

*Dual Circular Polarization Horn Antenna
15 dBi Typ. Gain, 2-18 GHz Frequency Range*

Dual Circular Polarized Horn Antenna Data Sheet

RM-DCPHA218-15

Features

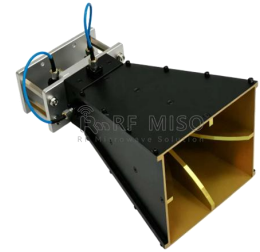
- Small Size
- Low VSWR
- Good Orientation
- Dual circular

Descriptions

RF MISO's **Model RM-DCPHA218-15** is a dual circular polarized horn antenna that operates from 2 to 18 GHz, The antenna offers 15 dBi typical gain. The antenna VSWR is typical 1.5:1. The antenna RF ports are waveguide and a coaxial converter can be added, the interface is SMA-Female. The antenna can be widely used in EMI detection, orientation, reconnaissance, antenna gain and pattern measurement and other application fields.

Specificaions

RM-DCPHA218-15		
Parameters	Typical	Units
Frequency Range	2-18	GHz
Gain	15 Typ.	dBi
VSWR	1.5 Typ.	
Polarization	Dual Circular	
Cross polarization	30 Typ.	dB
F/B	20 Typ.	dB
Coaxial Interface	SMA-Female	
Material	Al	
Finishing	Paint	
Size (L*W*H)	216*119.1*129.3(±5)	mm
Weight	0.829	Kg

