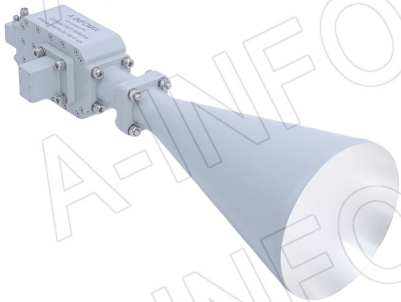


For reference only. See data sheet for the detailed specifications.

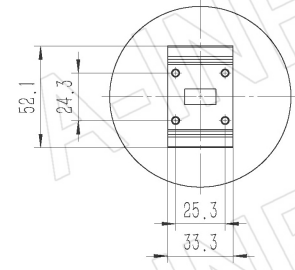
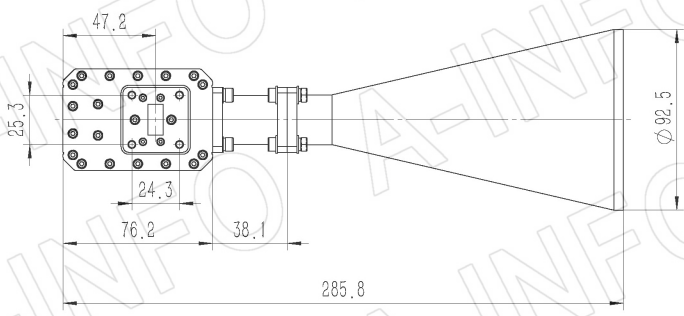
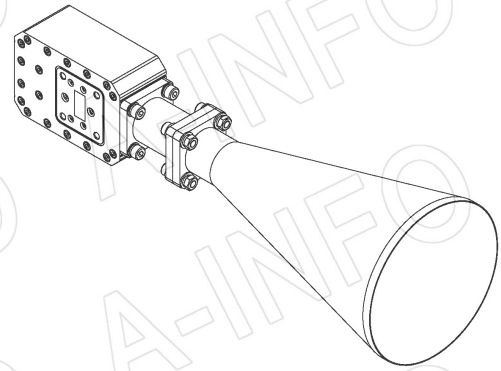
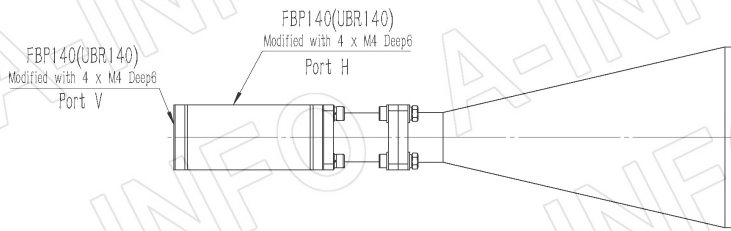
Technical Specification



Frequency Range(GHz)	12.4 – 18.0	
Waveguide	WR62	
Gain(dBi)	20 Typ.	
Polarization	Dual Linear	
3dB Beamwidth(deg)	E Plane:	13 Typ.
	H Plane:	16 Typ.
Cross Pol. Isolation(dB)	45 Typ. ; 35 Min.	
Port to Port Isolation(dB)	55 Typ. ; 45 Min.	
VSWR	A Type:	1.60:1 Max.
	C Type:	1.80:1 Max.
Output	A Type:	FBP140(UBR140) (modified with 4xM4 Deep 6)
	C Type:	SMA-Female or N-Female or TNC-Female or 7mm or 3.5mm-Female
Material	Al	
Finish	Silver Plated and Chemical Conversion Coating, Gray Paint	
Size(mm)	A Type:	92.5 x 92.5 x 285.8
	C Type:	92.5 x 92.5 x 312.8
Net Weight(Kg)	A Type:	0.53 Around
	C Type:	0.60 Around

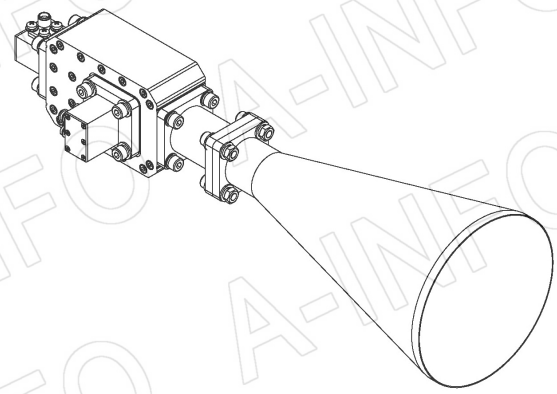
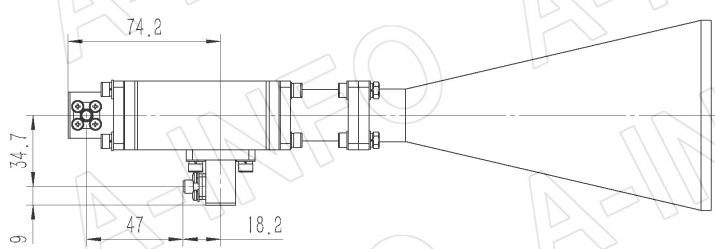
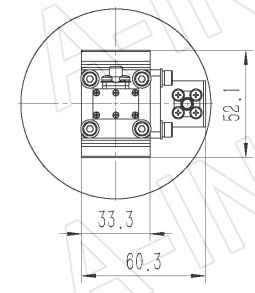
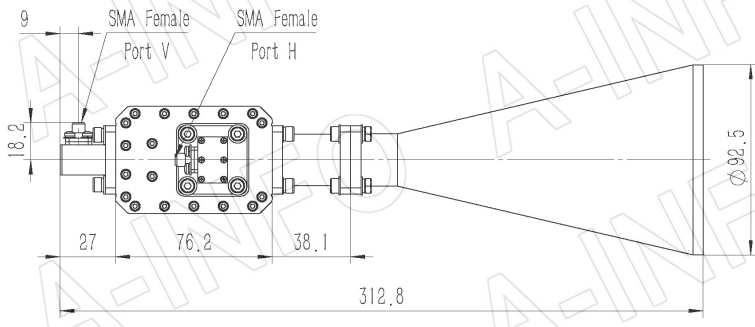
Outline Drawing (Size: mm)

