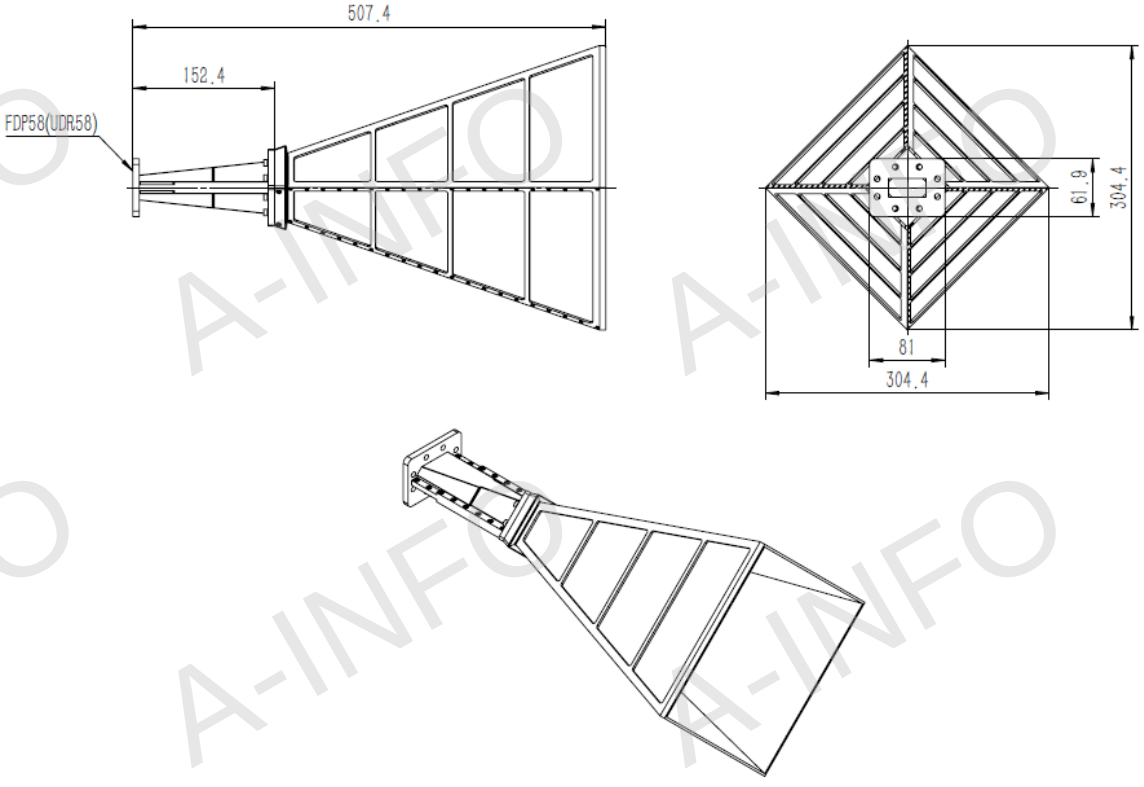
Technical Specification

Frequency Range(GHz)	4.90-7.05	
Waveguide	WR159	
Gain(dBi)	20 Typ.	
Polarization	Linear	
3dB Beamwidth(deg)	E Plane:	15 Typ.
	H Plane:	15 Typ.
Sidelobe(dB)	E Plane:	-30 Max.
	H Plane:	-35 Max.
Cross Pol. Isolation(dB)	-40 Typ.	
VSWR	A Type:	1.2:1 Max.
	C Type:	1.5:1 Max.
Output	A Type:	FDP58(UDR58)
	C Type:	N-Female or SMA-Female
Material	AI	
Size(mm)	A Type:	304.4 x 304.4 x 507.4
	C Type:	304.4 x 304.4 x 557.4
Net Weight(Kg)	A Type:	1.44 Around
	C Type:	1.66 Around

Outline Drawing (Size: mm)

A Type(With FDP58 Output)



