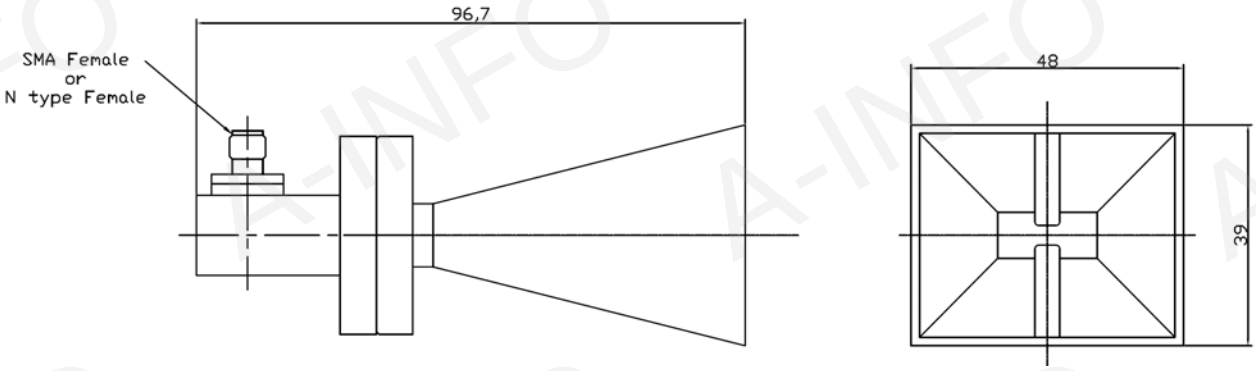
Technical Specification

Frequency Range(GHz)	7.5 - 18
Gain(dBi)	10 Typ.
Polarization	Linear
VSWR	2.0 Max
Cross Polarization Isolation(dB)	30 Typ.
Waveguide(A Type)	WRD750D24
Adapter(C Type)	750DRWCAS or 750DRWCAN
Connector(C Type)	SMA-F or N-F
Size(mm)	48x39x96.7(Including Adapter)
Net Weight(Kg)	0.18 Around(Including Adapter)

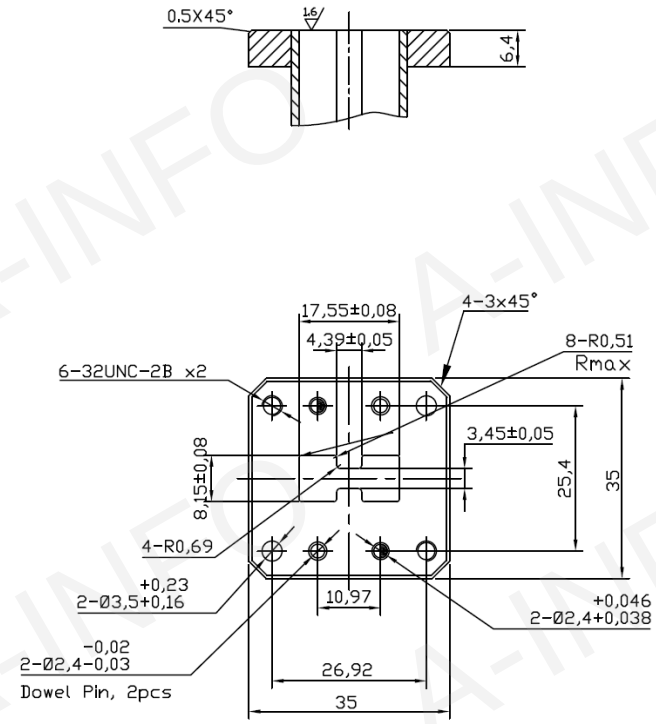
Outline Drawing (Size: mm)



Flange Drawing (Size: mm)