FBP140 Output (P/N: LB-CNH-62-20-T02-A)

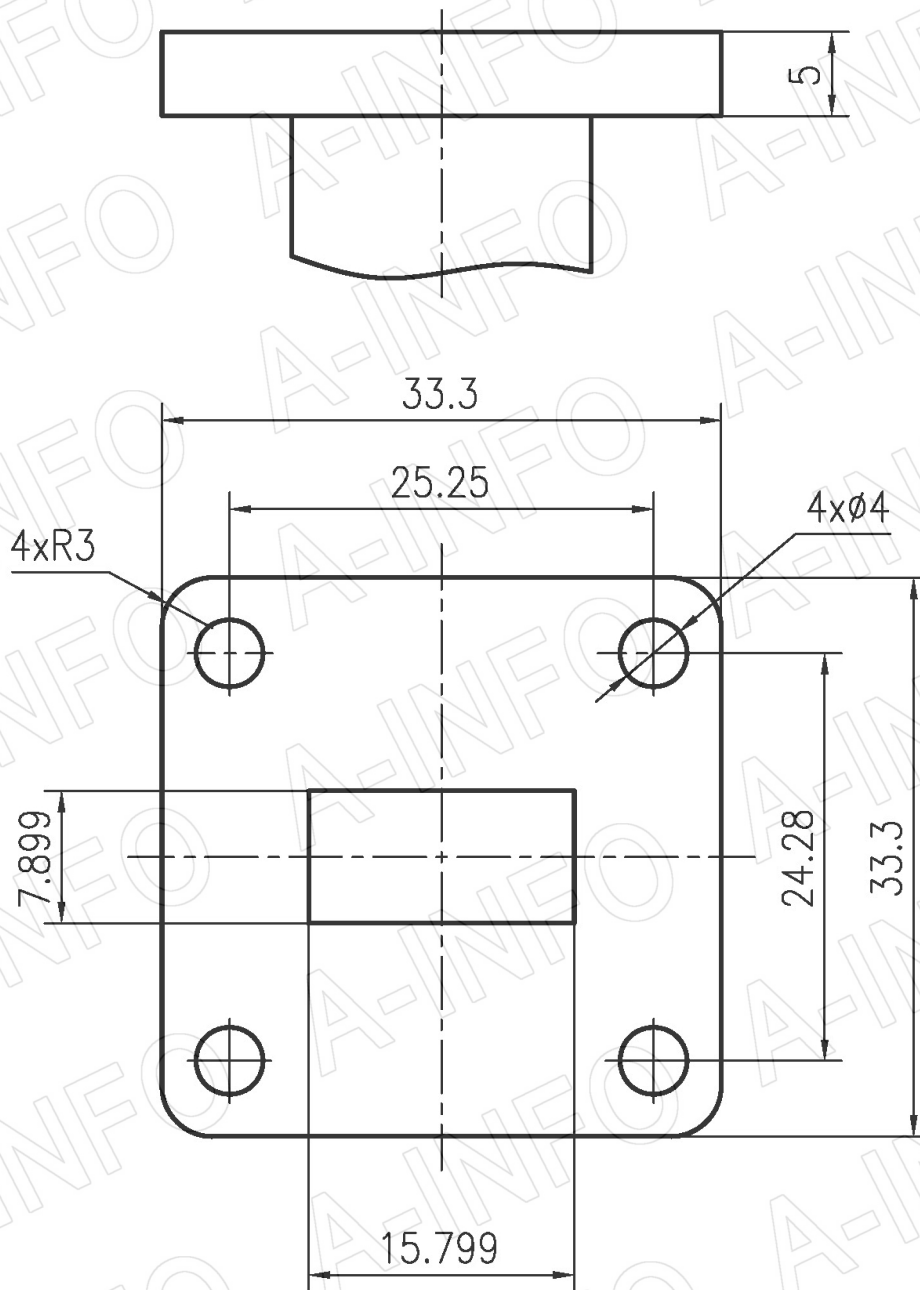


SMA-Female Output (P/N: LB-CNH-62-20-T02-C-SF)

For N-Female, TNC- Female, 7mm or 3.5mm-Female output outline drawing, please contact A-INFO.



Flange Drawing (Size: mm)