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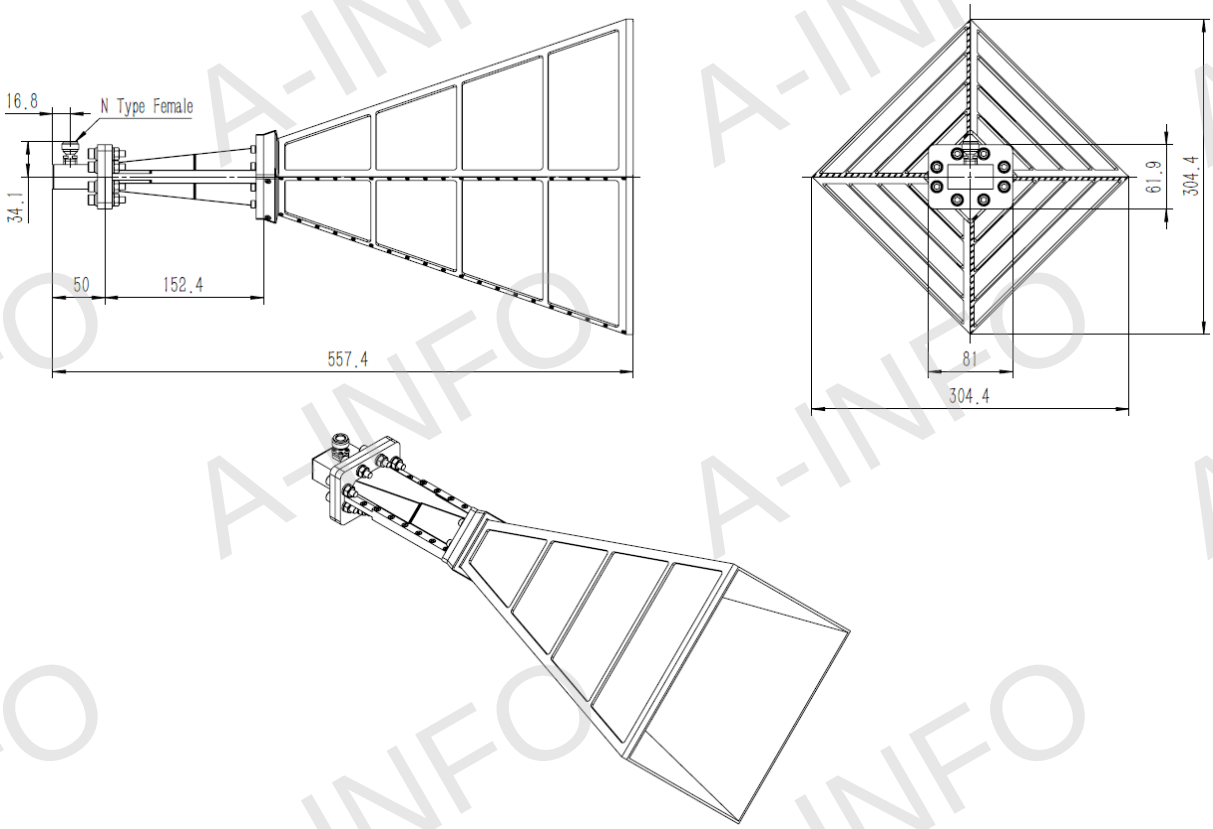
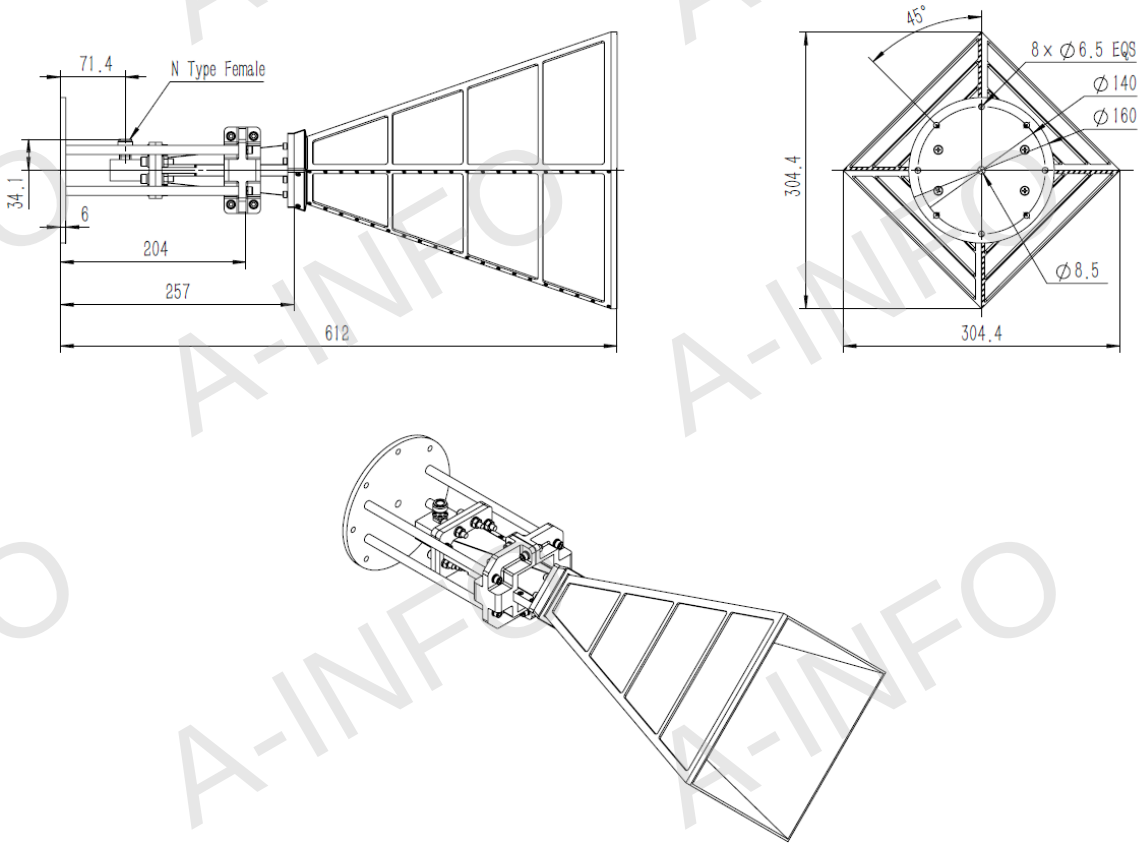
C Type (With N Type Female Output)



C Type (With N Type Female Output & Round Mounting Bracket)