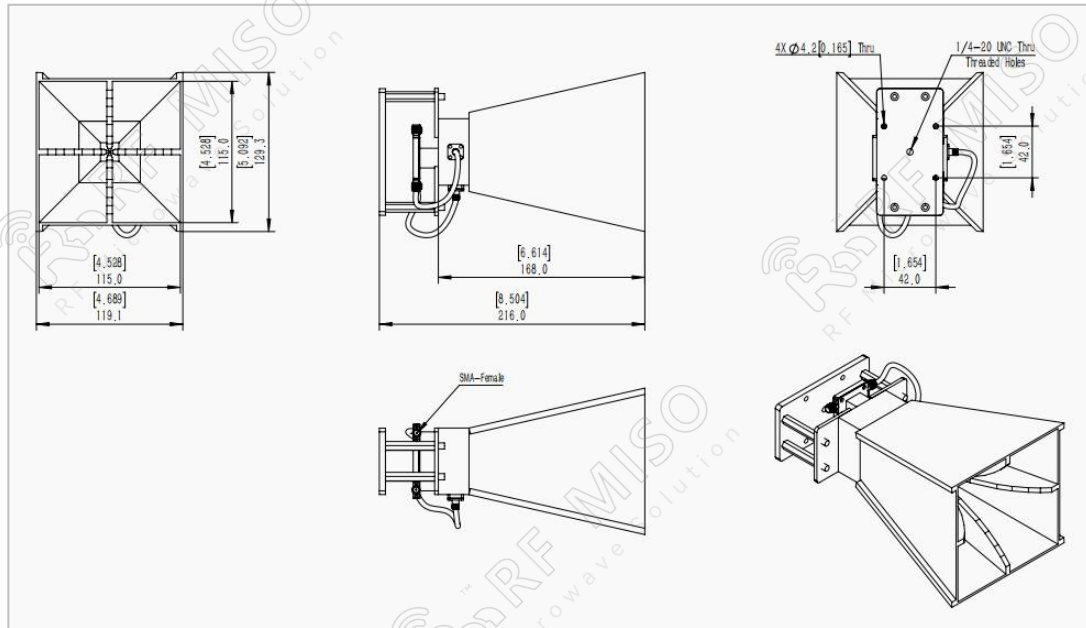


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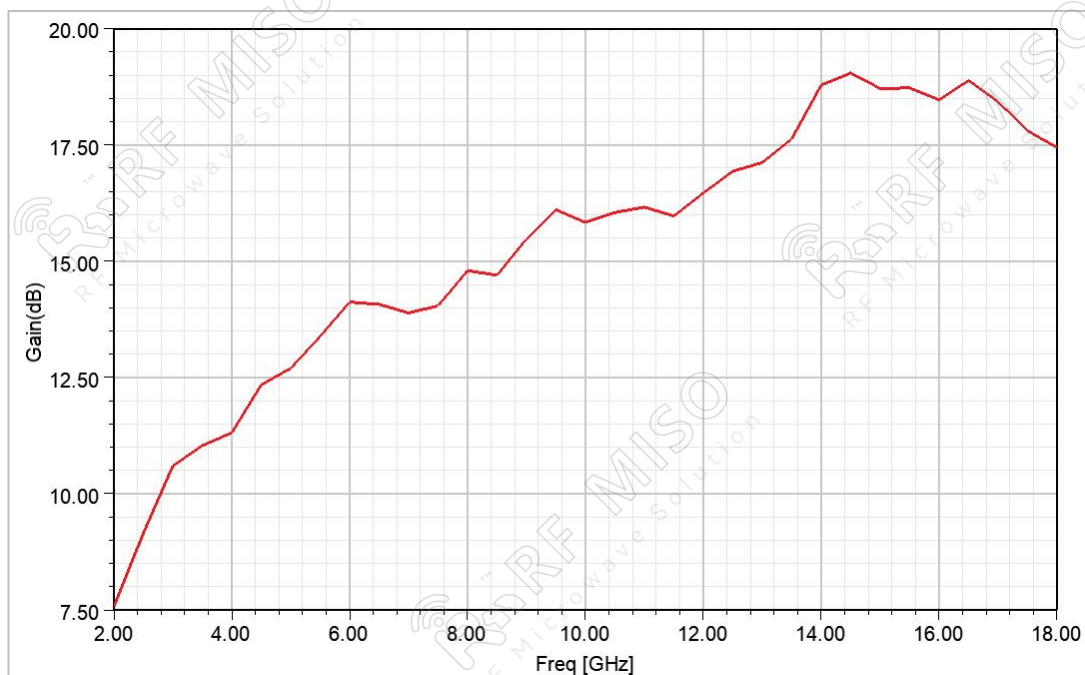
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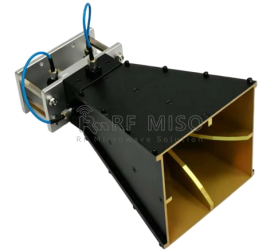
Outline Drawing