FBP140

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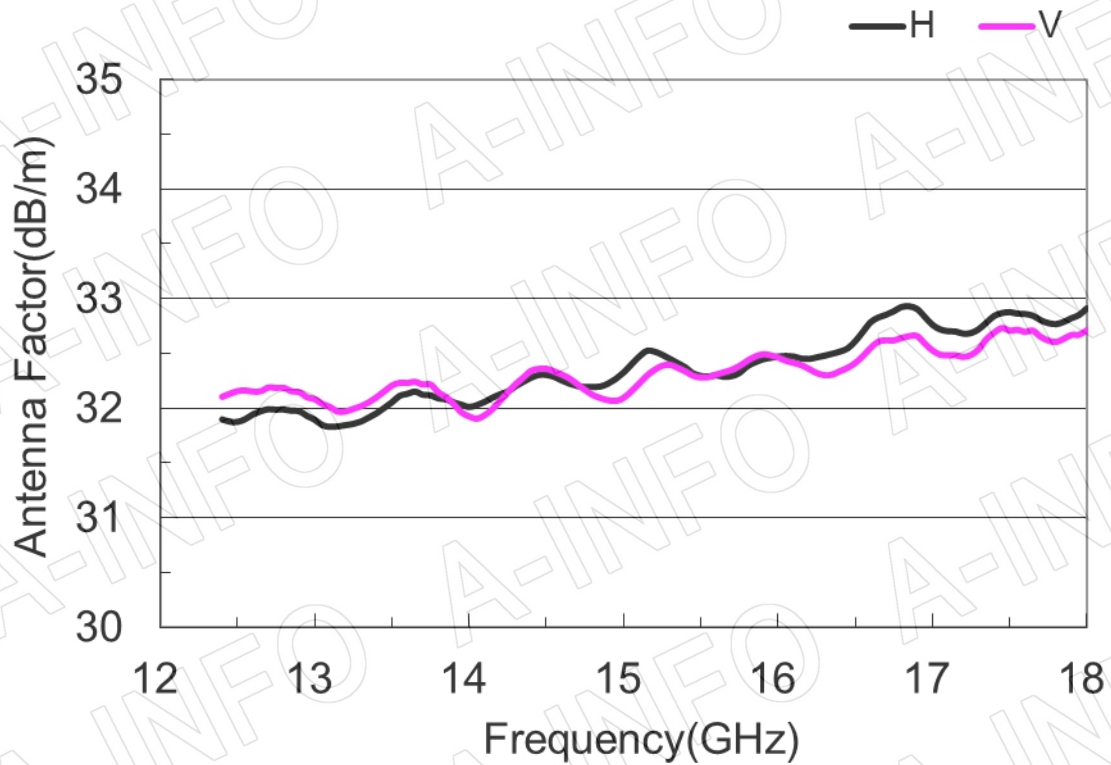
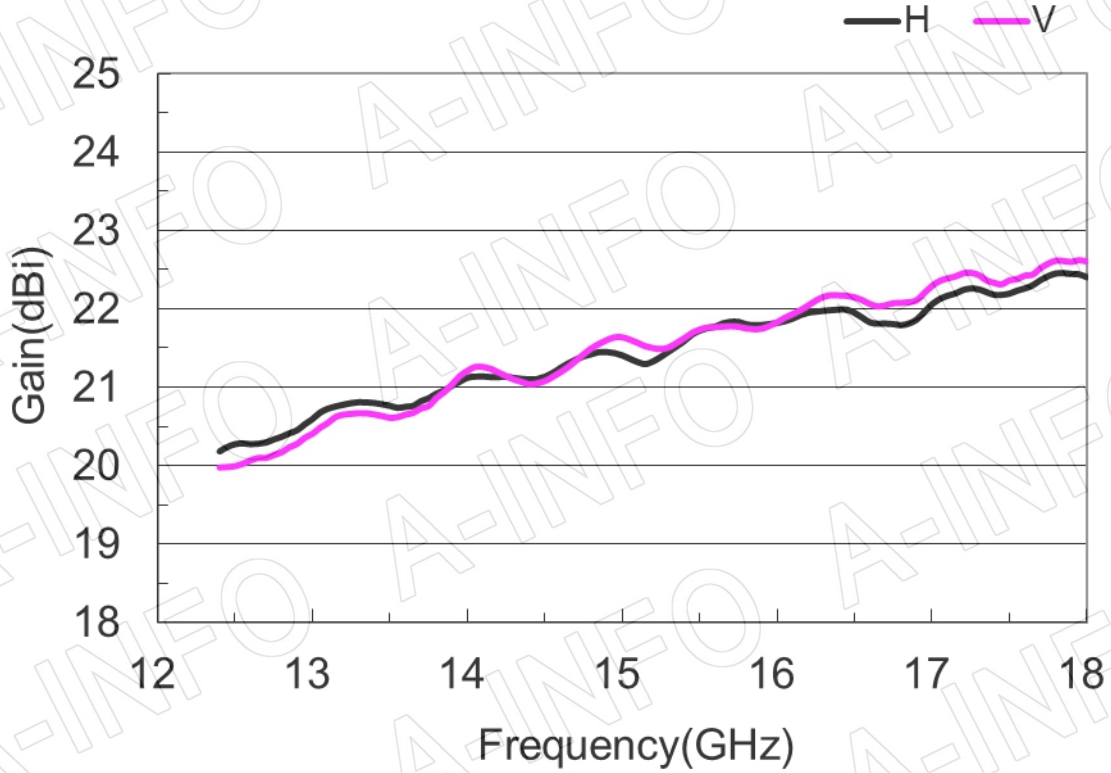
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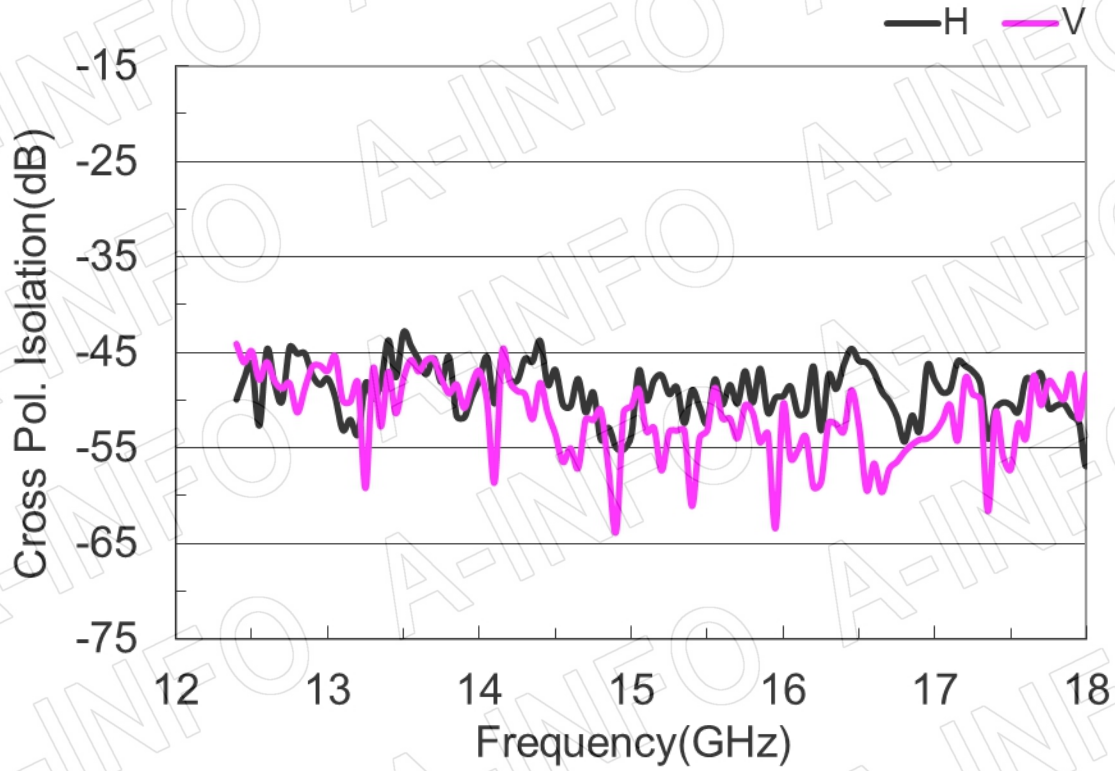
Website: www.ainfoinc.com
Email: sales@ainfoinc.com

