

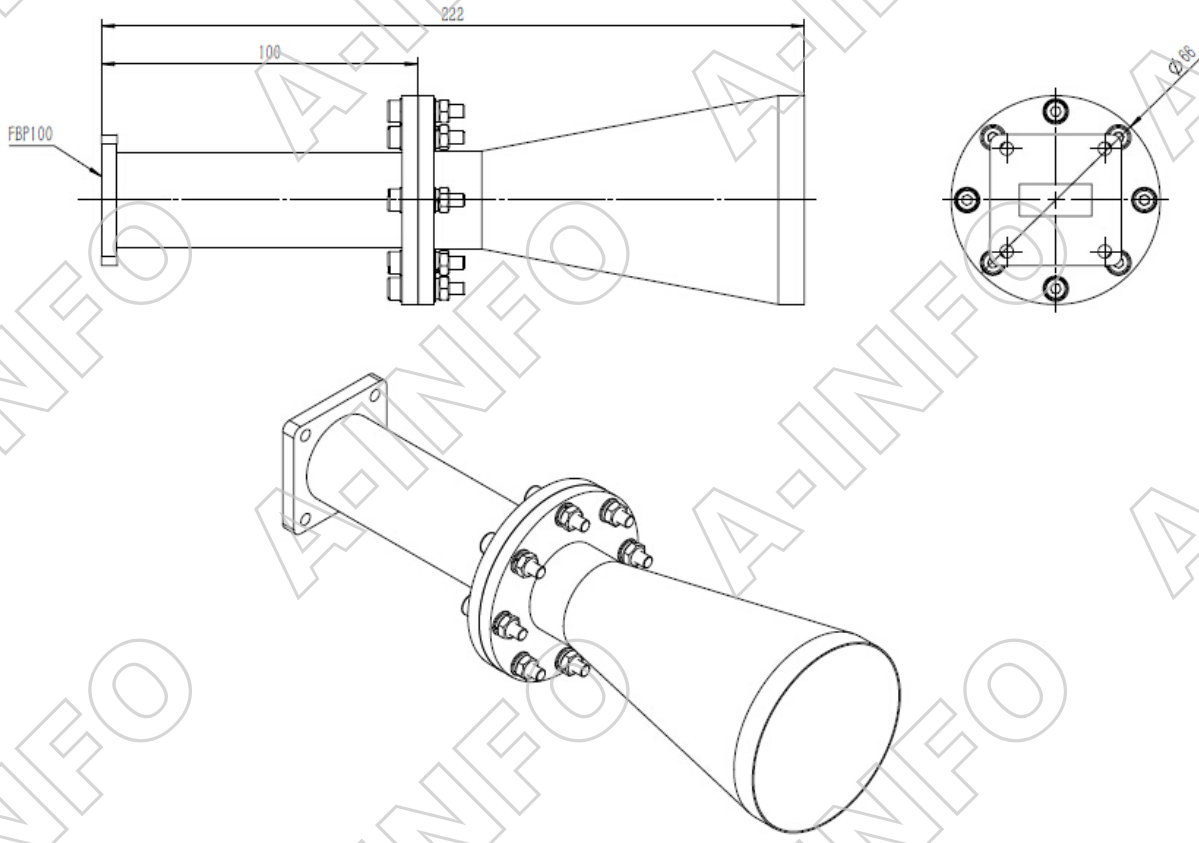
Technical Specification



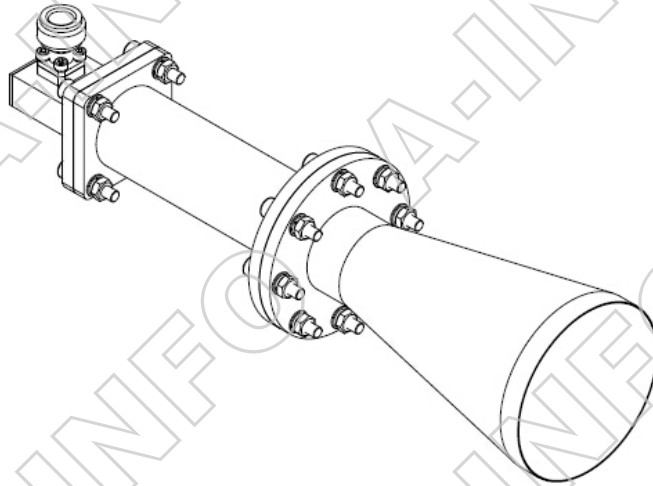
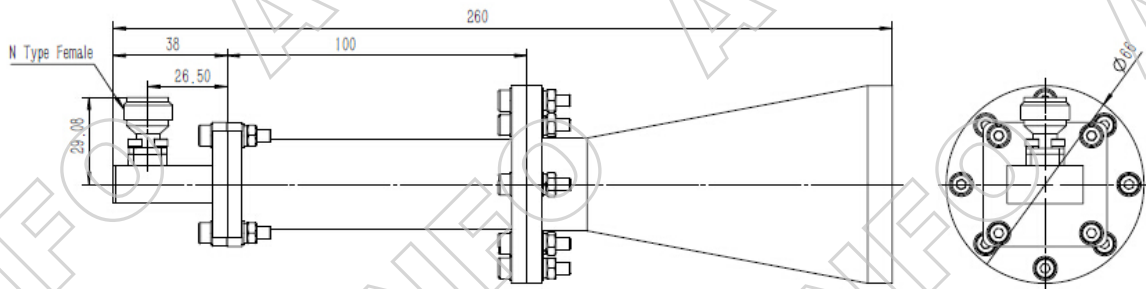
EIA WR	WR90
Frequency Range(GHz)	8.2-12.4
Gain(dB)	15 Typ.
3dB Beamwidth(deg)	30 Typ.
VSWR	A Type: 1.5 Max.
	C Type: 1.5 Max.
Output	A Type: FBP100
