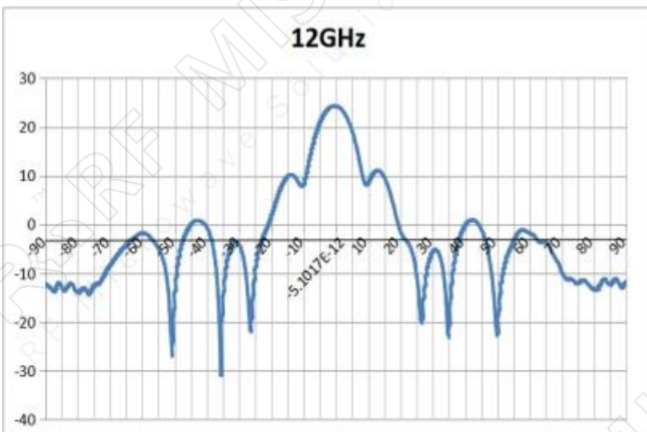
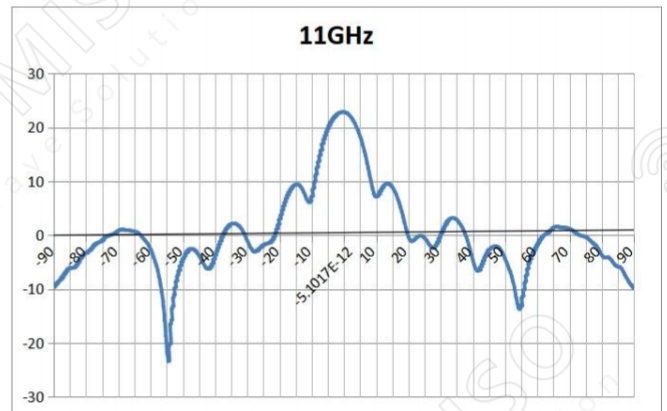
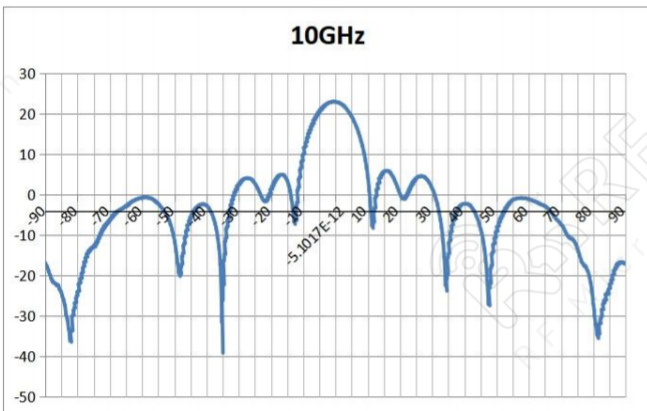
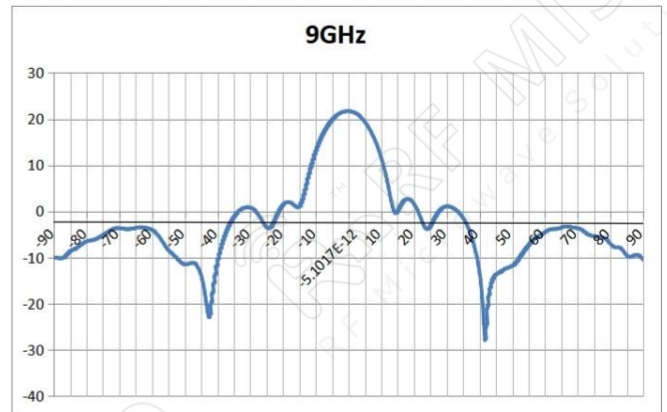
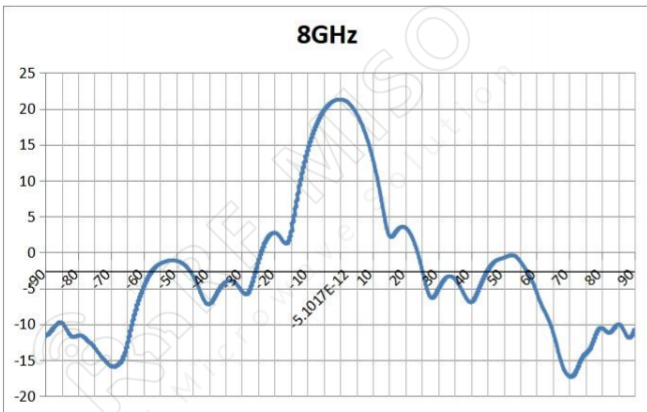


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E-Plane Gain Pattern





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