Test Results

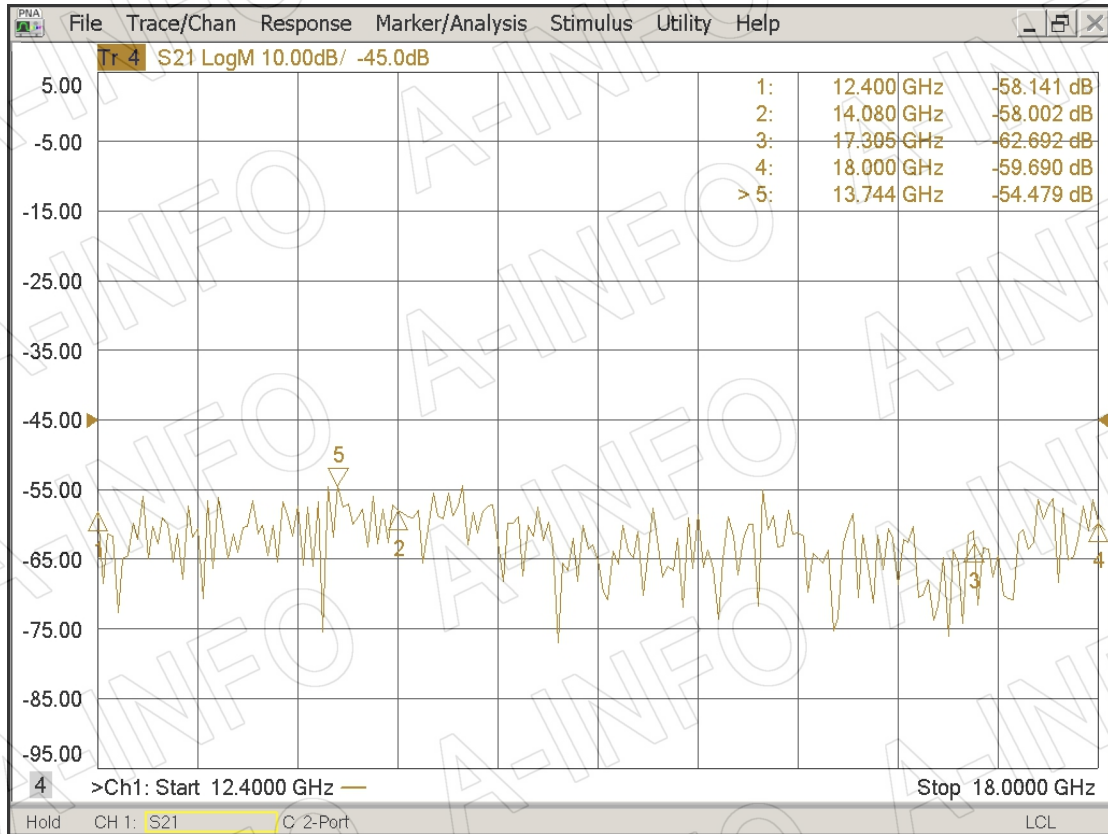
1. Gain & Antenna Factor



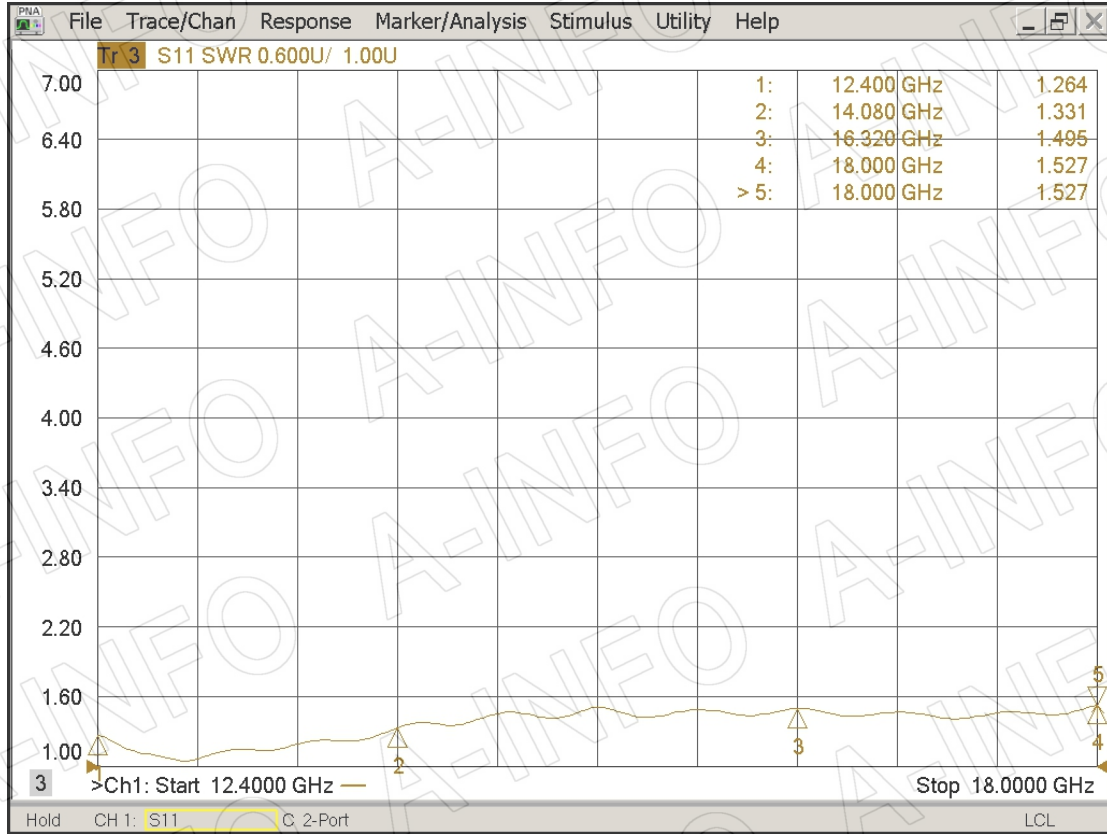
