

*Cassegrain Antenna
26.5-40GHz Frequency Range, Gain 40dBi Typ.*

Cassegrain Antenna Data Sheet

RM-CGA28-40

Specifications

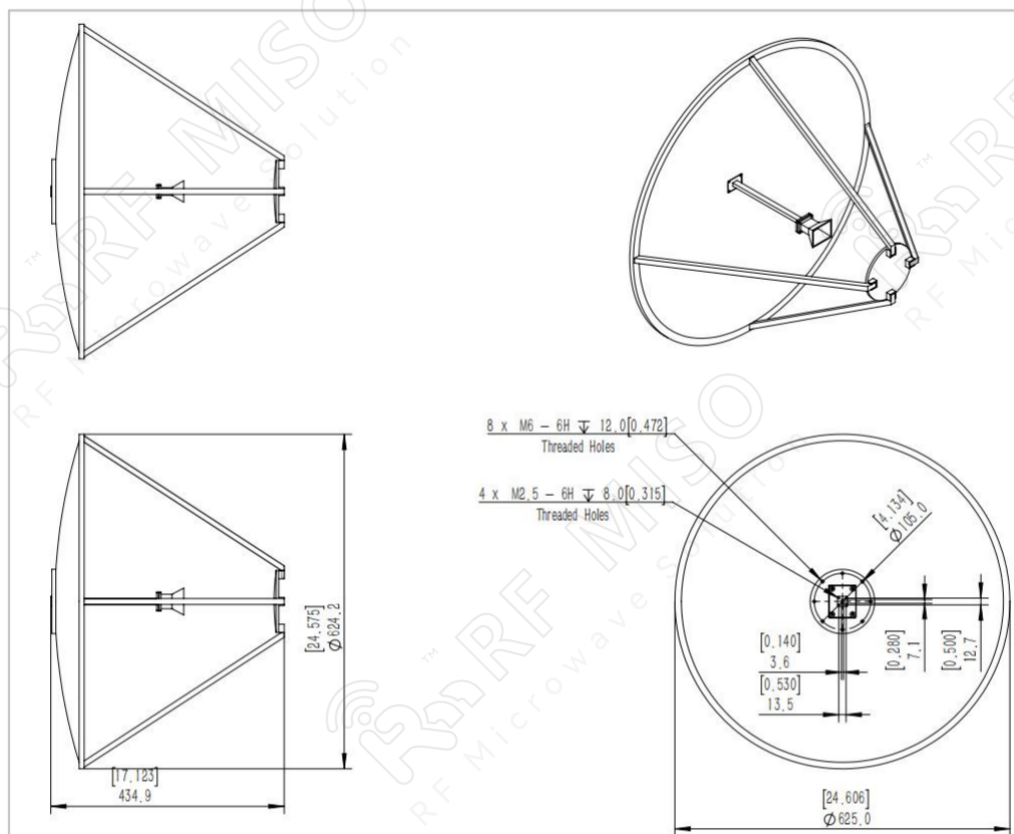
RM-CGA28-40		
Parameters	Specification	Unit
Frequency Range	26.5-40	GHz
Wave-guide	WR28	
Gain	40 Typ.	dBi
VSWR	1.2 Typ.	
Polarization	Linear	
Interface	Waveguide /2.92-Female	
Material	Al	
Finishing	Paint	
Size	Φ 625.0*434.9(±5)	mm
Weight	9.088	kg

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Outline Drawing



Note:

The horn antenna can be matched with the WR28 coaxial, and the WR28 coaxial connector is 2.92-Female.

