

Corrugated Horn Antenna
22dBi Typ Gain, 140-220GHz Frequency Range

Corrugated Horn Antenna Data Sheet

RM-CGHA5-22

Specifications

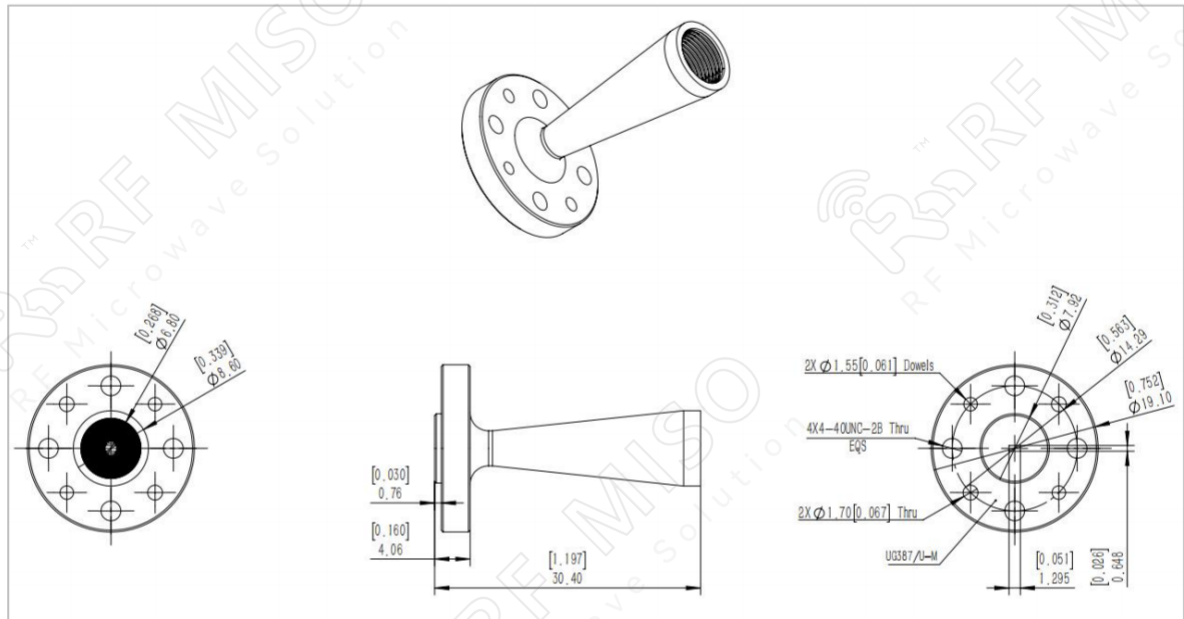
RM-CGHA5-22		
Parameters	Specification	Unit
Frequency Range	140-220	GHz
Gain	22 Typ.	dBi
VSWR	1.6 Typ	
Isolation	30 Typ.	dB
Polarization	Linear	
Waveguide	WR5	
Material	Al	
Finishing	Paint	
Size(L*W*H)	30.4*19.1*19.1 (±5)	mm
Weight	0.011	kg

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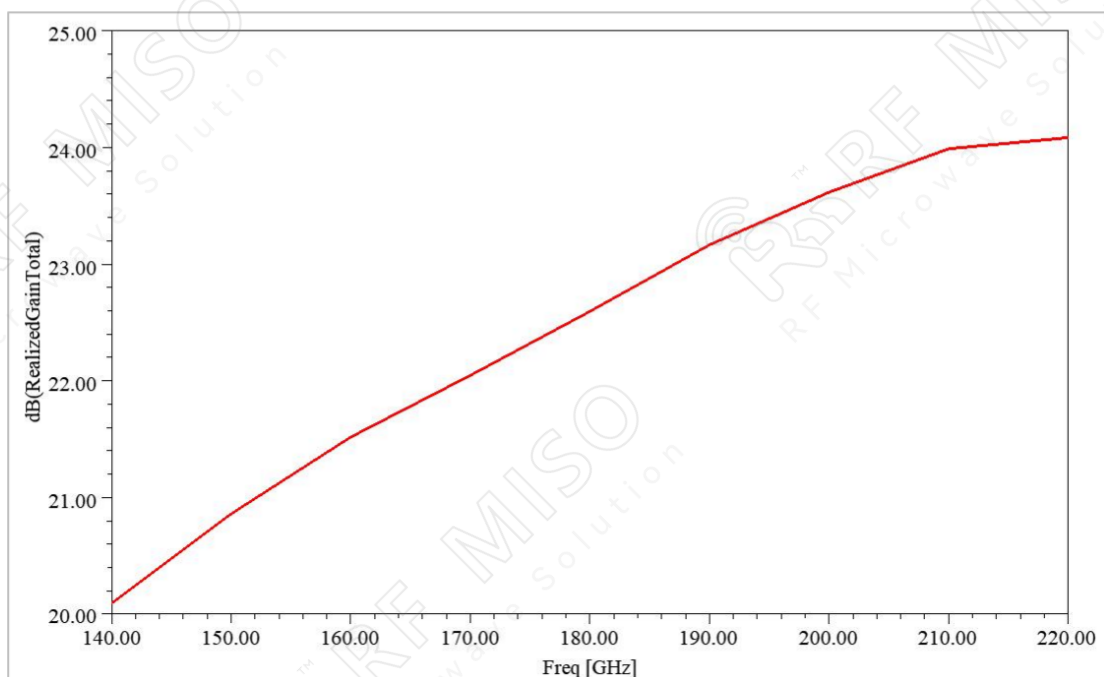
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Outline Drawing



