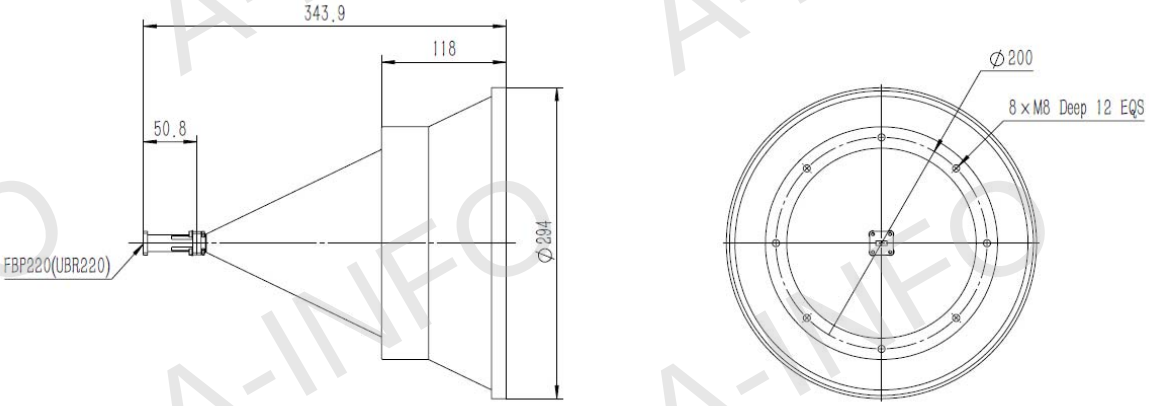
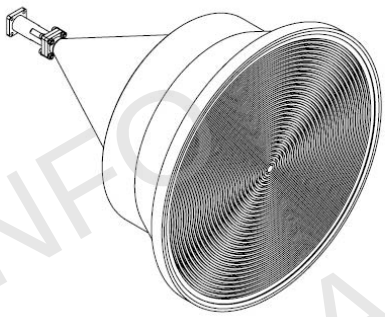
Technical Specification

Frequency Range(GHz)	21.2 – 26.5	
Waveguide	WR42	
Gain(dBi)	34.5 Typ.	
Polarization	Linear	
3dB Beamwidth(deg)	E-Plane:	3.0 Typ.
	H-Plane:	3.5 Typ.
VSWR	A Type:	1.5:1 Max.
	C Type:	2.0:1 Max.
Output	A Type:	FBP220(UBR220)
	C Type:	SMA-Female or 2.92mm-Female or 3.5mm-Female
Material	Al	
Size(mm)	A Type:	Φ294 x 343.9
	C Type:	Φ294 x 378.9
Net Weight(Kg)	A Type:	6.71 Around
	C Type:	6.77 Around

Outline Drawing (Size: mm)

A Type (With FBP220 Output)