Simulation Data

Gain



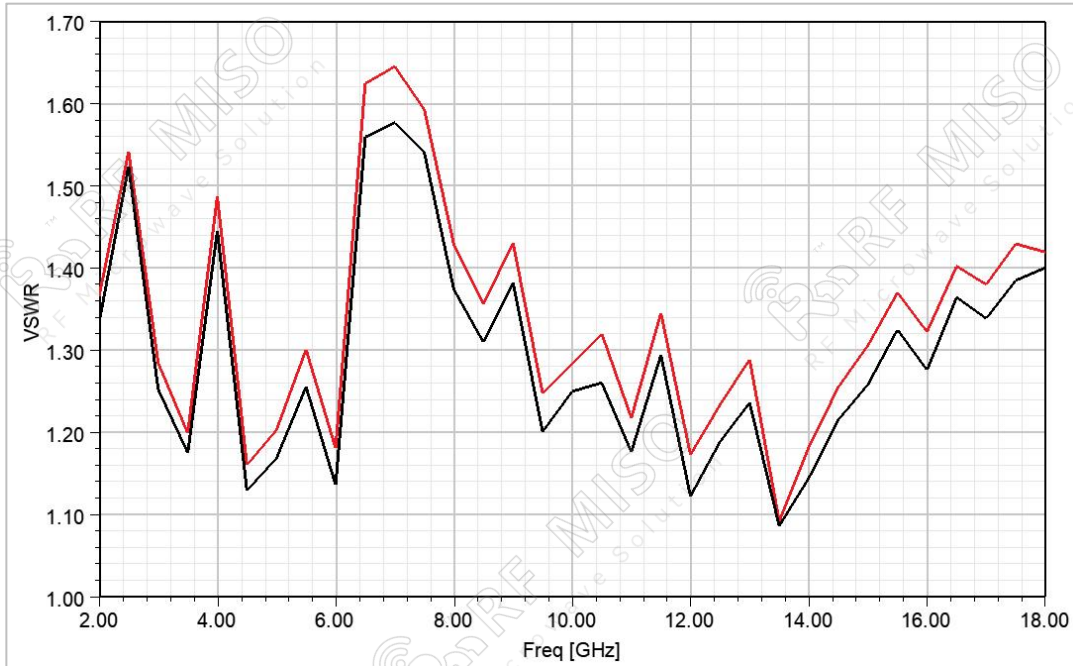


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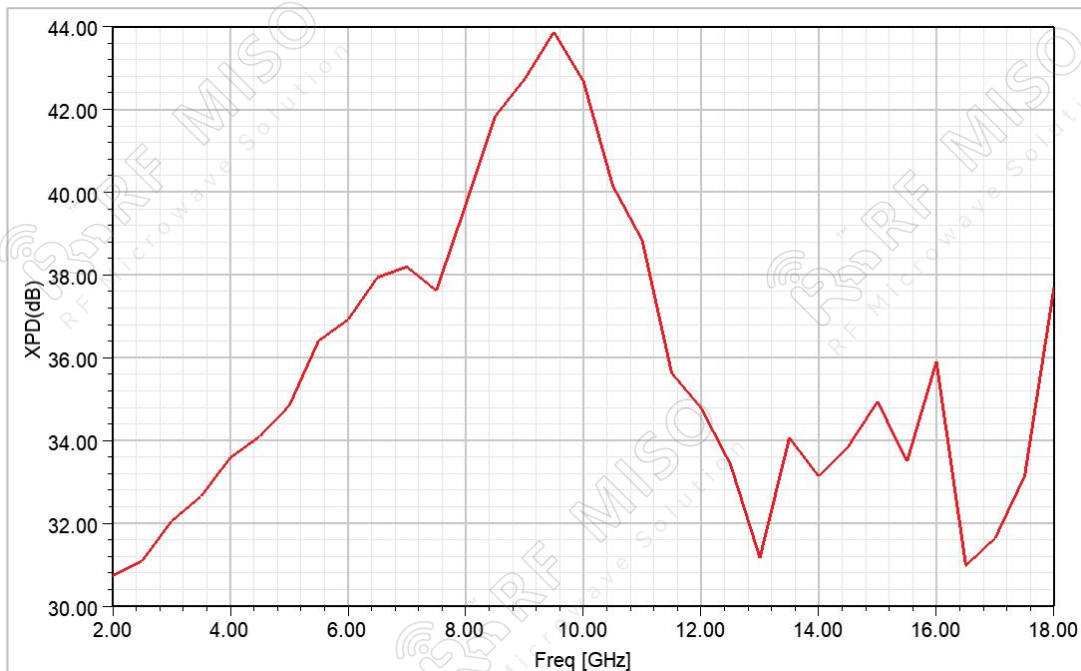
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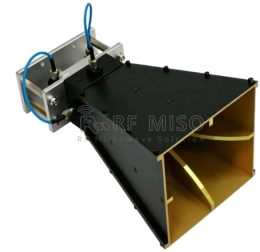
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VSWR