	C Type: N-F or SMA-F
Material	Al
Size(mm)	A Type: Φ66x222
	C Type: Φ66x260
Net Weight(Kg)	A Type: 0.55 Around
	C Type: 0.60 Around

Outline Drawing (Size: mm)

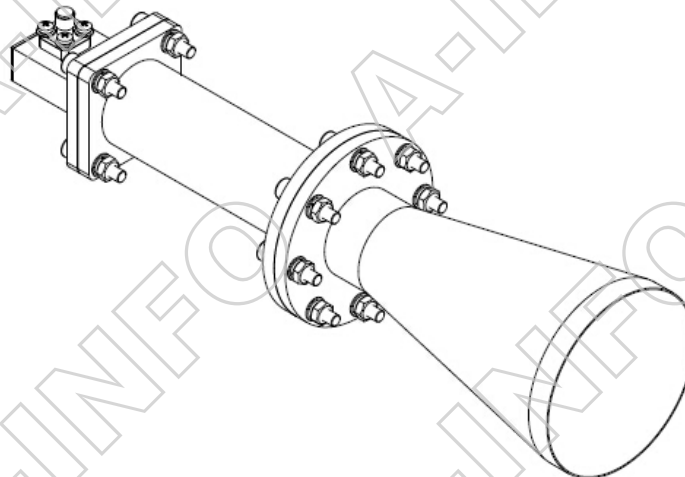
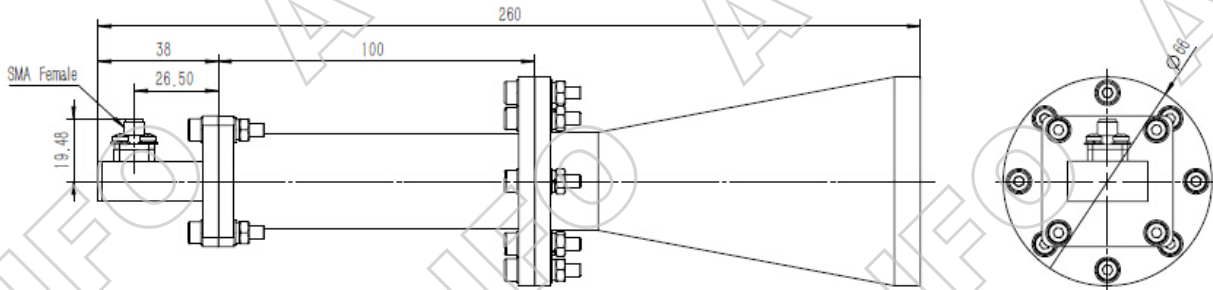
A Type (Waveguide Output)



C Type (With N Type Female Output)