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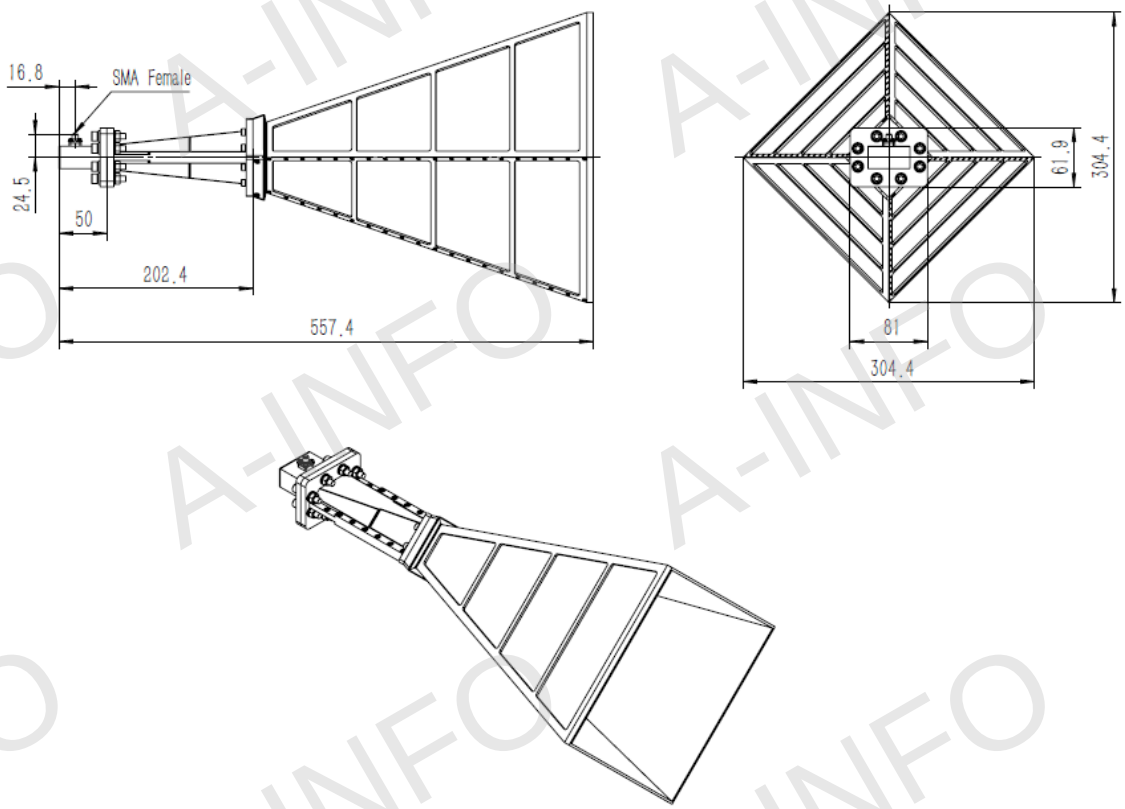
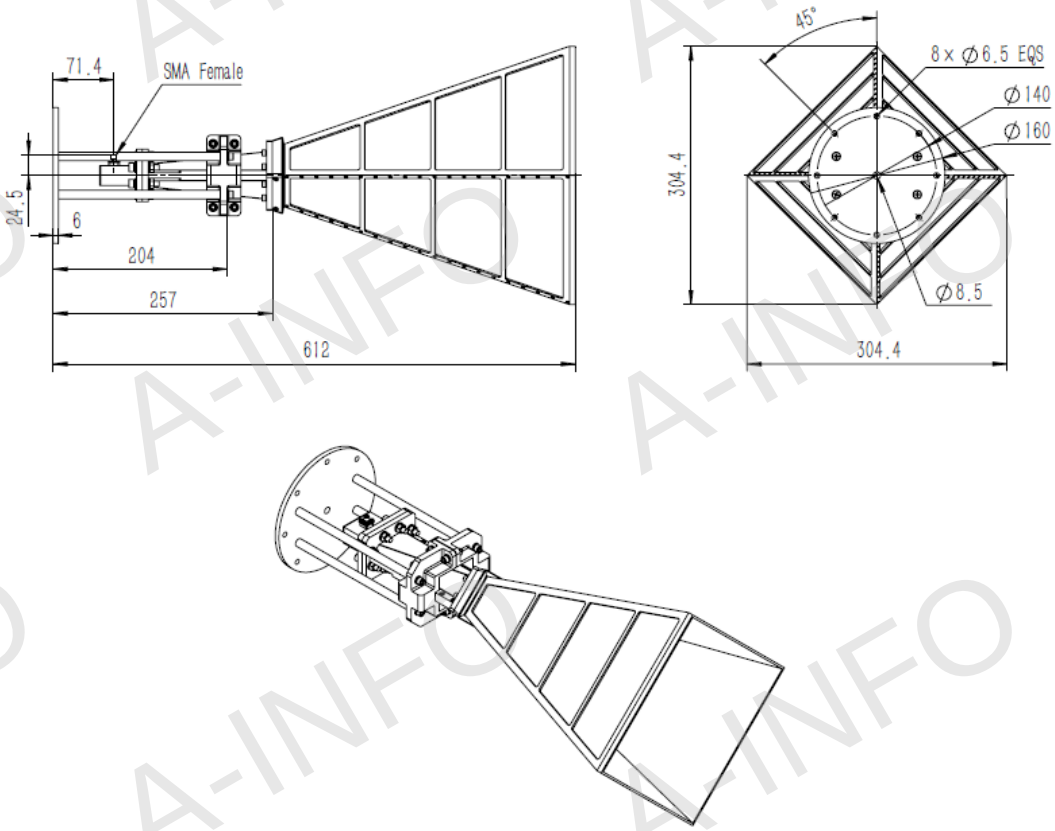
C Type (With SMA Female Output)



C Type (With SMA Female Output & Round Mounting Bracket)