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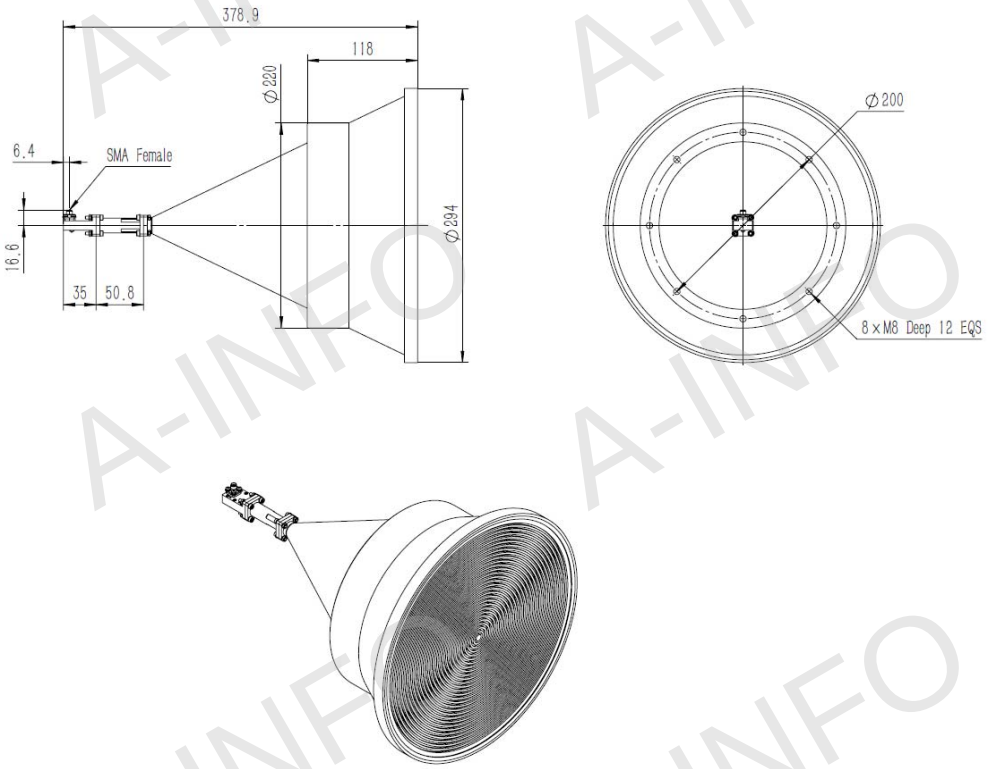
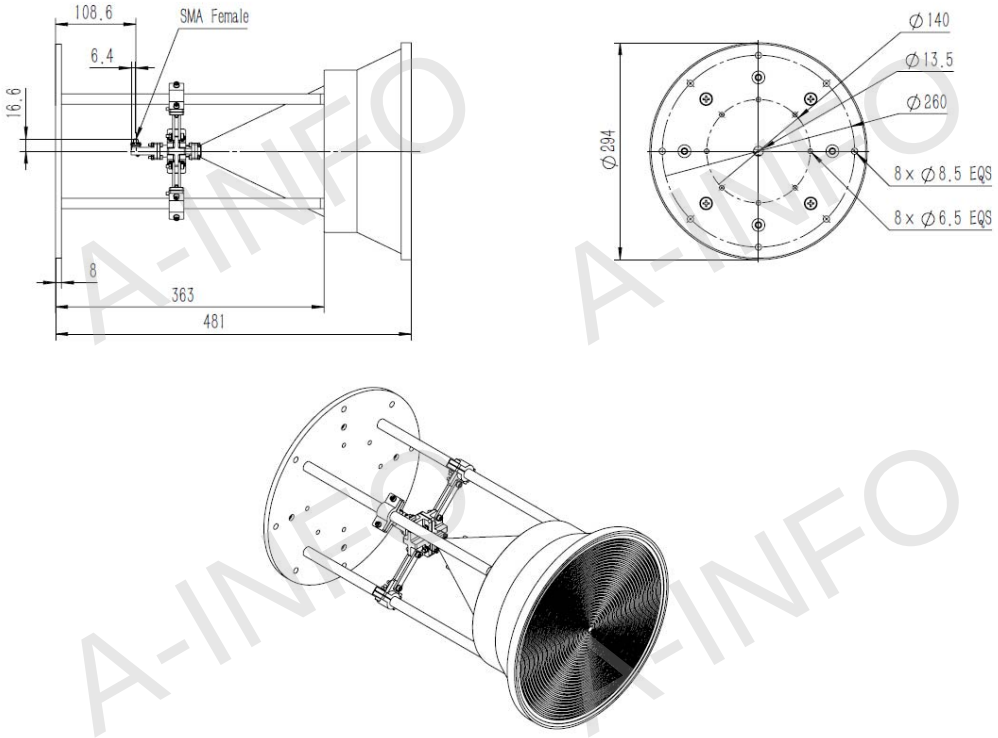
C Type (With SMA-Female Output)

For 2.92mm-Female or 3.5mm-Female output outline drawing, please contact A-INFO.



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

For 2.92mm-Female or 3.5mm-Female output outline drawing, please contact A-INFO.



