

*Bi-Conical Antenna 4 dBi Typ. Gain, 30-40 GHz
Frequency Range*



Bi-Conical Antenna Data Sheet

RM-BCA3040-2

Descriptions

RF MISO's **Model RM-BCA3040-4** is a vertical linear polarizatoion that operates from 30 to 40 GHz, The antenna offers Gain 4dBi Typ. The antenna RF ports are 2.92mm-F connector. The antenna can be widely used in EMI detection, orientation, reconnaissance, antenna gain and pattern measurement and other application fields.

Specificaions

RM-BCA3040-4			
Parameters	Typical		Units
Frequency Range	30-40		GHz
Gain	4 Typ.		dBi
VSWR	1.7 Typ.		
Polarization	Vertical Linear Polarizatoion		
3dB BeamWidth	21.02~34.10		°
Connector	2.92mm-Female		
Material	Al		
Finishing	Paint		
Size(L*W*H)	Ø46*30.4(±5)		mm
Weight	0.043		kg
Power Handling	CW: 20	Peak: 40	W

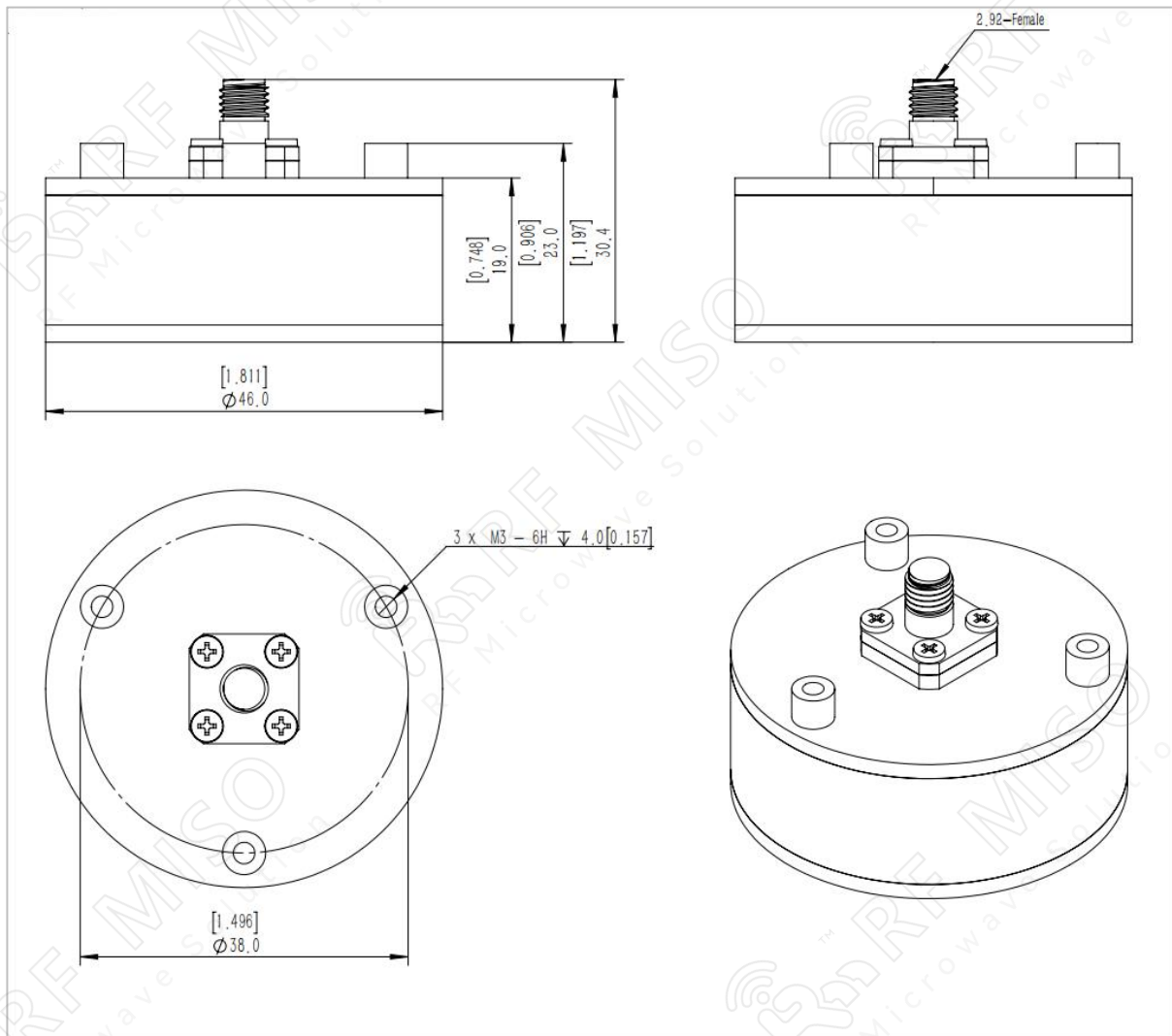
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Outline Drawing