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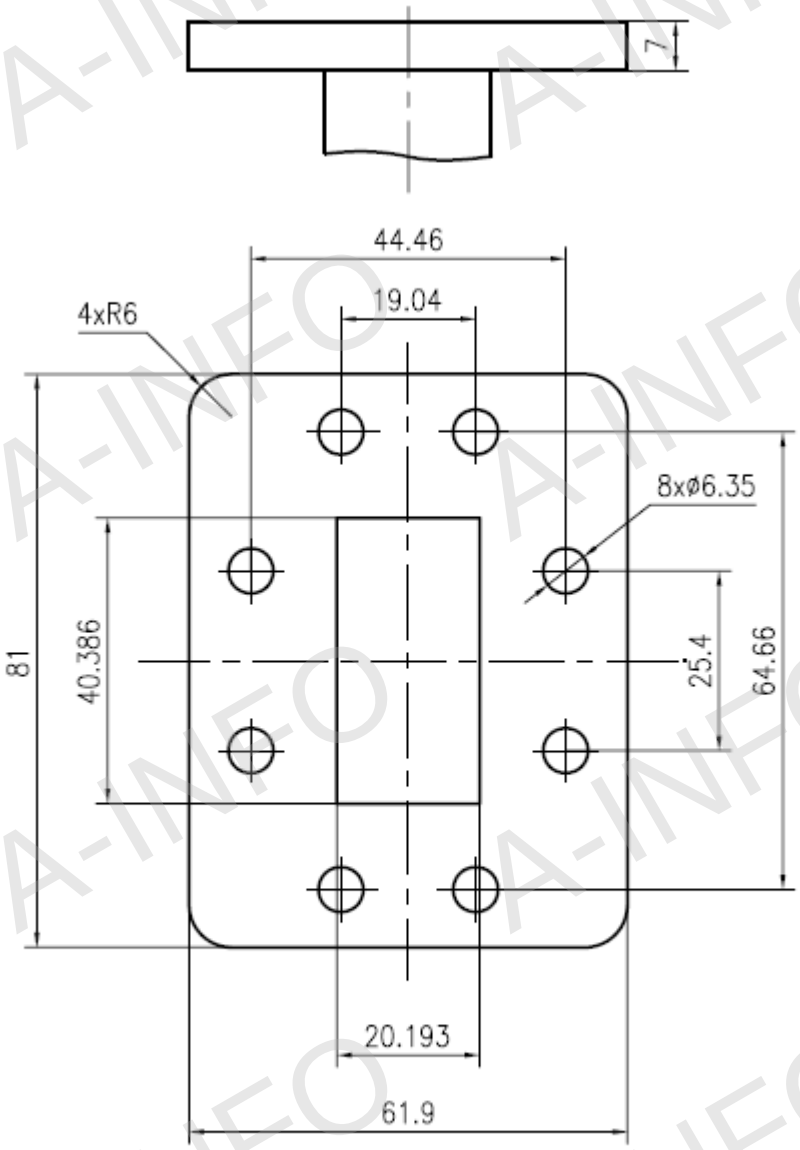
Flange Drawing (Size: mm)



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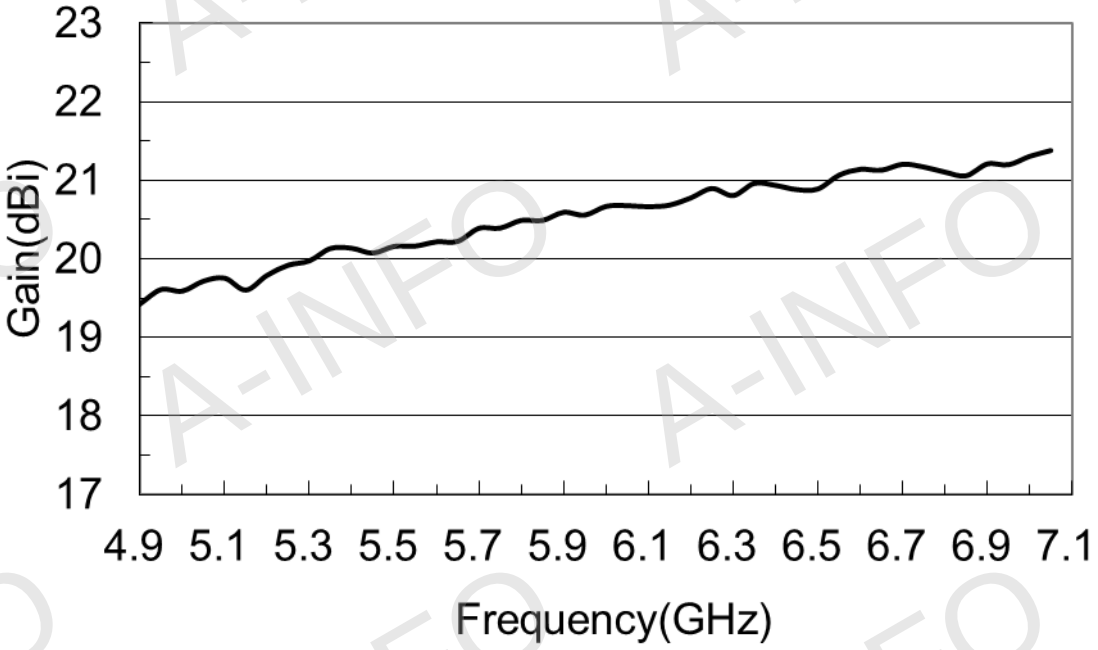
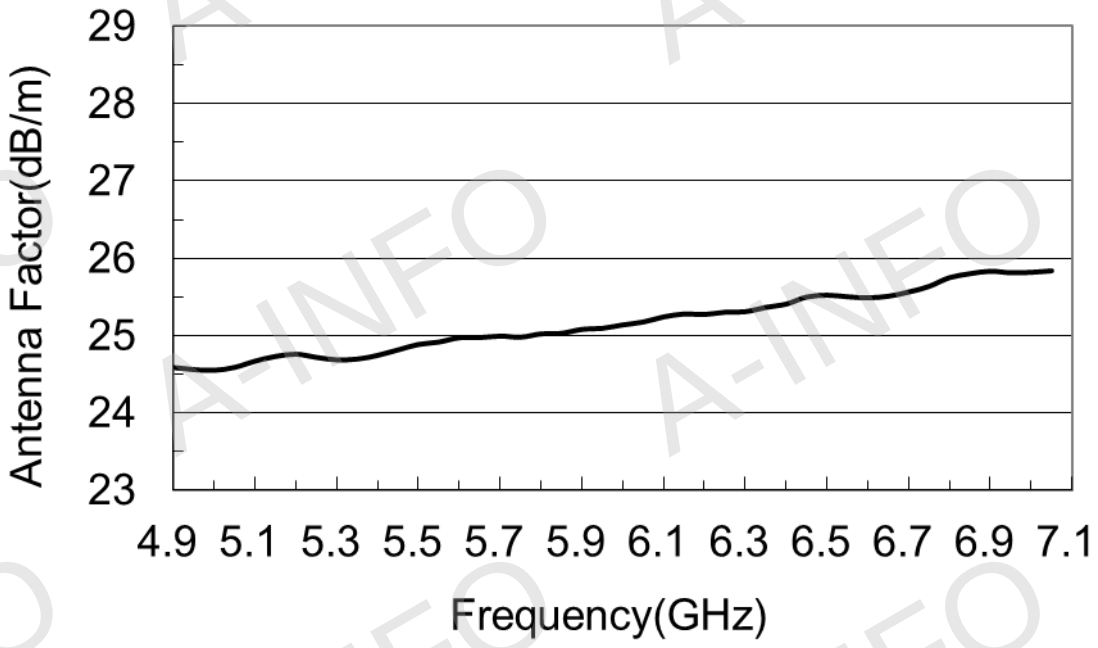
Test Results