2. Cross Polarization Isolation



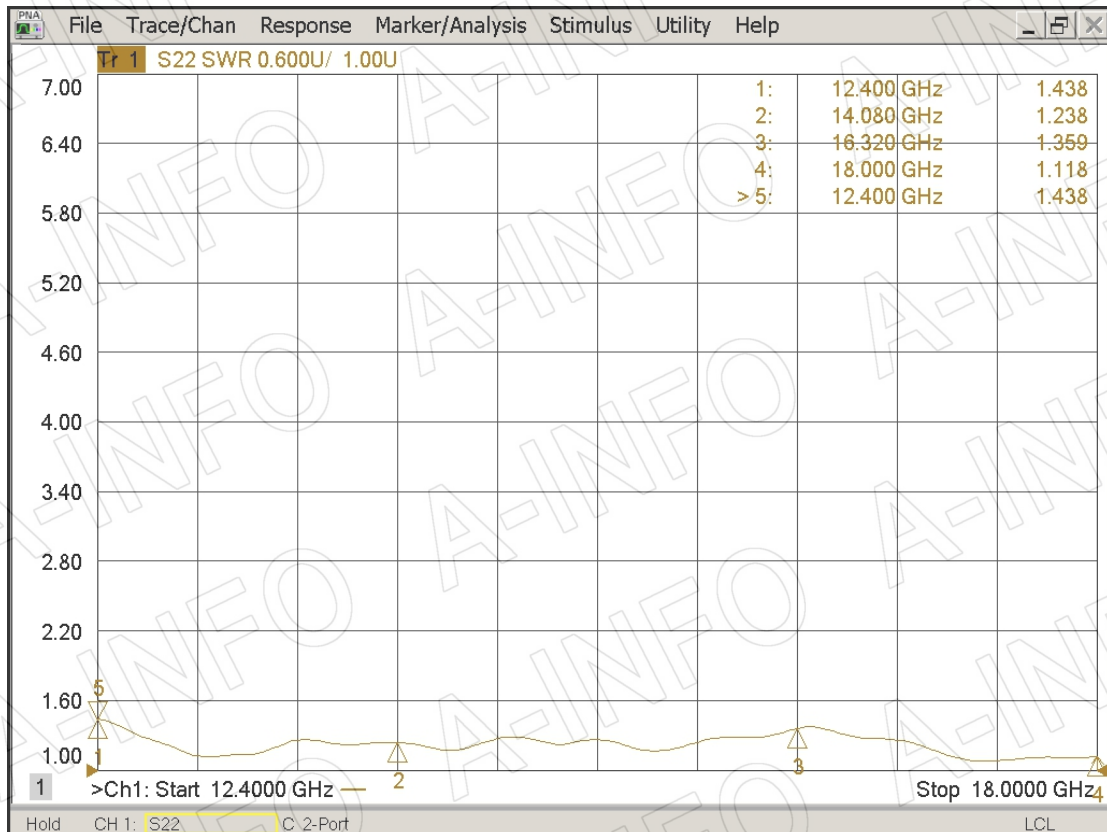
3. Port to Port Isolation



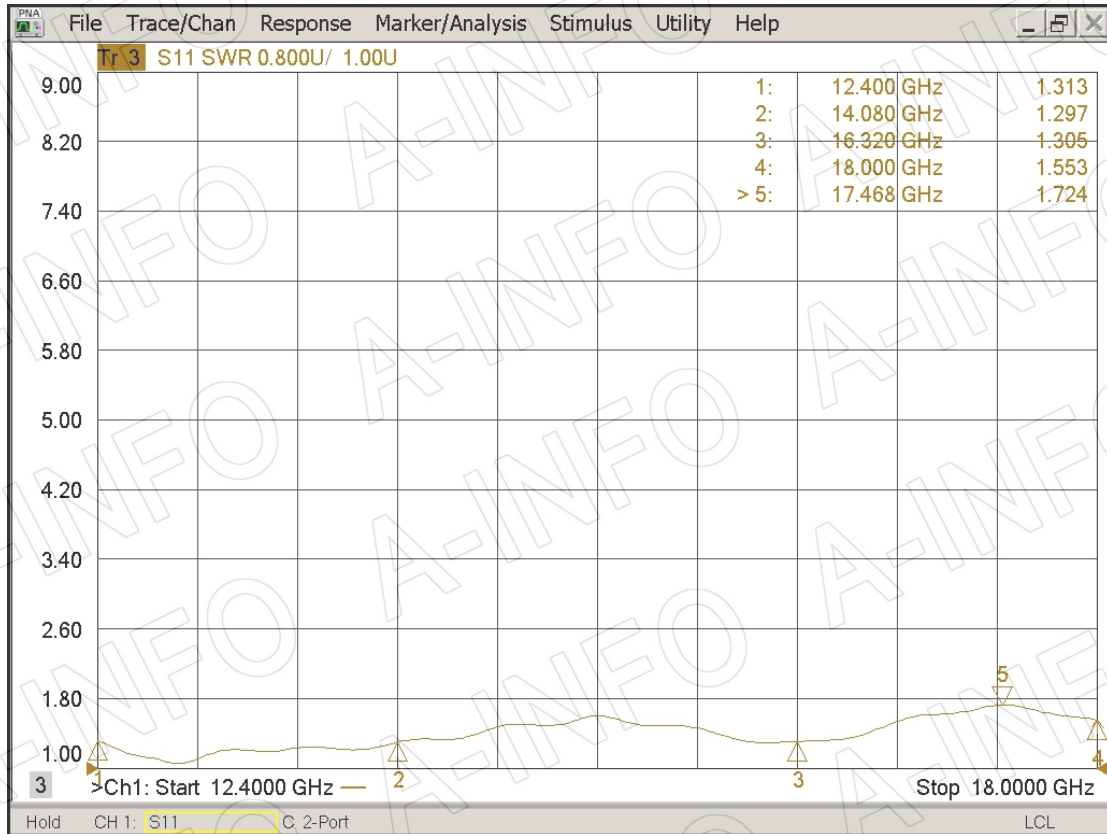