Simulated Results

Gain

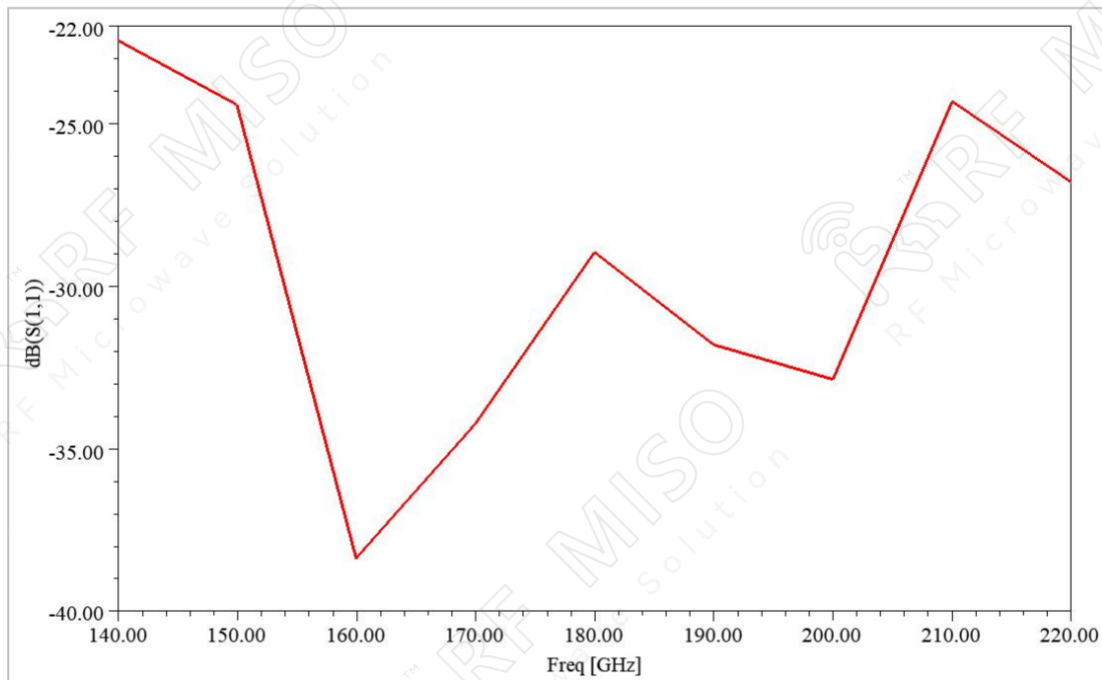


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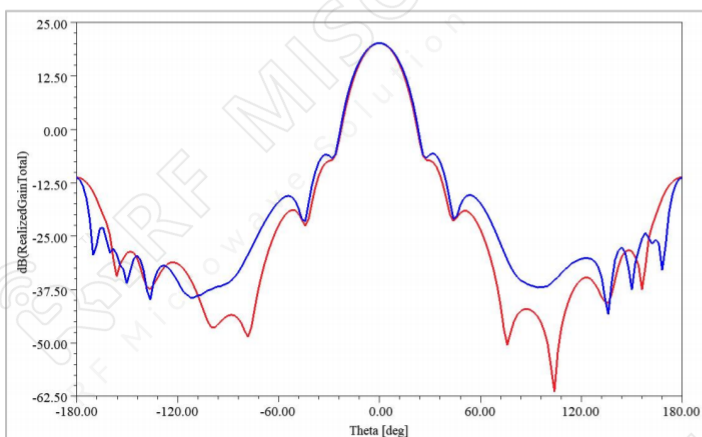
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RM-CGHA5-22