1. Gain and Antenna Factor





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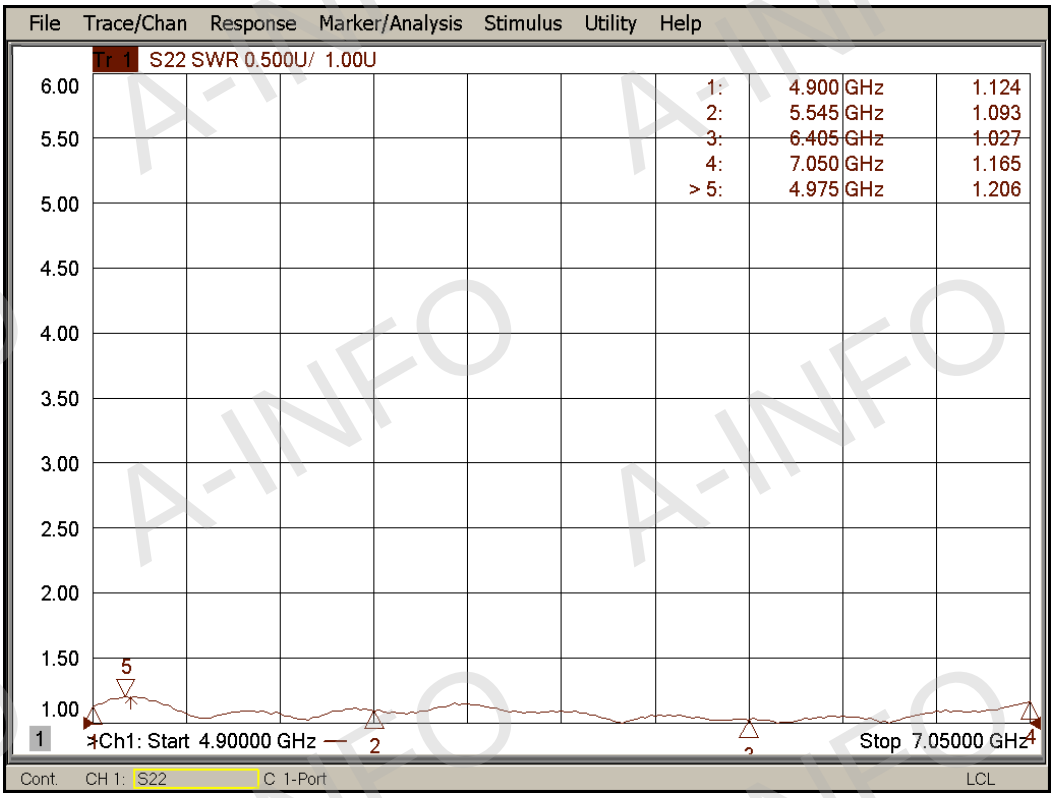
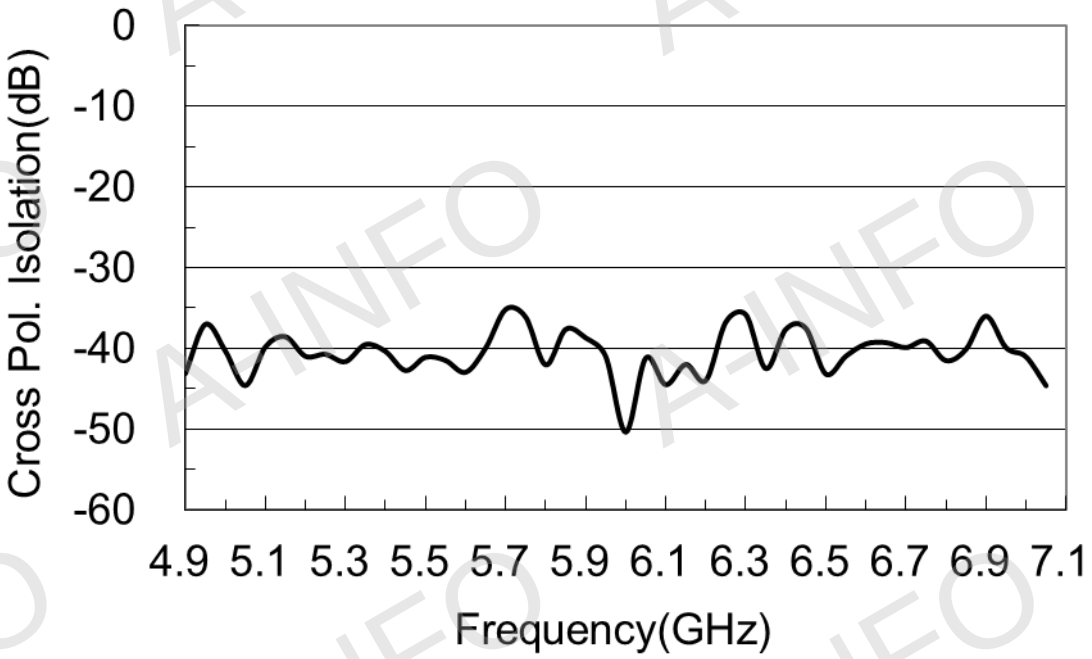
2. VSWR



