

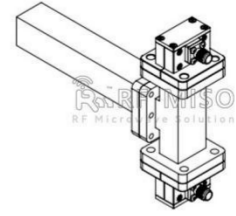
Dual circular polarization probe 10dBi Typ.Gain,  
17-22GHz Frequency Range

**Waveguide Probe Antenna Data Sheet**

**RM-DCWPA1722-10**

**Specifications**

<b>RM-DCWPA1722-10</b>		
Item	Specification	Units
Frequency Range	17-22	GHz
Gain	10 Typ.	dBi
VSWR	<1.3	
Polarization	Dual Circular	
Cross Polarization	40 Typ.	dB
Port Isolation	27 Typ.	dB
AR	<0.75	dB
3dB Beamwidth-E Plane	61 Typ.	°
3dB Beamwidth-H Plane	61 Typ.	°
Connector	SMA-F	
Size(L*W*H)	121.6*93.6*30.8	mm
Weight	0.058	Kg
Body Material	Al	
Power Handling, CW	50	W
Power Handling, Peak	3000	W

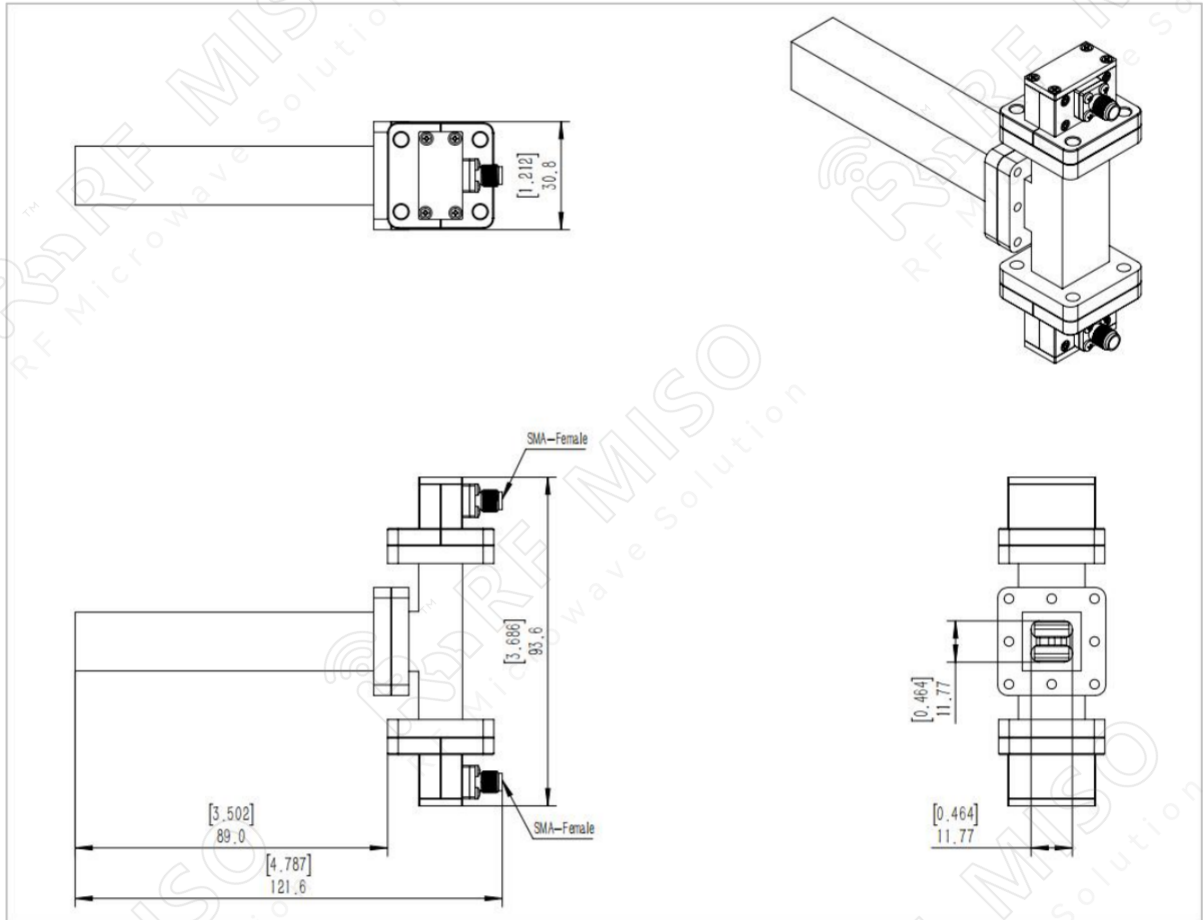


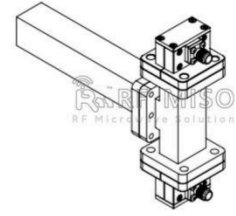
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**Outline Drawing**