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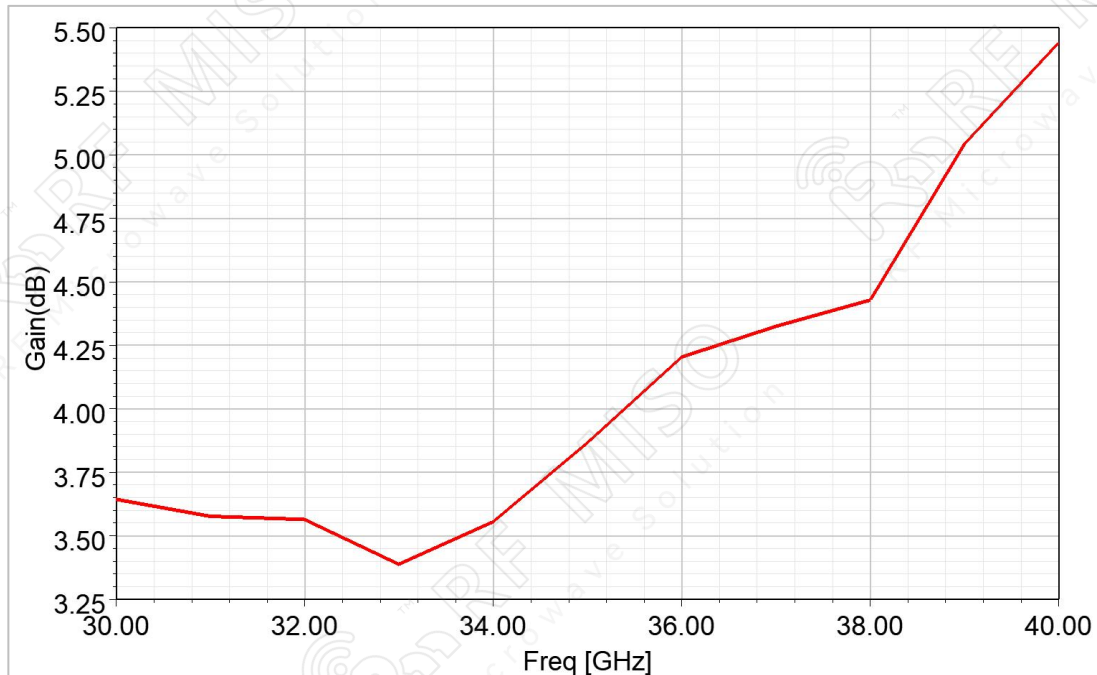


