

*Dual Circular Polarized Horn Antenna 10dBi Typ.
Gain, 0.7-6 GHz Frequency Range*

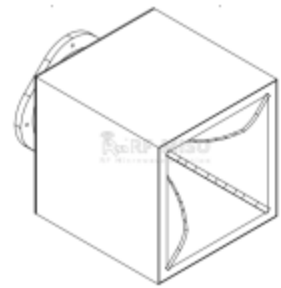
Dual Circular Polarized Horn Antenna Data Sheet

RM-DCPHA076-10

Specifications

RM-DCPHA076-10		
Parameters	Specification	Unit
Frequency Range	0.7-6	GHz
Gain	10 Typ.	dBi
VSWR	<2	
AR	<1.5	
Polarization	Dual Circular	
Cross Pol. Isolation	30Typ.	dB
Port Isolation	45Typ.	dB
3dB Beamwidth	18.6~89.7	deg
Interface	SMA-Female	
Material	Al	
Finishing	Paint	
Average Power	50	W
Peak Power	100	W
Size (L*W*H)	264.2*Ø207.6(±5)	mm
Weight	3.121	kg

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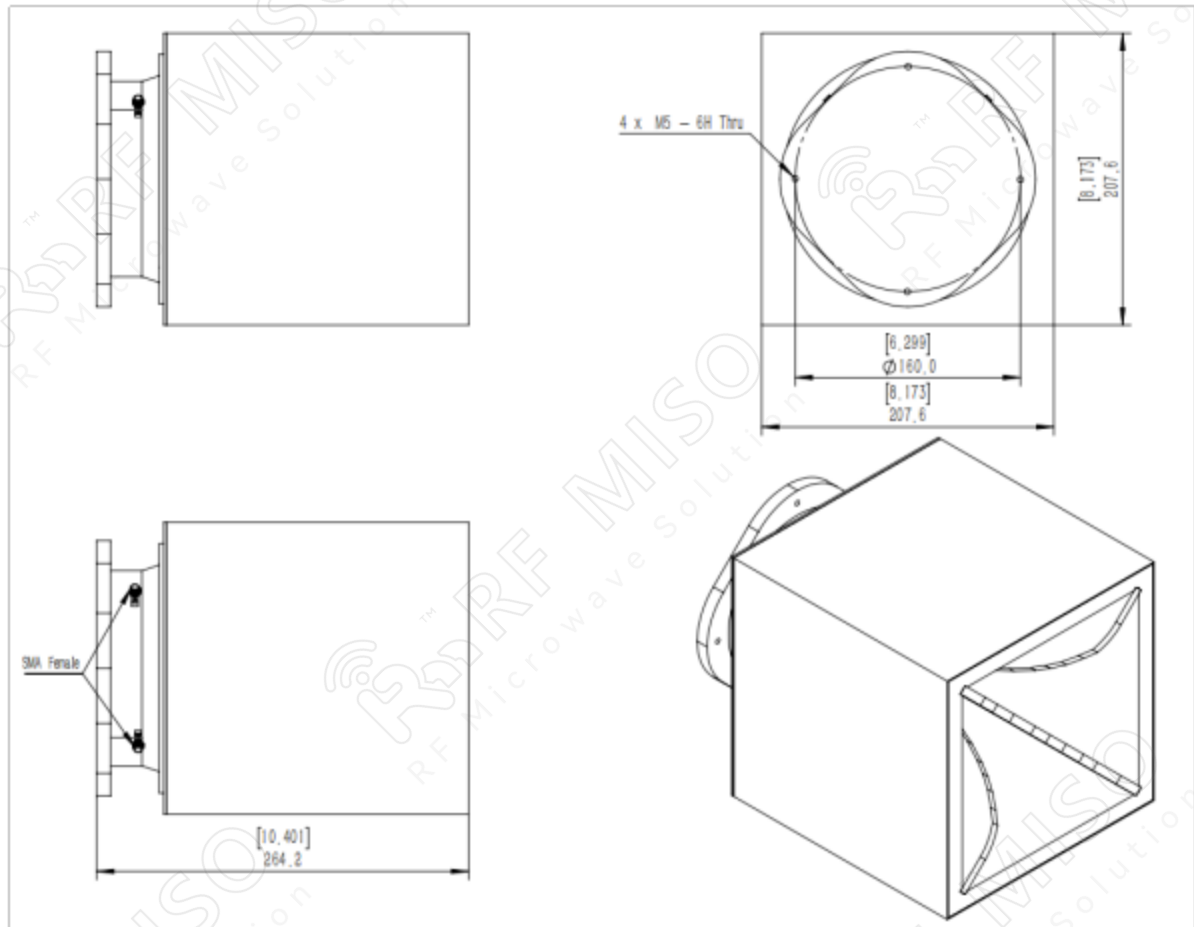