3. Cross Polarization Isolation



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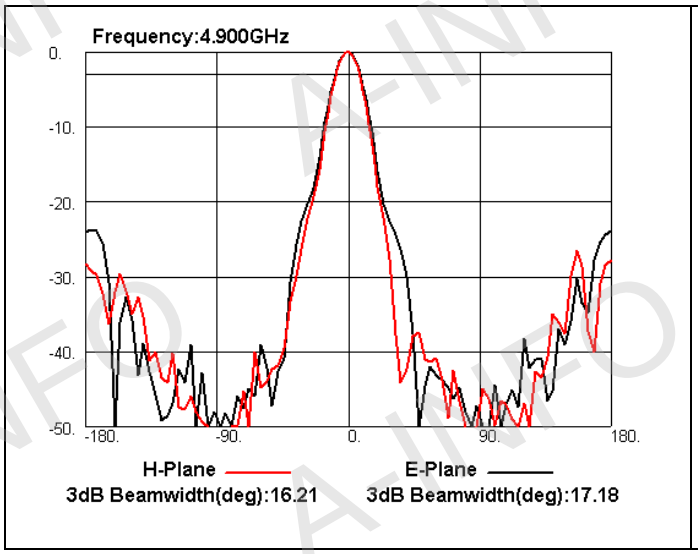
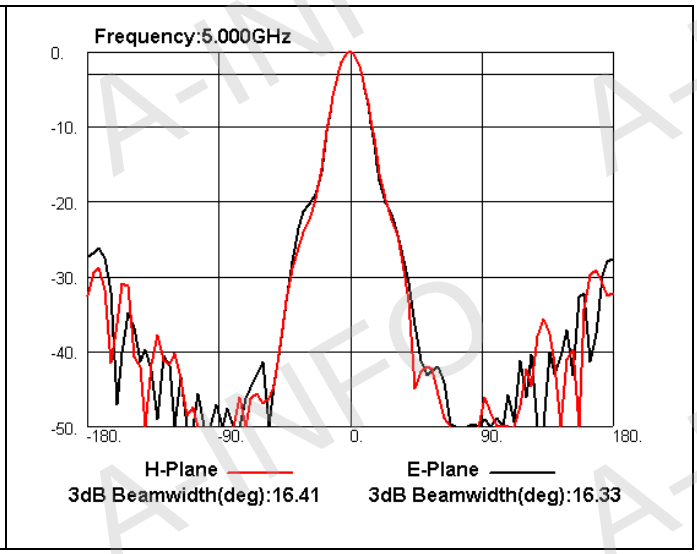
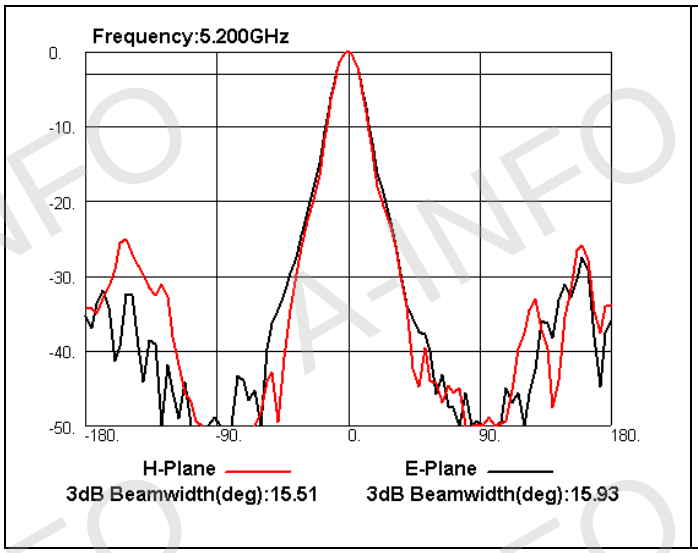
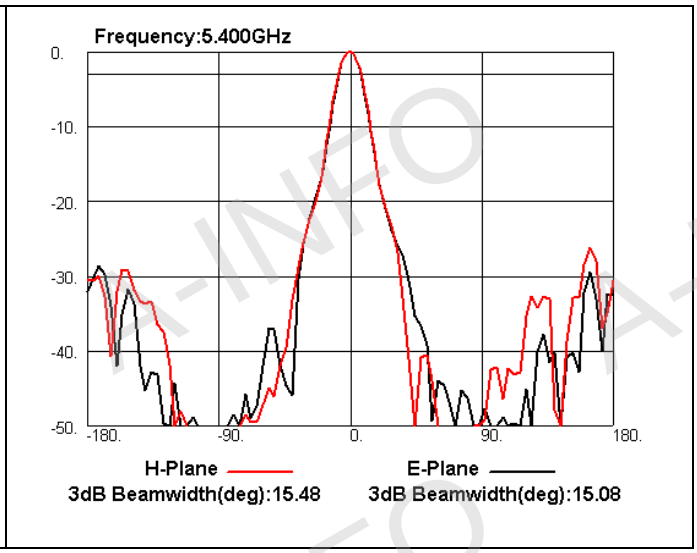
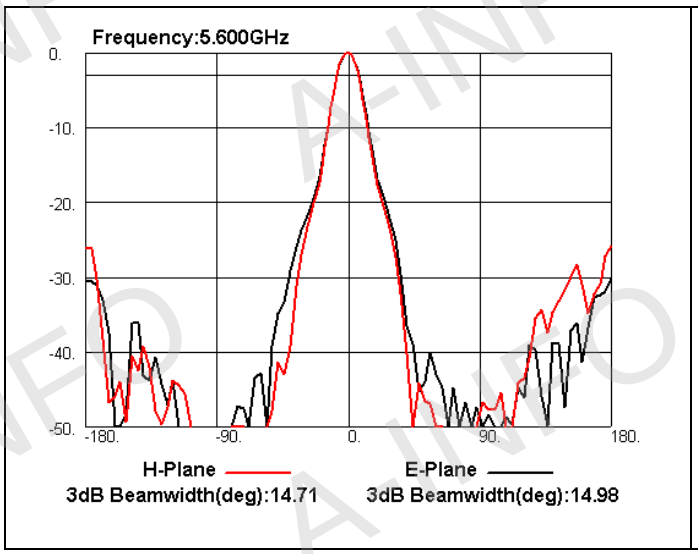
4. Pattern

