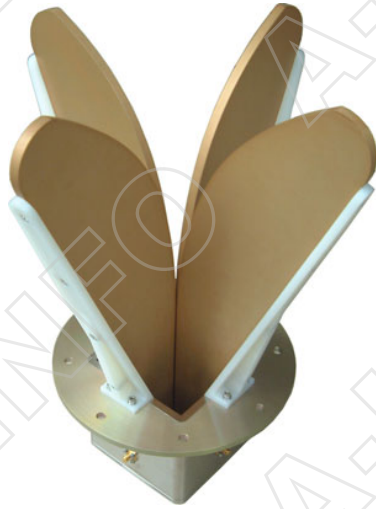
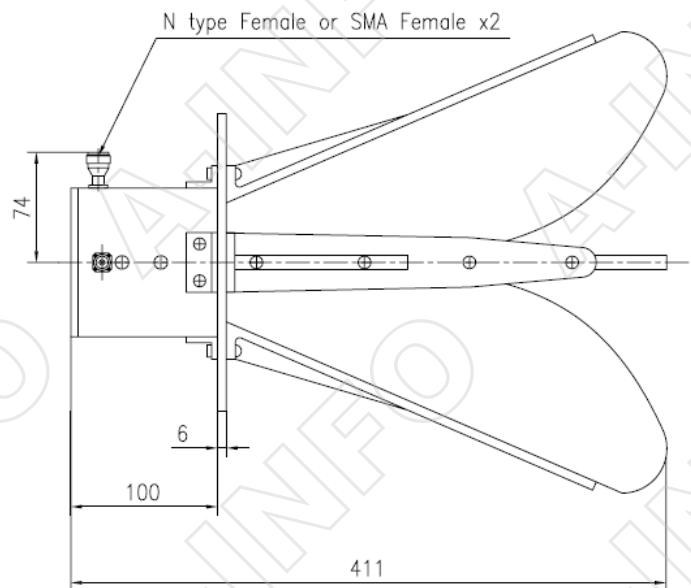
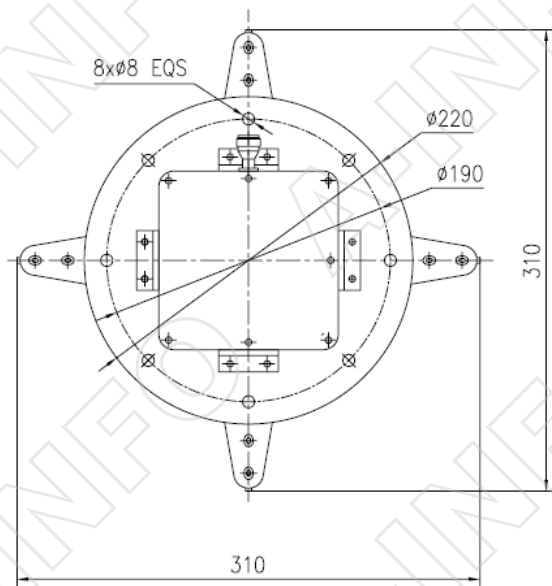