Cross



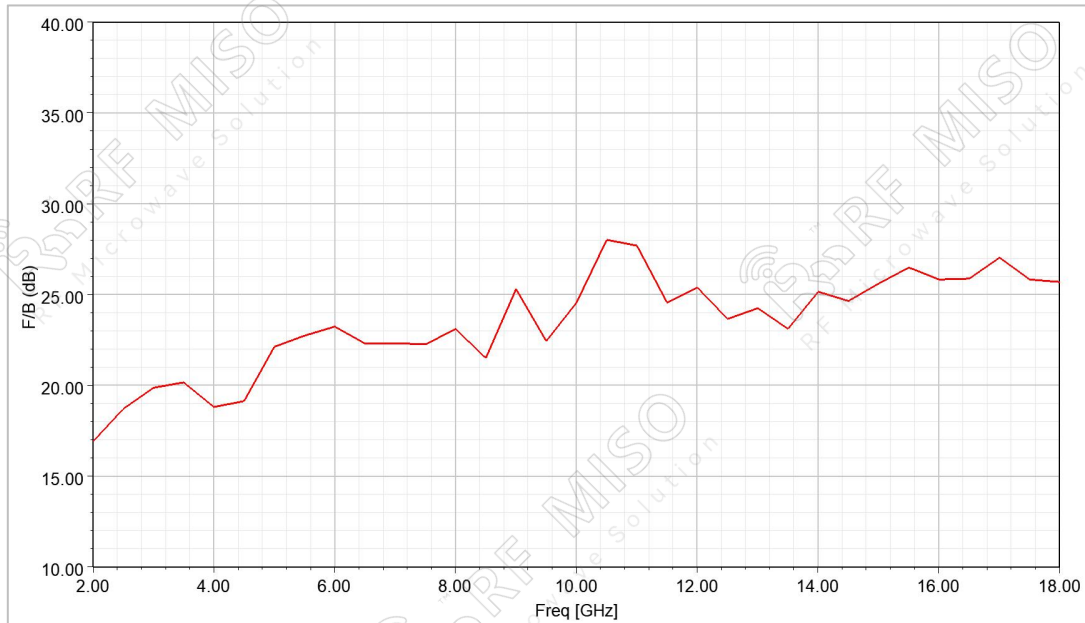


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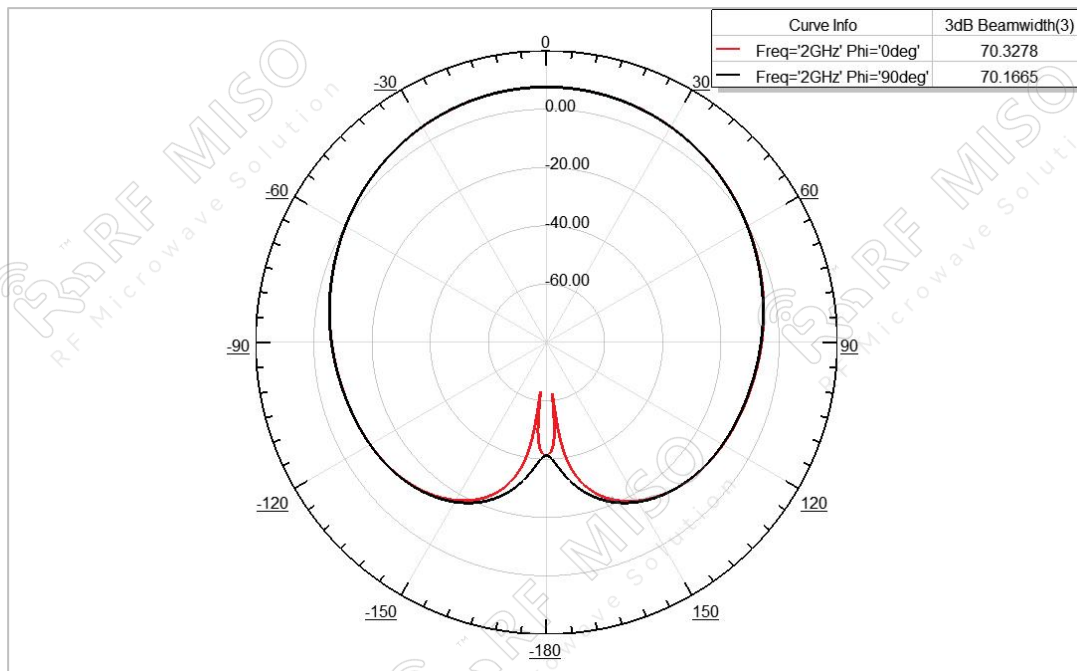
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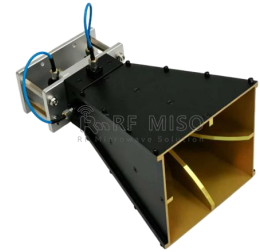
F/B



