

Planar Antenna Data Sheet

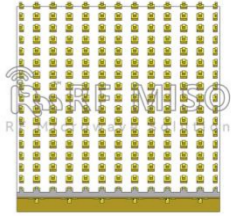
RM-PA10145-30

Features

- Worldwide satellite coverage (X,Ku,Ka and Q/V bands)
- Multi-frequency and multi-polarization common aperture
- High aperture efficiency
- High isolation and low cross polarization
- Low profile and lightweight

Specifications

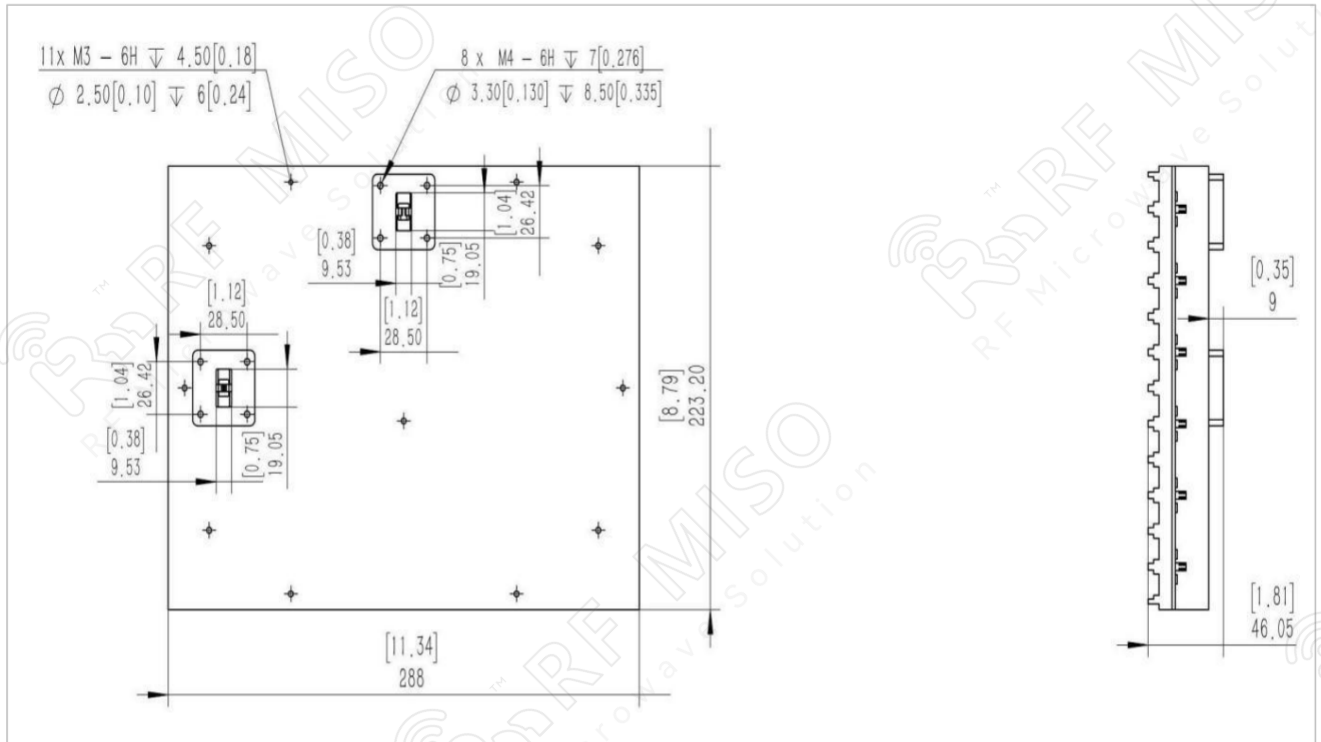
Parameters	Typical	Units
Frequency Range	10-14.5	GHz
Gain	30 Typ.	dBi
VSWR	<1.5	
Polarization	Bilinear orthogonal Dual circular(RHCP, LHCP)	
Cross Polarization Isolation	>50	dB
Flange	WR-75	
3dB Beamwidth E-Plane	4.2334	
3dB Beamwidth H-Plane	5.6814	
Side Lobe Level	-12.5	dB
Processing	Vacuum Brazing	
Material	Al	
Size	288 x 223.2*46.05(L*W*H)	mm
Weight	0.25	Kg



