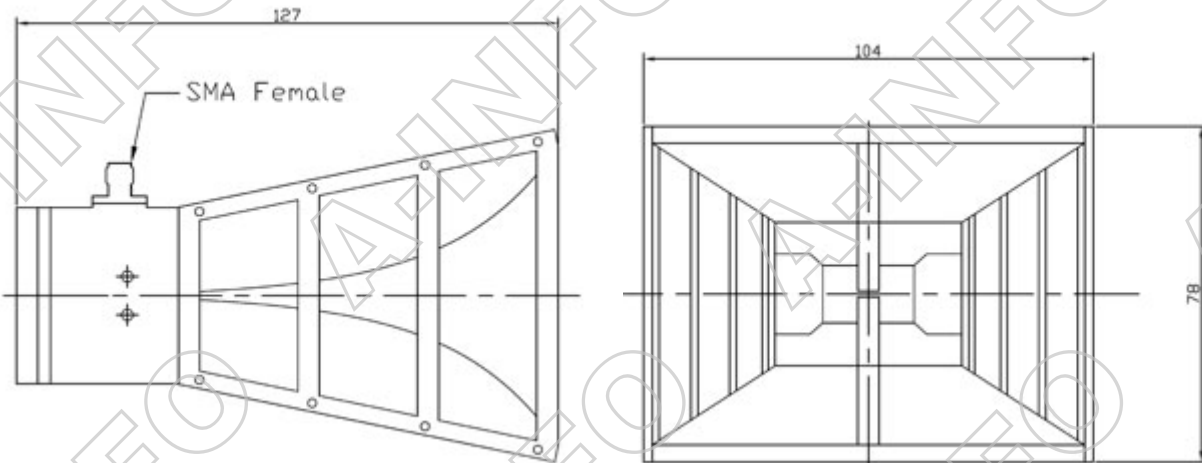


Technical Specification

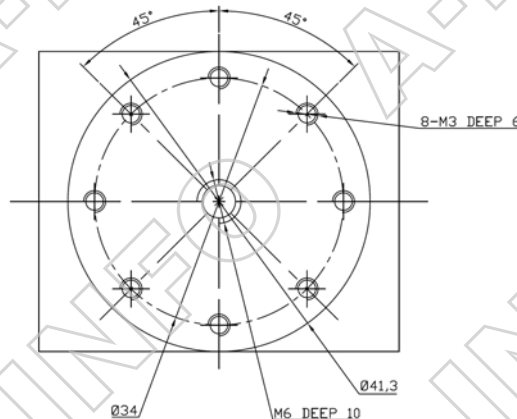


Frequency Range(GHz)	2 - 18	
Gain(dB)	12 Typ.	
Polarization	Linear	
VSWR	1.5:1 Typ.	
	2.5:1 Max.	
Cross Pol. Isolation(dB)	25 Typ.	
Connector	SMA-F / N-F	
Power Handling(W)	SMA-F	50 Max. CW
	N-F	150 Max. CW
Size(mm)	104x78x127	
Net Weight(Kg)	0.4 Around	

Outline Drawing (Size: mm)