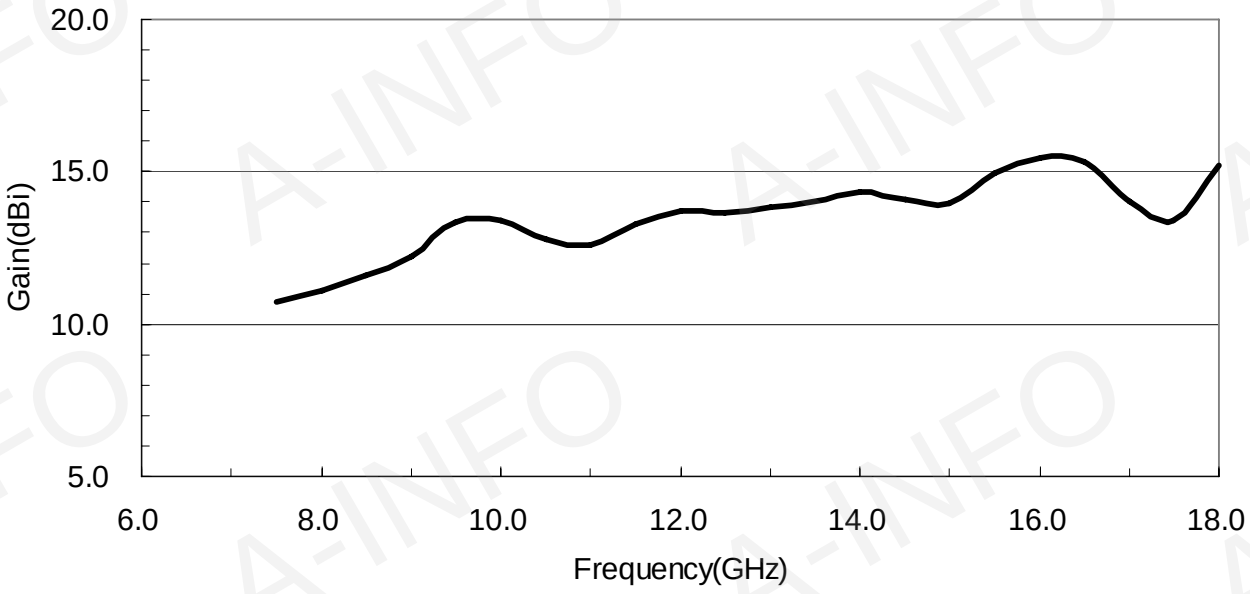
FPWRD750D24

(With two through mounting holes
and two screws holes)