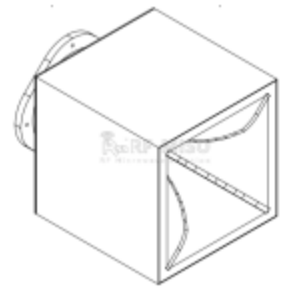
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Outline Drawing

N type type connector is available, please contact RF Miso.





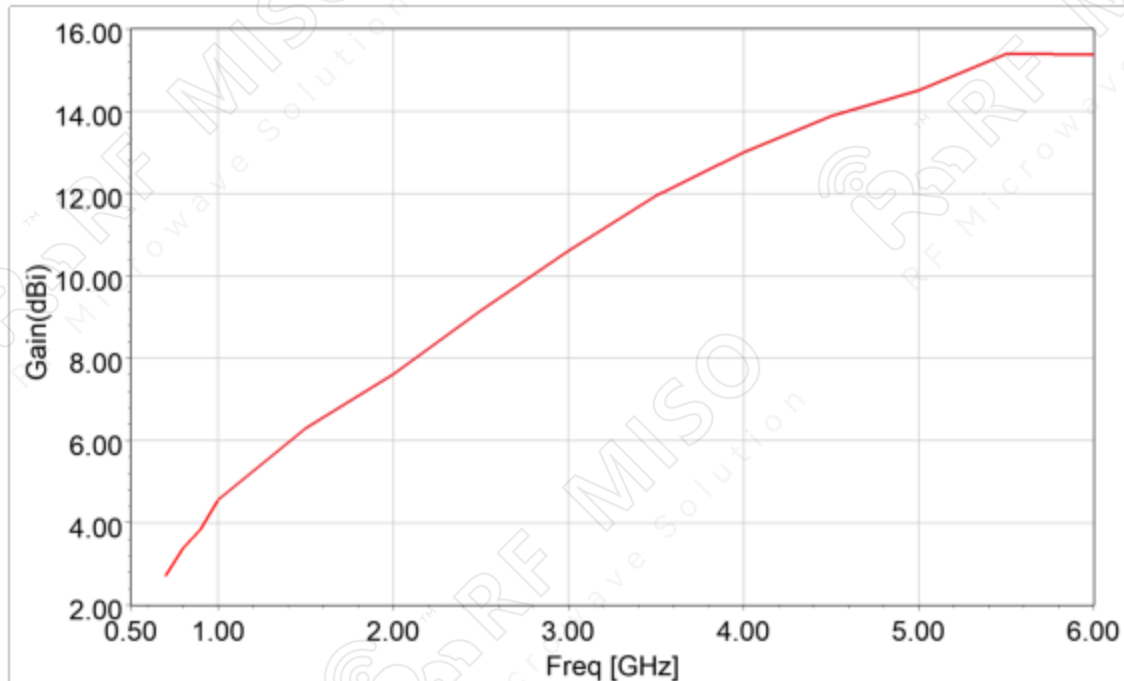