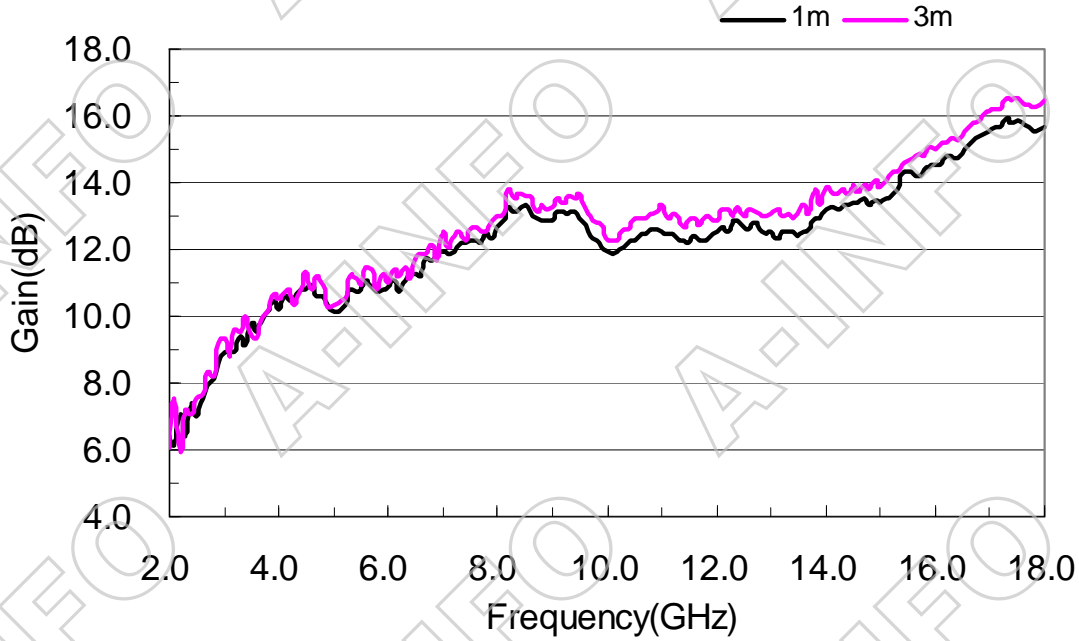


Mounting Flange

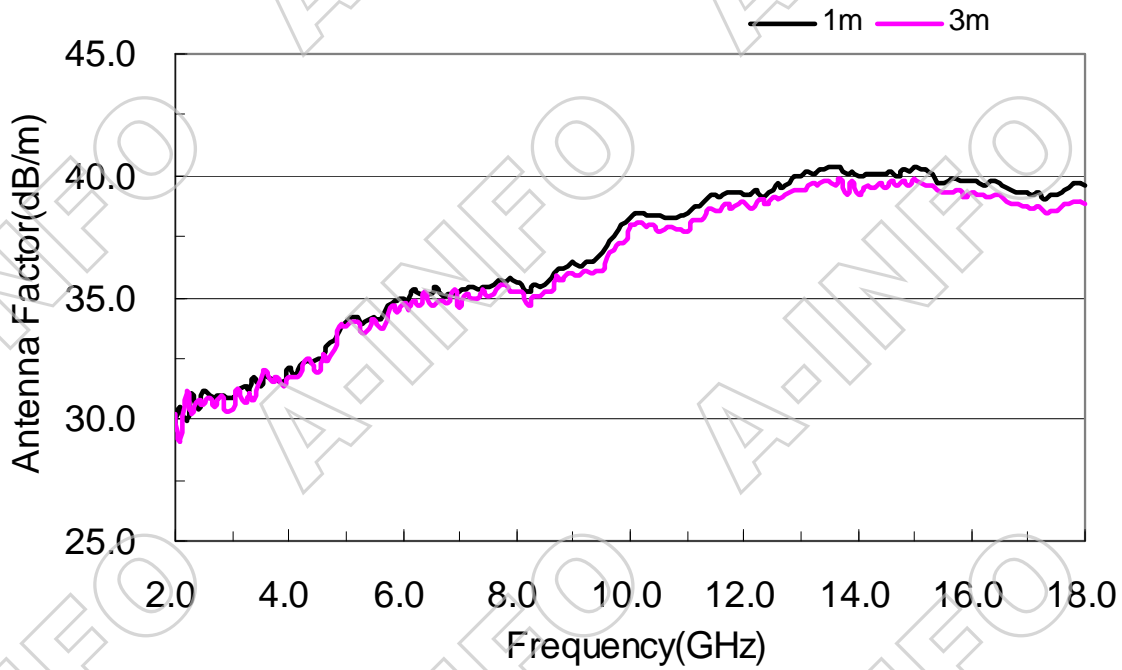


Test Results

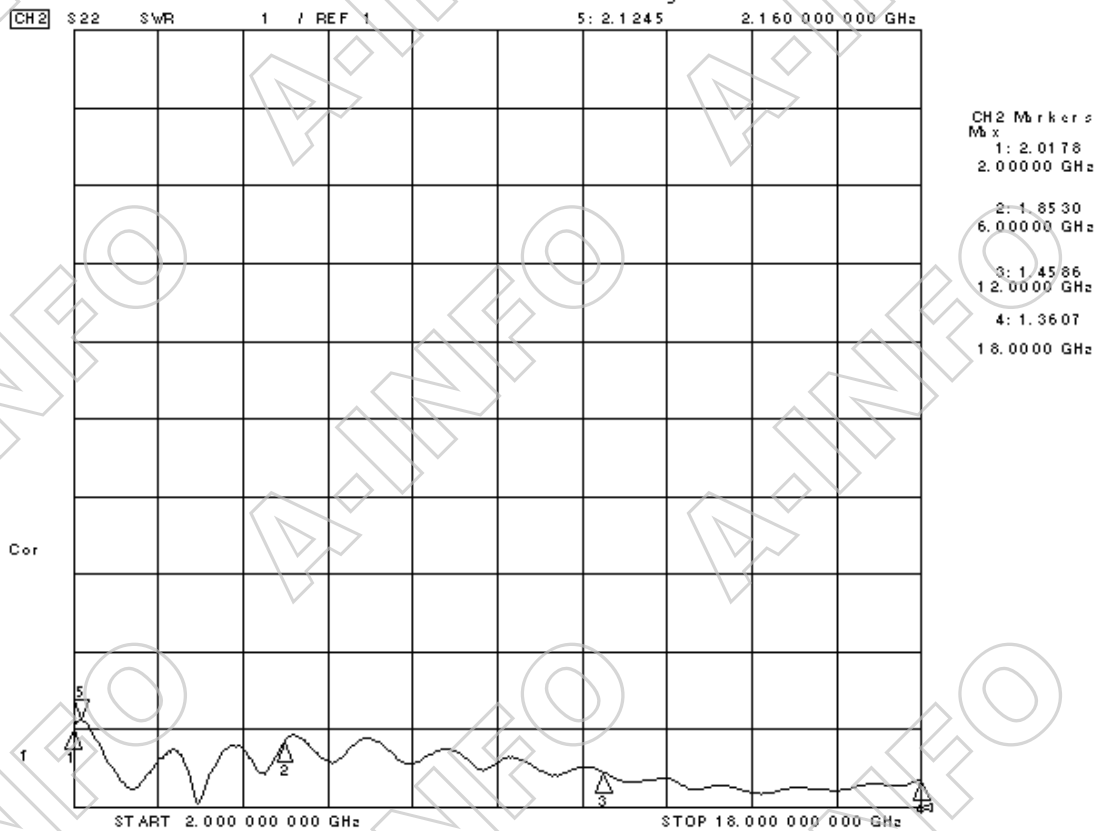
1. Gain



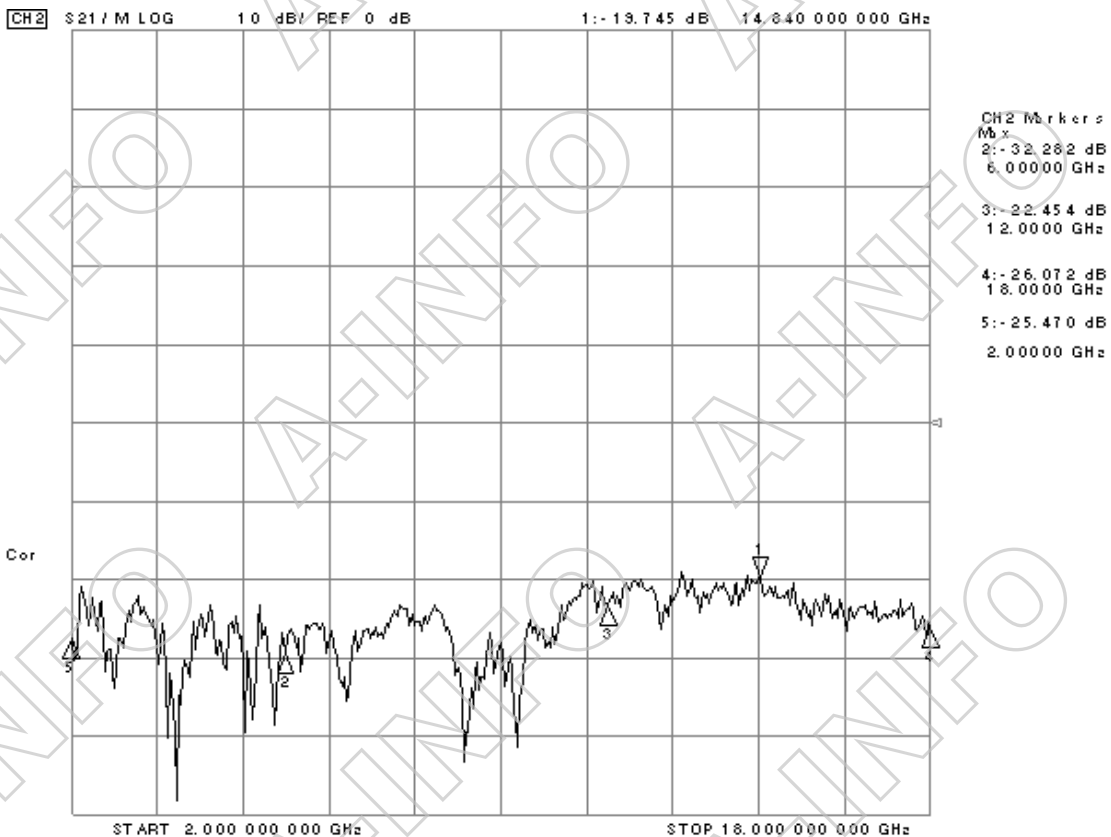
2. Antenna Factor



3. VSWR

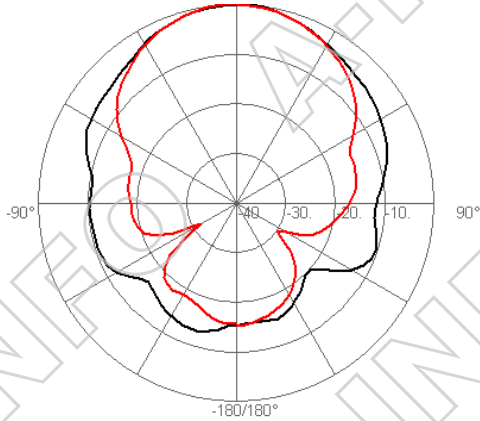