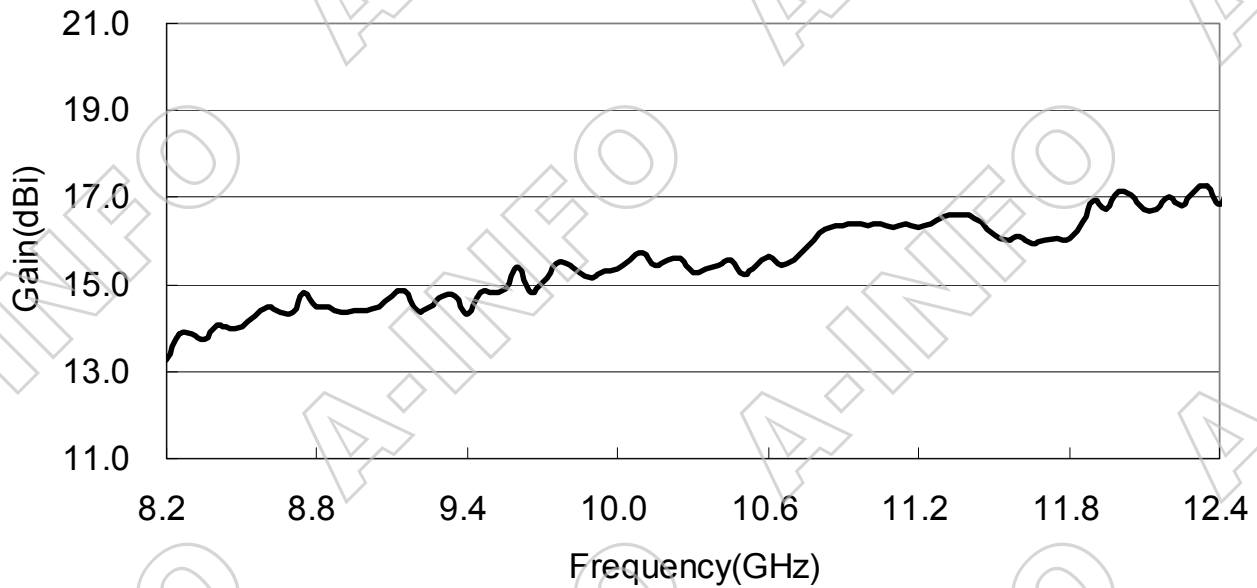


C Type (With SMA Female Output)