Technical Specification



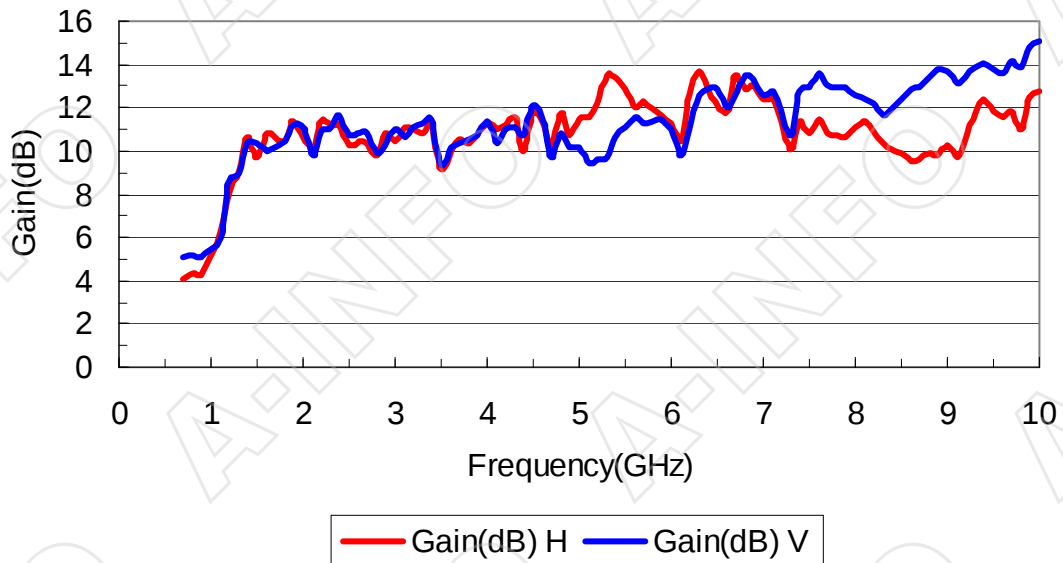
Frequency Range(GHz)	0.7 - 10.0	
Gain(dB)	11 Typ.	
Polarization	Dual Pol.	
VSWR	2.0:1 Typ.	
3dB Beamwidth(deg)	120-15	
Port to Port Isolation(dB)	20 min.	
Connector	SMA-F / N-F	
Power Handling(W)	SMA-F	50 Max. CW
	N-F	50 Max. CW
Size(mm)	310x310x411	
Net Weight(Kg)	5.0 Around	

Outline Drawing (Size: mm)