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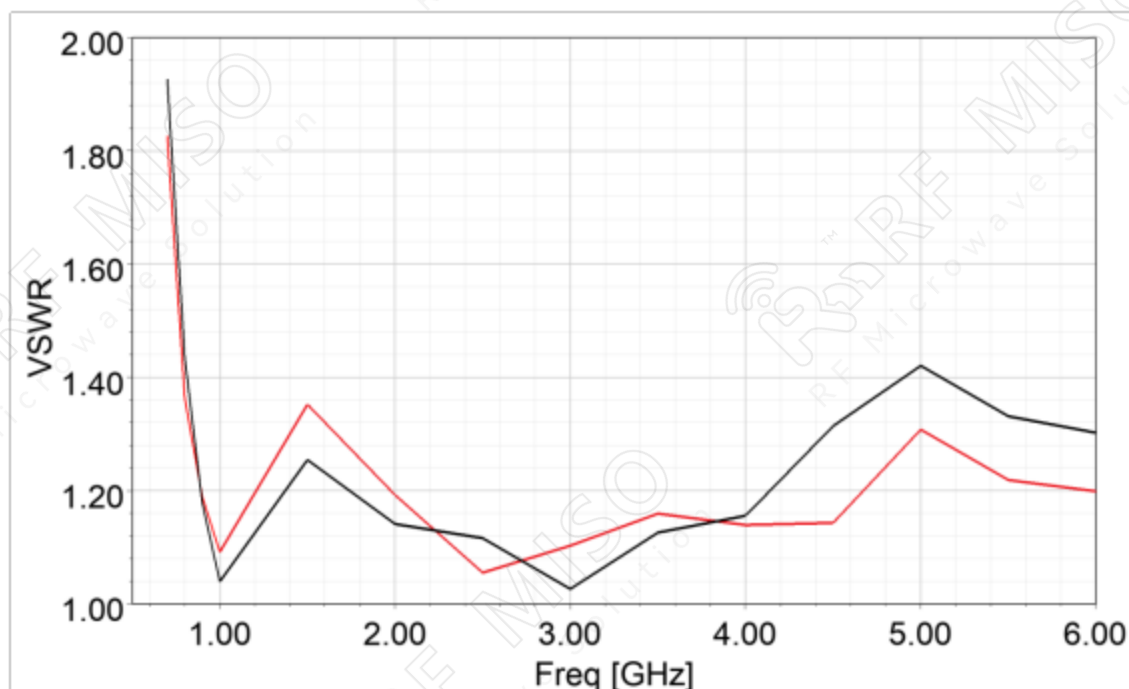
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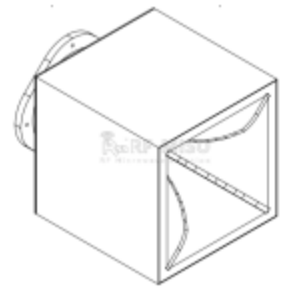
Simulation Data