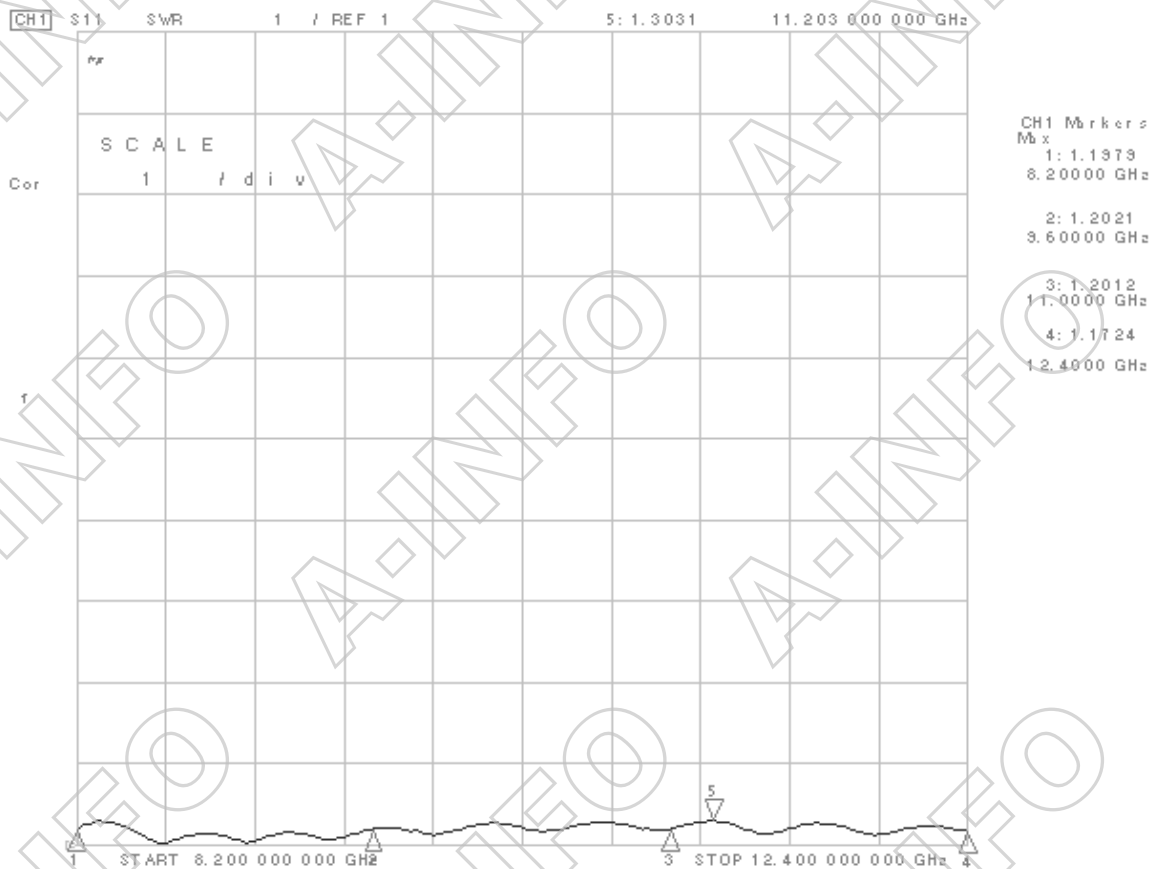


Test Results

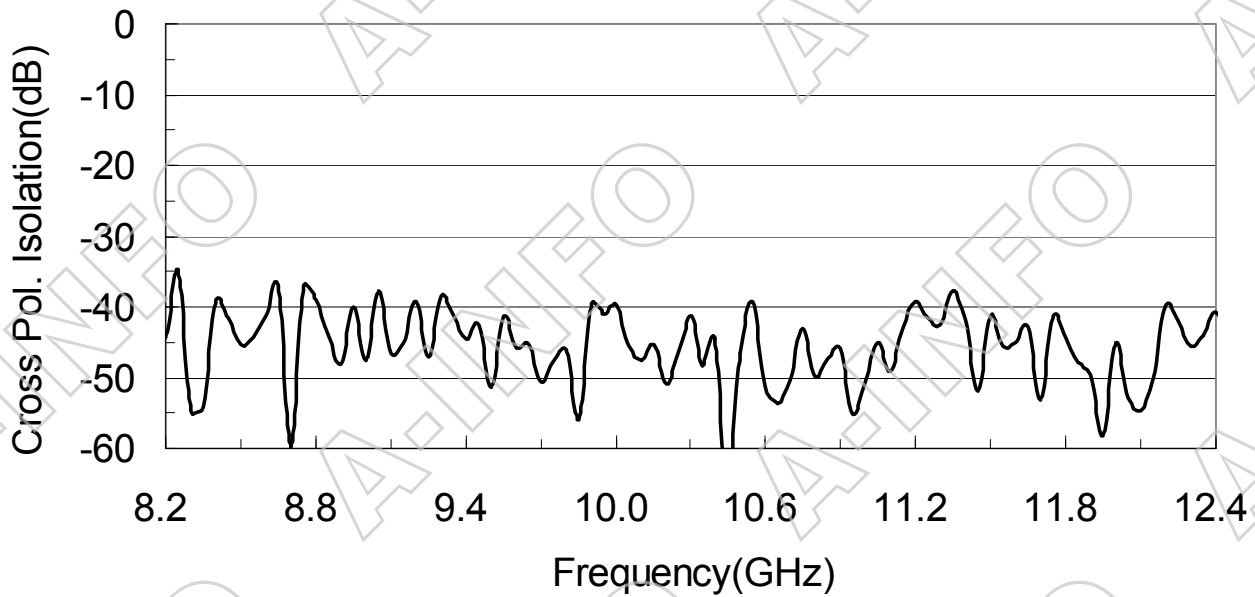
1. Gain



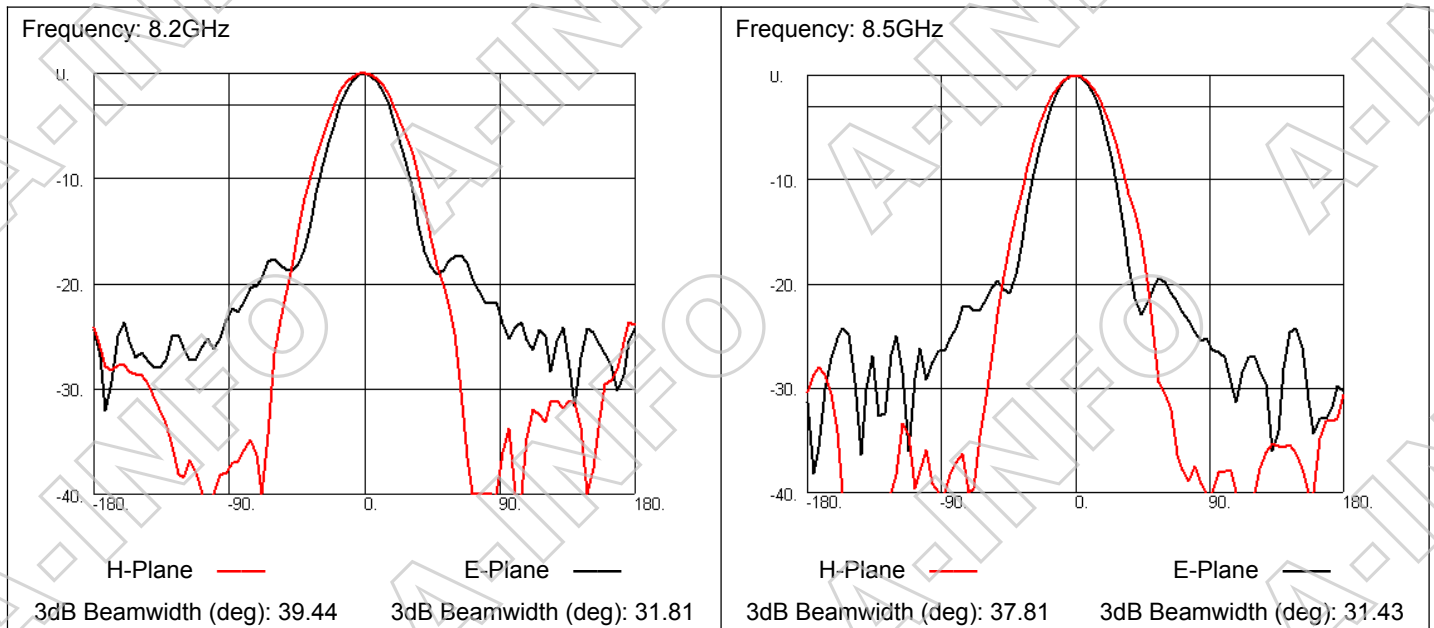
2. VSWR



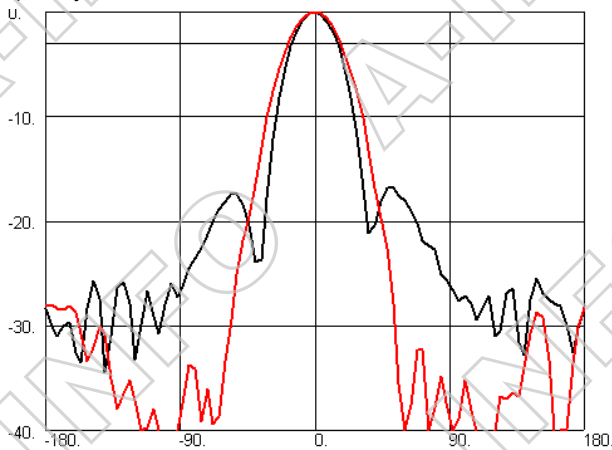
3. Cross Polarization Isolation



4. Pattern

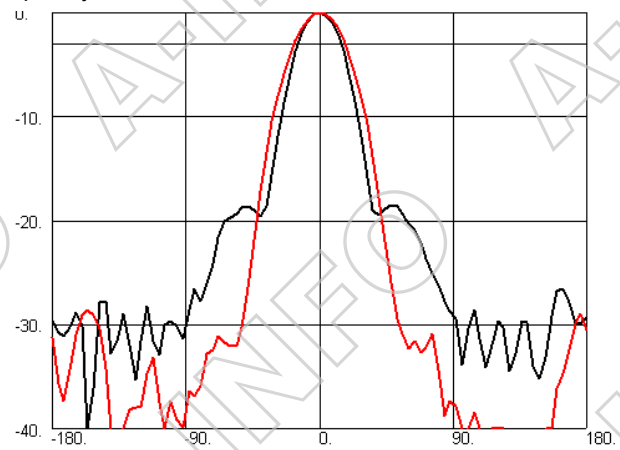


Frequency: 9.0GHz



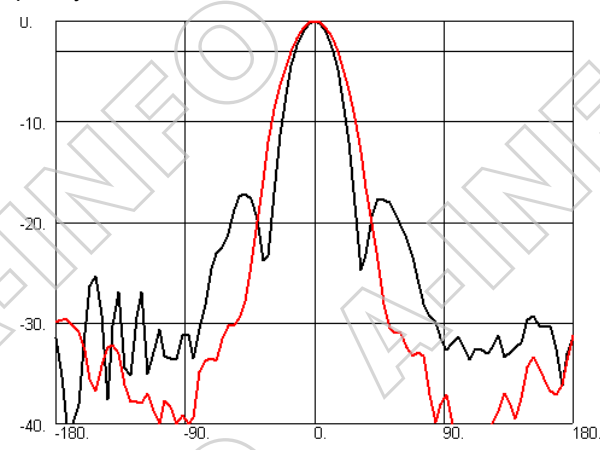