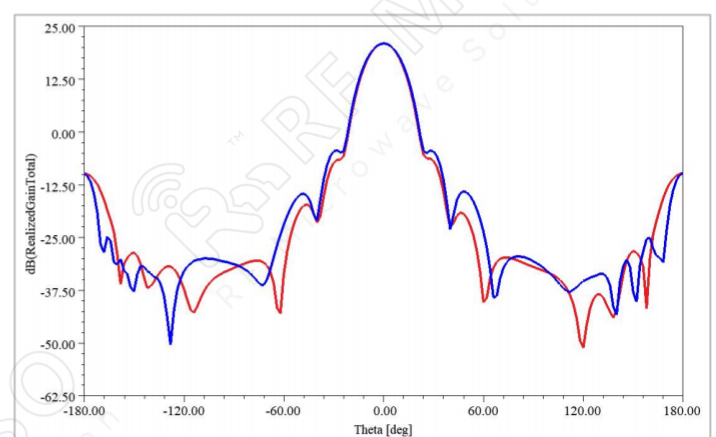
Isolation



Gain Pattern



140GHz

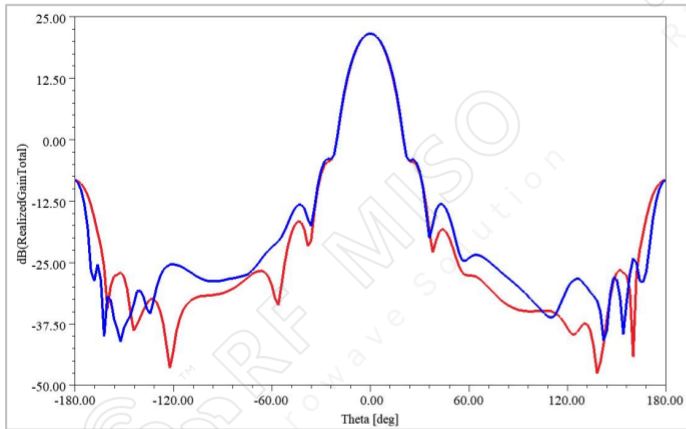


150GHz

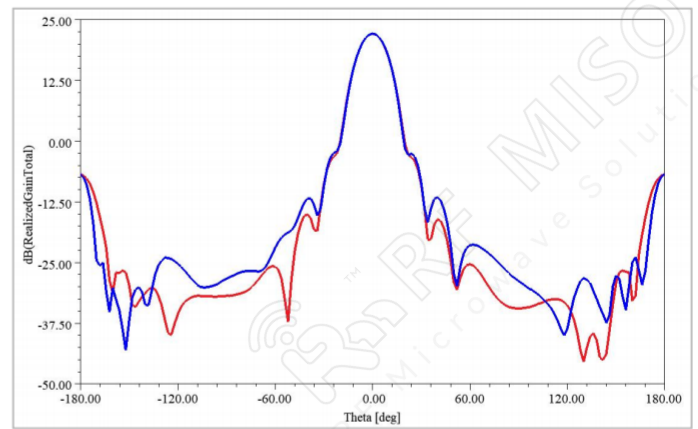
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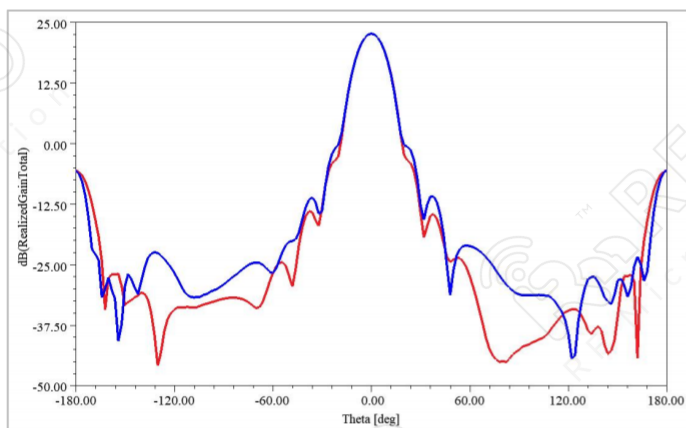
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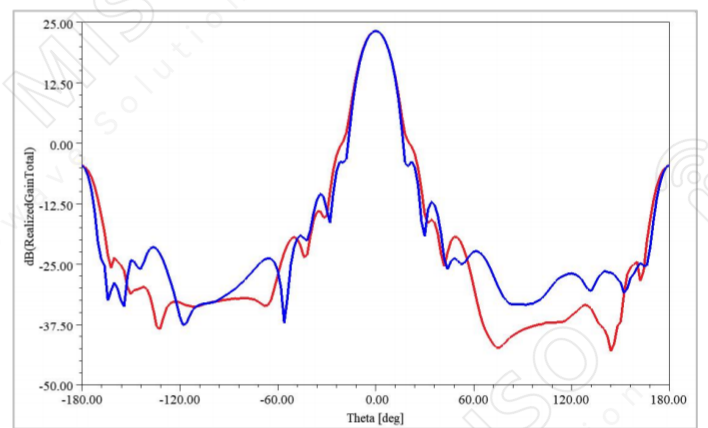
160GHz