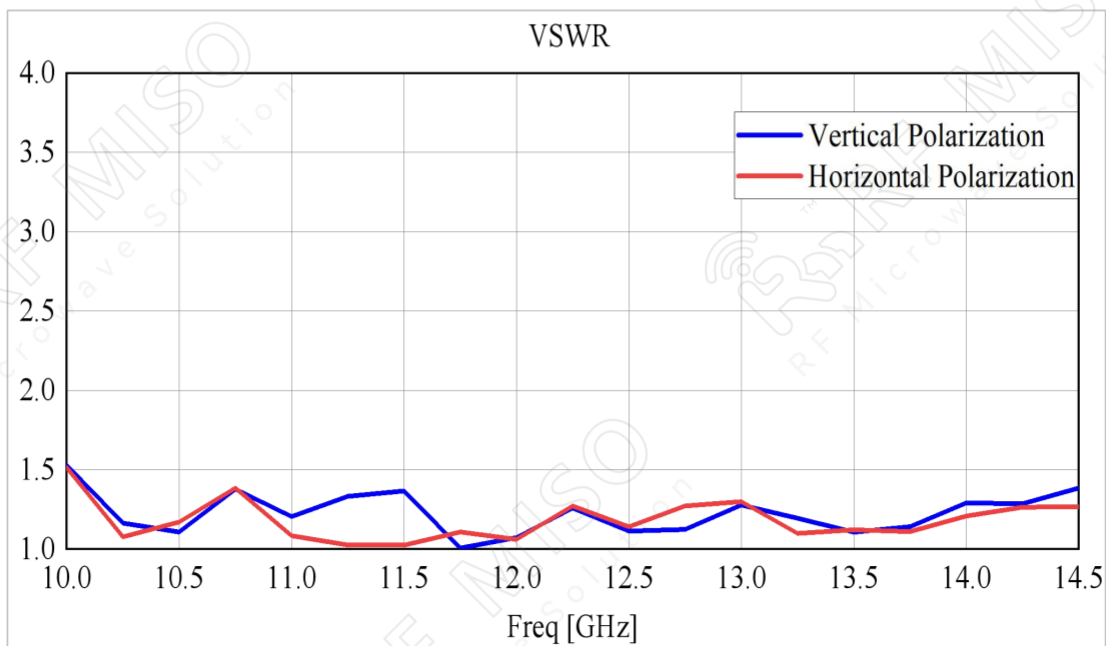
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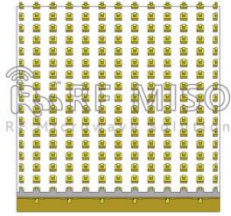
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Outline Drawing