Gain



VSWR



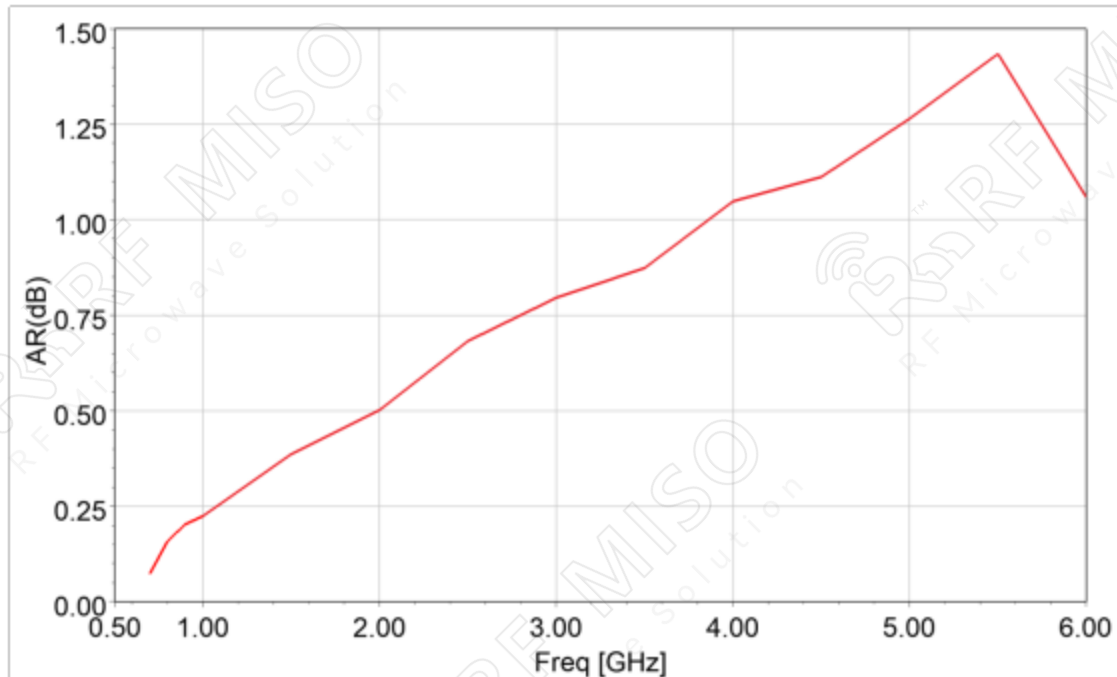


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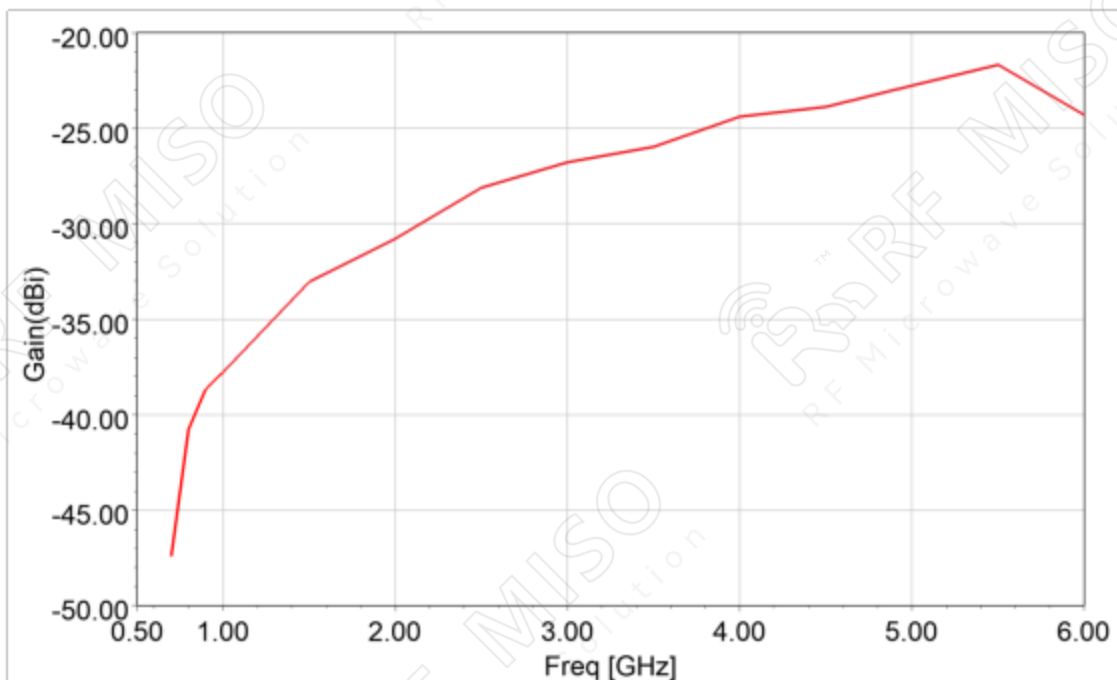
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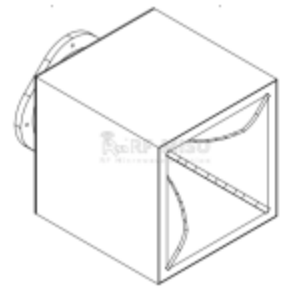
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AR