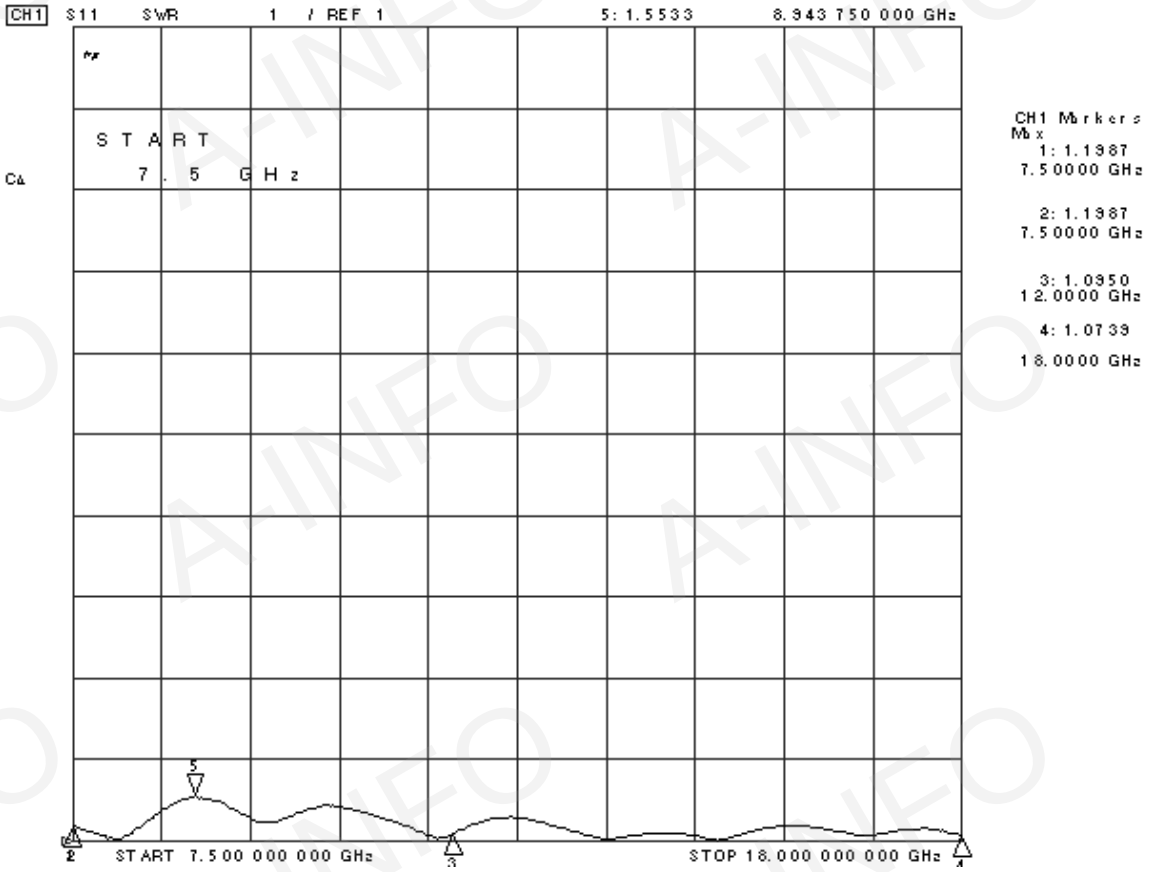


Test Results

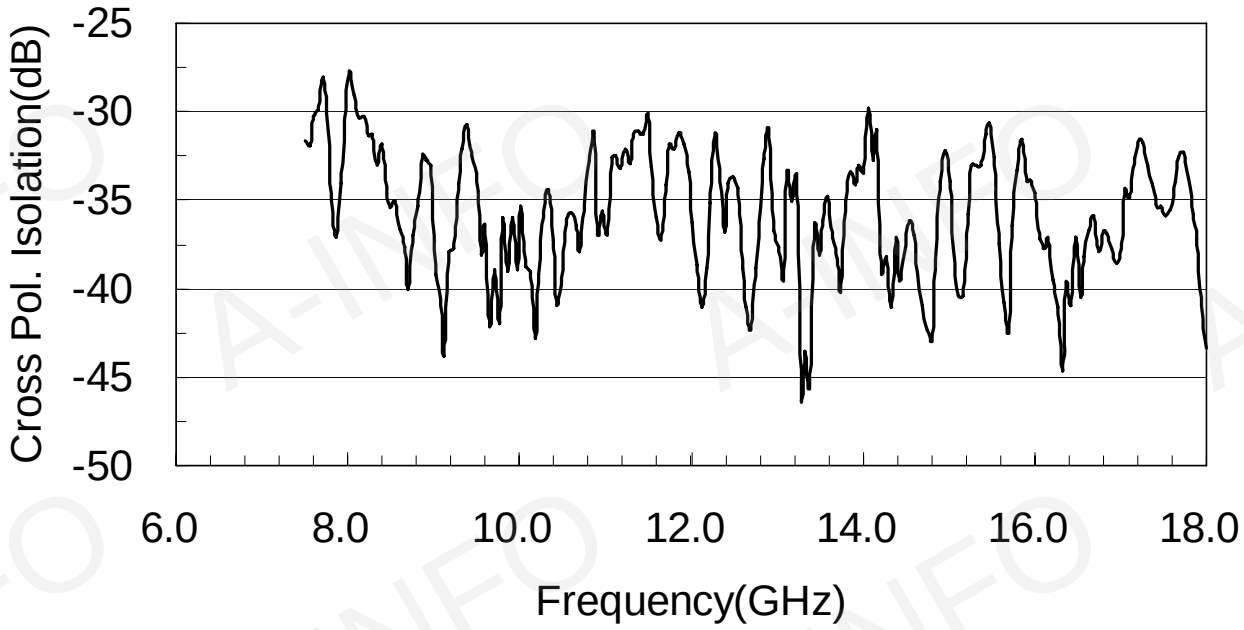
1. Gain



2. VSWR

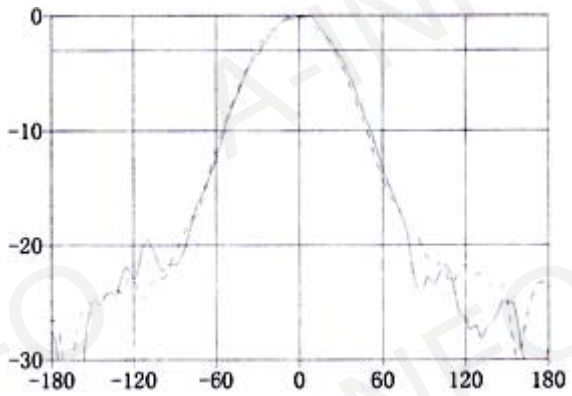


3. Cross Polarization Isolation



4. Pattern

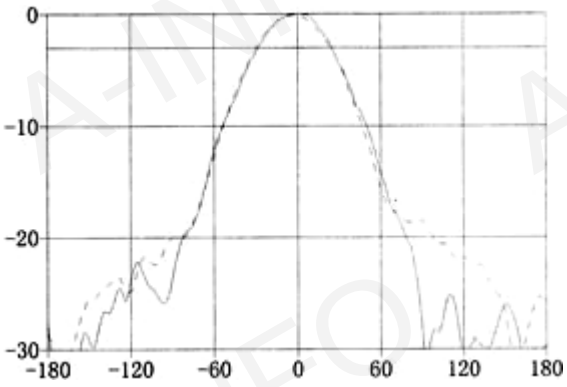
7.5GHz



H-Plane ——— E-Plane - - - - -

3dB Beamwidth (deg): 54.54 3dB Beamwidth (deg): 56.31

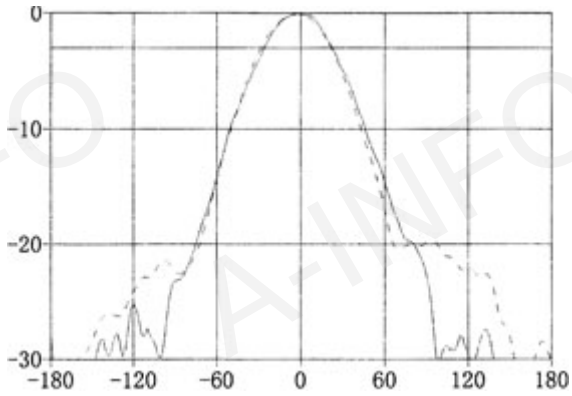
8.0GHz



H-Plane ——— E-Plane - - - - -

3dB Beamwidth (deg): 53.00 3dB Beamwidth (deg): 53.65

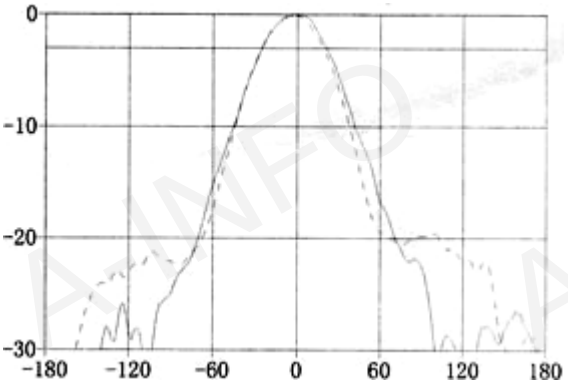
8.5GHz