4. Cross Pol. Isolation



5. Pattern

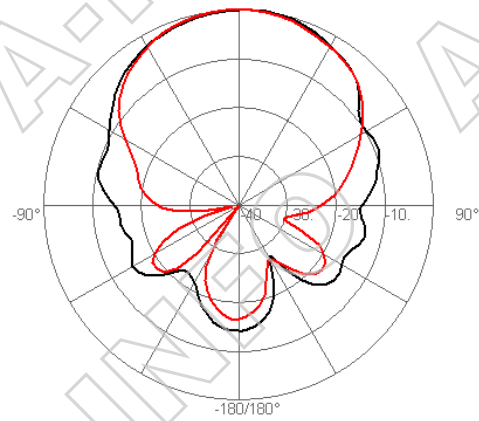
Frequency: 2GHz



H-Plane ——— E-Plane ———

3dB Beamwidth (deg): 56.65 3dB Beamwidth (deg): 58.90

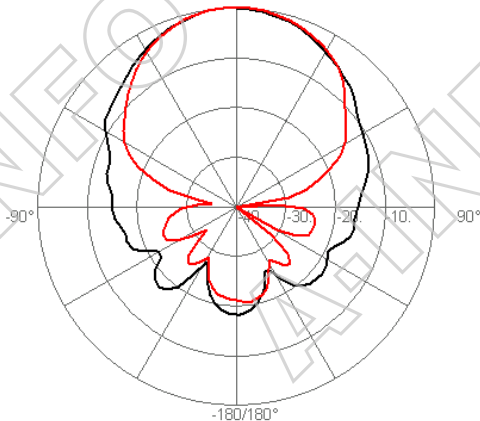
Frequency: 2.5GHz



H-Plane ——— E-Plane ———