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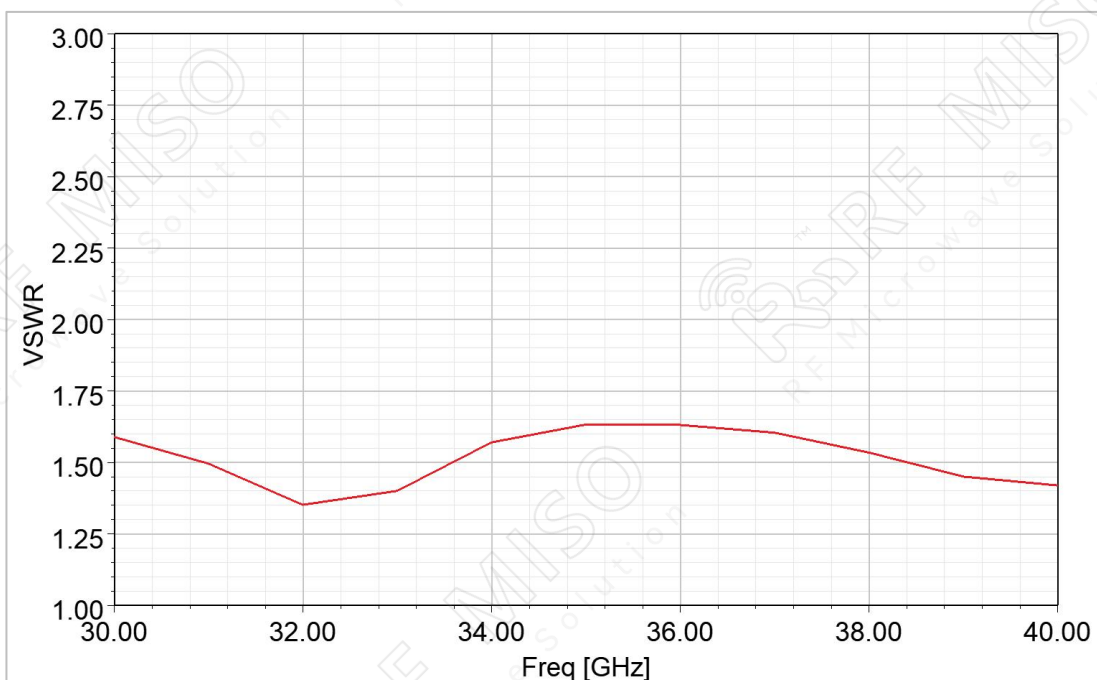
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Simulation Data