H-Plane ——— E-Plane - - - - -

3dB Beamwidth (deg): 48.48 3dB Beamwidth (deg): 49.70

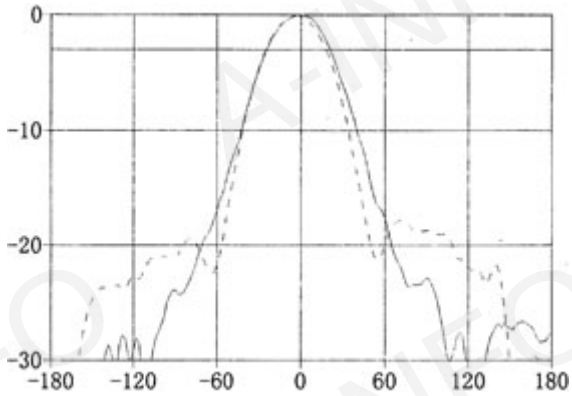
9.0GHz



H-Plane ——— E-Plane - - - - -

3dB Beamwidth (deg): 46.30 3dB Beamwidth (deg): 45.07

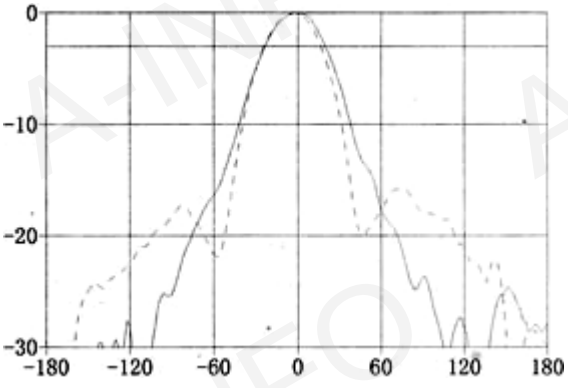
9.5GHz



H-Plane ——— E-Plane - - - - -

3dB Beamwidth (deg): 44.85 3dB Beamwidth (deg): 43.12

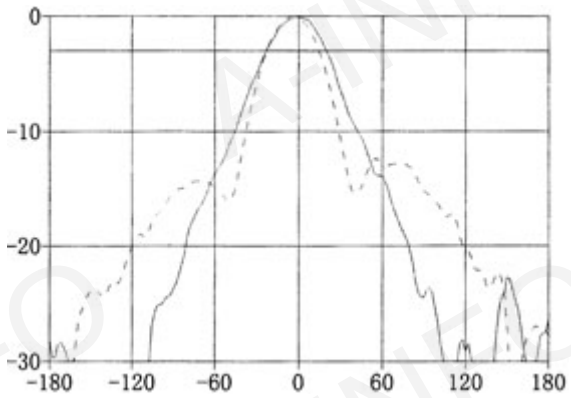
10.0GHz



H-Plane ——— E-Plane - - - - -

3dB Beamwidth (deg): 43.34 3dB Beamwidth (deg): 40.77

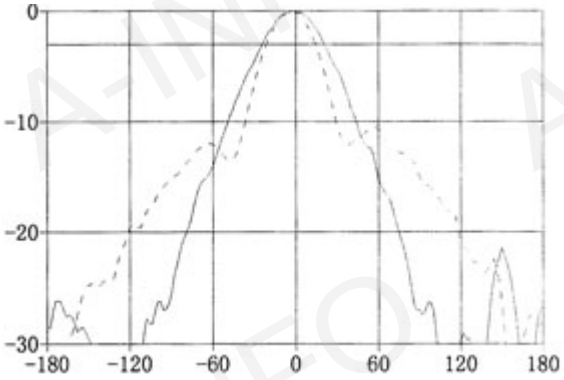