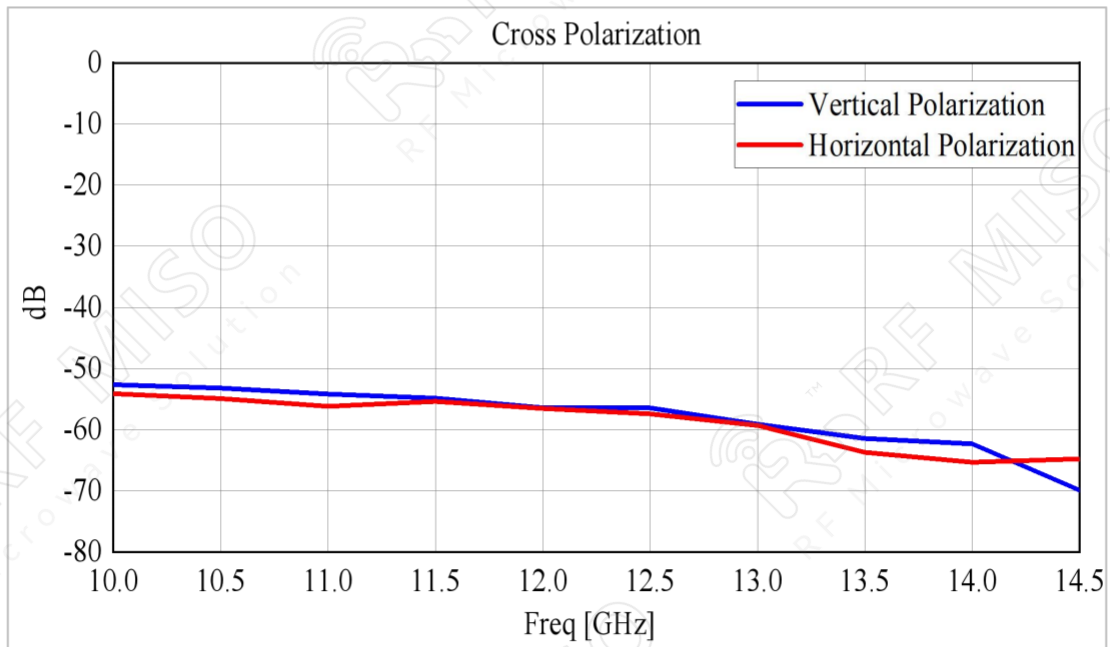
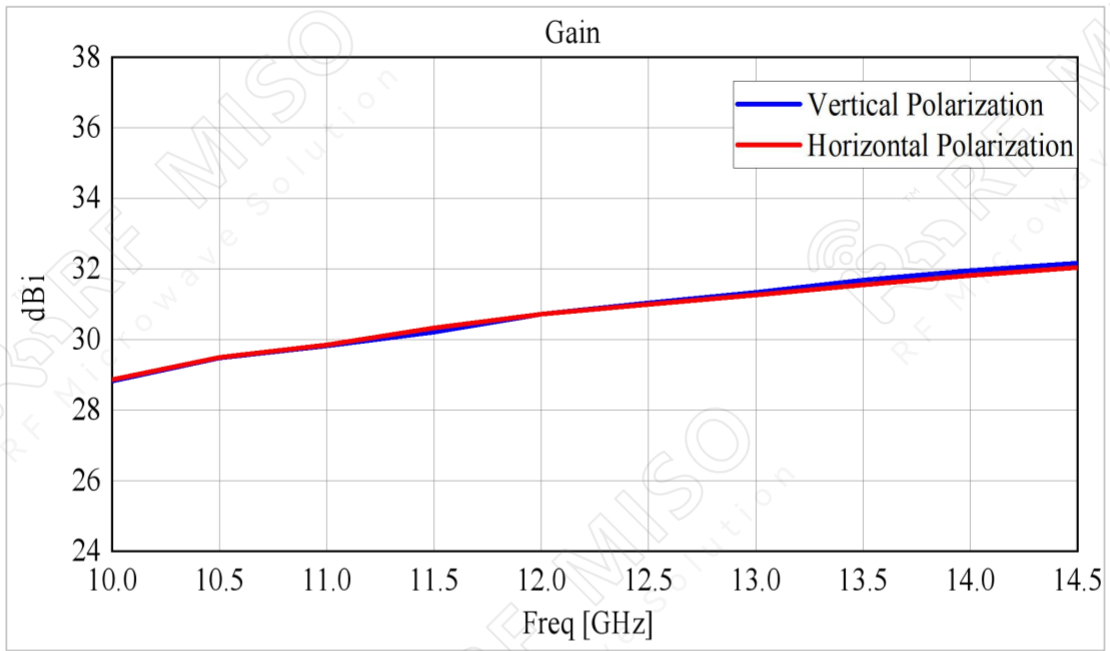
Simulated Data