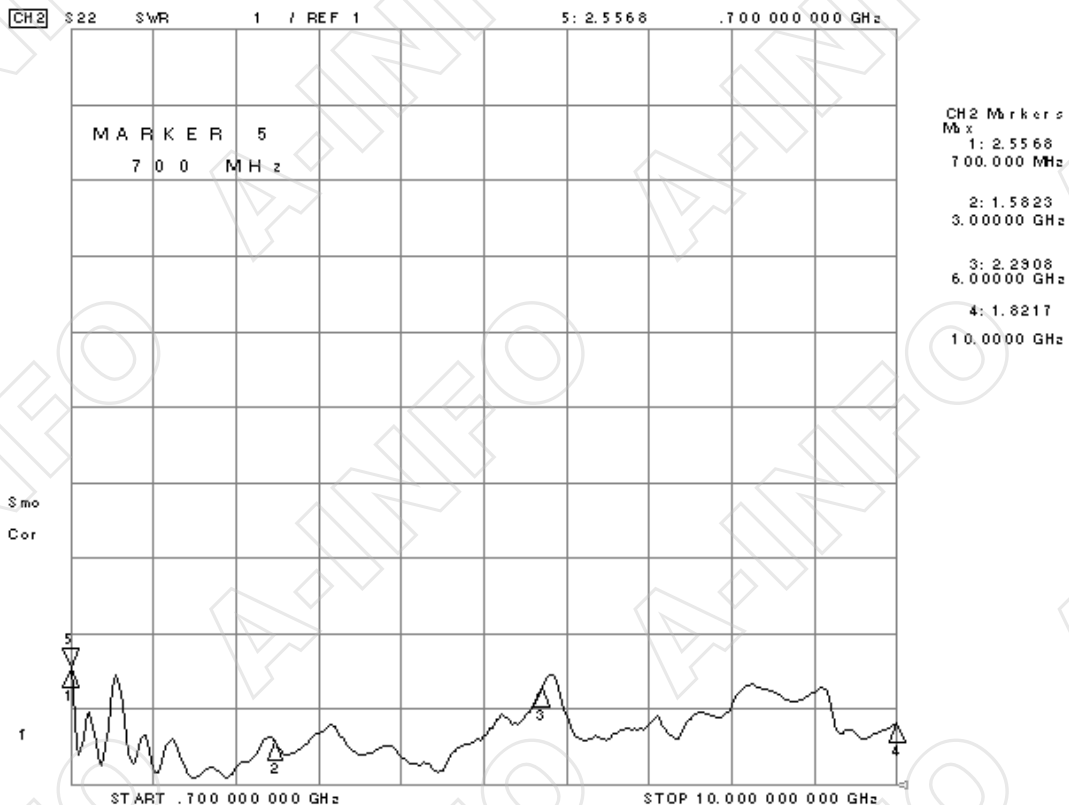


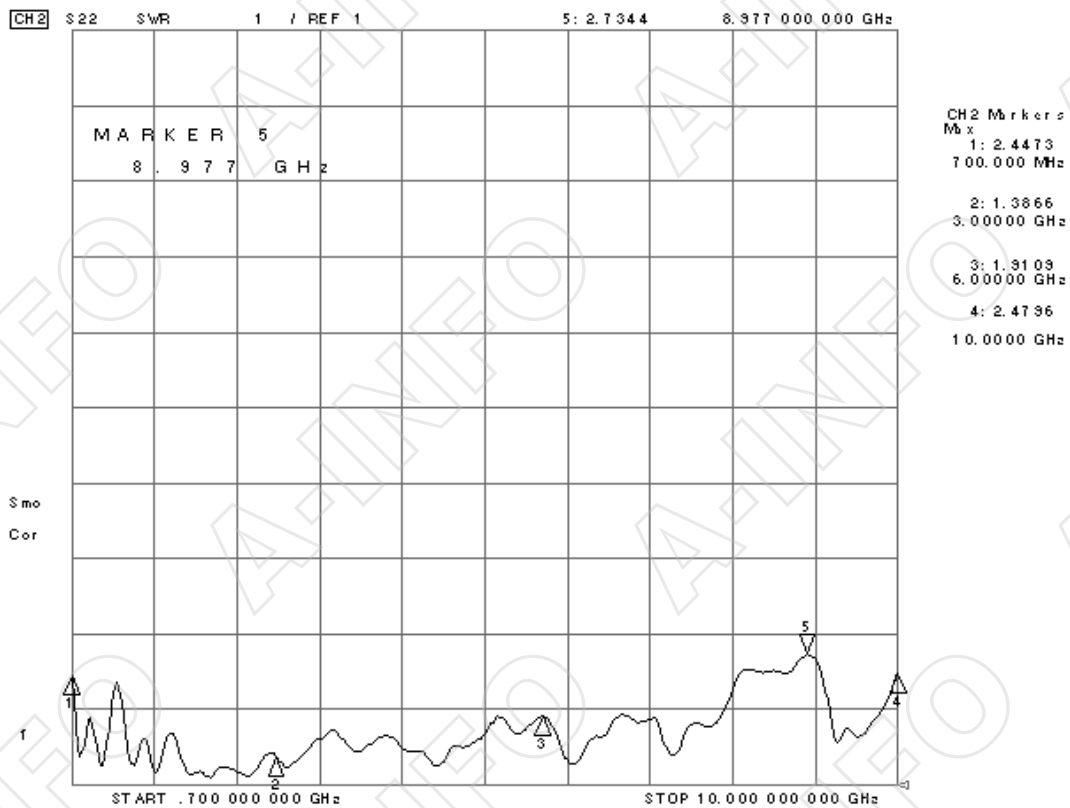
Test Results

1. Gain

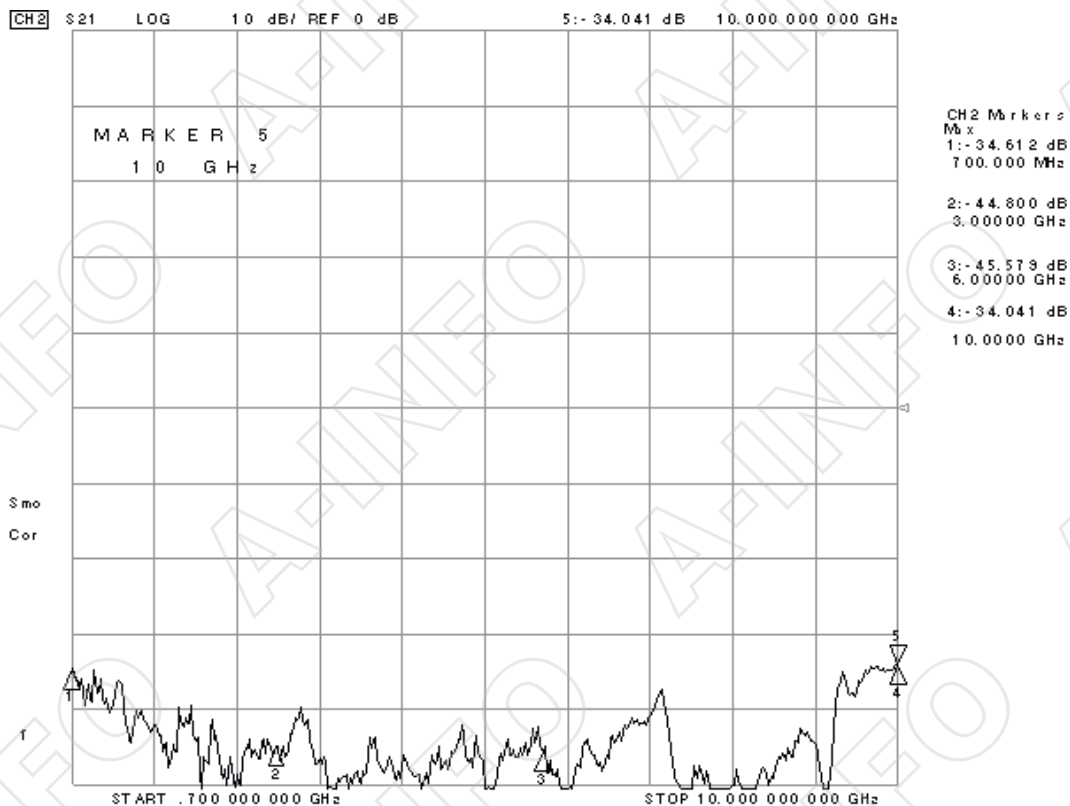


2. VSWR H Port



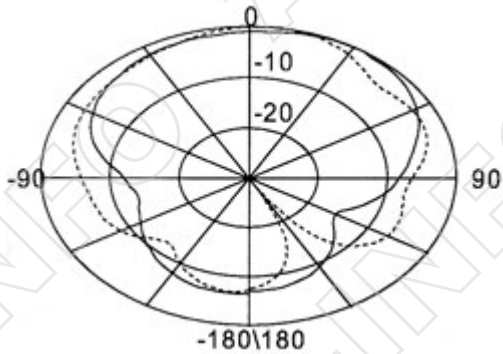
V Port


3. Port to Port Isolation



4. Pattern

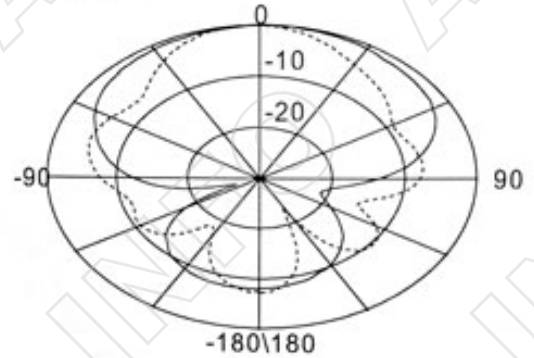
Frequency: 0.7GHz



H-Plane ——— E-Plane - - - - -

3dB Beamwidth(deg):115.11 3dB Beamwidth(deg): 103.24

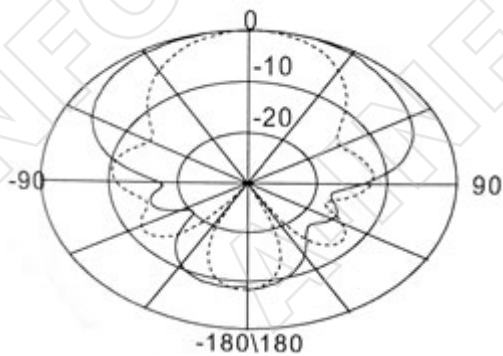
Frequency: 0.8GHz



H-Plane ——— E-Plane - - - - -