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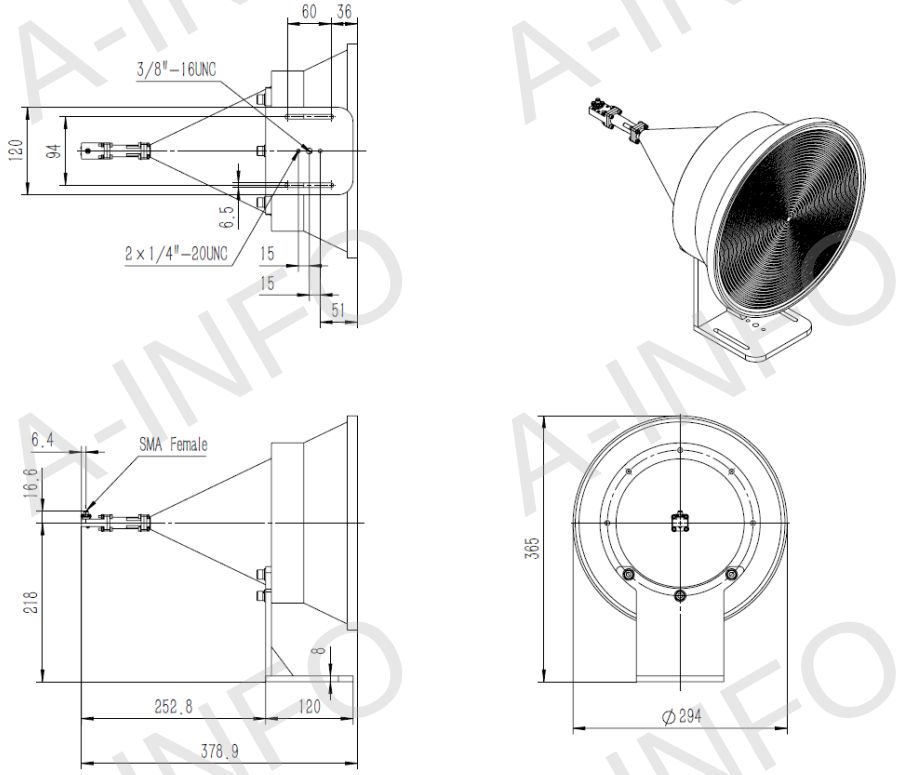
C Type (With SMA-Female Output & L Type Mounting Bracket)

For 2.92mm-Female or 3.5mm-Female output outline drawing, please contact A-INFO.