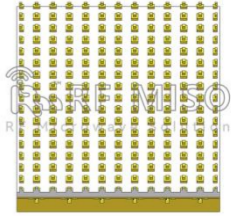




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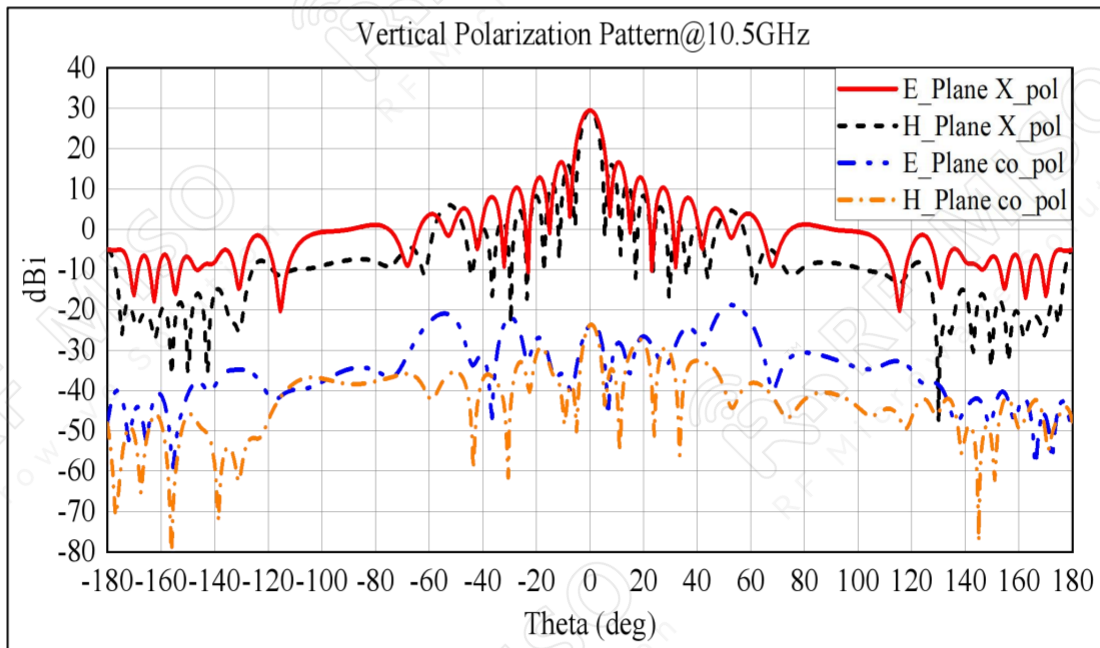
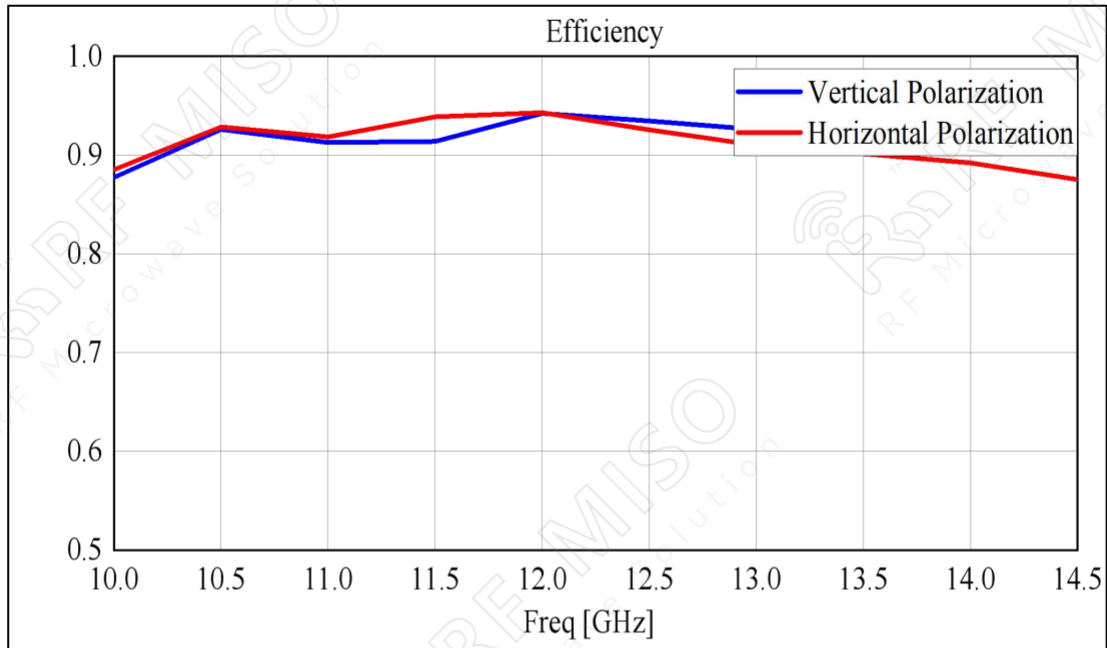
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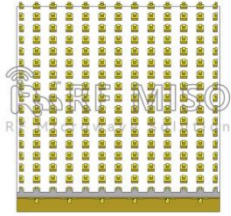