Cross Polarization

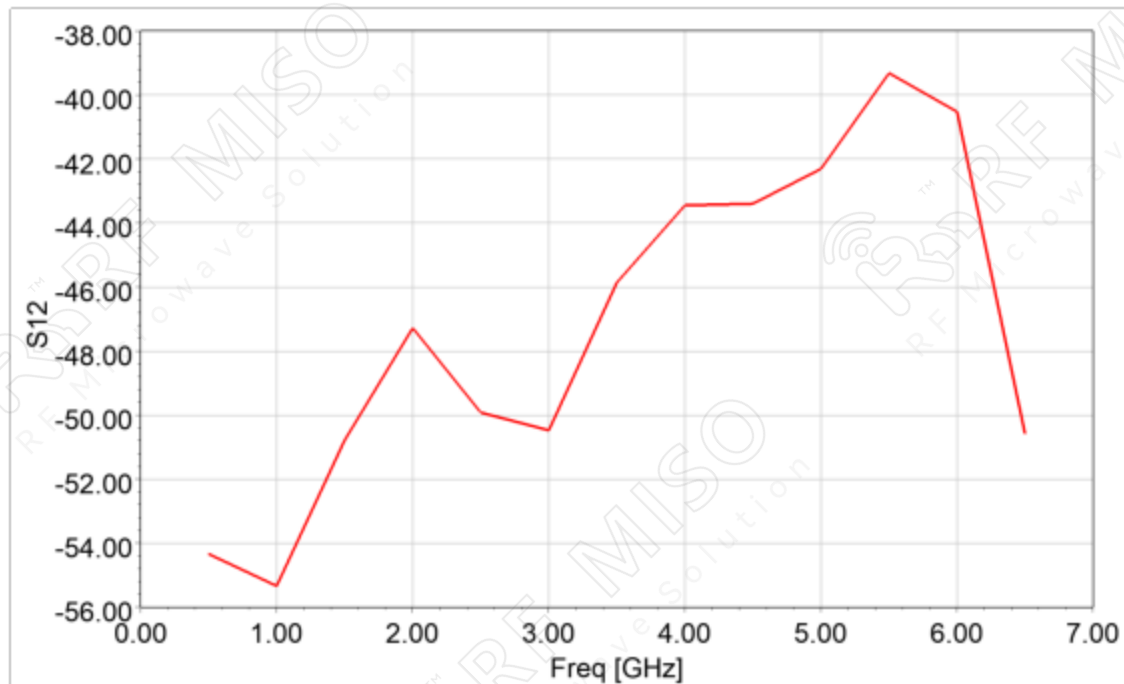




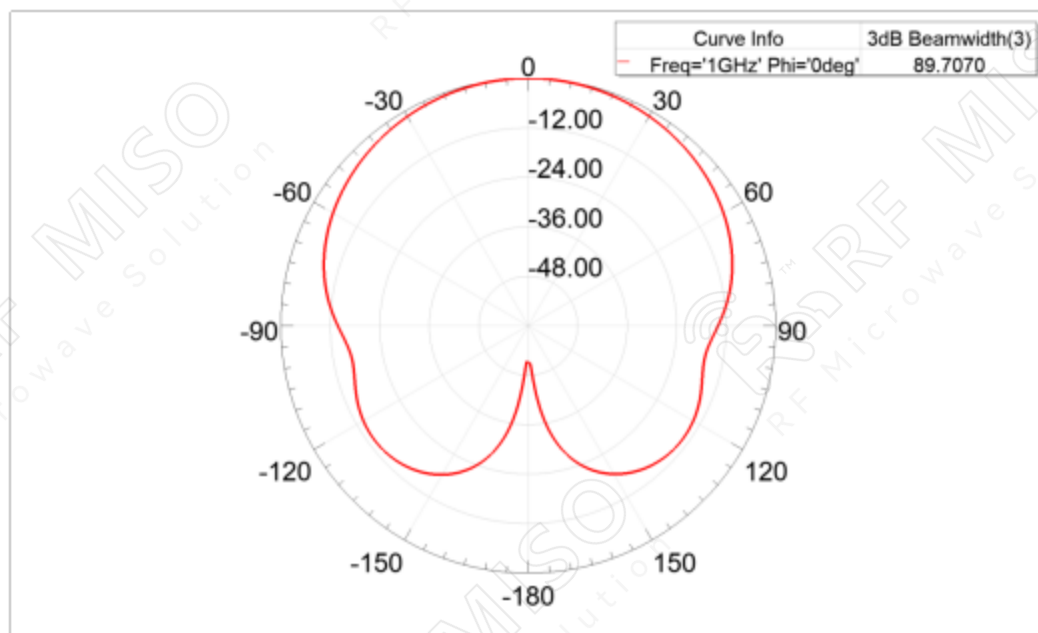
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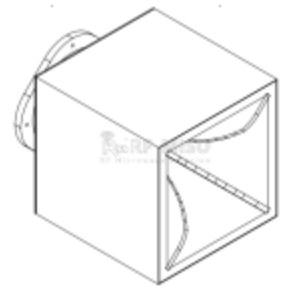
Port Isolation