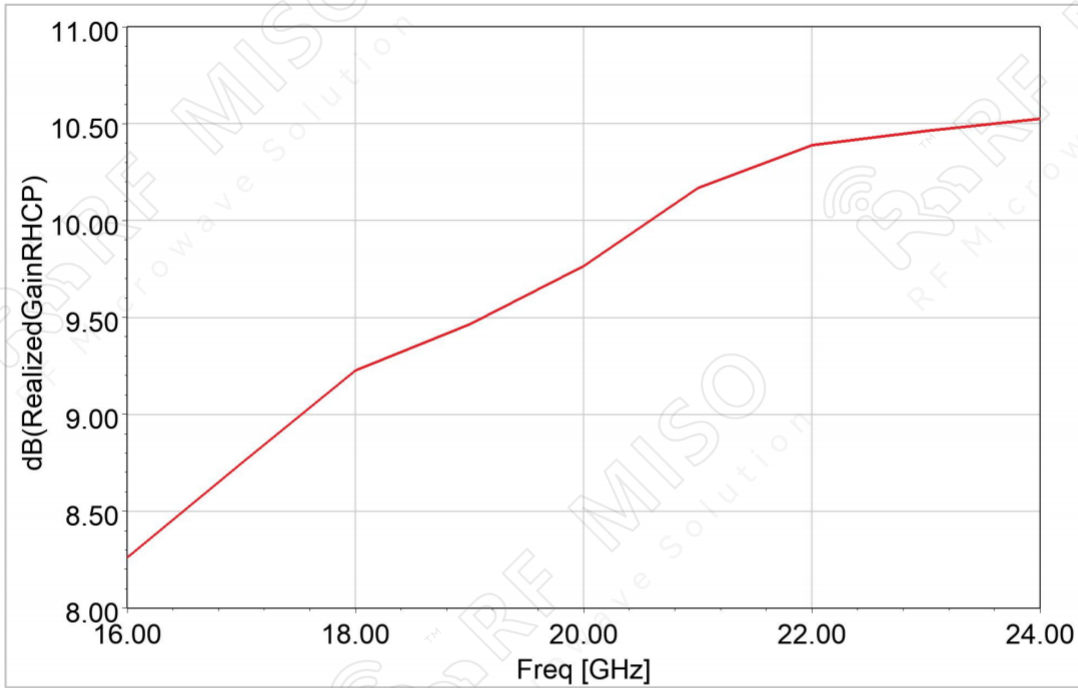
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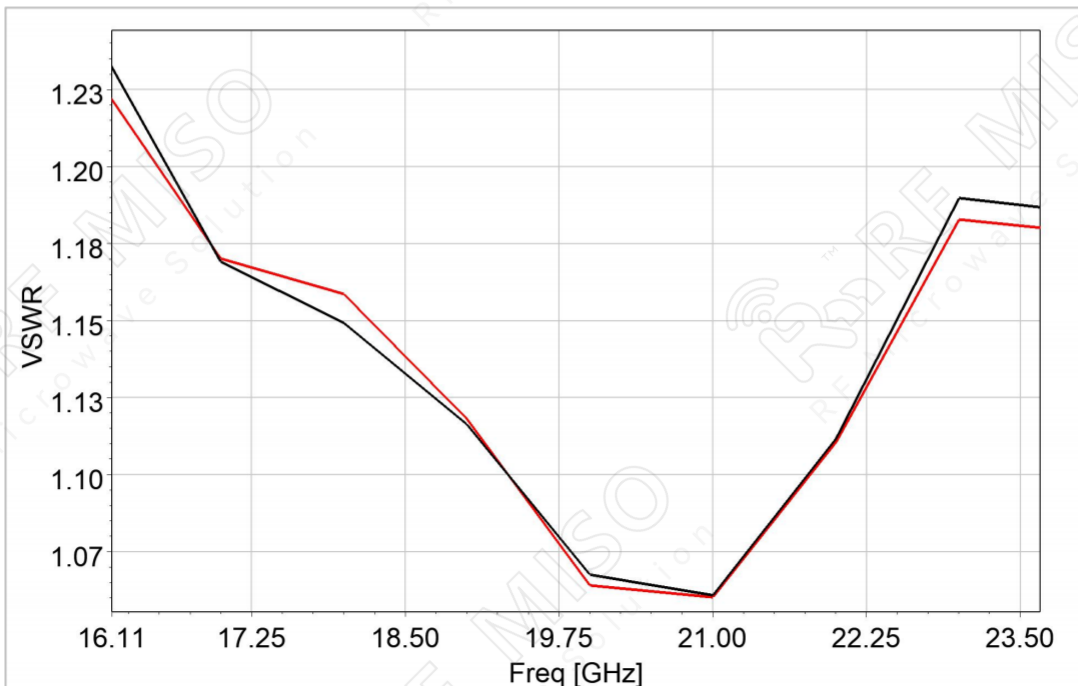
**RM-DCWPA1722-10**