Gain



VSWR



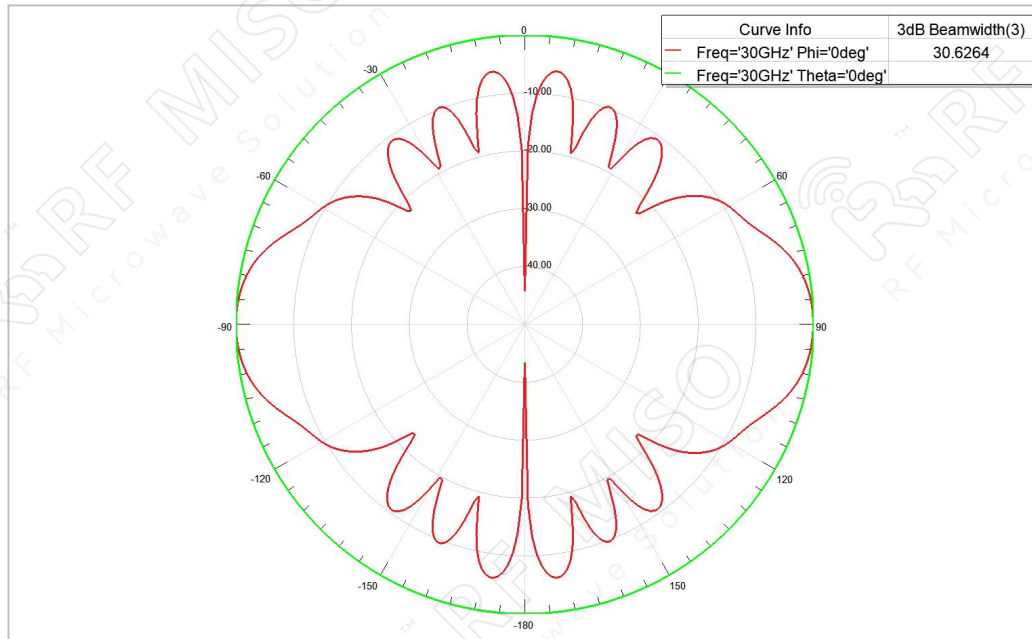
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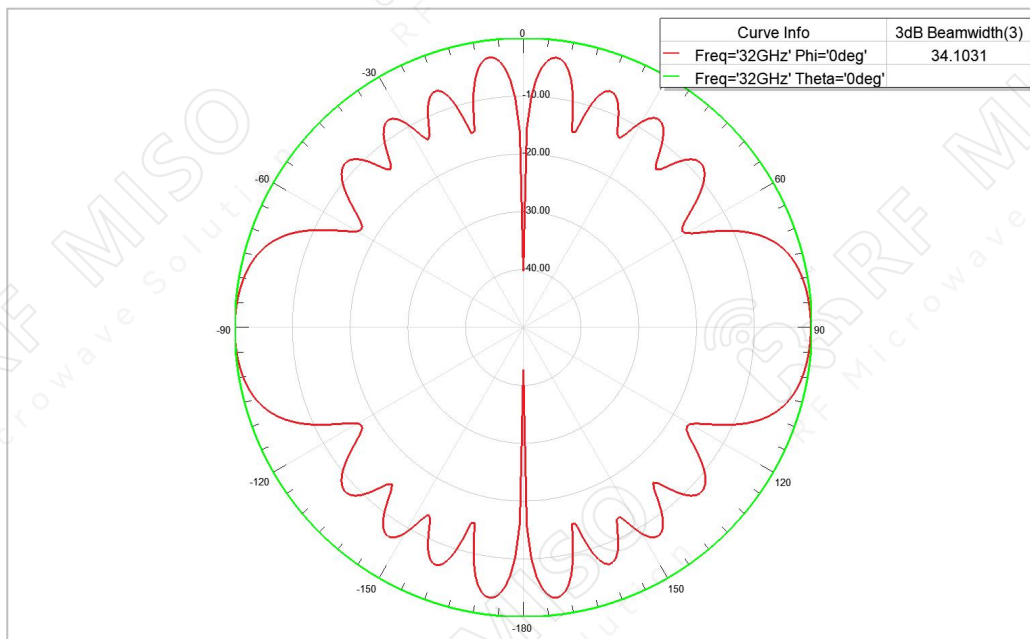
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Pattern