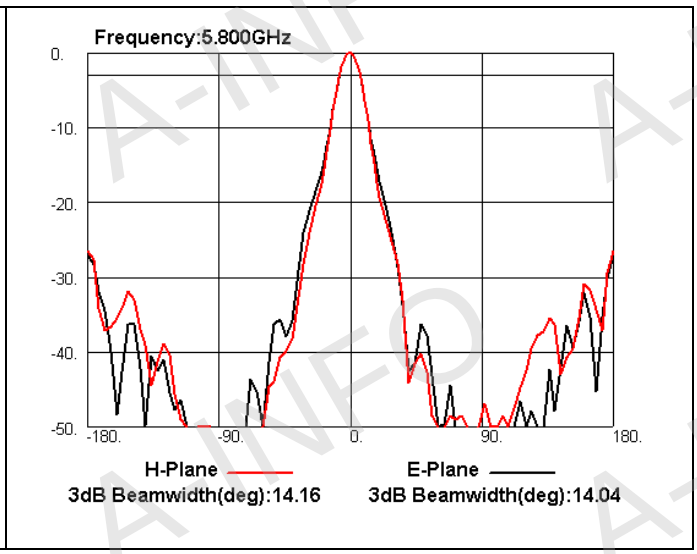












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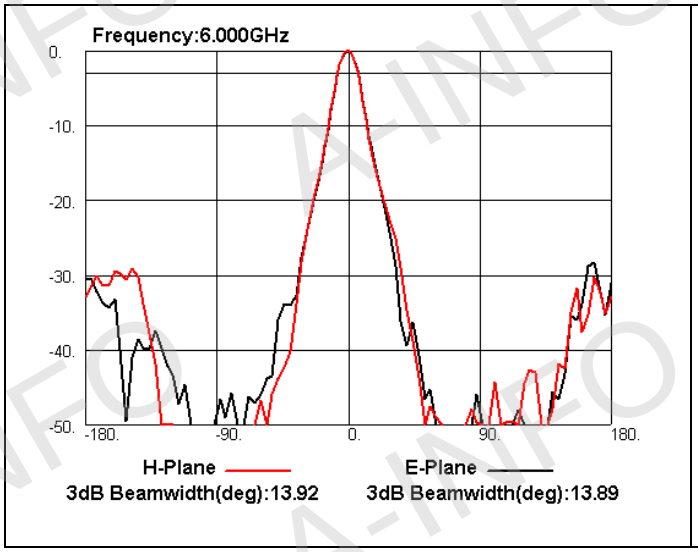