Gain Pattern



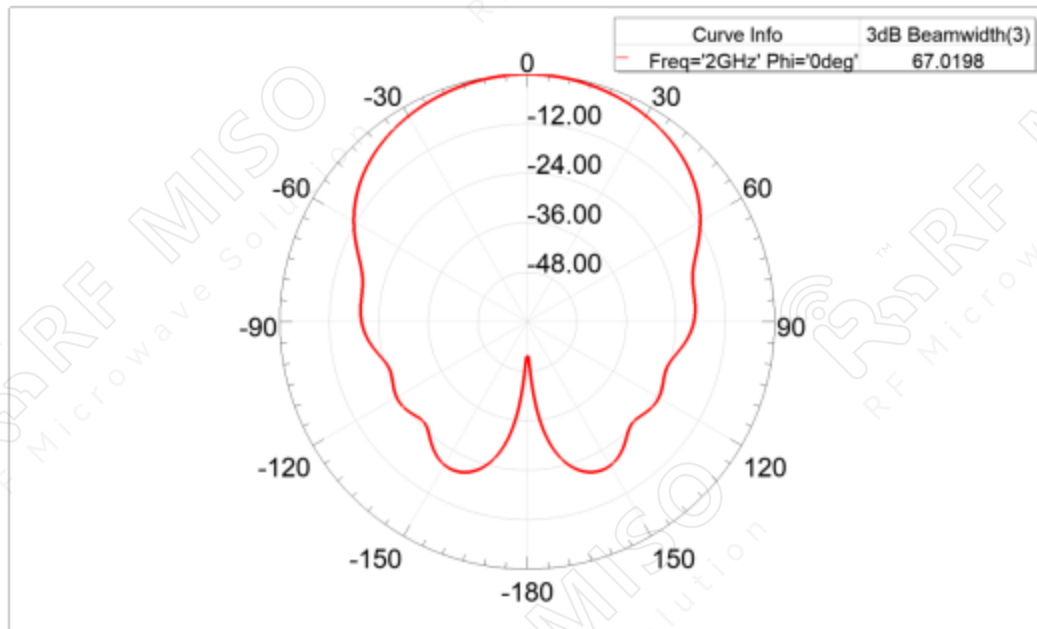
1 GHz



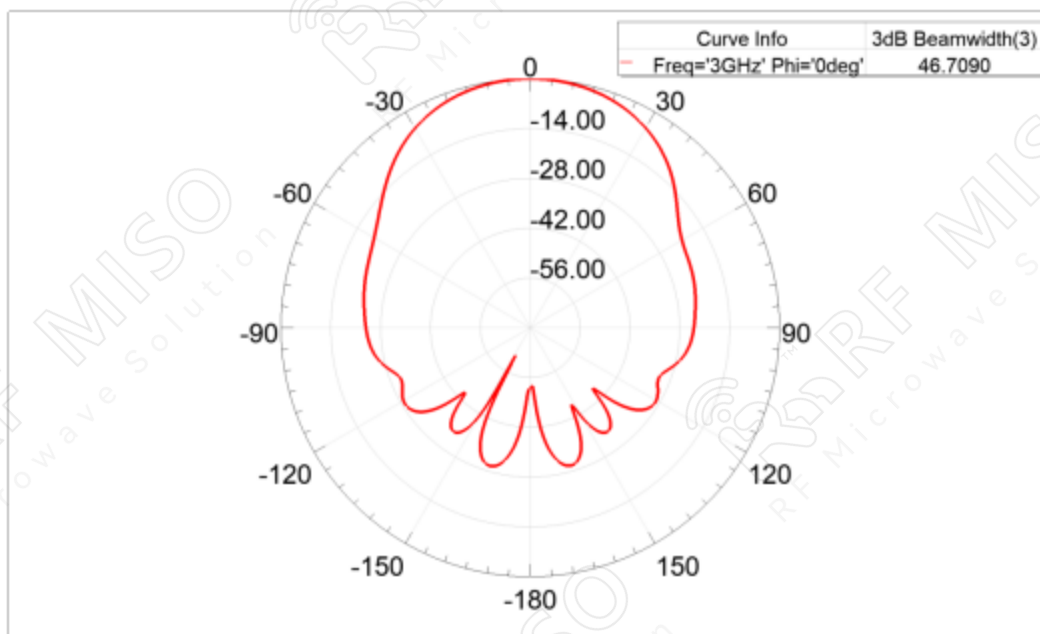
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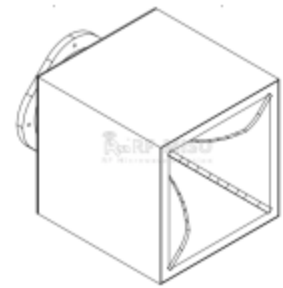