10.5GHz



H-Plane ——— E-Plane - - - - -

3dB Beamwidth (deg): 43.00 3dB Beamwidth (deg): 37.56

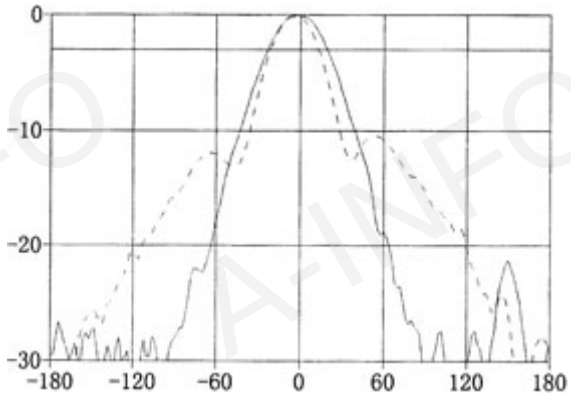
11.0GHz



H-Plane ——— E-Plane - - - - -

3dB Beamwidth (deg): 44.94 3dB Beamwidth (deg): 35.71

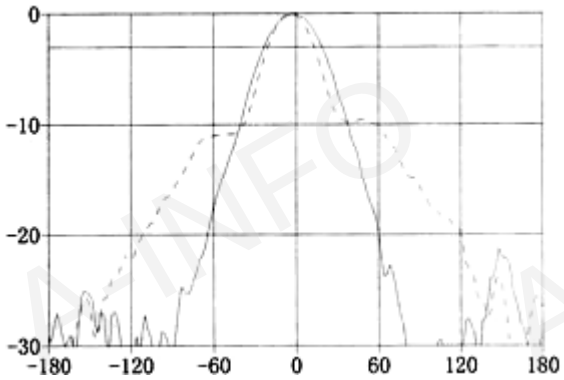
11.5GHz



H-Plane ——— E-Plane - - - - -

3dB Beamwidth (deg): 42.42 3dB Beamwidth (deg): 34.60

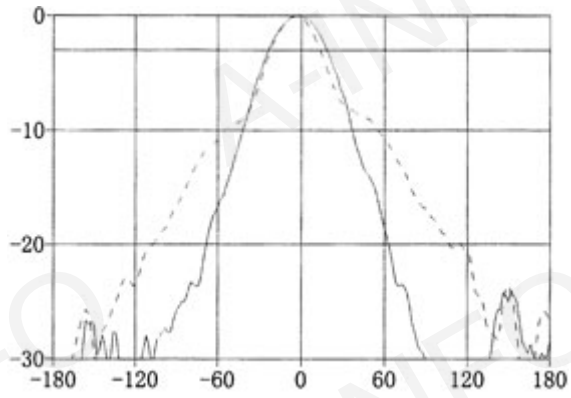
12.0GHz



H-Plane ——— E-Plane - - - - -

3dB Beamwidth (deg): 41.97 3dB Beamwidth (deg): 33.81