Gain Patterns



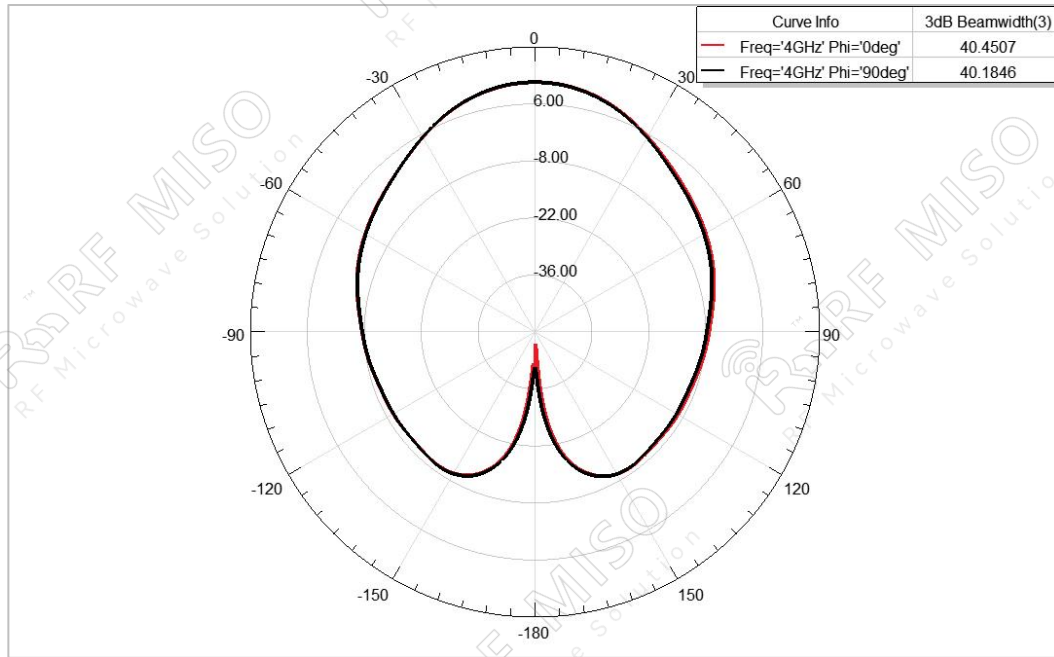
2GHz



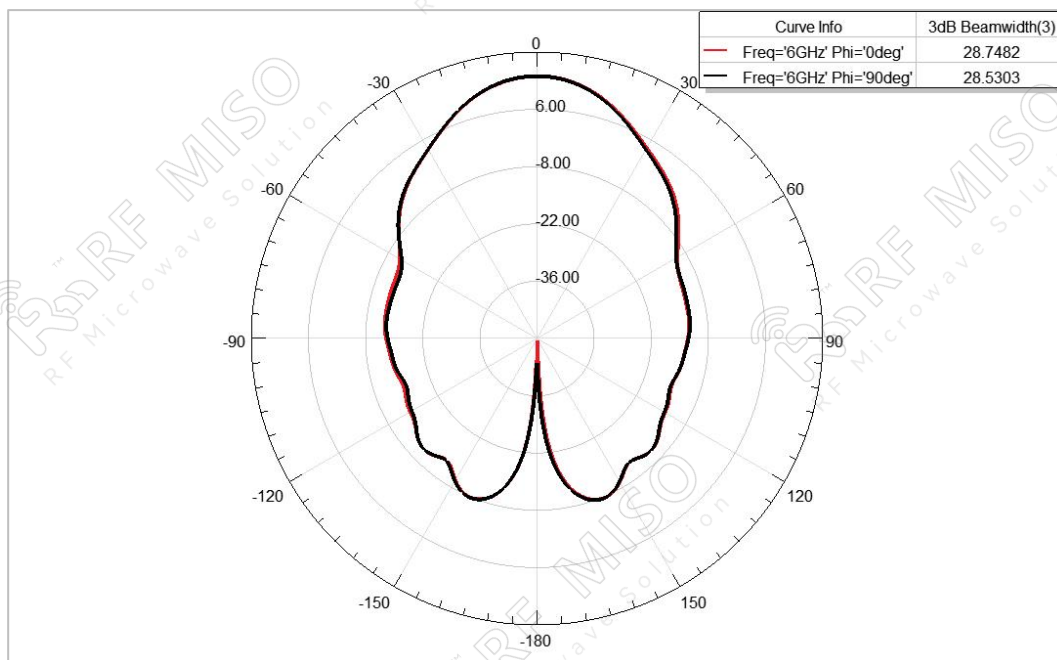
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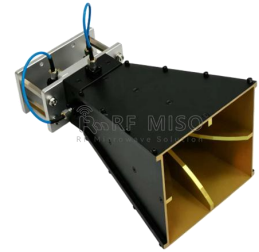
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4GHz