4. VSWR_A Type Port-H



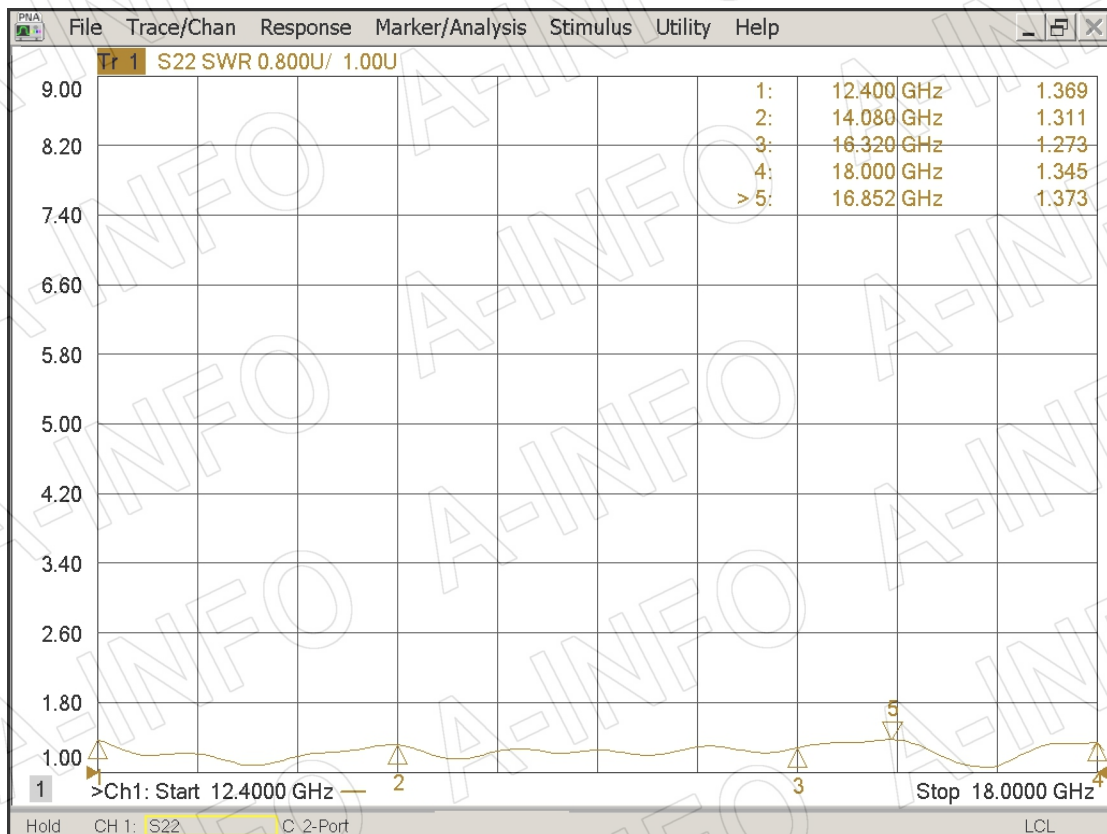
Port-V



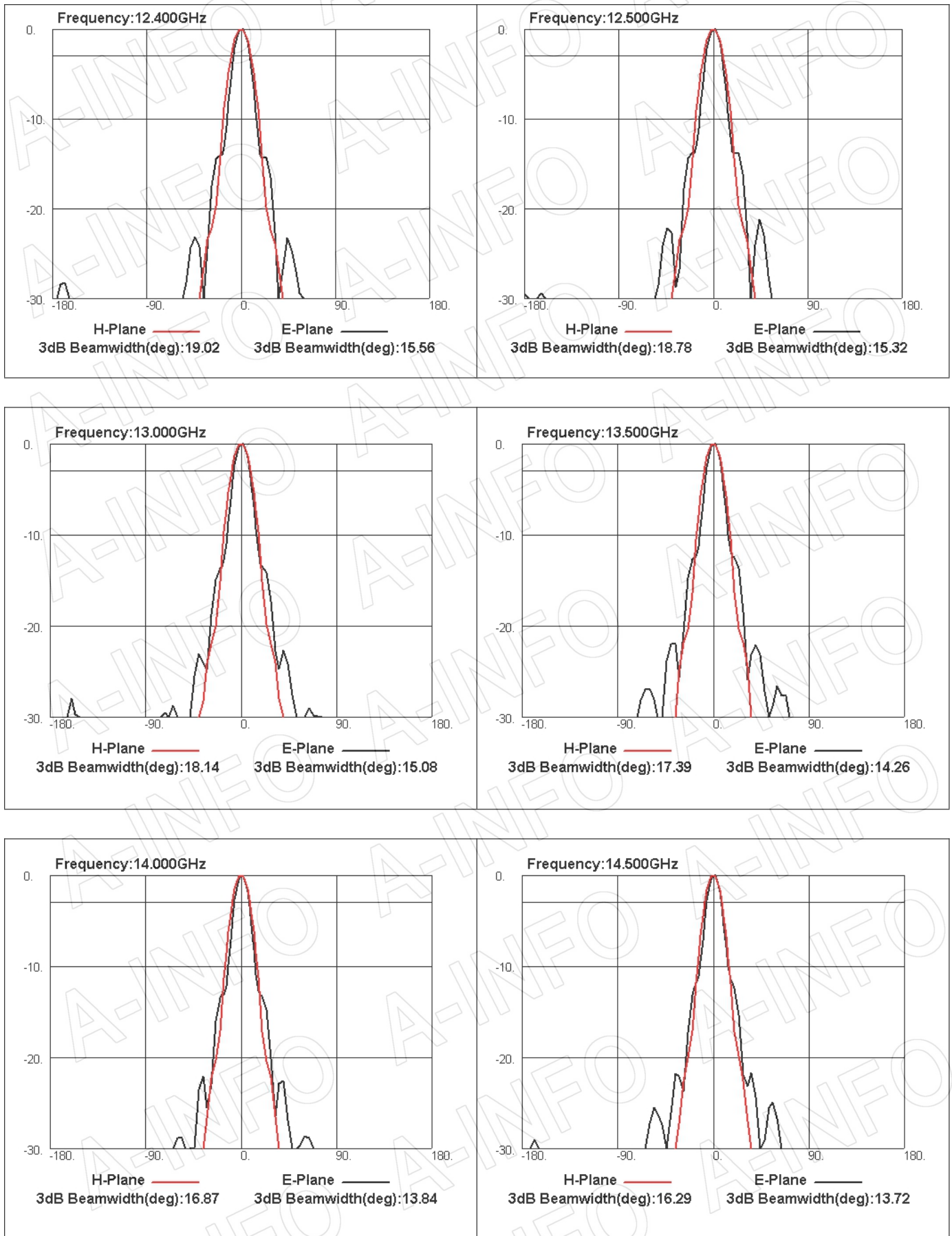
VSWR_C Type Port-H



Port-V