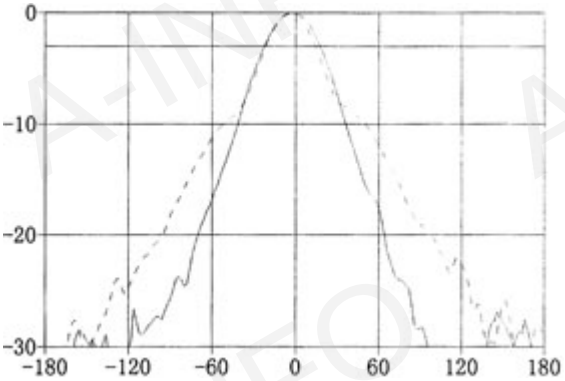
12.5GHz



H-Plane ——— E-Plane - - - - -

3dB Beamwidth (deg): 41.83 3dB Beamwidth (deg): 35.72

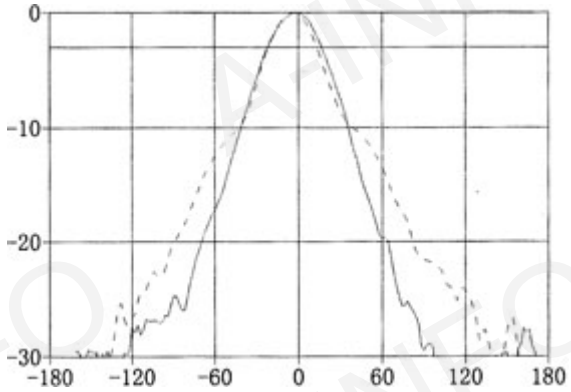
13.0GHz



H-Plane ——— E-Plane - - - - -

3dB Beamwidth (deg): 40.11 3dB Beamwidth (deg): 35.85

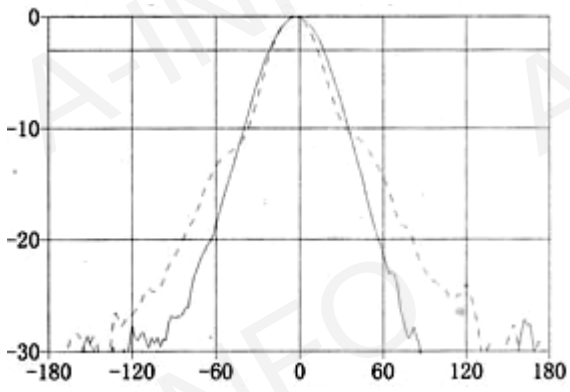
13.5GHz



H-Plane ——— E-Plane - - - - -

3dB Beamwidth (deg): 38.57 3dB Beamwidth (deg): 34.97

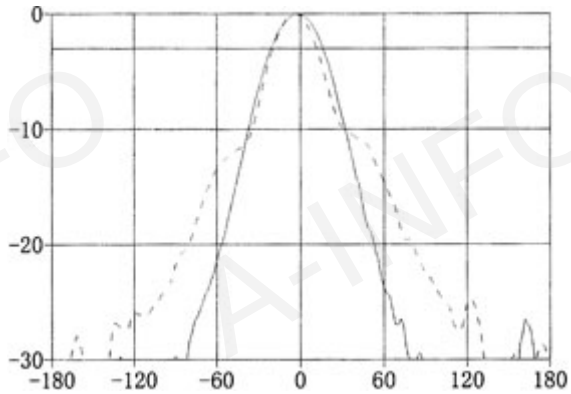
14.0GHz



H-Plane ——— E-Plane - - - - -

3dB Beamwidth (deg): 38.82 3dB Beamwidth (deg): 33.38