3dB Beamwidth (deg): 65.07 3dB Beamwidth (deg): 68.15

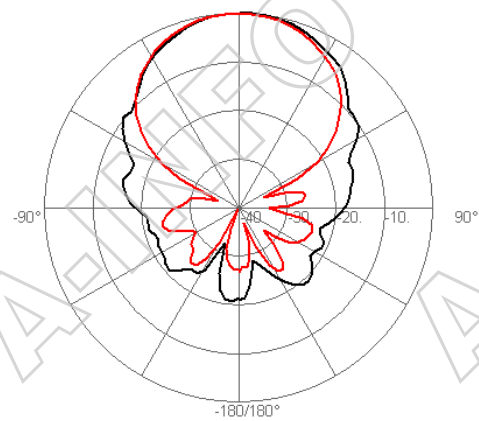
Frequency: 3GHz



H-Plane ——— E-Plane ———

3dB Beamwidth (deg): 52.86 3dB Beamwidth (deg): 52.67

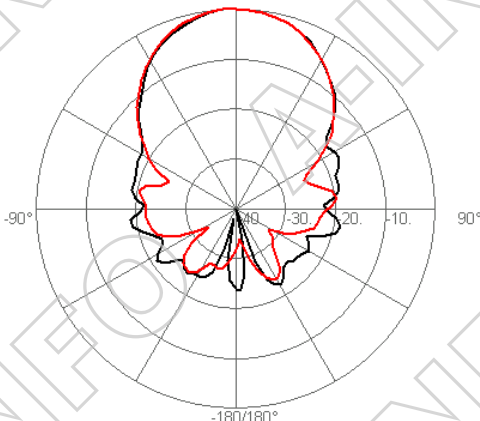
Frequency: 3.5GHz



H-Plane ——— E-Plane ———

3dB Beamwidth (deg): 50.52 3dB Beamwidth (deg): 52.98