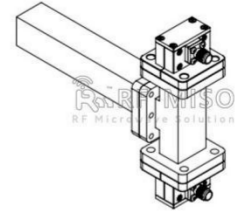
**Simulated Data**

Gain



VSWR



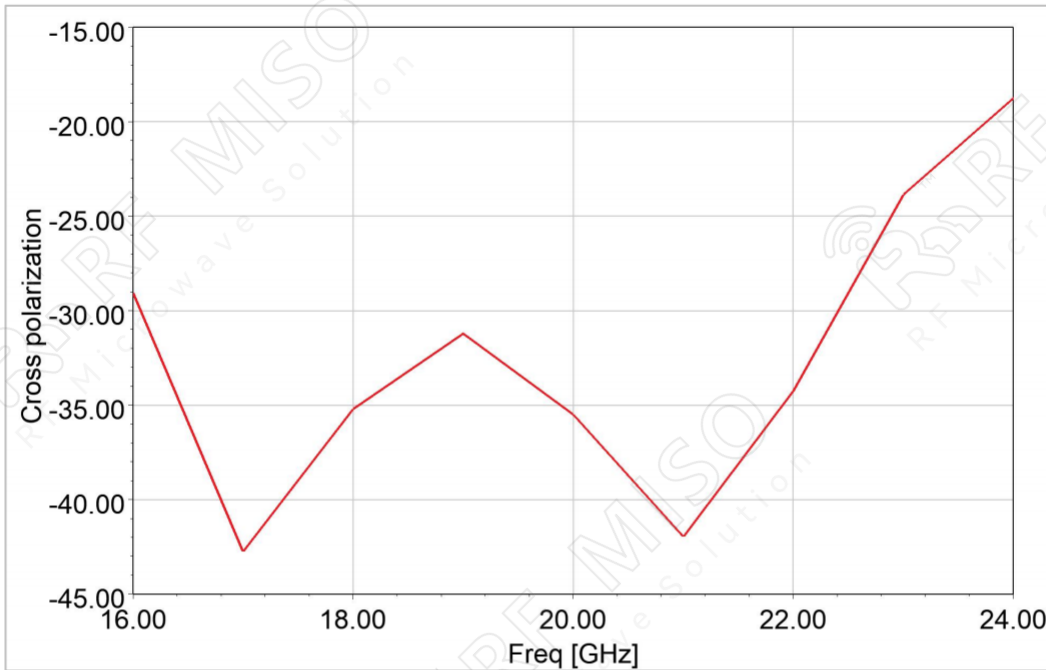


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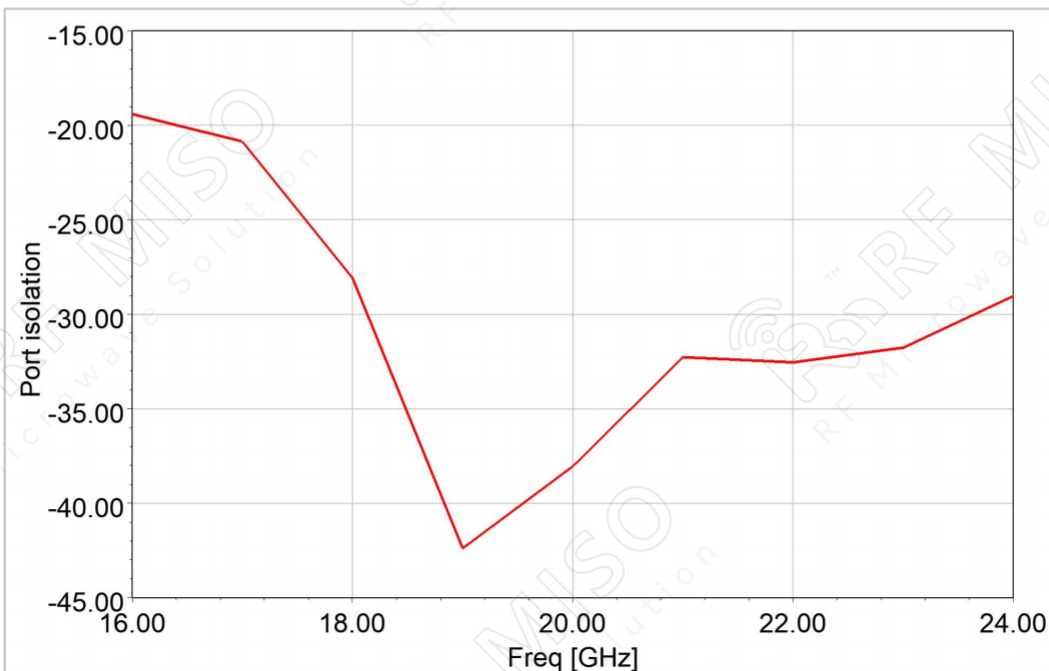
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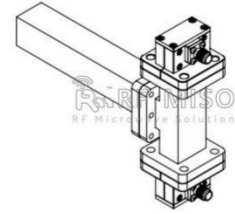
**RM-DCWPA1722-10**