H-Plane — 3dB Beamwidth (deg): 34.83
E-Plane — 3dB Beamwidth (deg): 30.23

Frequency: 9.5GHz



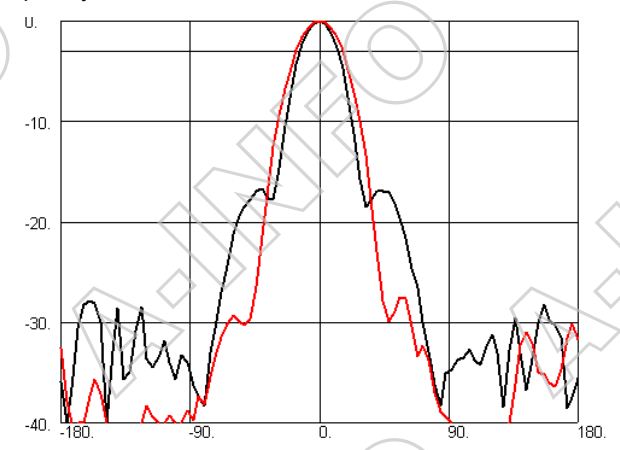
H-Plane — 3dB Beamwidth (deg): 34.06
E-Plane — 3dB Beamwidth (deg): 28.70

Frequency: 10.0GHz



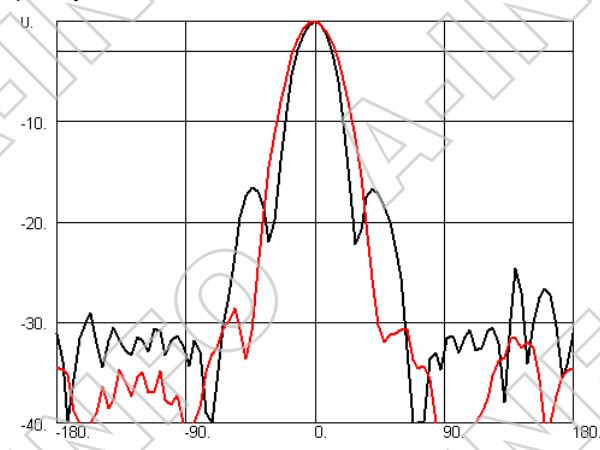
H-Plane — 3dB Beamwidth (deg): 32.13
E-Plane — 3dB Beamwidth (deg): 25.74