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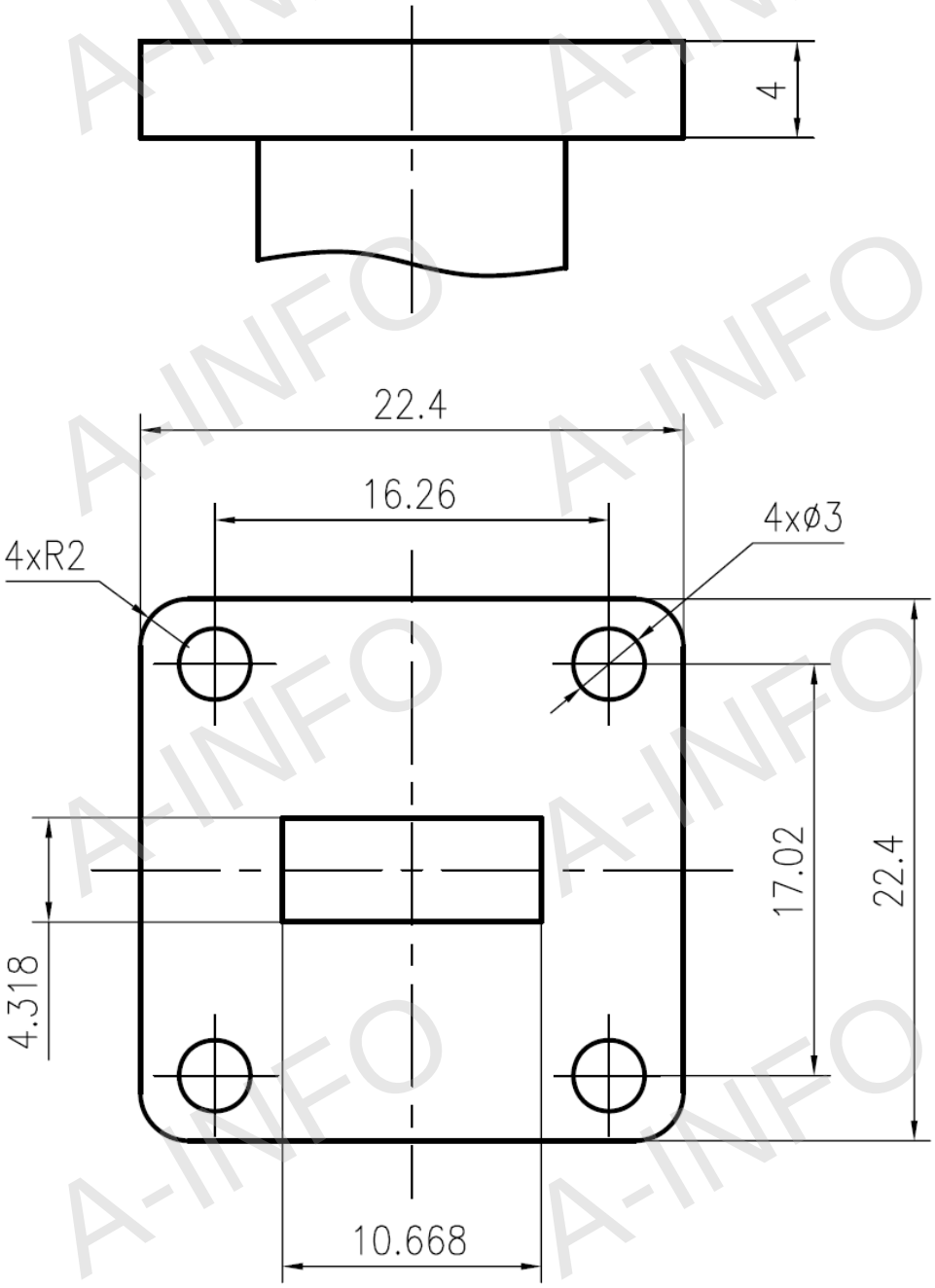
Flange Drawing (Size: mm)