3dB Beamwidth(deg): 120.57 3dB Beamwidth(deg): 51.39

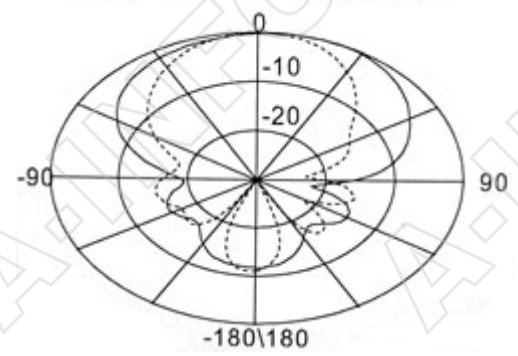
Frequency: 0.9GHz



H-Plane ——— E-Plane - - - - -

3dB Beamwidth(deg):110.86 3dB Beamwidth(deg): 49.11

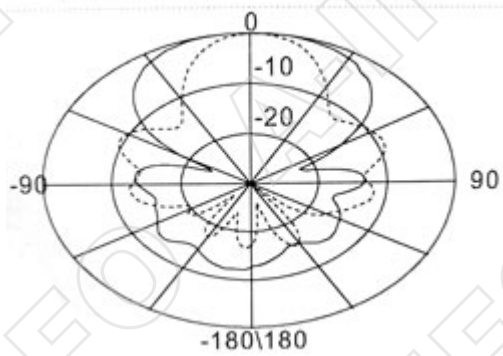
Frequency: 1.0GHz



H-Plane ——— E-Plane - - - - -

3dB Beamwidth(deg): 96.07 3dB Beamwidth(deg): 51.40

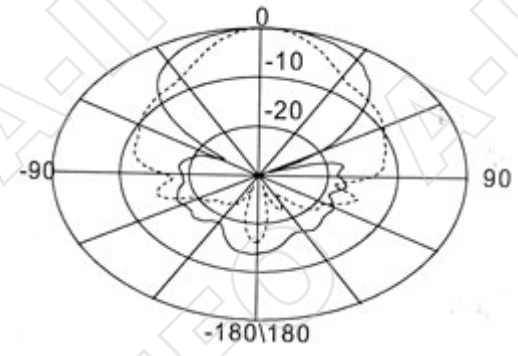
Frequency: 1.5GHz



H-Plane ——— E-Plane - - - - -

3dB Beamwidth(deg):73.98 3dB Beamwidth(deg): 33.91

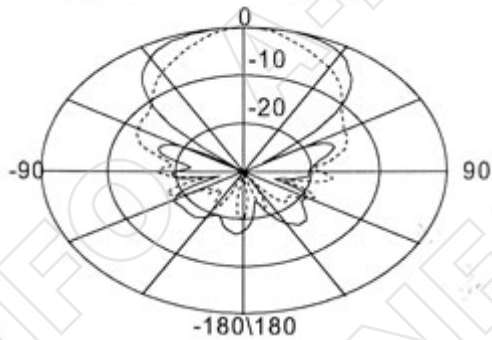