Frequency: 10.5GHz



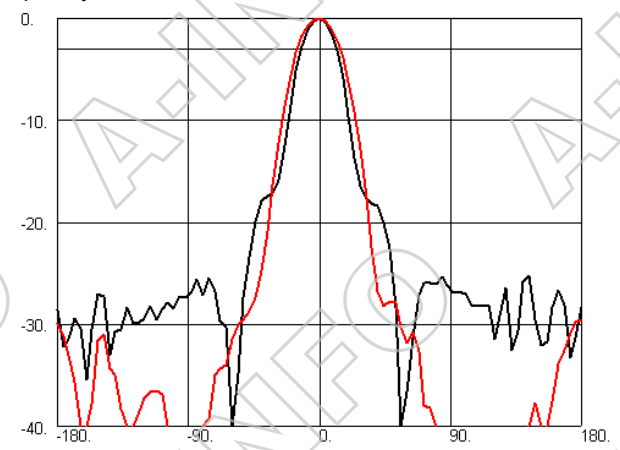
H-Plane — 3dB Beamwidth (deg): 32.28
E-Plane — 3dB Beamwidth (deg): 25.99

Frequency: 11.0GHz



H-Plane — 3dB Beamwidth (deg): 28.84
E-Plane — 3dB Beamwidth (deg): 23.58

Frequency: 11.5GHz



H-Plane — 3dB Beamwidth (deg): 29.12
E-Plane — 3dB Beamwidth (deg): 24.05