Cross Polarization



Port Polarization



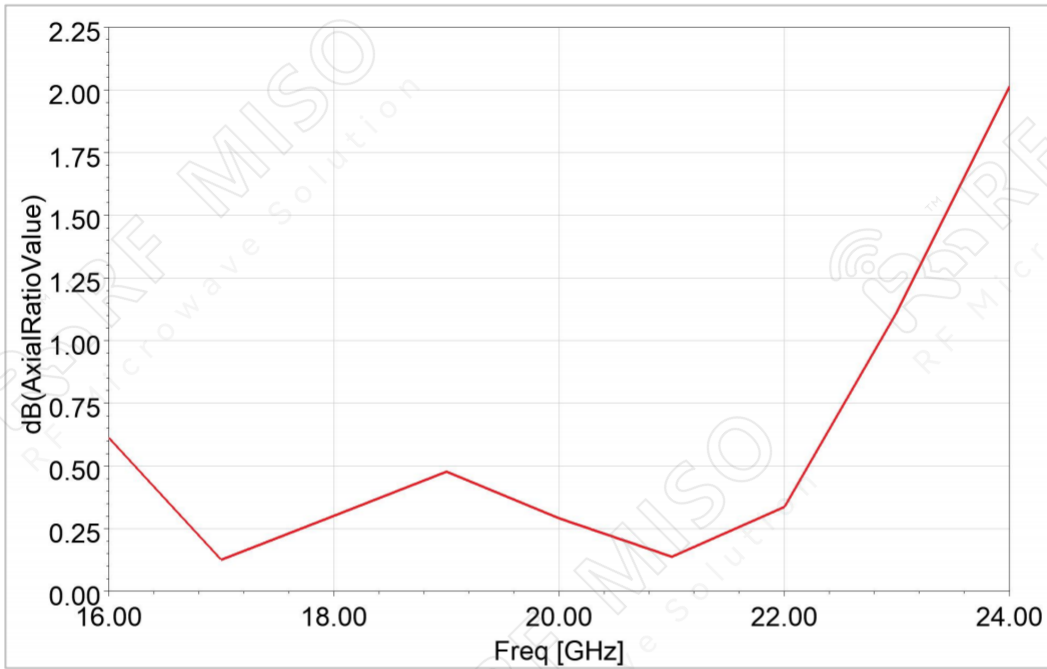


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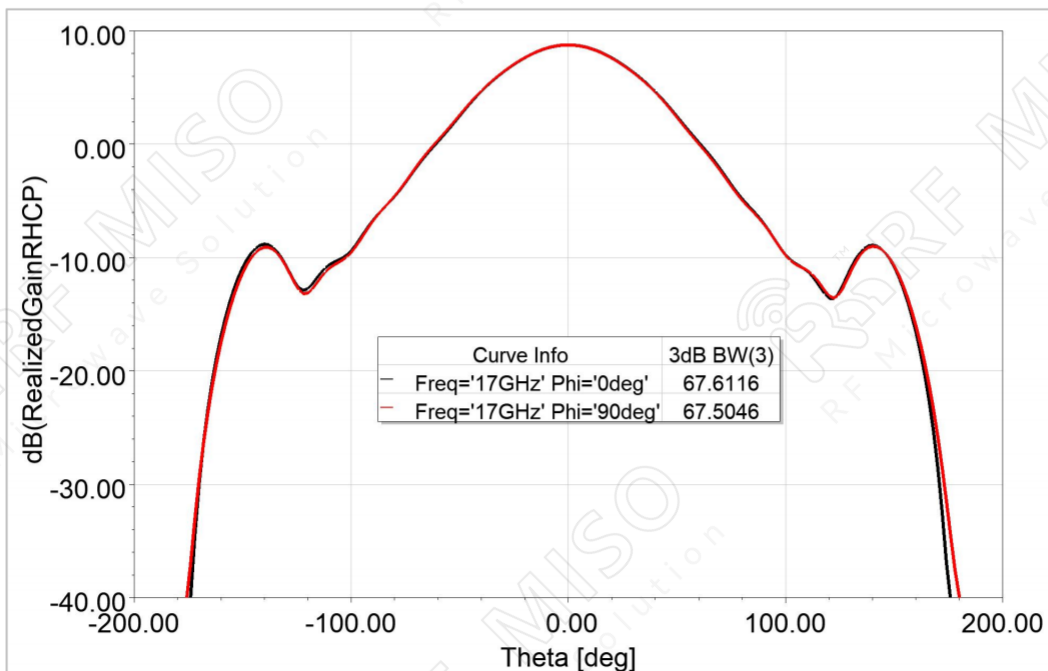
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