Frequency: 1.8GHz



H-Plane ——— E-Plane - - - - -

3dB Beamwidth(deg): 60.59 3dB Beamwidth(deg): 33.55

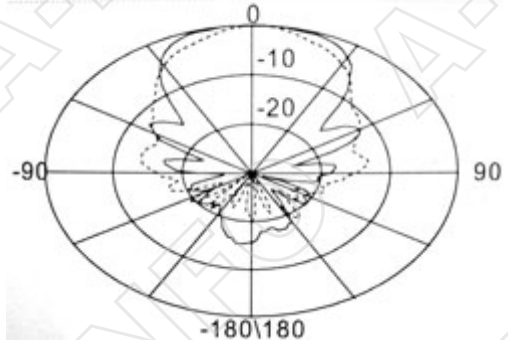
Frequency: 2.0GHz



H-Plane ——— E-Plane - - - - -

3dB Beamwidth(deg):65.47 3dB Beamwidth(deg): 37.27

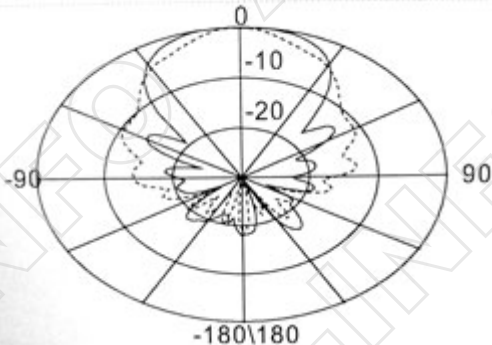
Frequency: 2.4GHz



H-Plane ——— E-Plane - - - - -

3dB Beamwidth(deg): 58.88 3dB Beamwidth(deg): 46.26

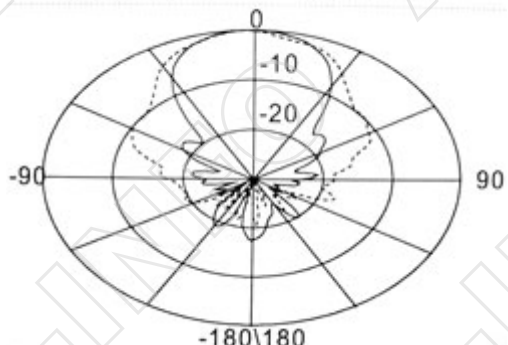
Frequency: 2.5GHz



H-Plane ——— E-Plane - - - - -