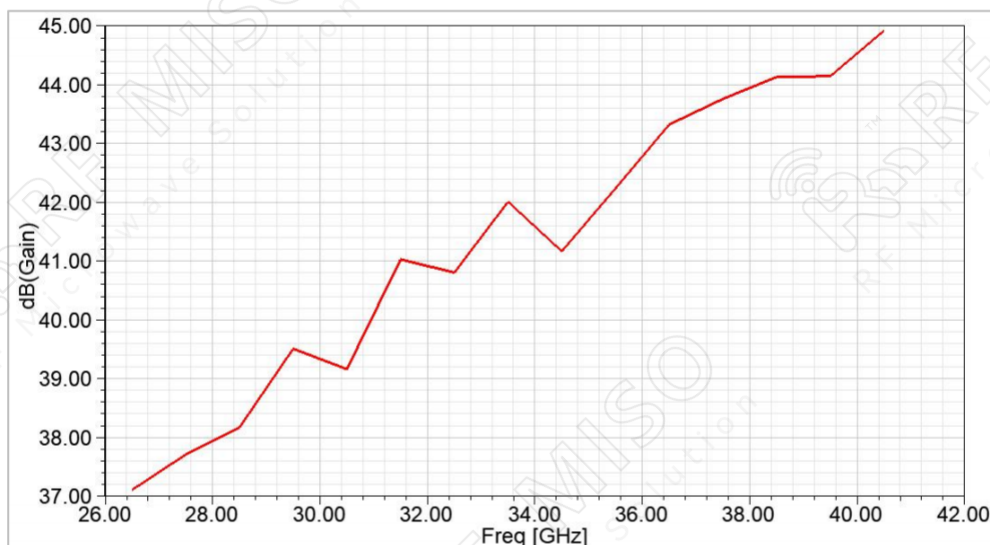
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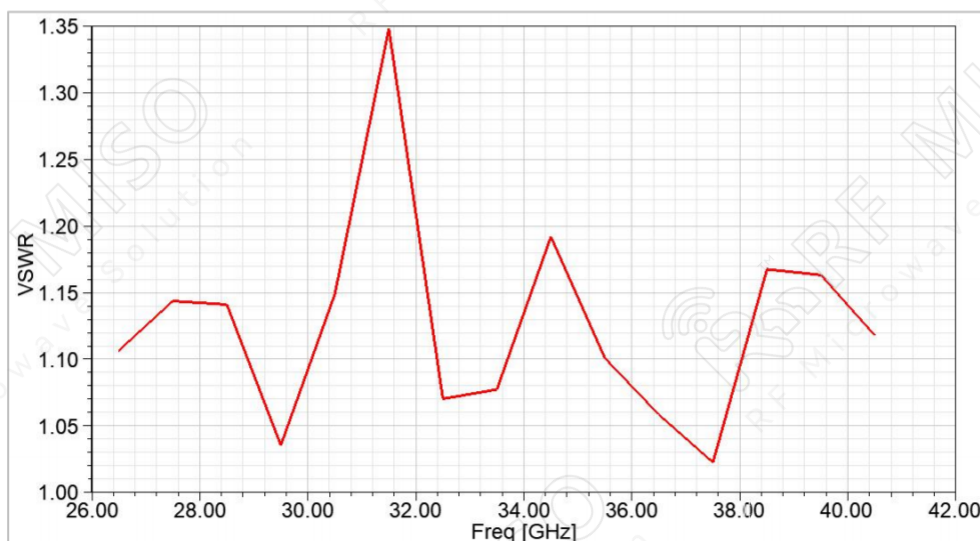
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Simulation Results