5. Pattern



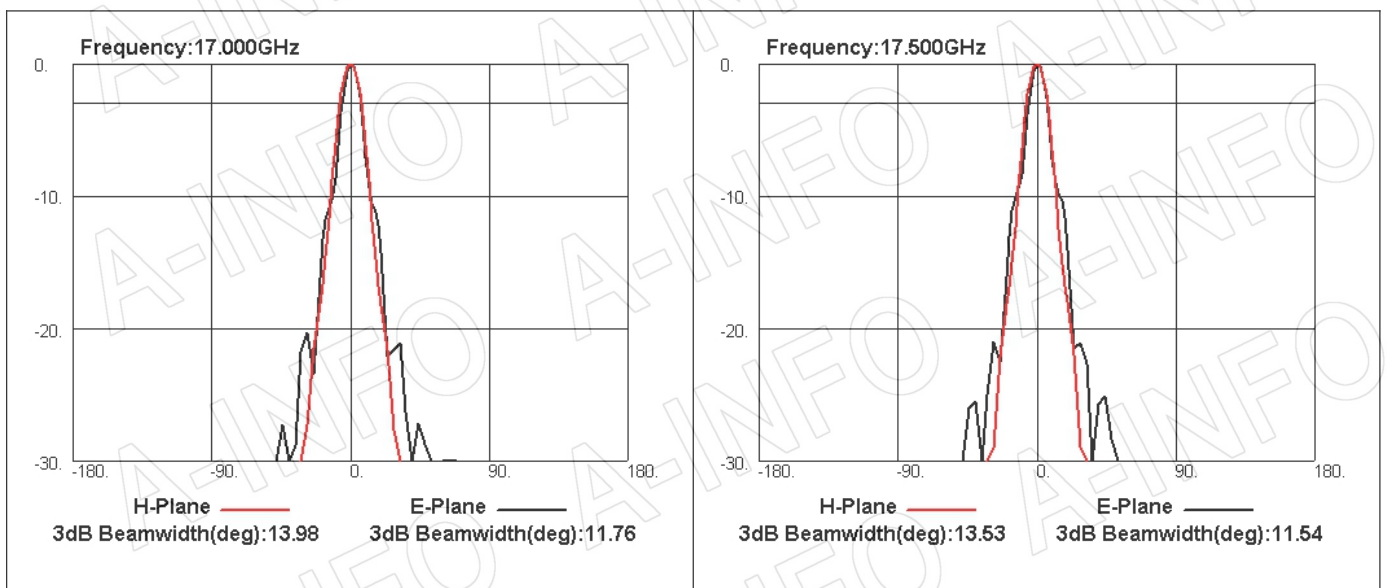
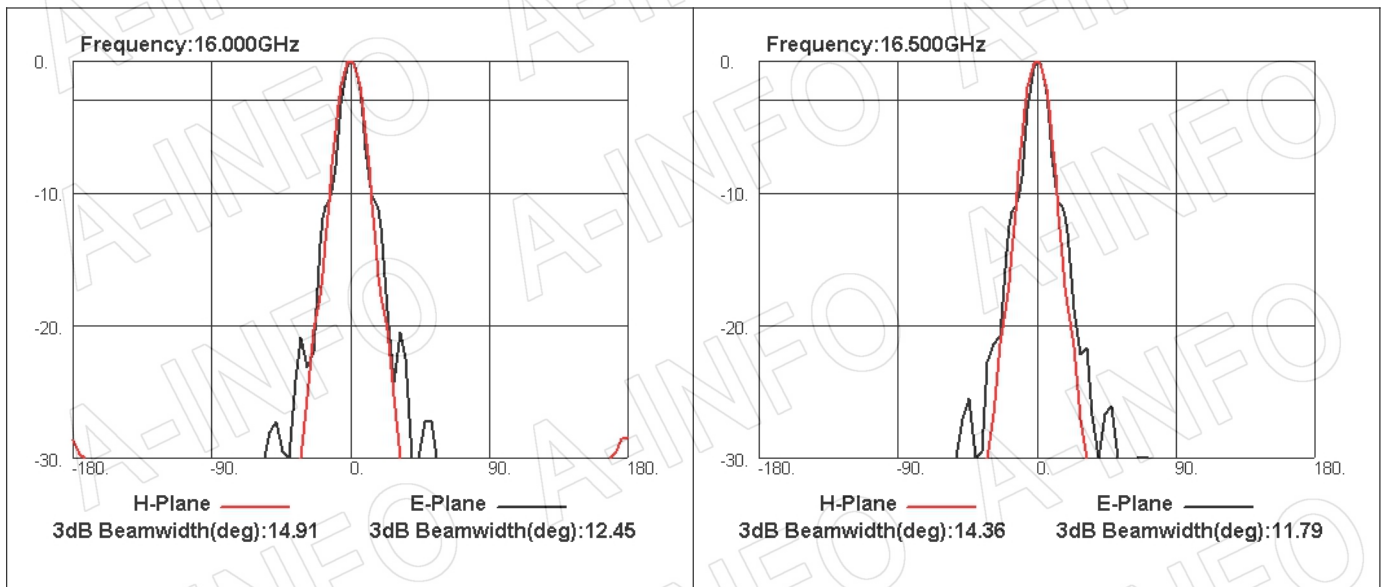
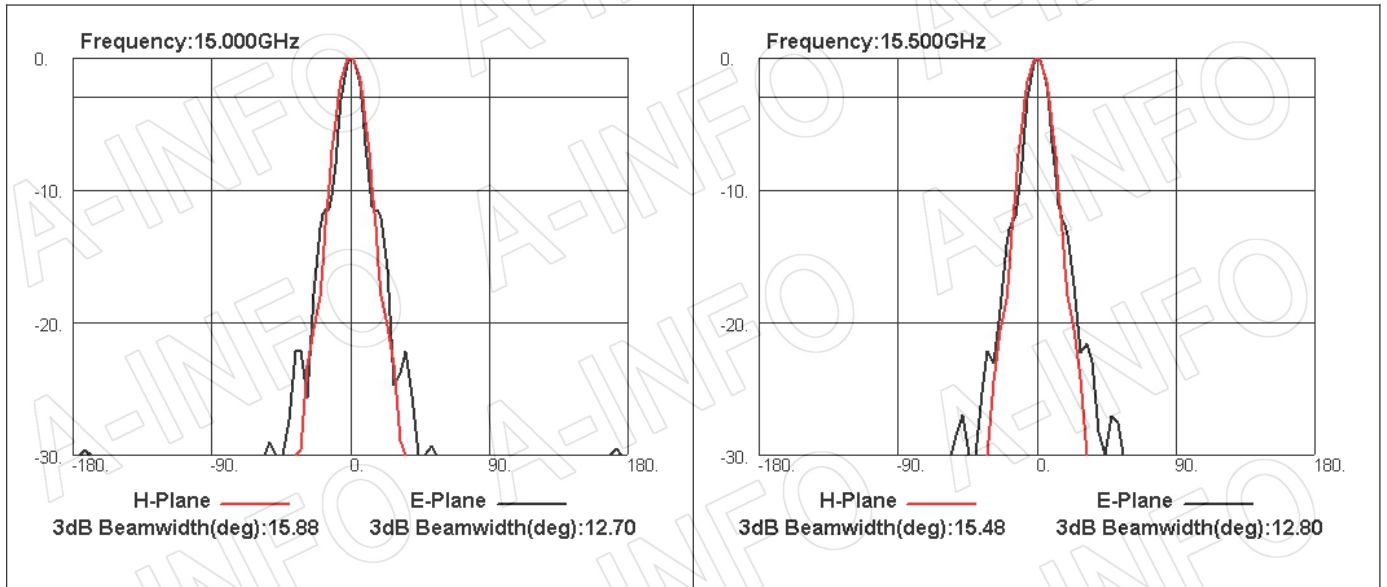
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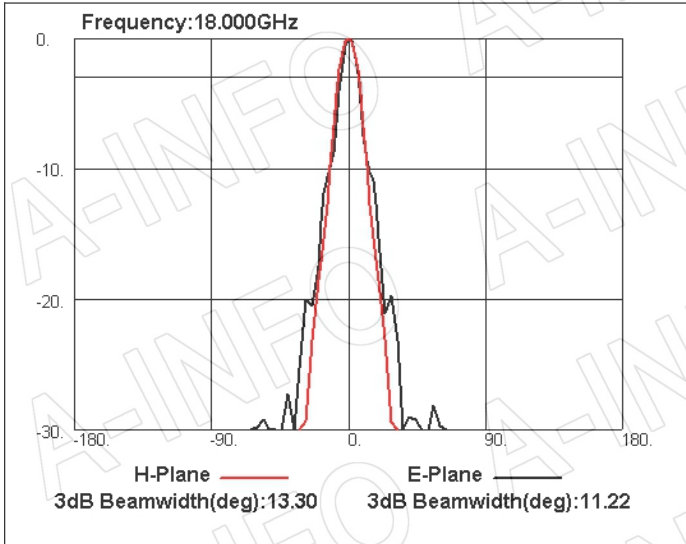
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