3dB Beamwidth(deg):56.28 3dB Beamwidth(deg): 40.35

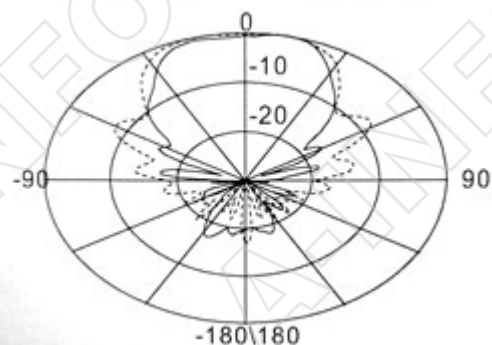
Frequency: 3.0GHz



H-Plane ——— E-Plane - - - - -

3dB Beamwidth(deg): 43.37 3dB Beamwidth(deg): 50.82

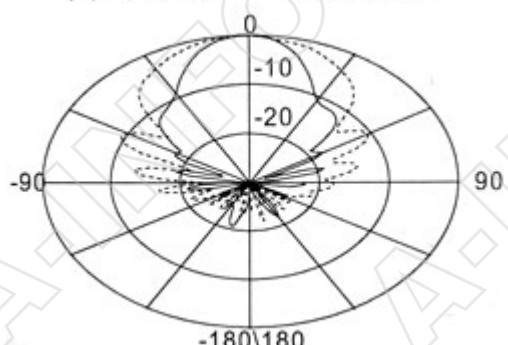
Frequency: 3.5GHz



H-Plane ——— E-Plane - - - - -

3dB Beamwidth(deg):53.66 3dB Beamwidth(deg): 63.42

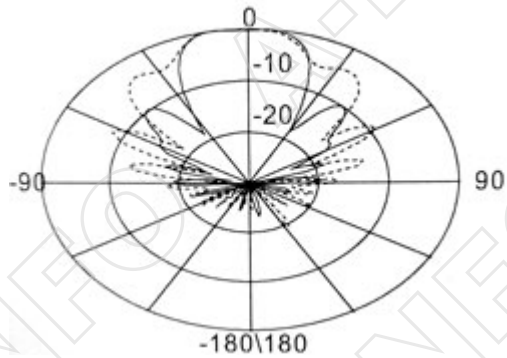
Frequency: 4.0GHz



H-Plane ——— E-Plane - - - - -

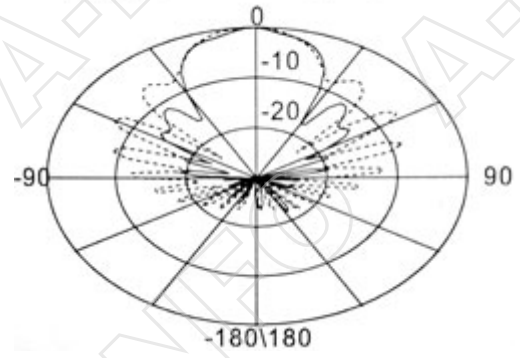
3dB Beamwidth(deg): 30.84 3dB Beamwidth(deg): 55.67