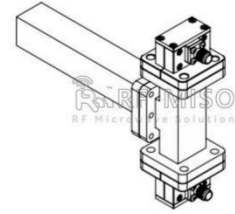
AR



Gain Pattern

17GHz



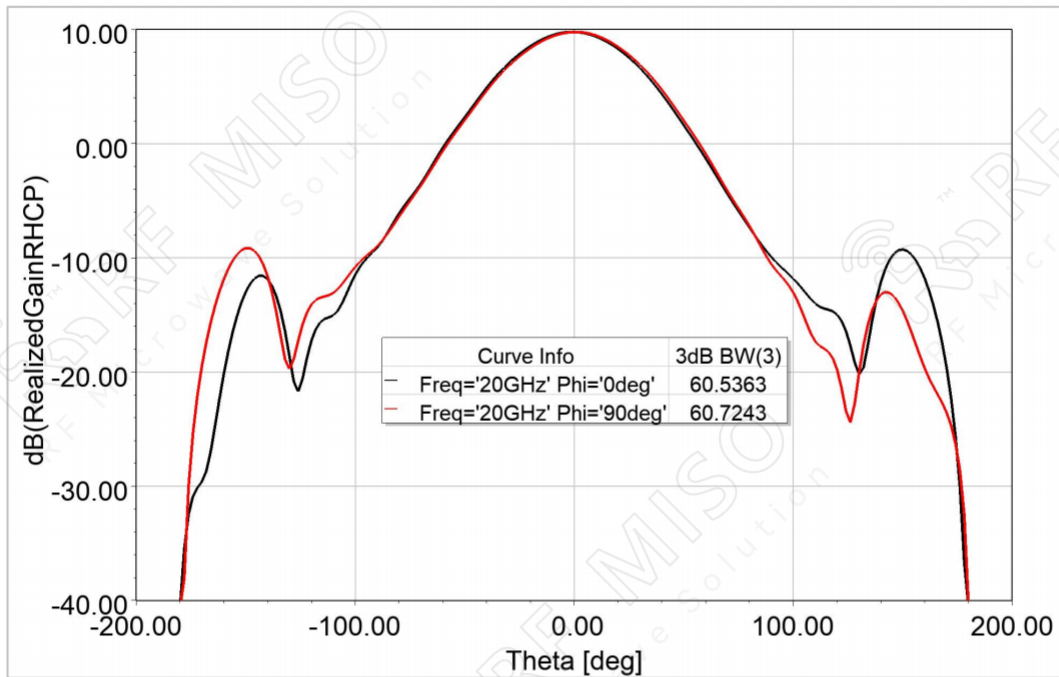


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**Waveguide Probe Antenna Data Sheet**

**RM-DCWPA1722-10**

20GHz



22GHz