FBP220

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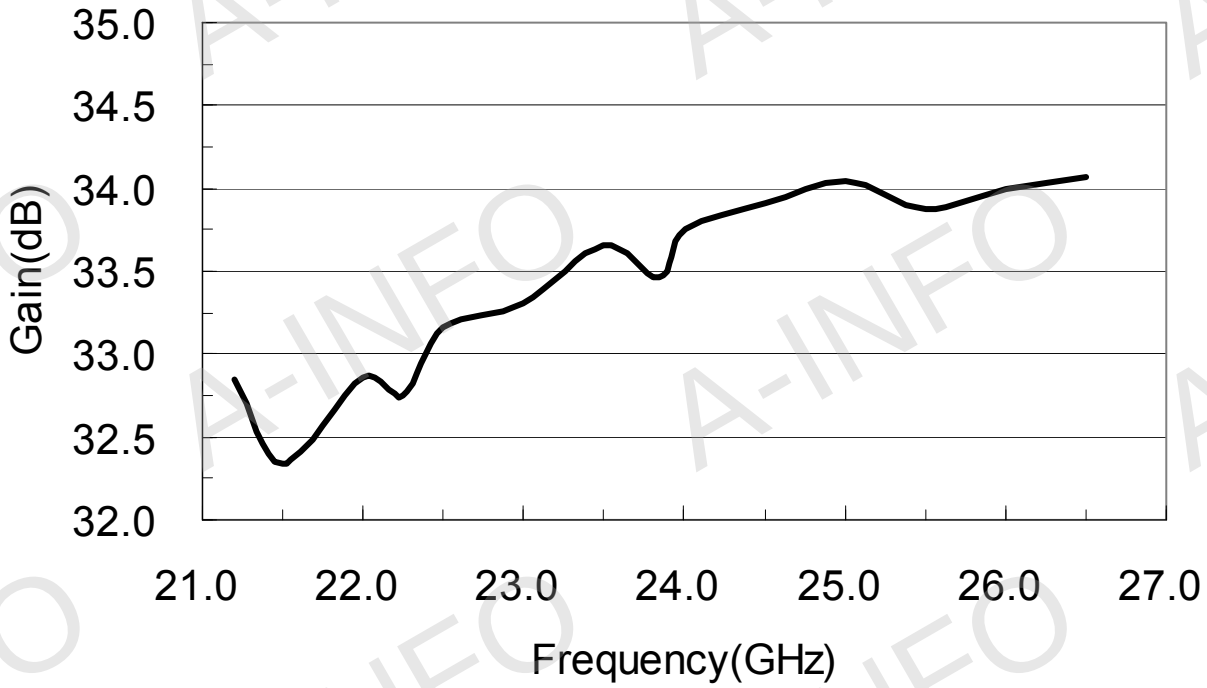
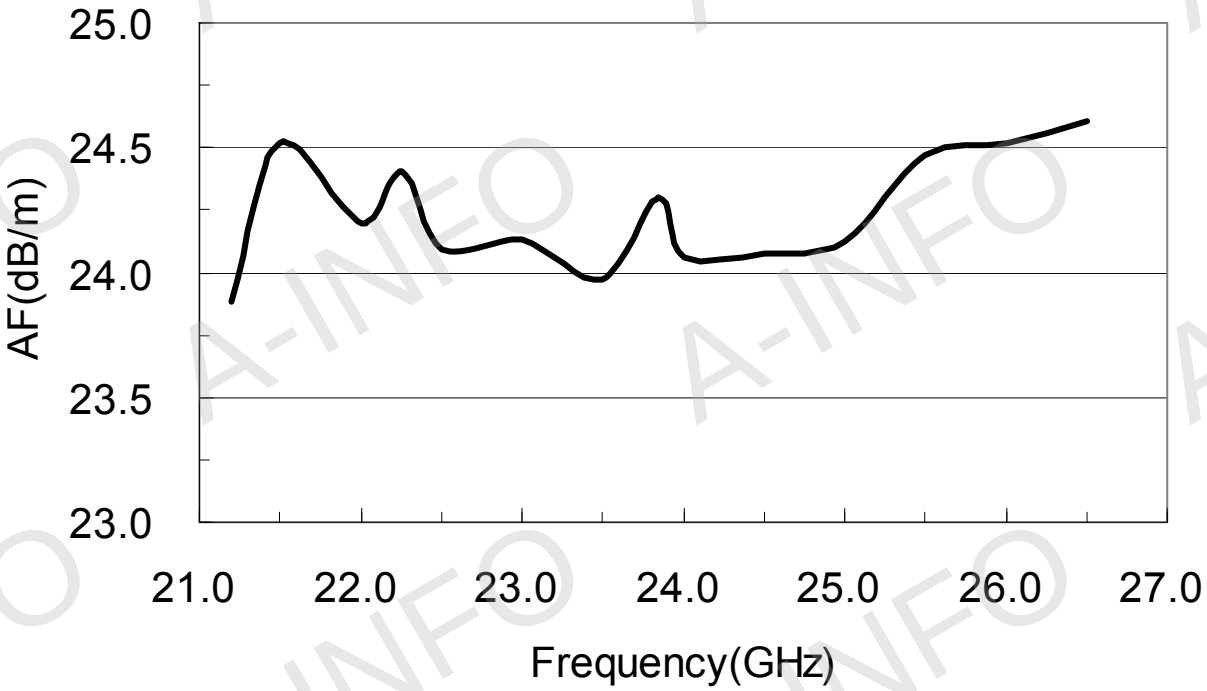
Test Results