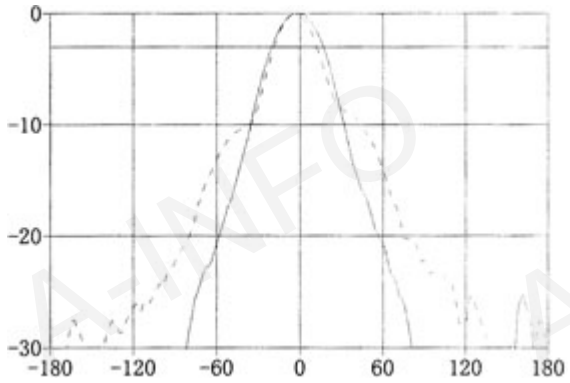
14.5GHz



H-Plane ——— E-Plane - - - - -

3dB Beamwidth (deg): 37.18 3dB Beamwidth (deg): 31.32

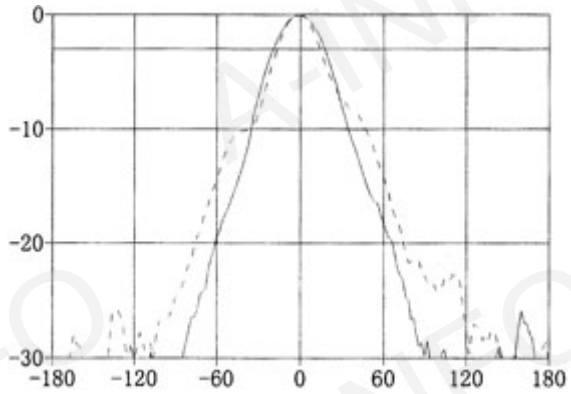
15.0GHz



H-Plane ——— E-Plane - - - - -

3dB Beamwidth (deg): 37.25 3dB Beamwidth (deg): 30.52

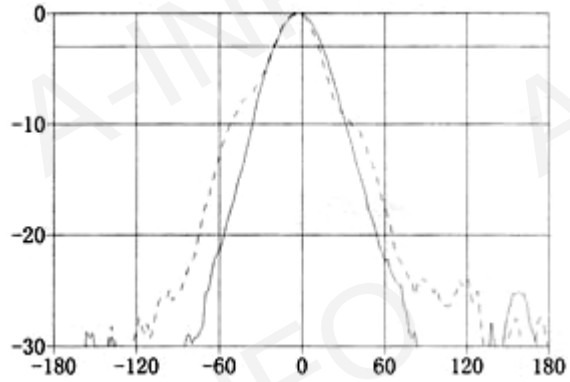
15.5GHz



H-Plane ——— E-Plane - - - - -

3dB Beamwidth (deg): 37.09 3dB Beamwidth (deg): 31.07

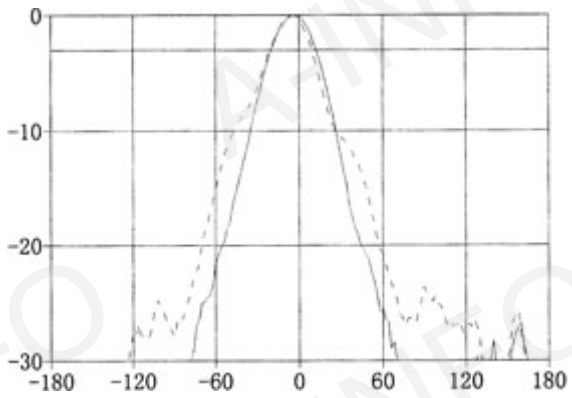
16.0GHz



H-Plane ——— E-Plane - - - - -

3dB Beamwidth (deg): 34.70 3dB Beamwidth (deg): 32.48