Frequency: 4.5GHz



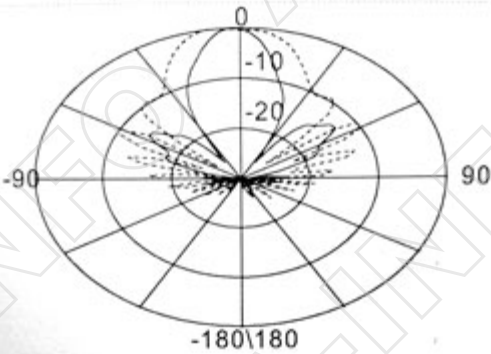
H-Plane ——— E-Plane - - - - -
3dB Beamwidth(deg):38.15 3dB Beamwidth(deg): 38.75

Frequency: 5.0GHz



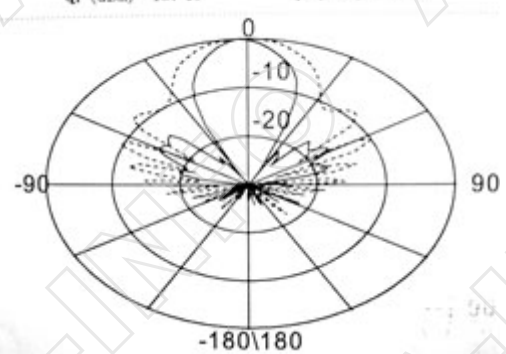
H-Plane ——— E-Plane - - - - -
3dB Beamwidth(deg): 39.29 3dB Beamwidth(deg): 37.07

Frequency: 5.5GHz



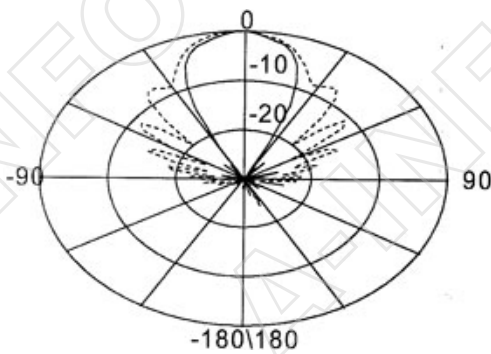
H-Plane ——— E-Plane - - - - -
3dB Beamwidth(deg):17.87 3dB Beamwidth(deg): 36.48

Frequency: 6.0GHz



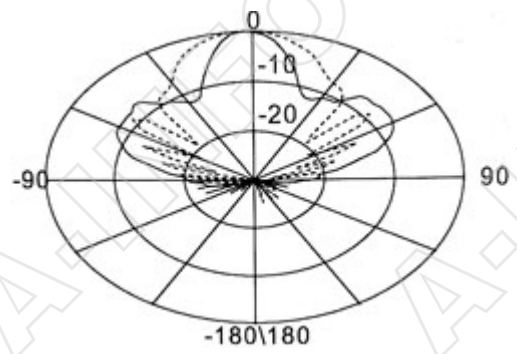
H-Plane ——— E-Plane - - - - -
3dB Beamwidth(deg): 22.81 3dB Beamwidth(deg): 39.27

Frequency: 6.5GHz



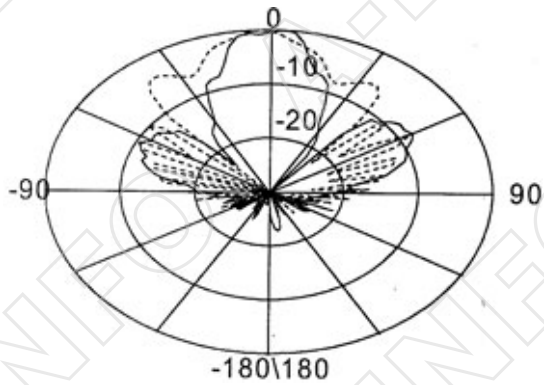
H-Plane ——— E-Plane - - - - -
3dB Beamwidth(deg):31.28 3dB Beamwidth(deg): 35.24

Frequency: 7.0GHz



H-Plane ——— E-Plane - - - - -
3dB Beamwidth(deg): 19.81 3dB Beamwidth(deg): 38.59