2 GHz



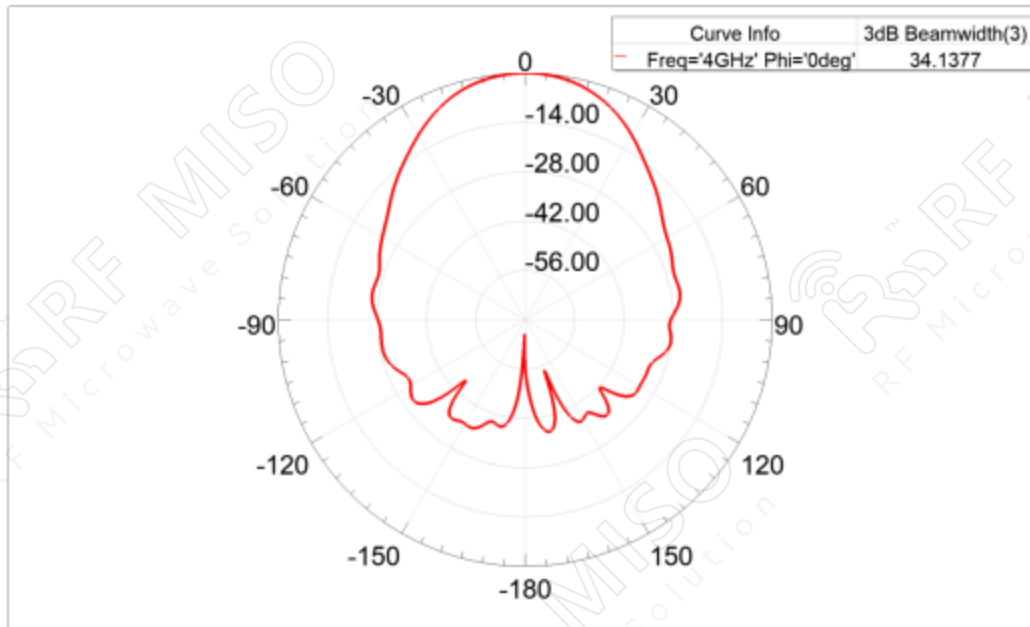
3 GHz

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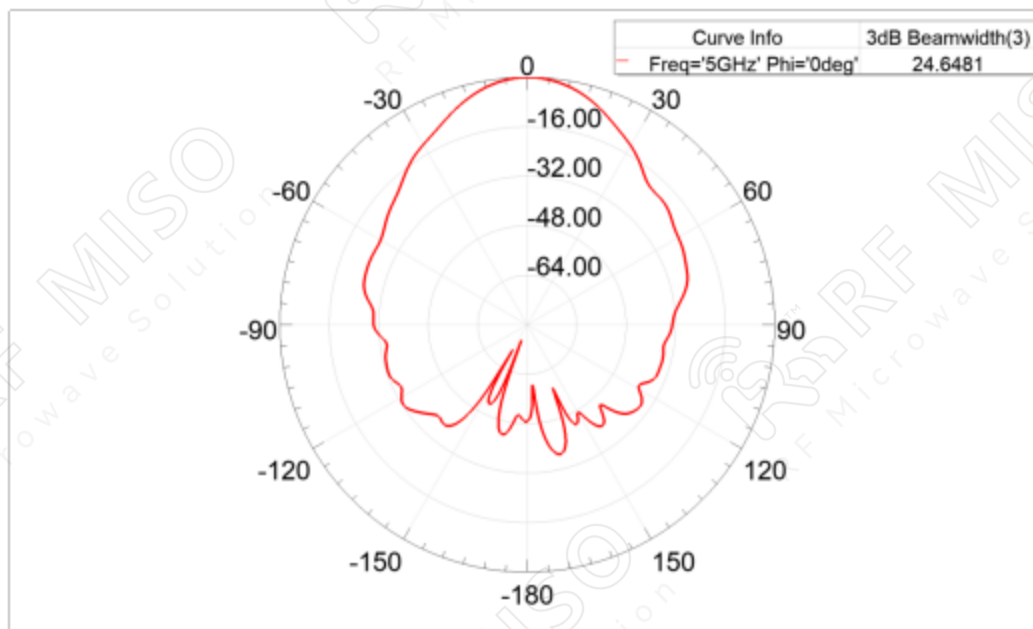


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