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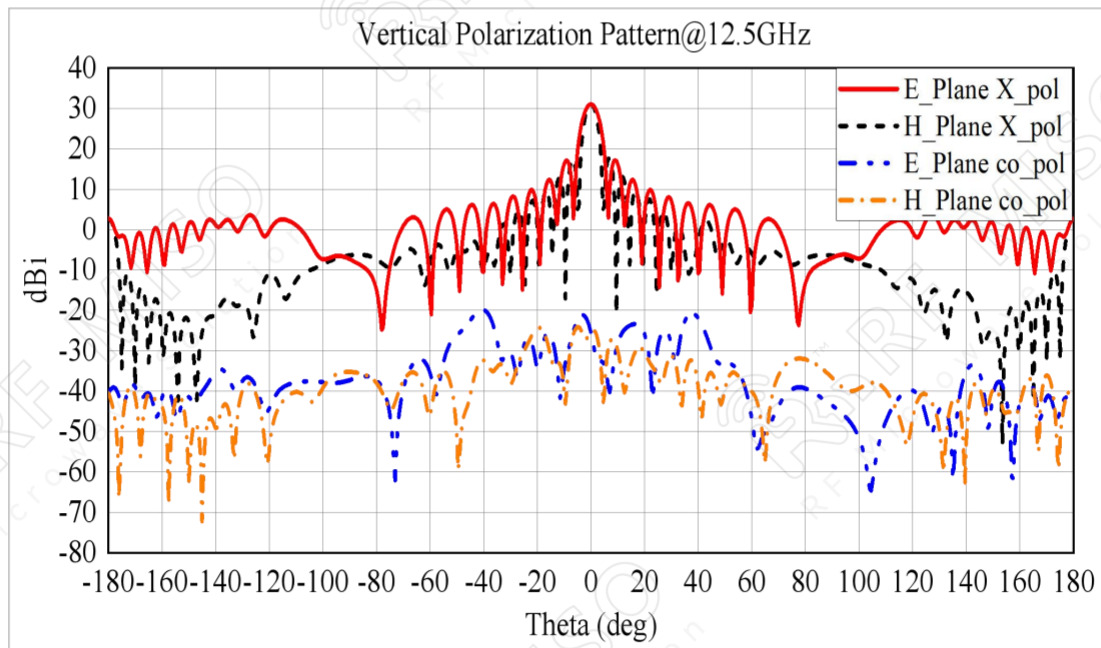
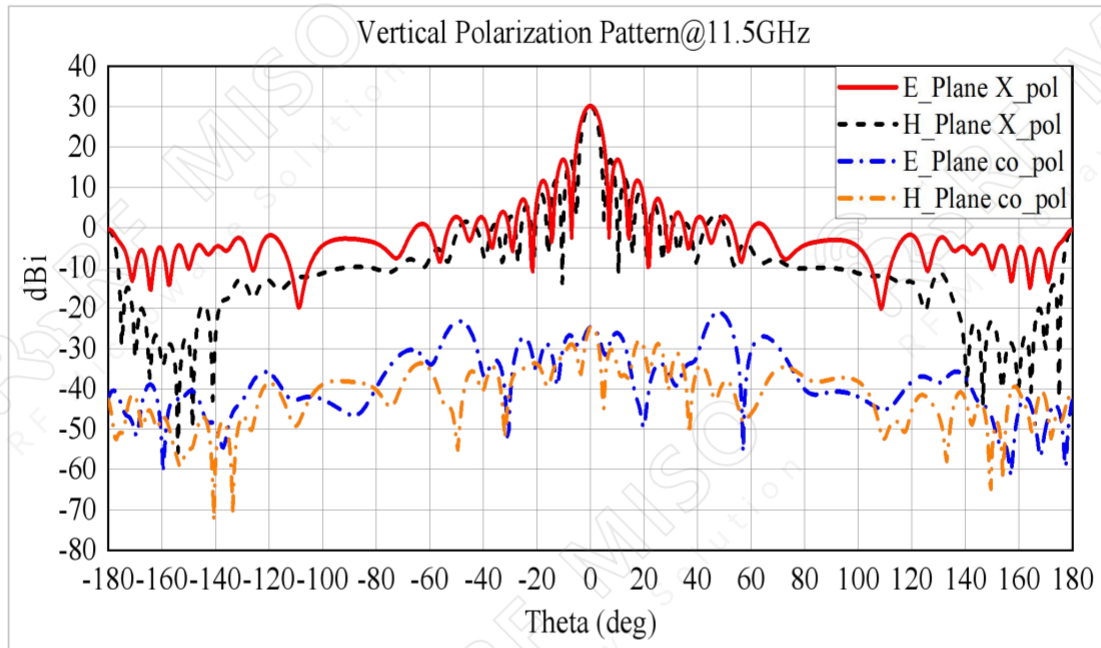
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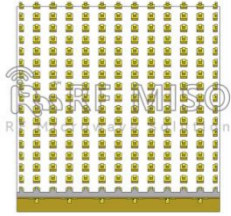