30 GHz



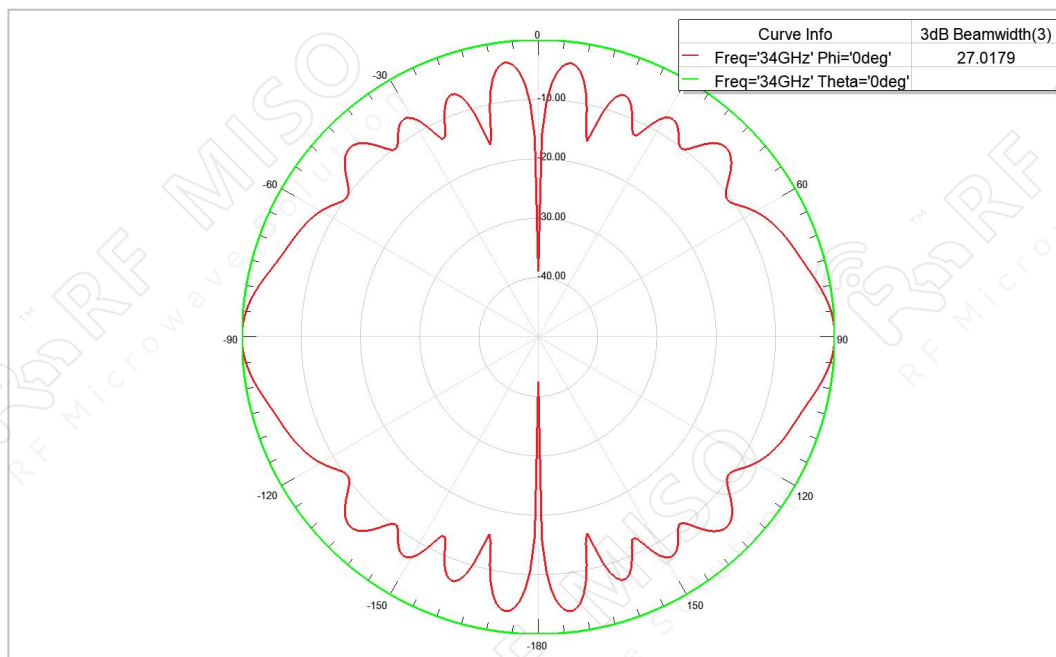
32 GHz

*Bi-Conical Antenna 4 dBi Typ. Gain, 30-40 GHz
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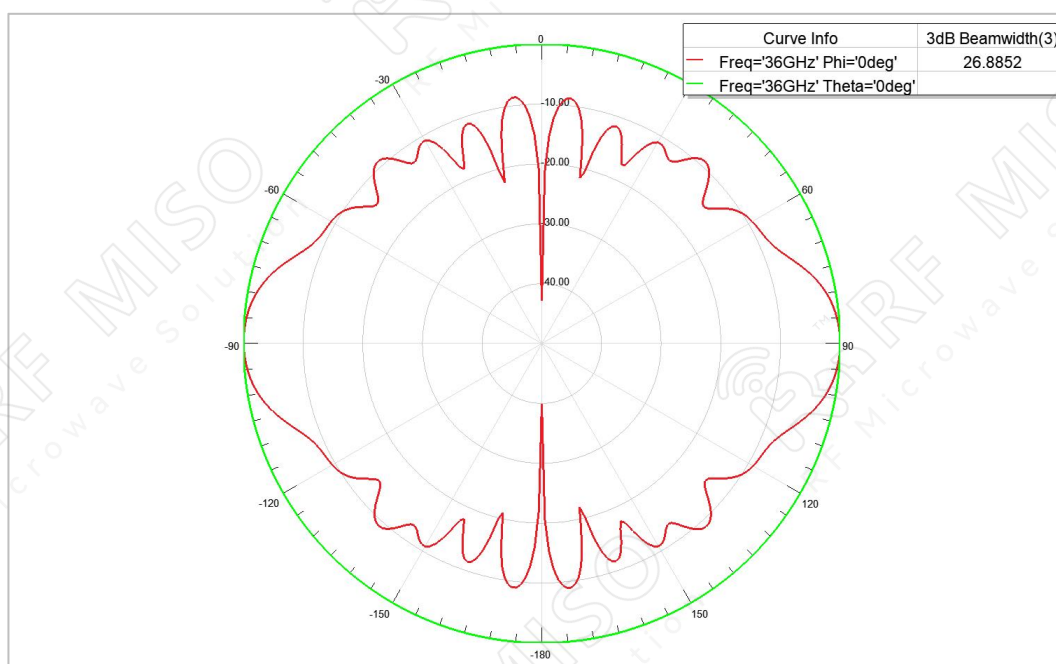