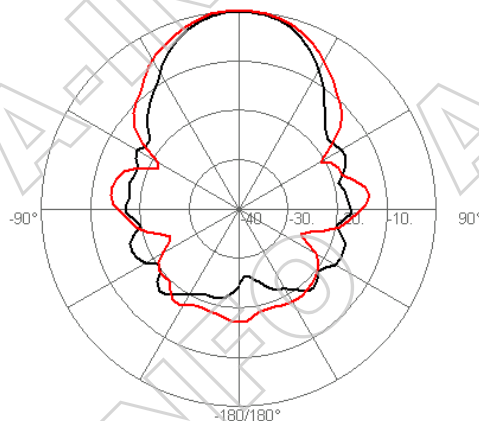
Frequency: 4GHz



H-Plane ——— E-Plane ———

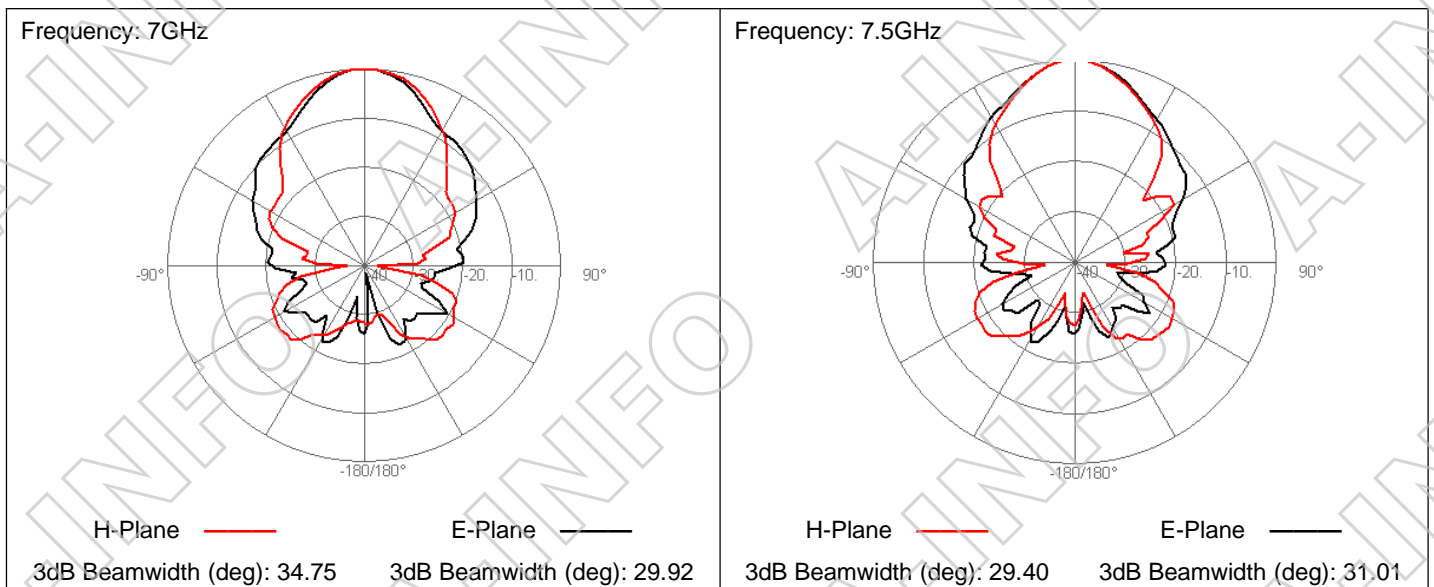
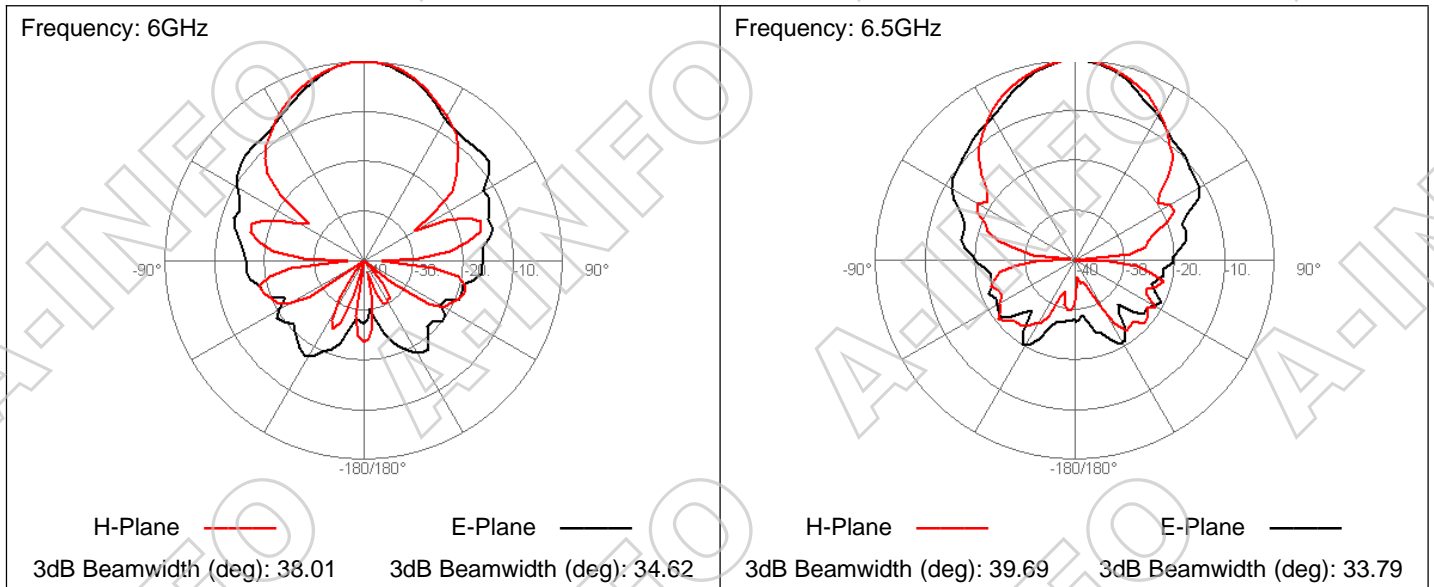
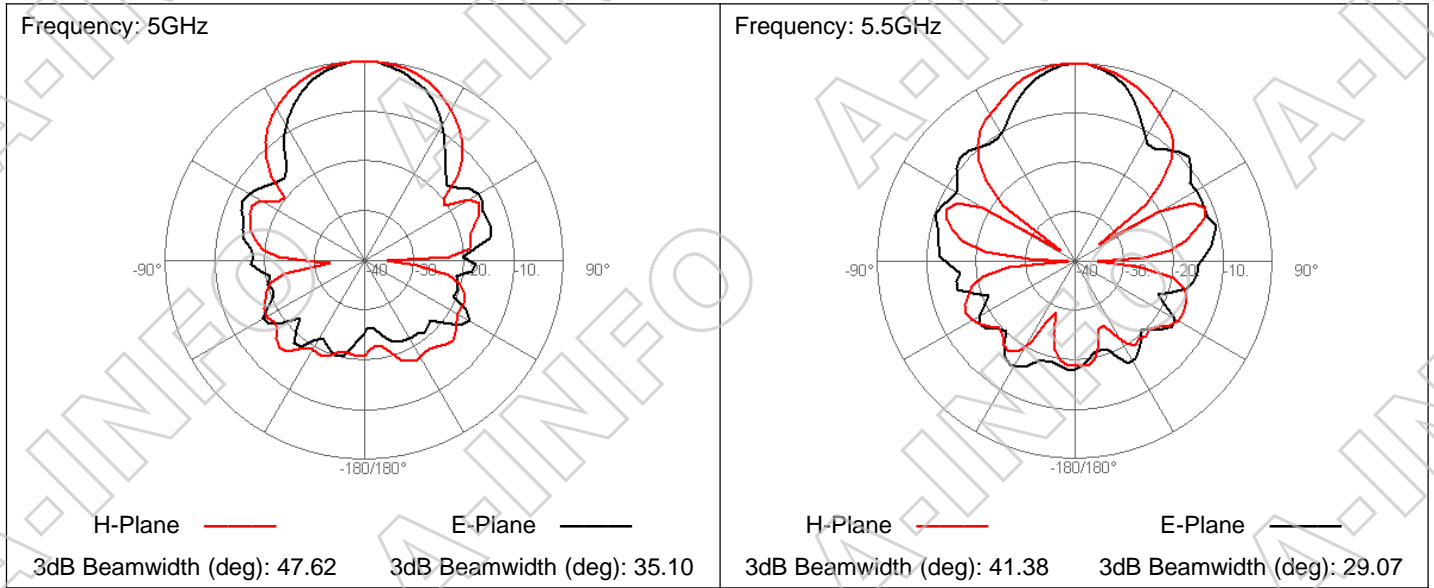
3dB Beamwidth (deg): 44.42 3dB Beamwidth (deg): 43.47