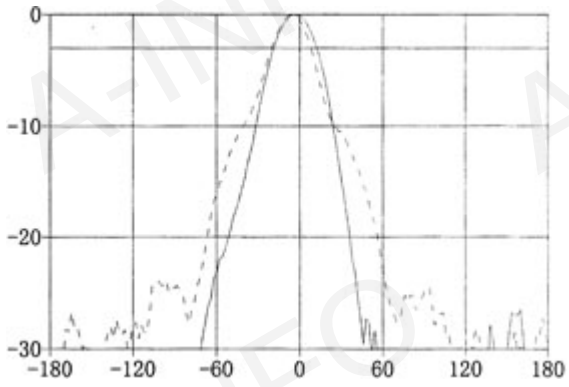
16.5GHz



H-Plane ——— E-Plane - - - - -

3dB Beamwidth (deg): 32.41 3dB Beamwidth (deg): 30.39

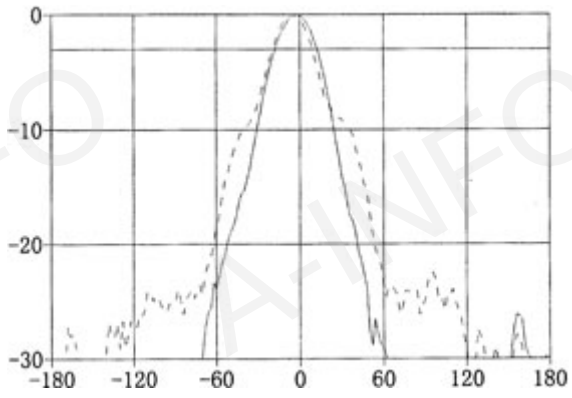
17.0GHz



H-Plane ——— E-Plane - - - - -

3dB Beamwidth (deg): 31.26 3dB Beamwidth (deg): 28.51

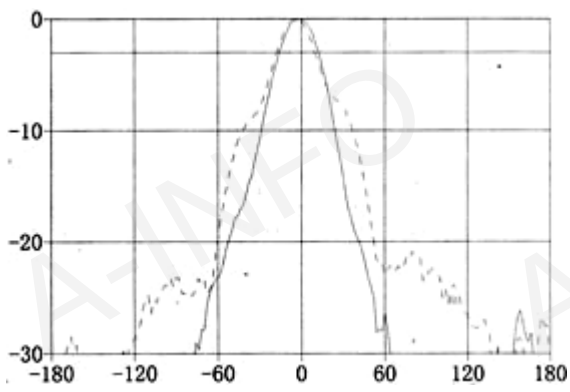
17.5GHz



H-Plane ——— E-Plane - - - - -

3dB Beamwidth (deg): 30.08 3dB Beamwidth (deg): 28.27

18.0GHz



H-Plane ——— E-Plane - - - - -

3dB Beamwidth (deg): 28.22 3dB Beamwidth (deg): 27.53