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34 GHz



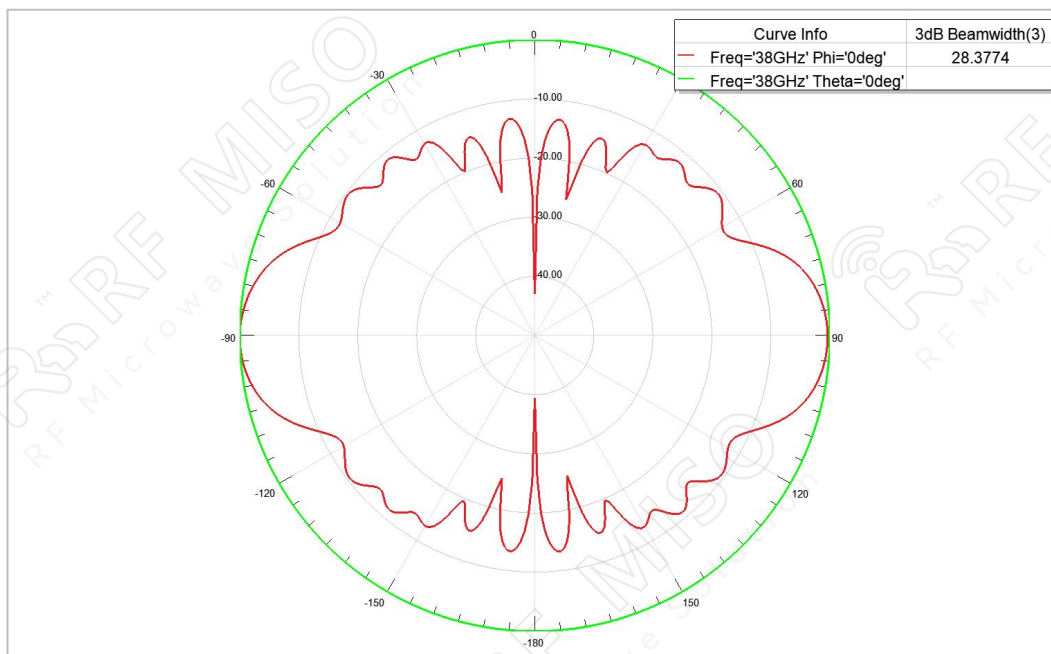
36 GHz

*Bi-Conical Antenna 4 dBi Typ. Gain, 30-40 GHz
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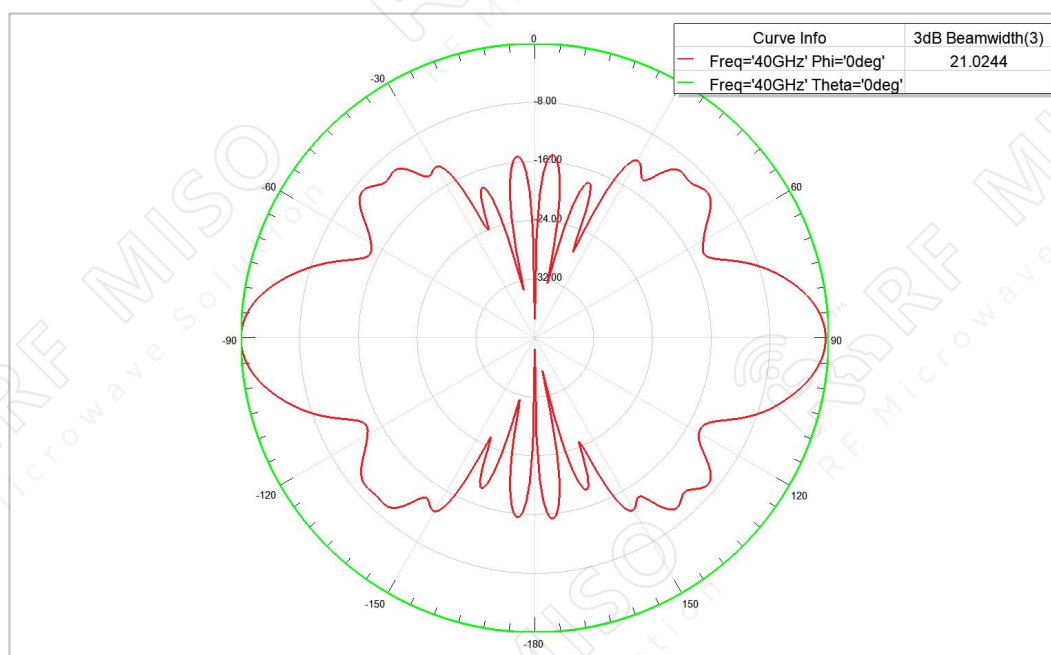


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38 GHz



40 GHz