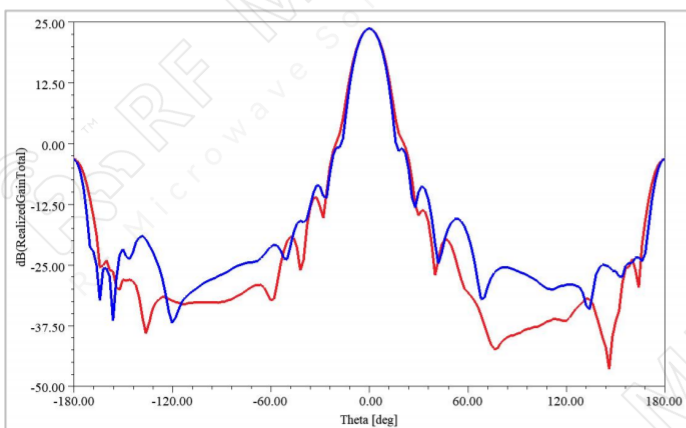
170GHz



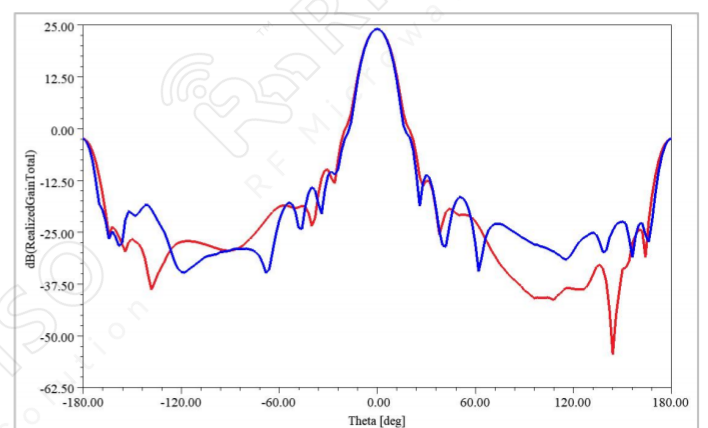
180GHz



190GHz



200GHz

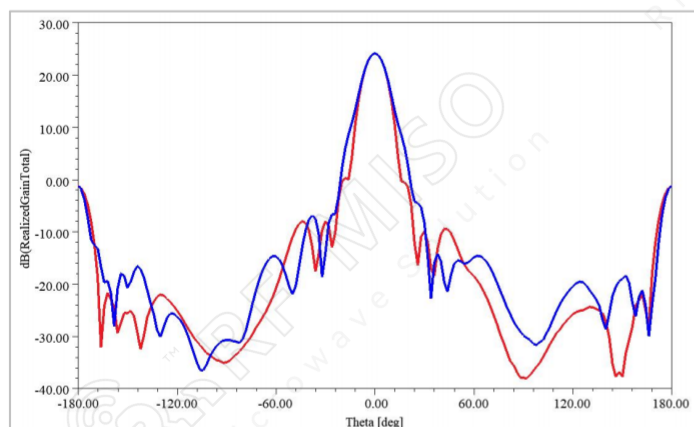


210GHz

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220GHz