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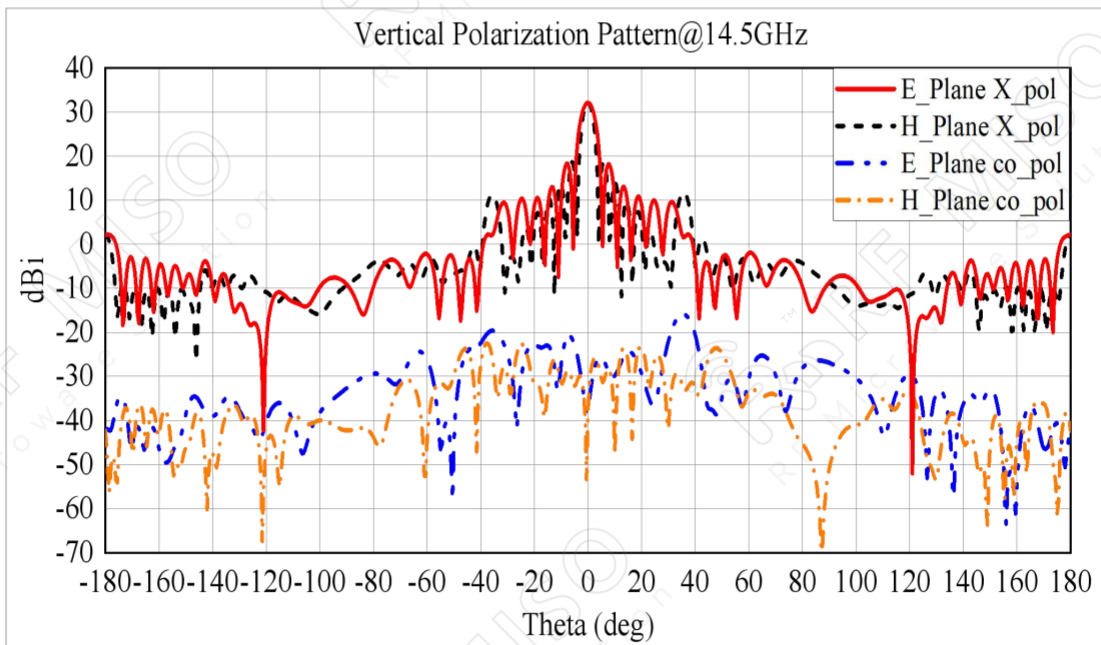
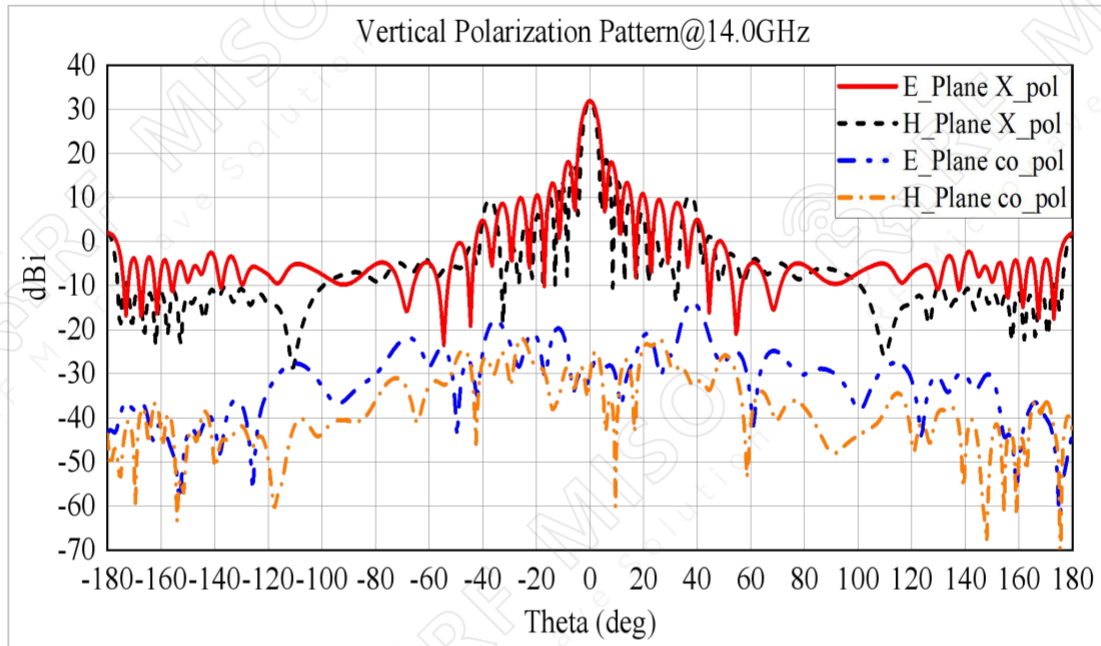
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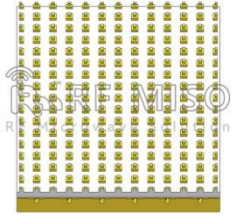