1. Gain



2. Antenna Factor



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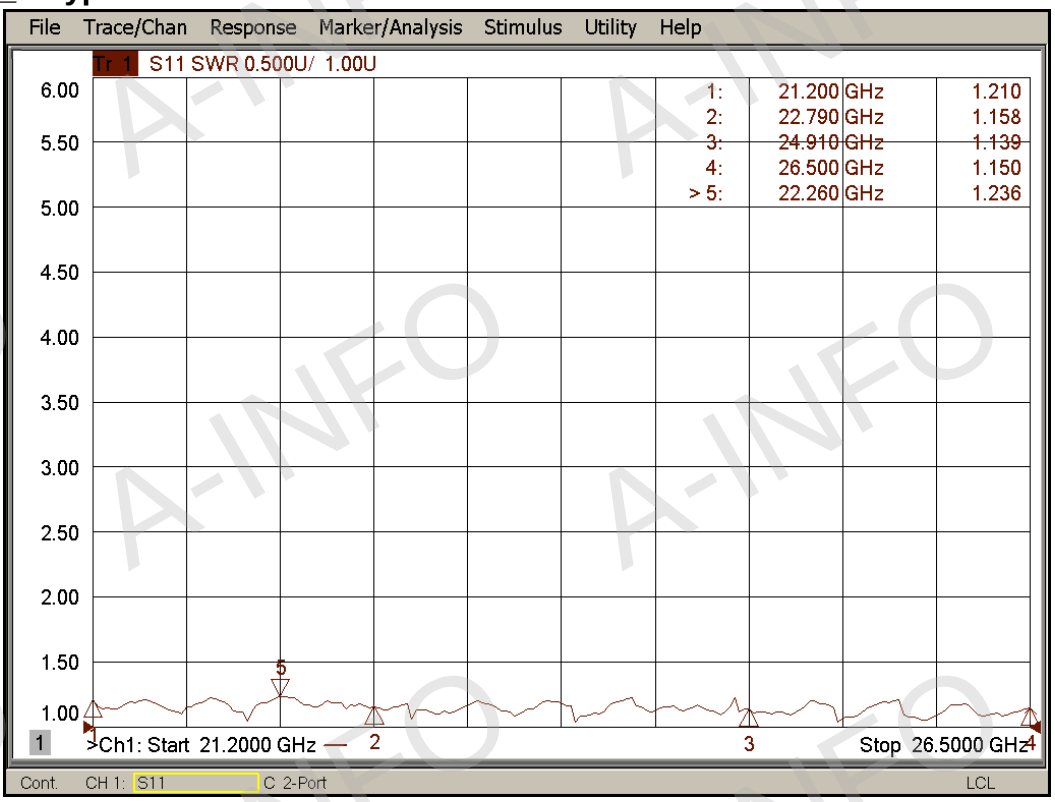
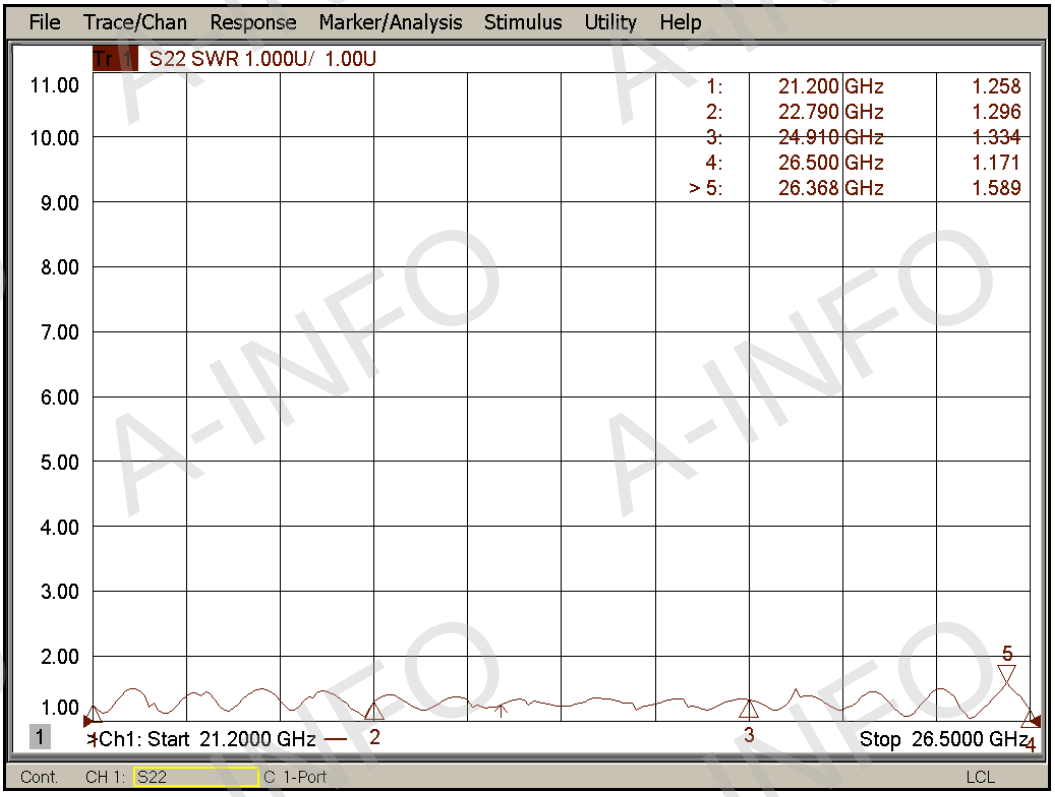
3. VSWR_A Type