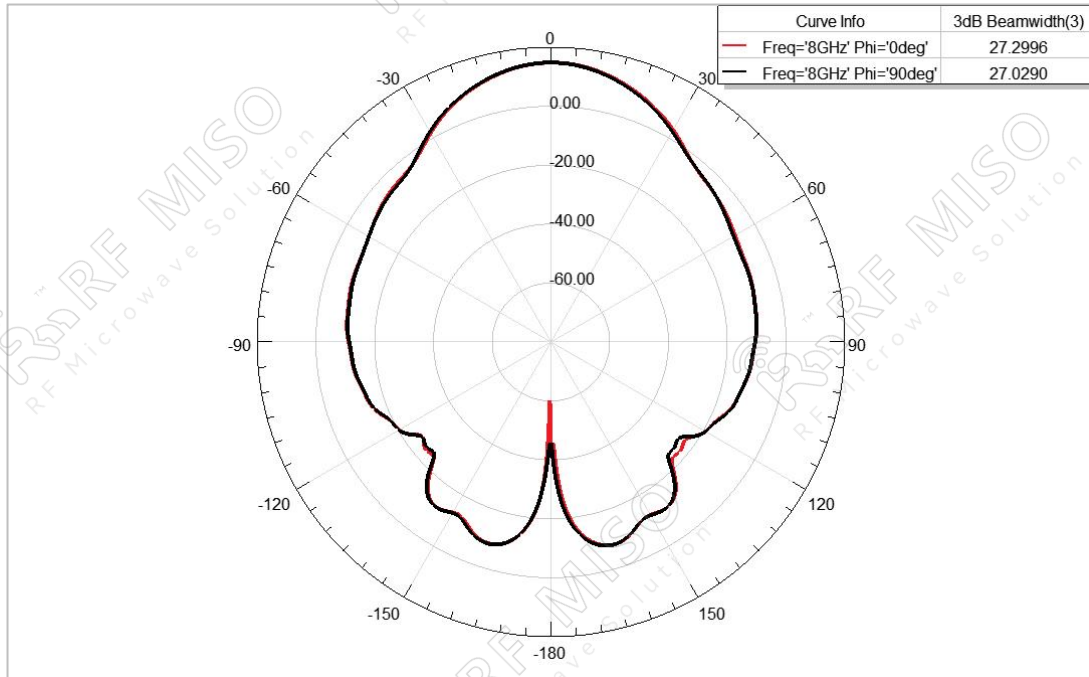
6GHz



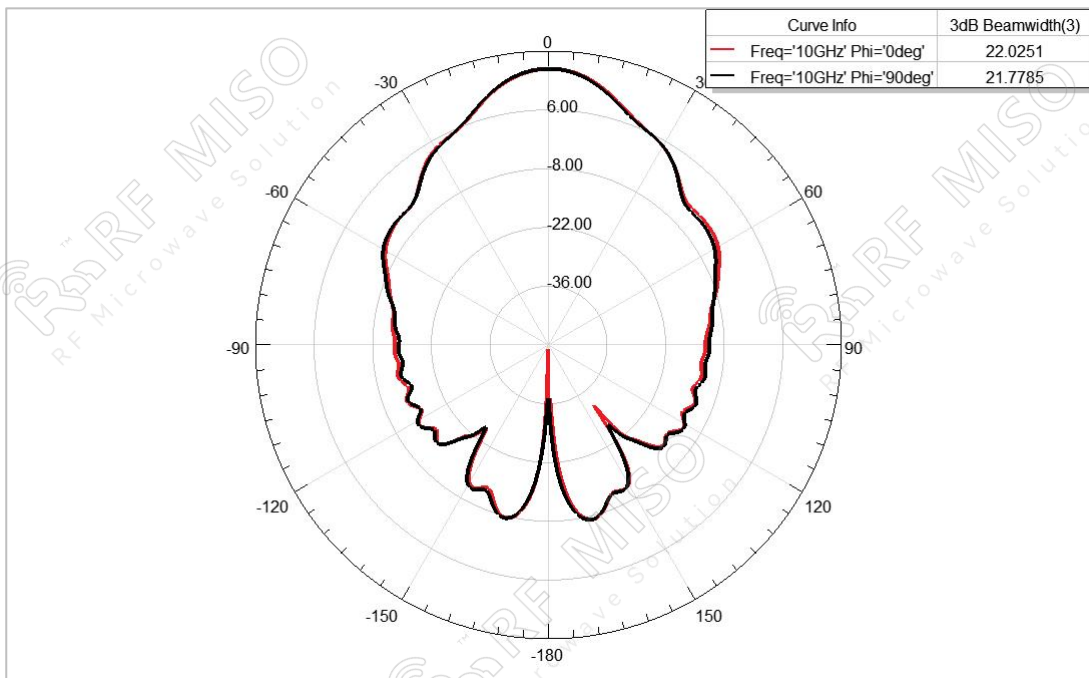
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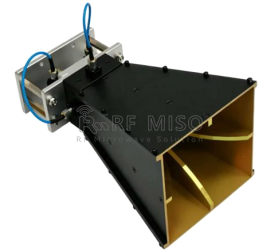
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8GHz