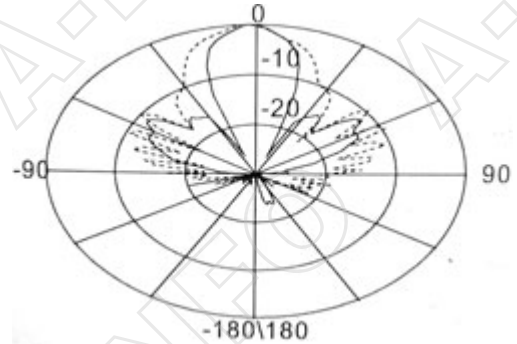
Frequency: 7.5GHz



H-Plane — E-Plane - - - -

3dB Beamwidth(deg):22.45 3dB Beamwidth(deg): 29.13

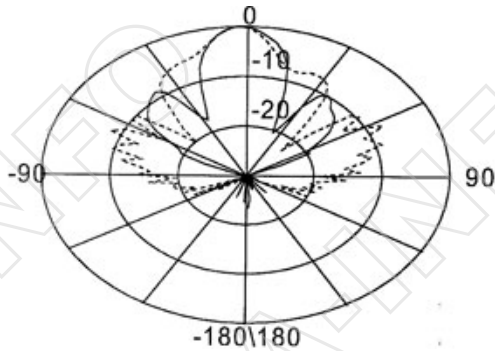
Frequency: 8.0GHz



H-Plane — E-Plane - - - -

3dB Beamwidth(deg): 22.17 3dB Beamwidth(deg): 30.09

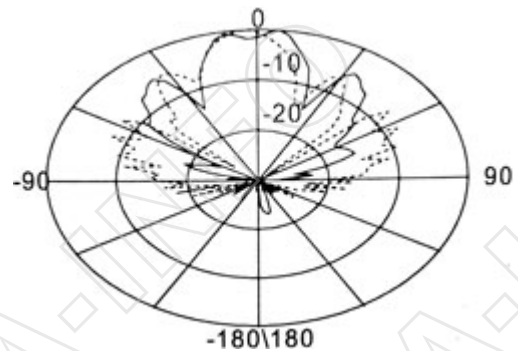
Frequency: 8.5GHz



H-Plane — E-Plane - - - -

3dB Beamwidth(deg):21.17 3dB Beamwidth(deg): 19.04

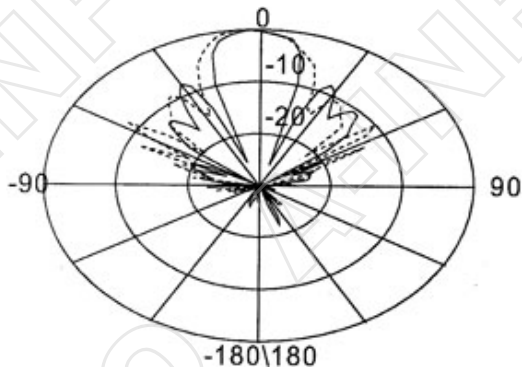
Frequency: 9.0GHz



H-Plane — E-Plane - - - -

3dB Beamwidth(deg):26.26 3dB Beamwidth(deg): 21.16

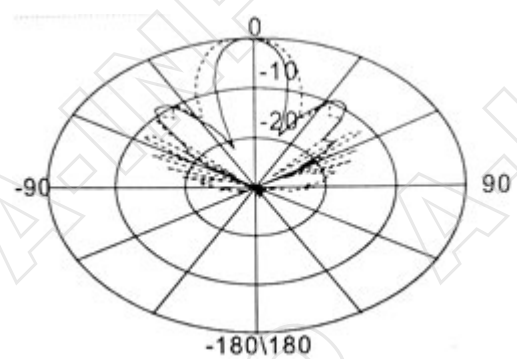
Frequency: 9.5GHz



H-Plane — E-Plane - - - -

3dB Beamwidth(deg):24.81 3dB Beamwidth(deg): 28.45

Frequency: 10.0GHz



H-Plane — E-Plane - - - -

3dB Beamwidth(deg): 17.87 3dB Beamwidth(deg): 25.67