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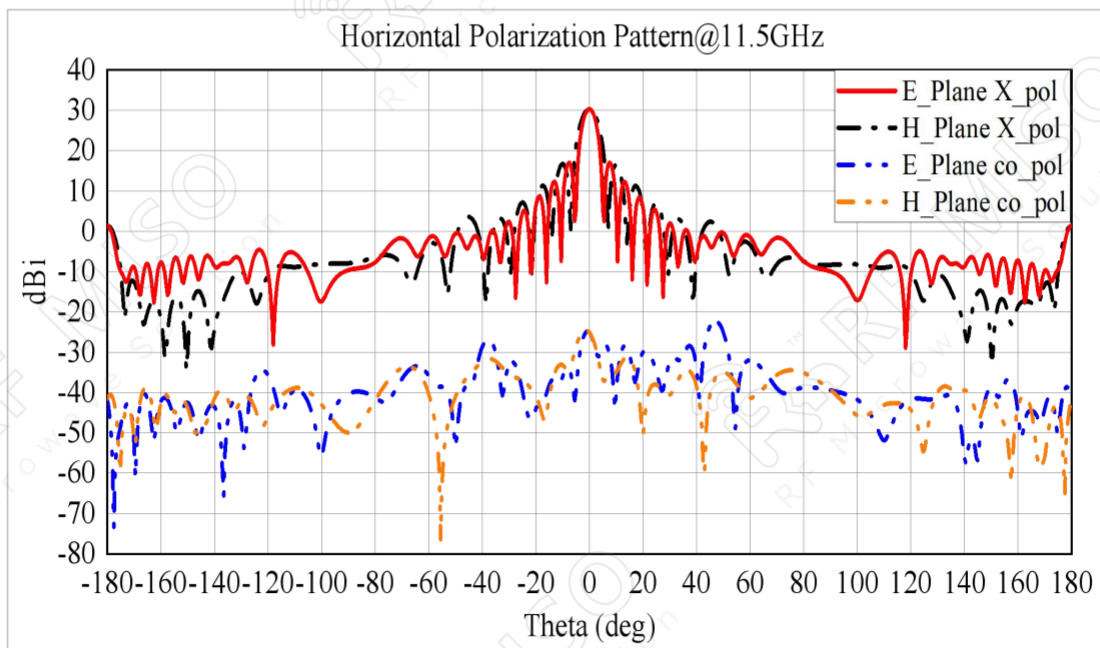
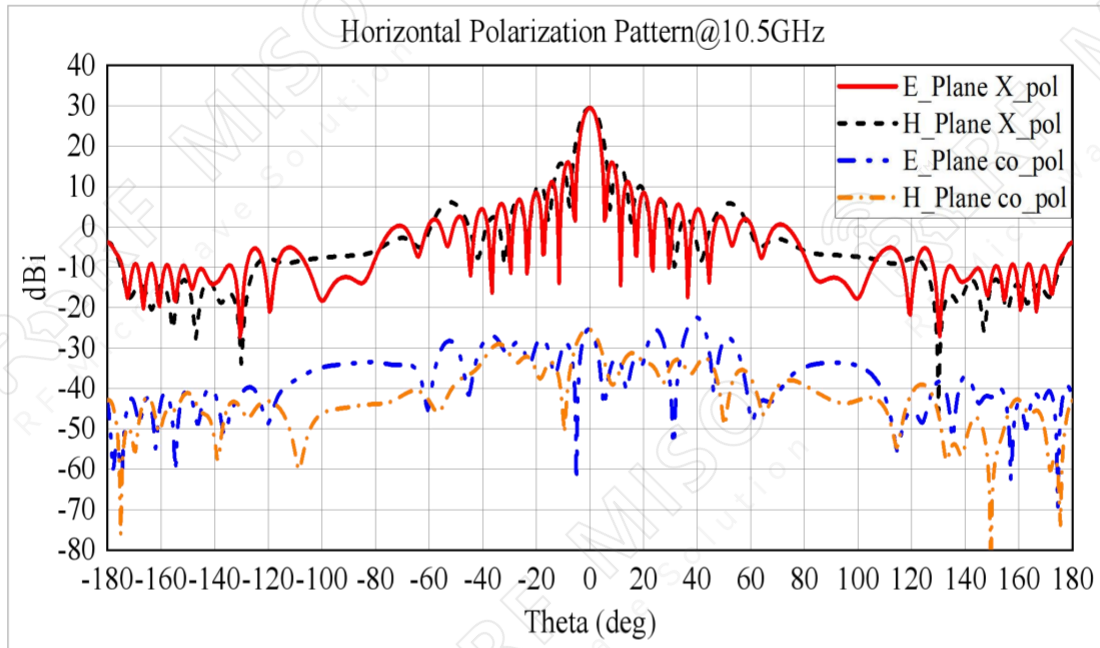
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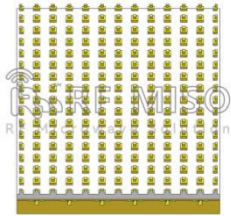