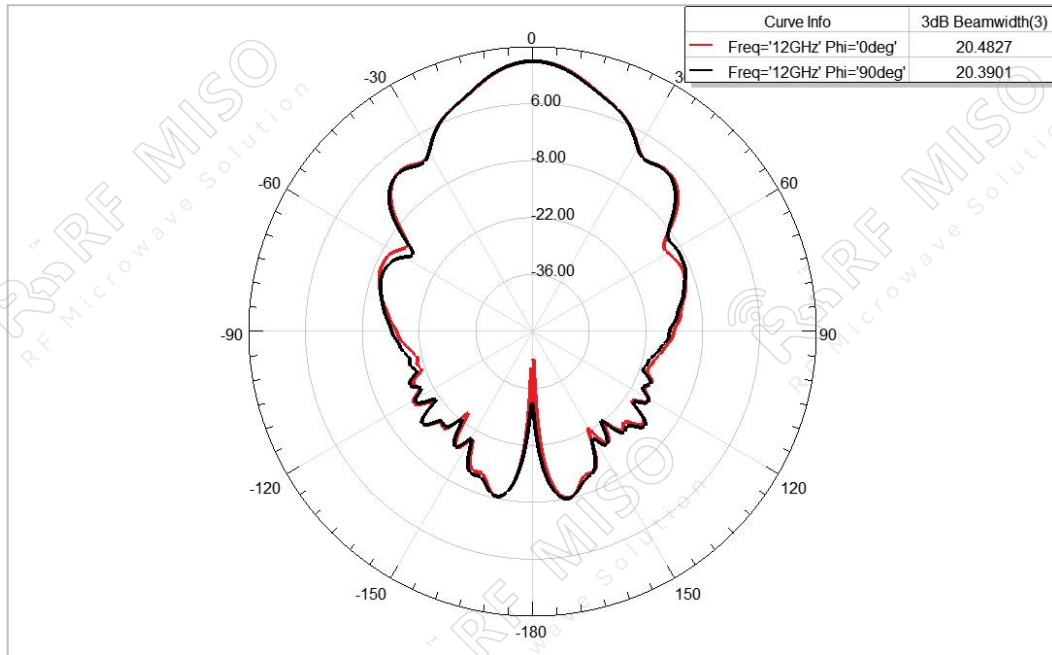
10GHz



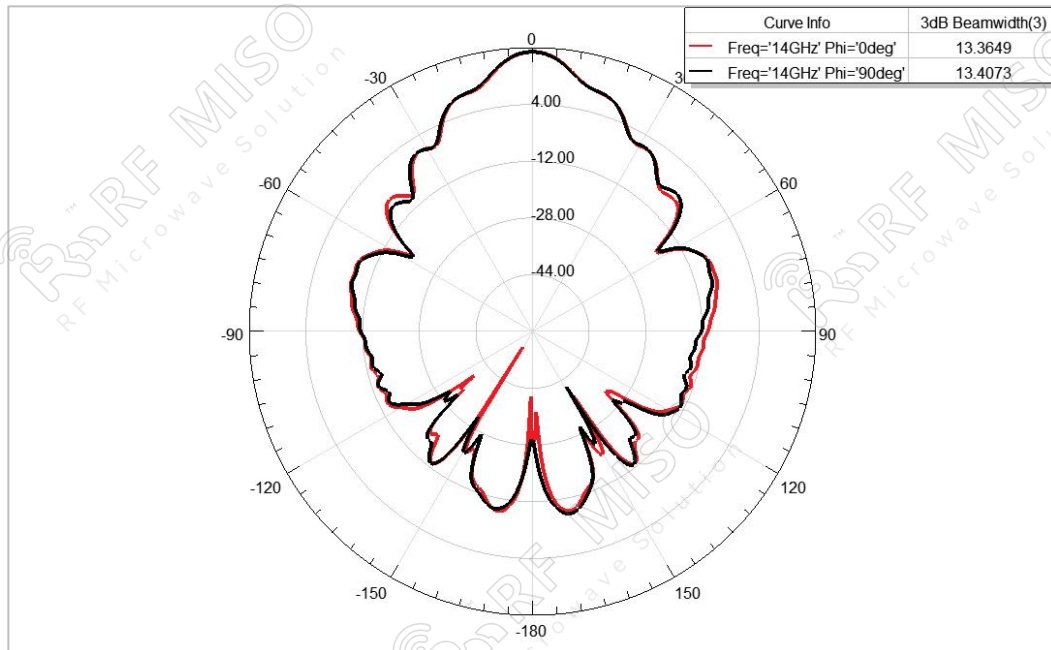
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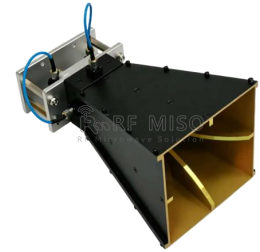
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12GHz