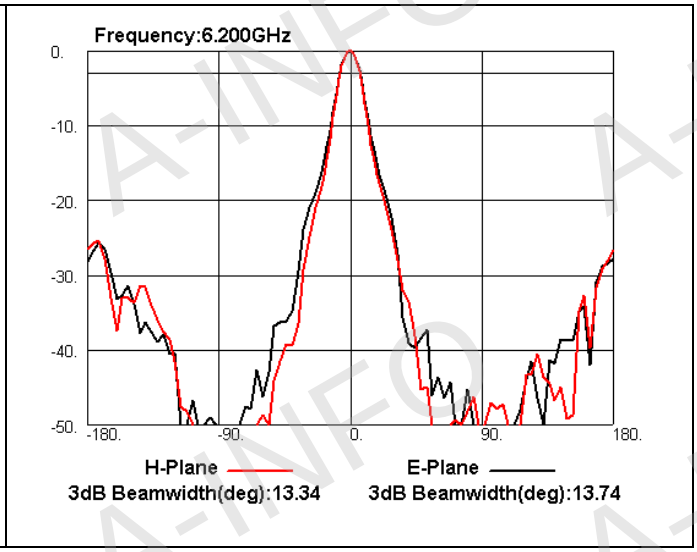

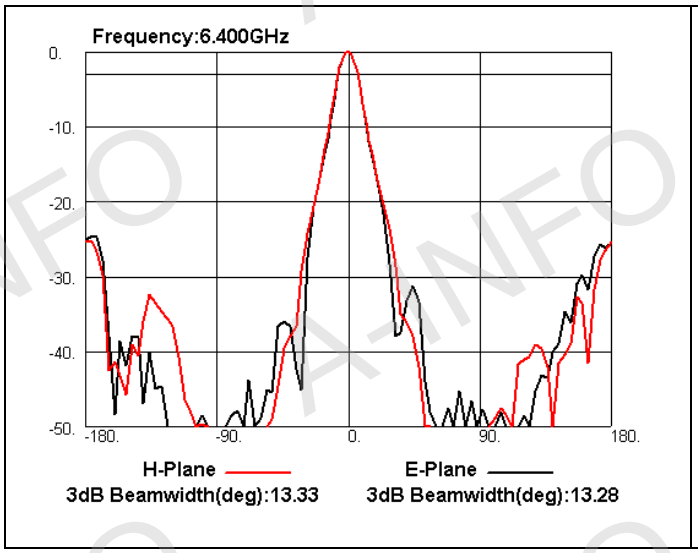

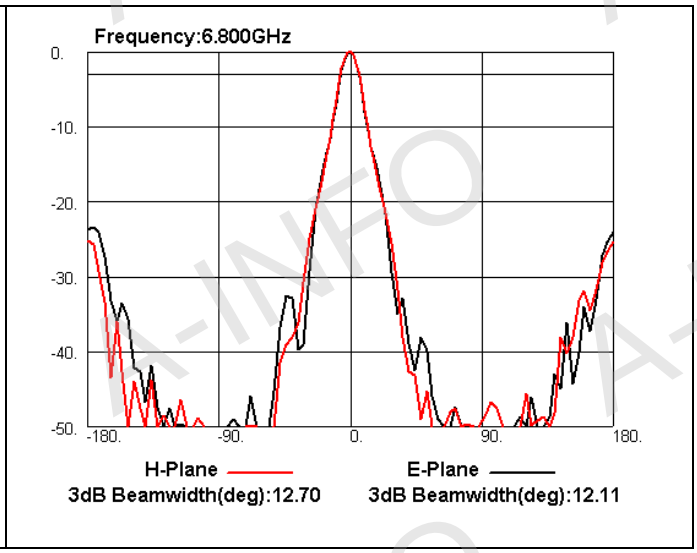

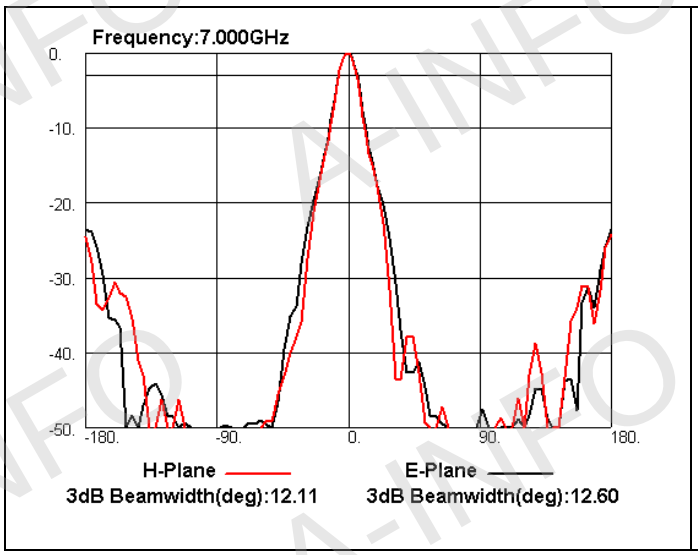

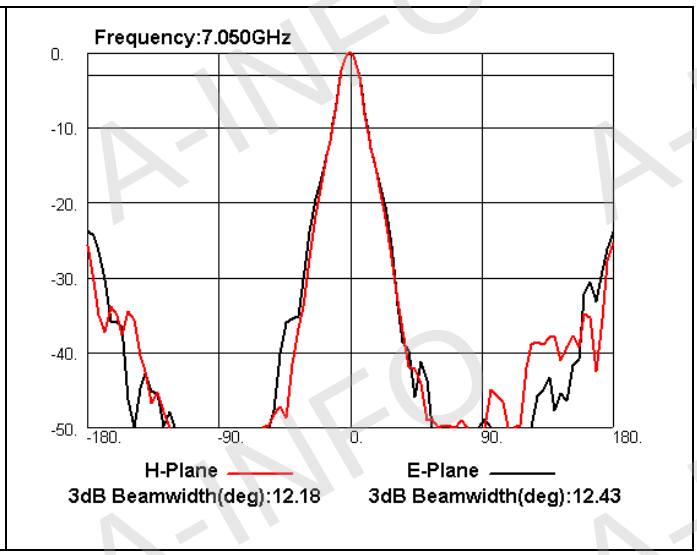

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