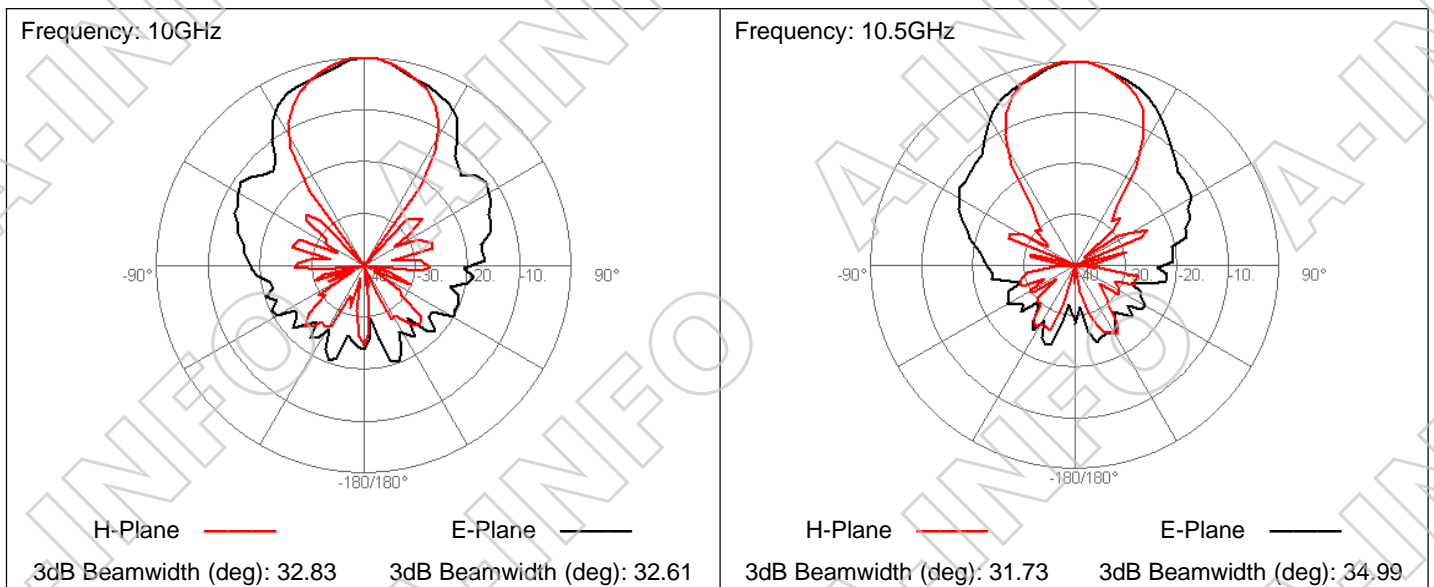
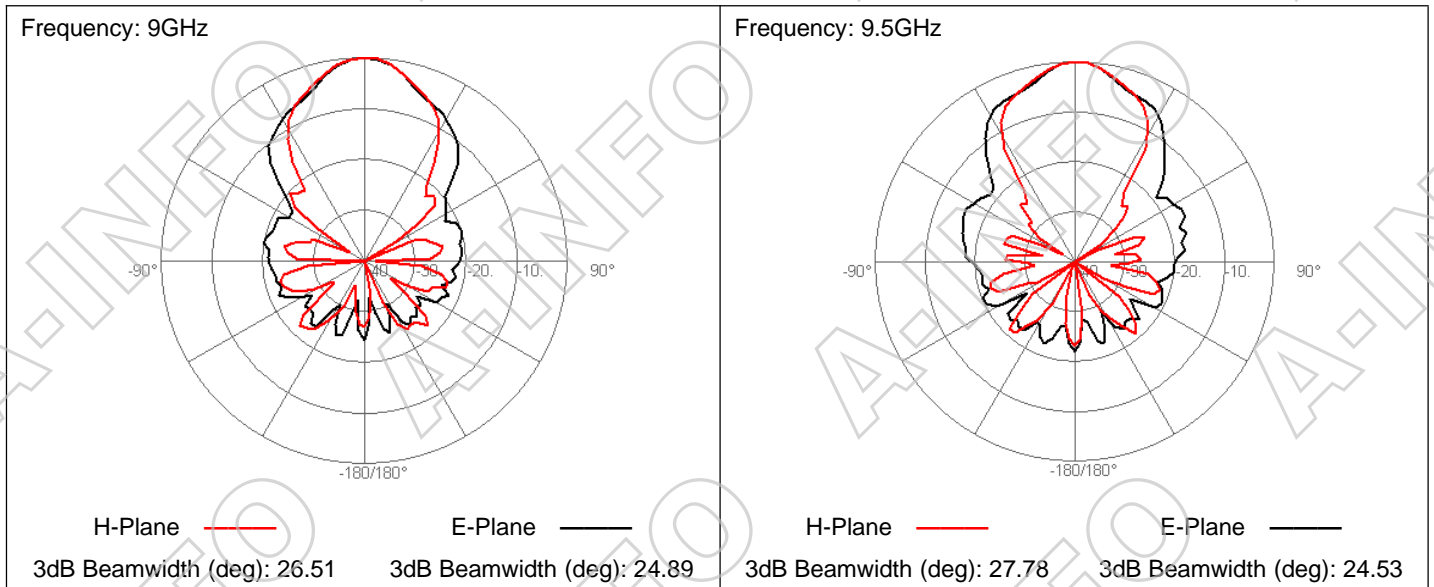
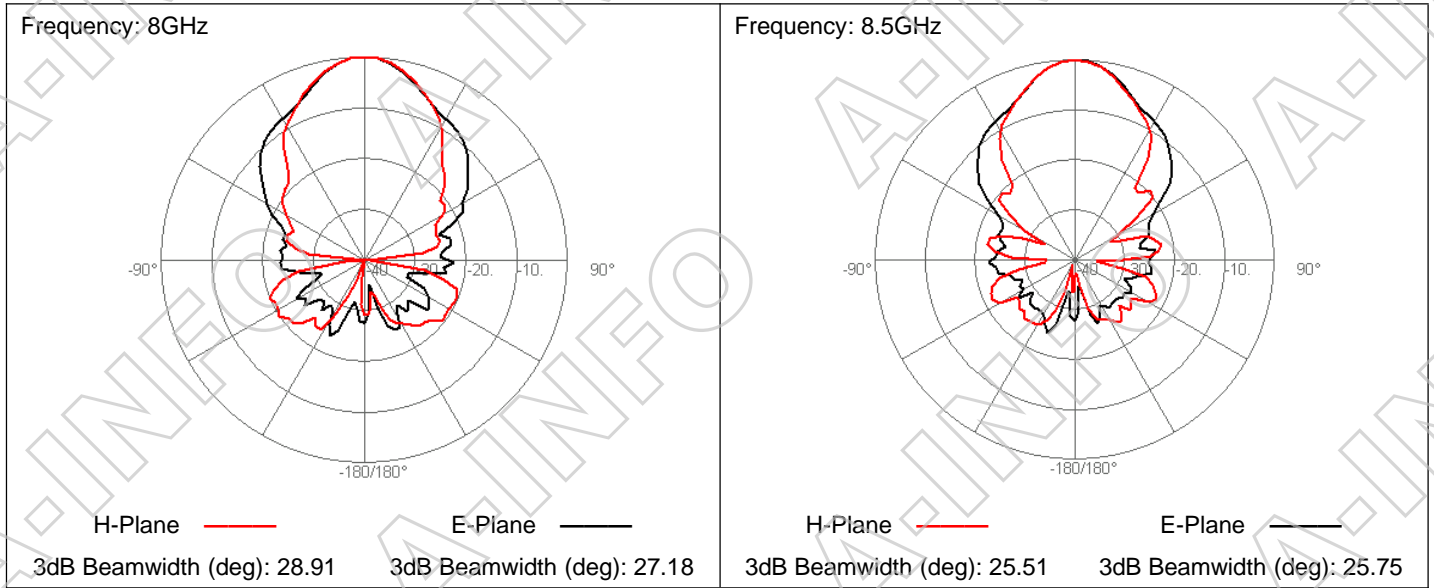
Frequency: 4.5GHz