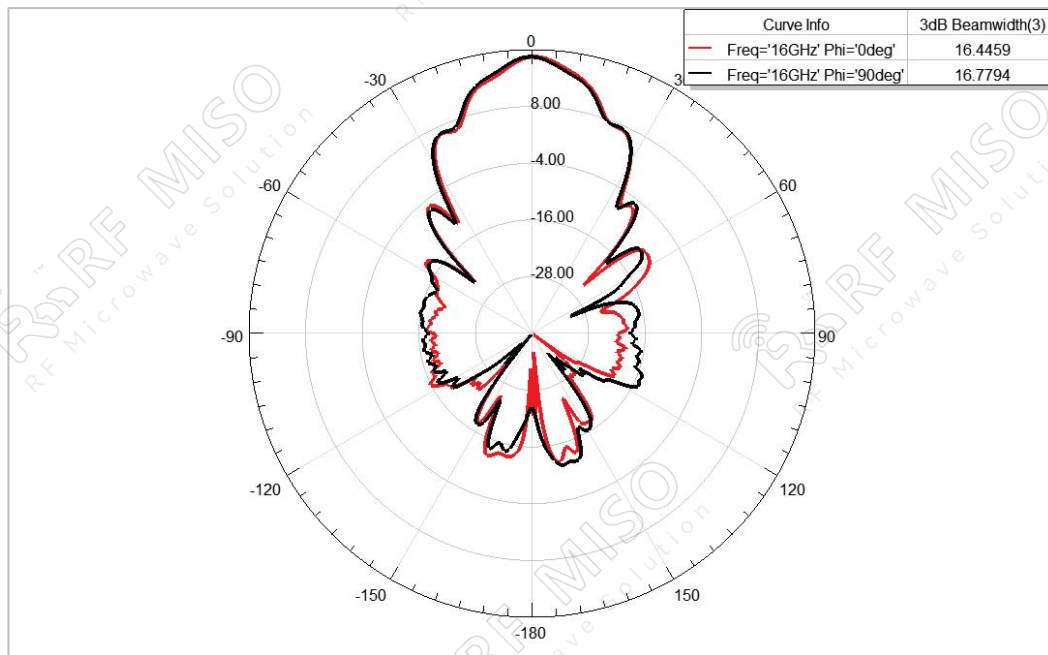
14GHz



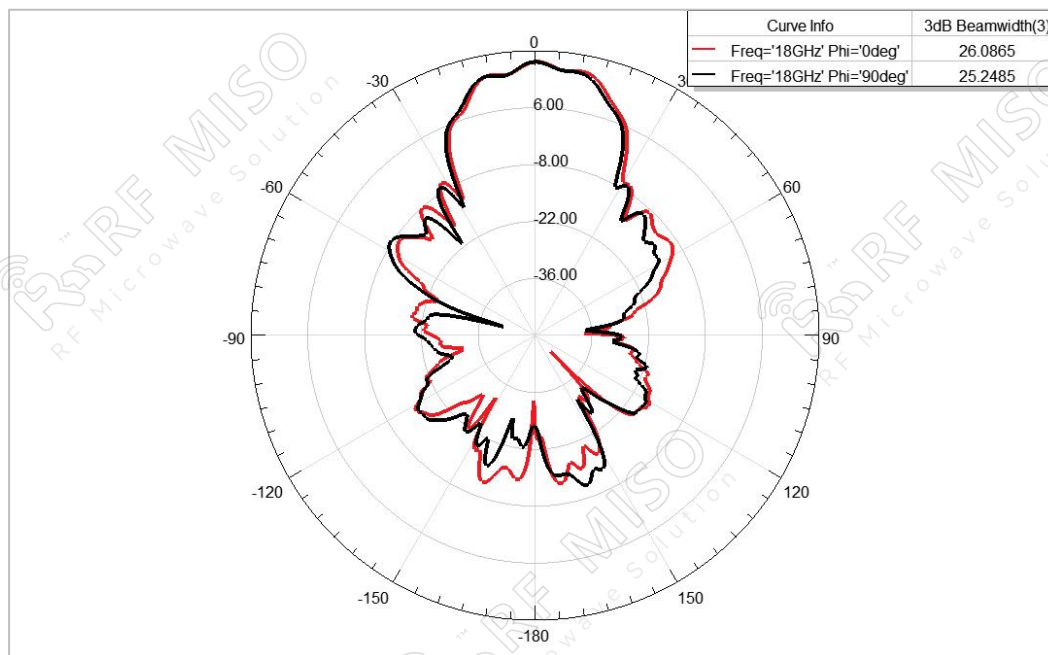
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16GHz



18GHz