VSWR_C Type



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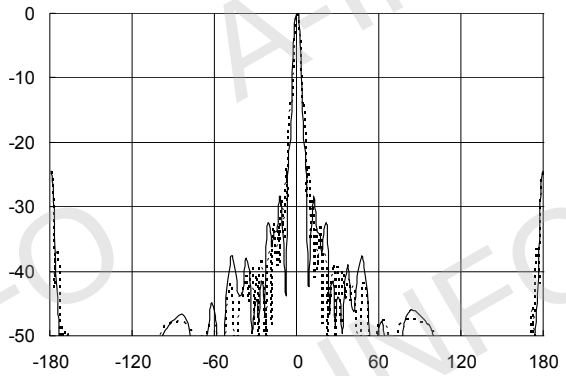
4. Pattern

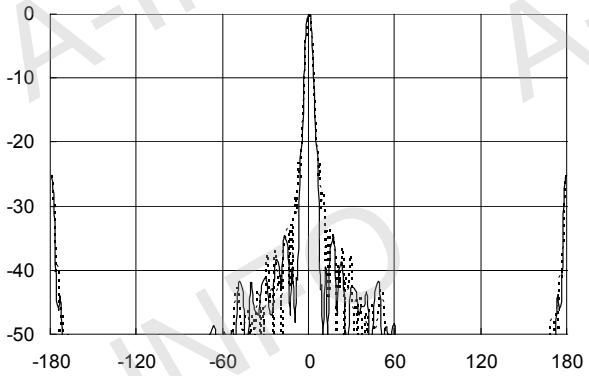
21.2GHz



H-Plane ——— E-Plane - - - - -

3dB Beamwidth (deg): 4.07 3dB Beamwidth (deg): 3.01

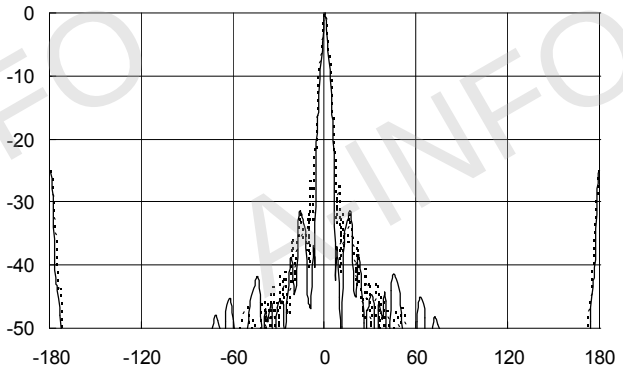
23.85GHz



H-面 ——— E-面 - - - - -

3dB Beamwidth (deg): 3.93 3dB Beamwidth (deg): 2.91

26.5GHz



H 面 ——— E 面 - - - - -

3dB Beamwidth (deg): 3.20 3dB Beamwidth (deg): 2.65

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