Gain



VSWR

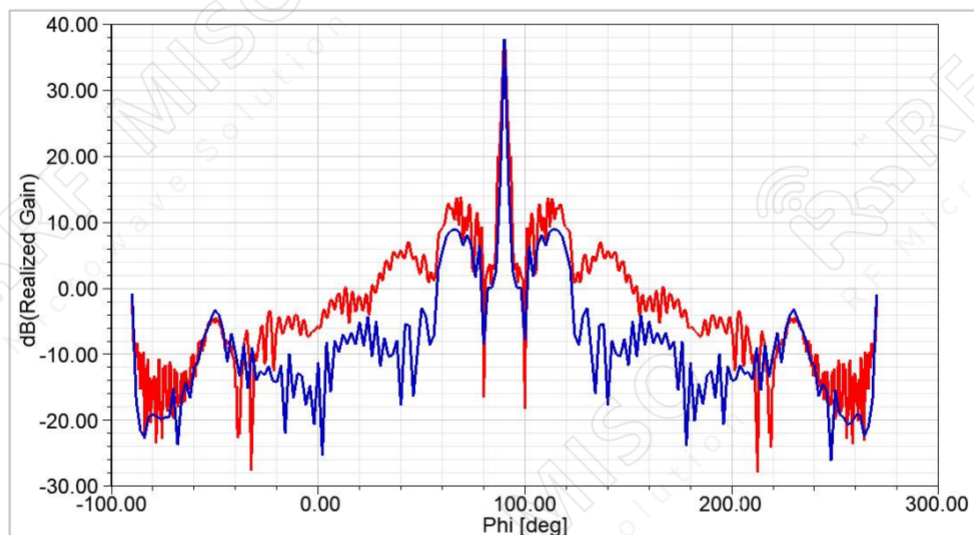


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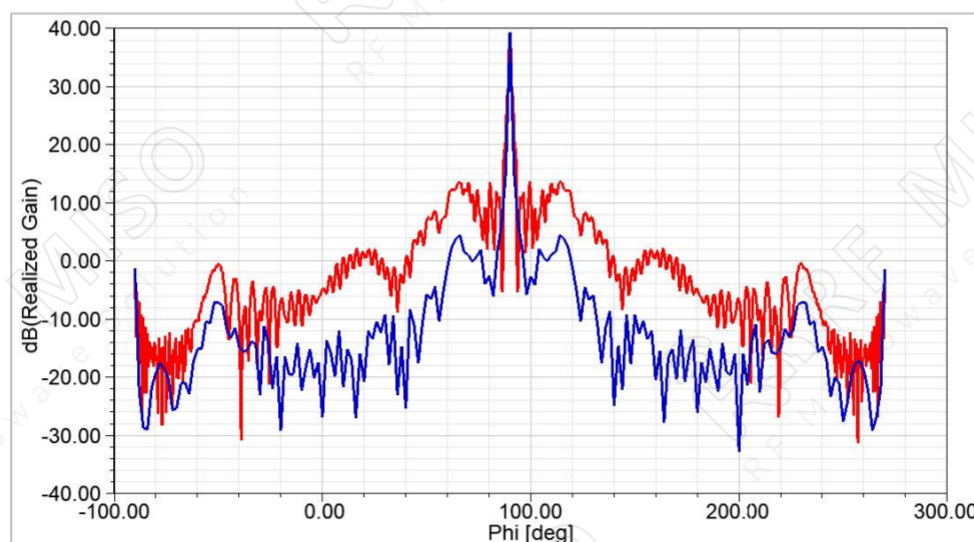
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Gain Pattern



27.5GHz

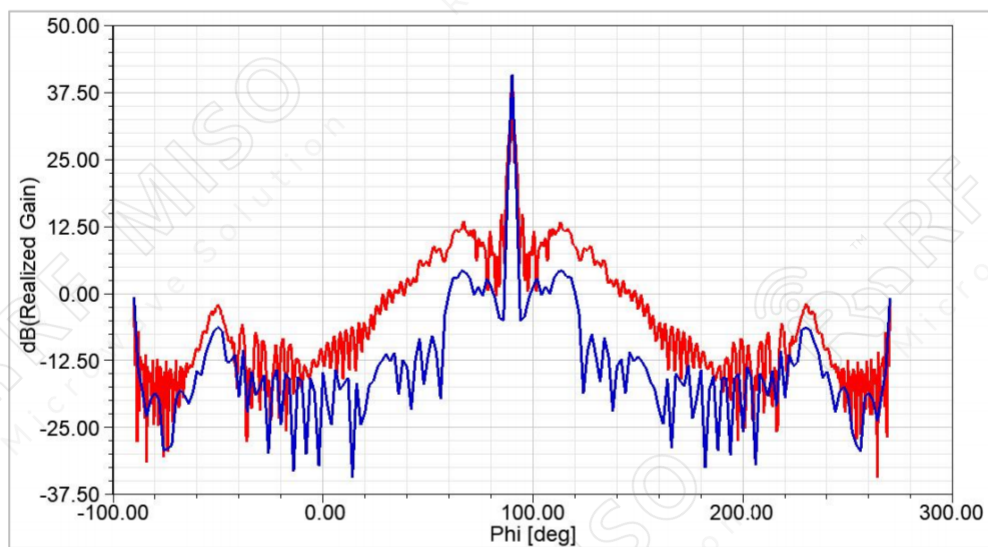


30.5GHz

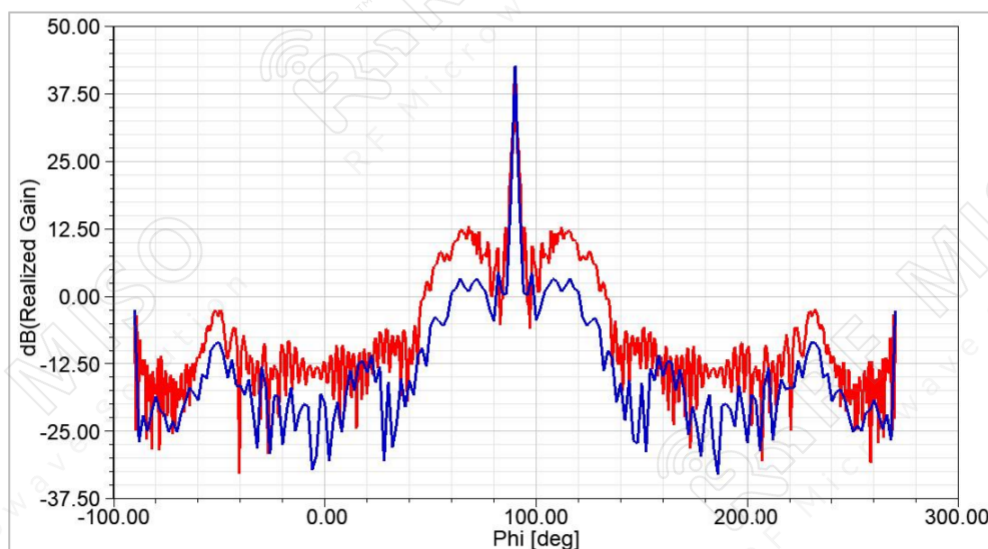
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32.5GHz