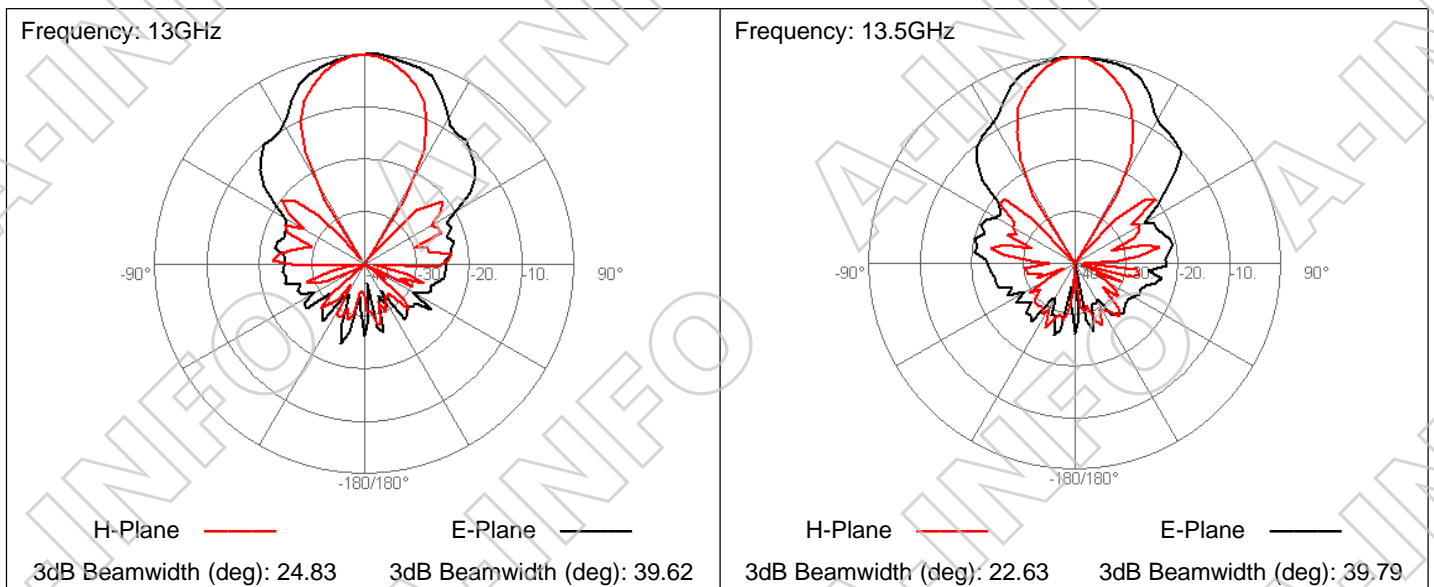
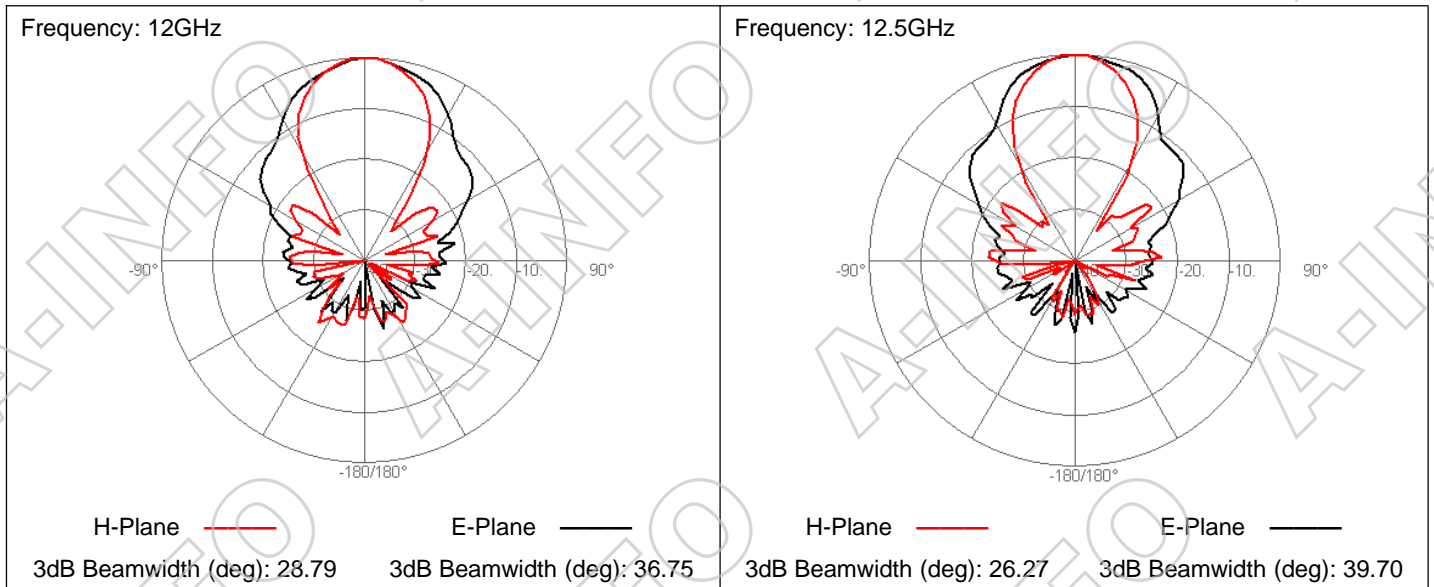
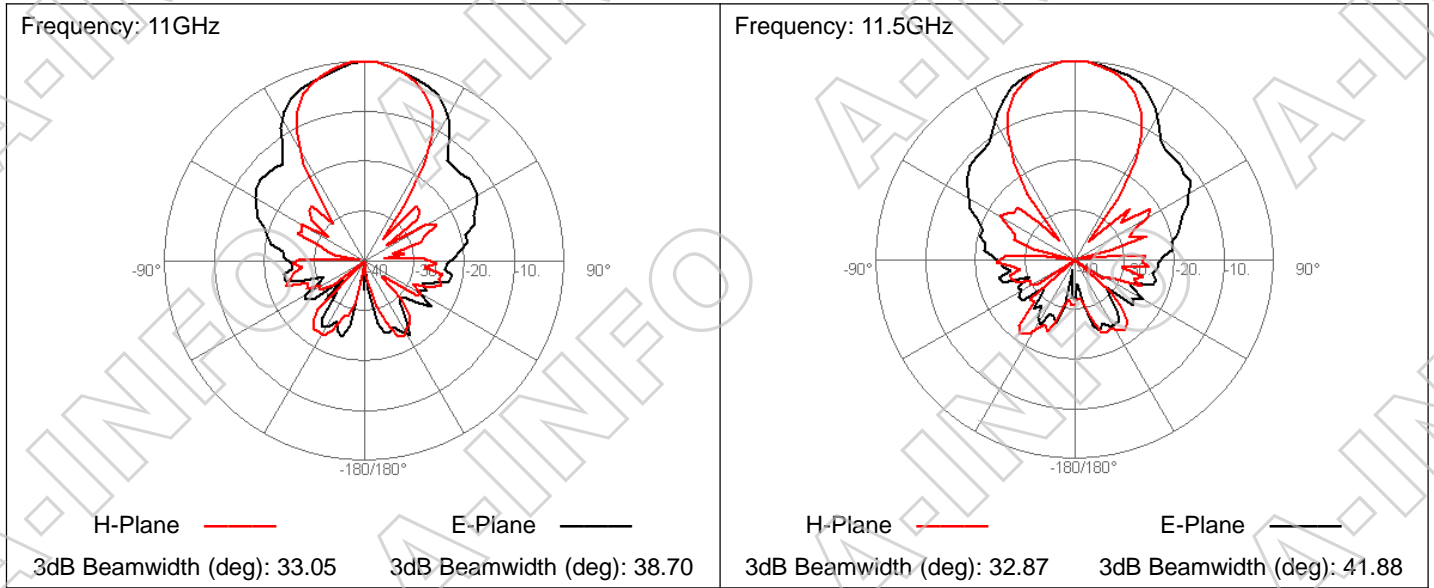