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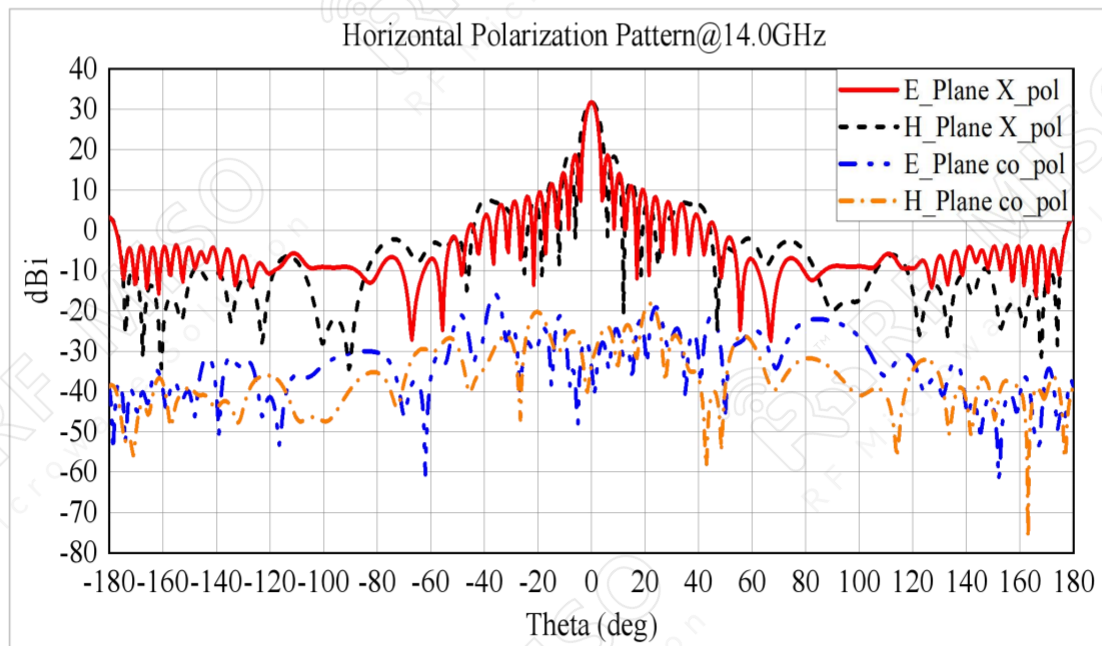
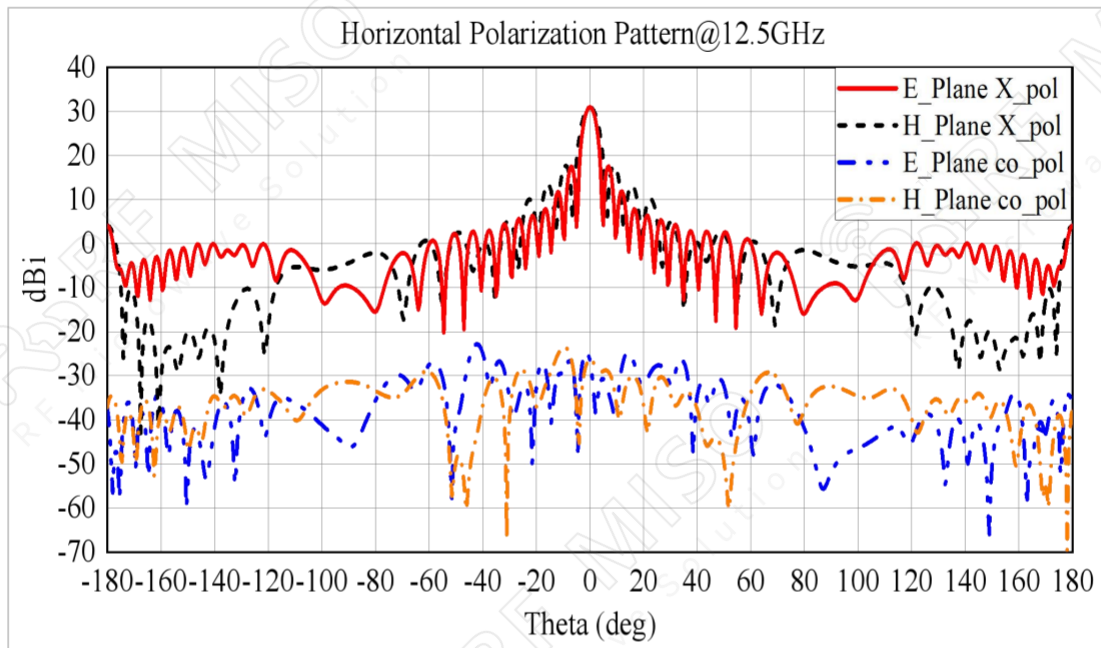
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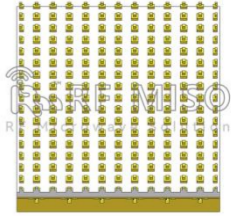




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