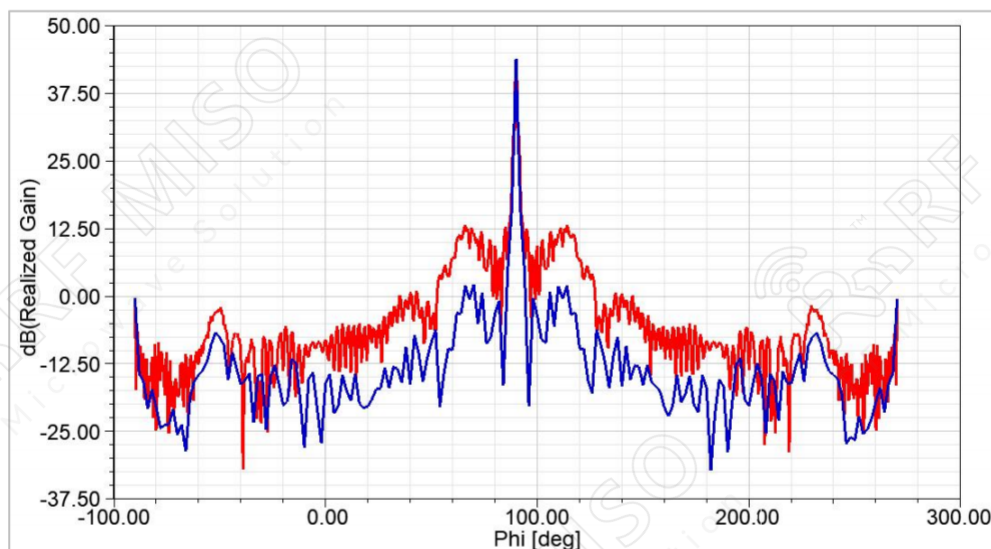


35GHz

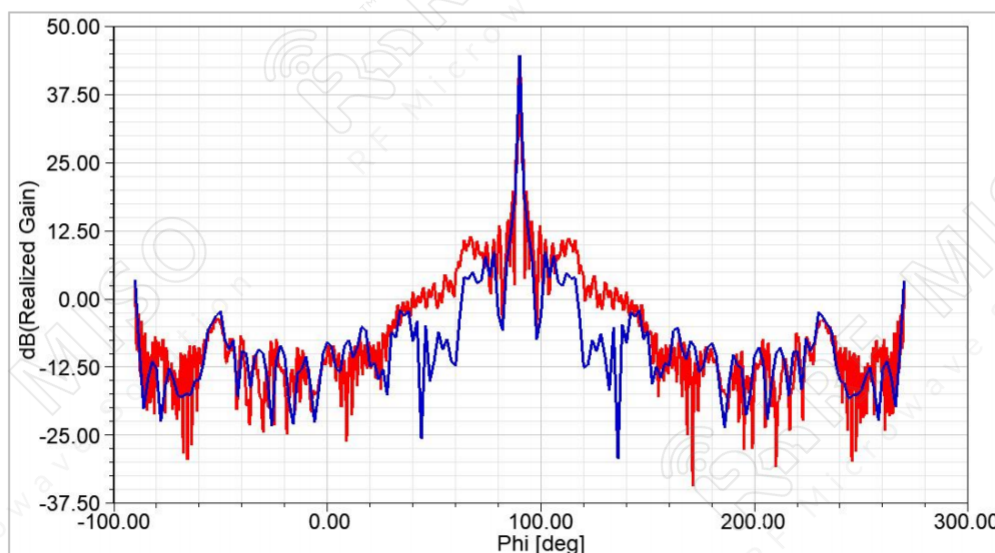
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37.5GHz



40GHz