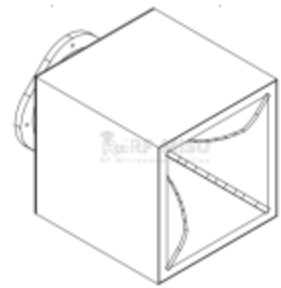
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4 GHz



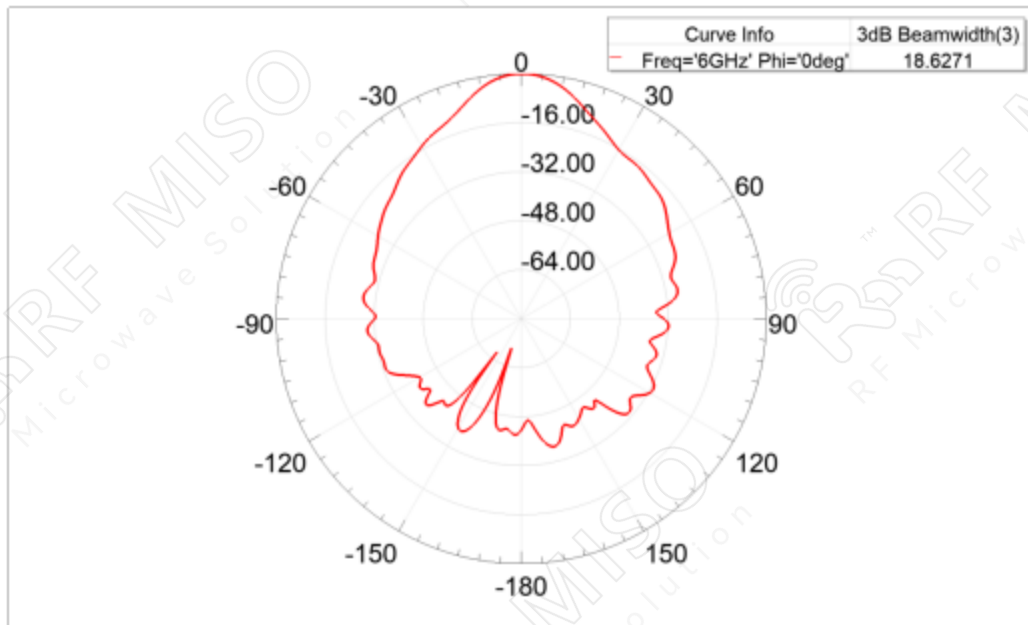
5 GHz



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6 GHz