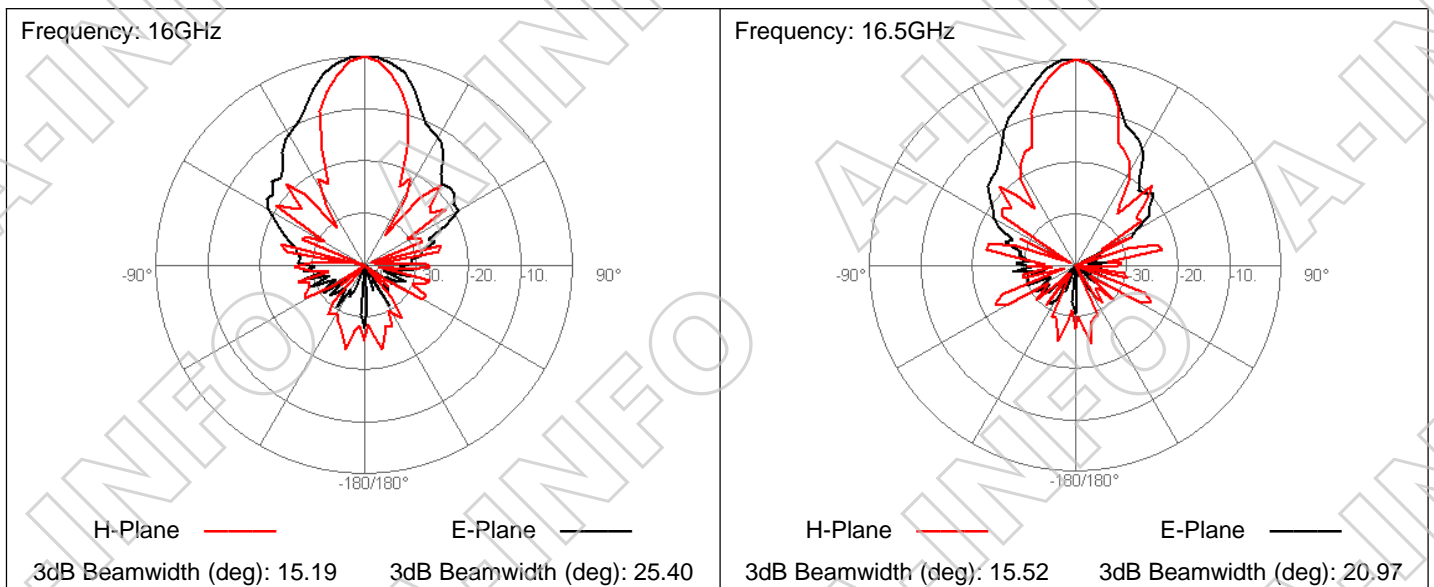
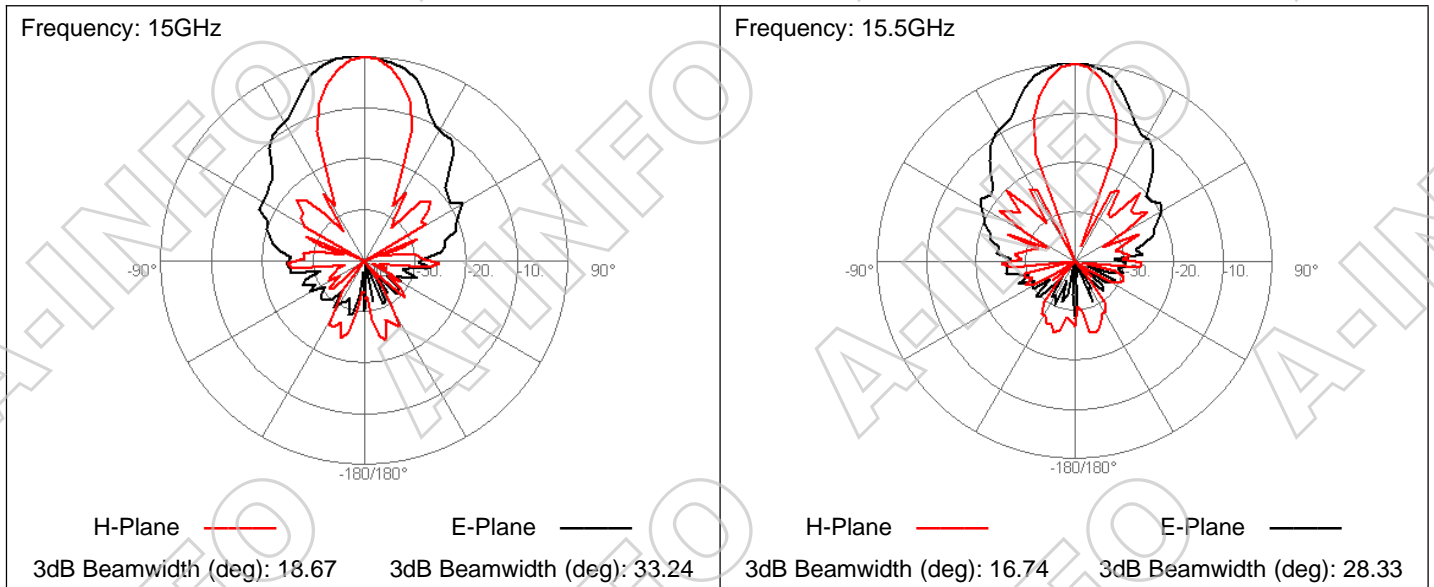
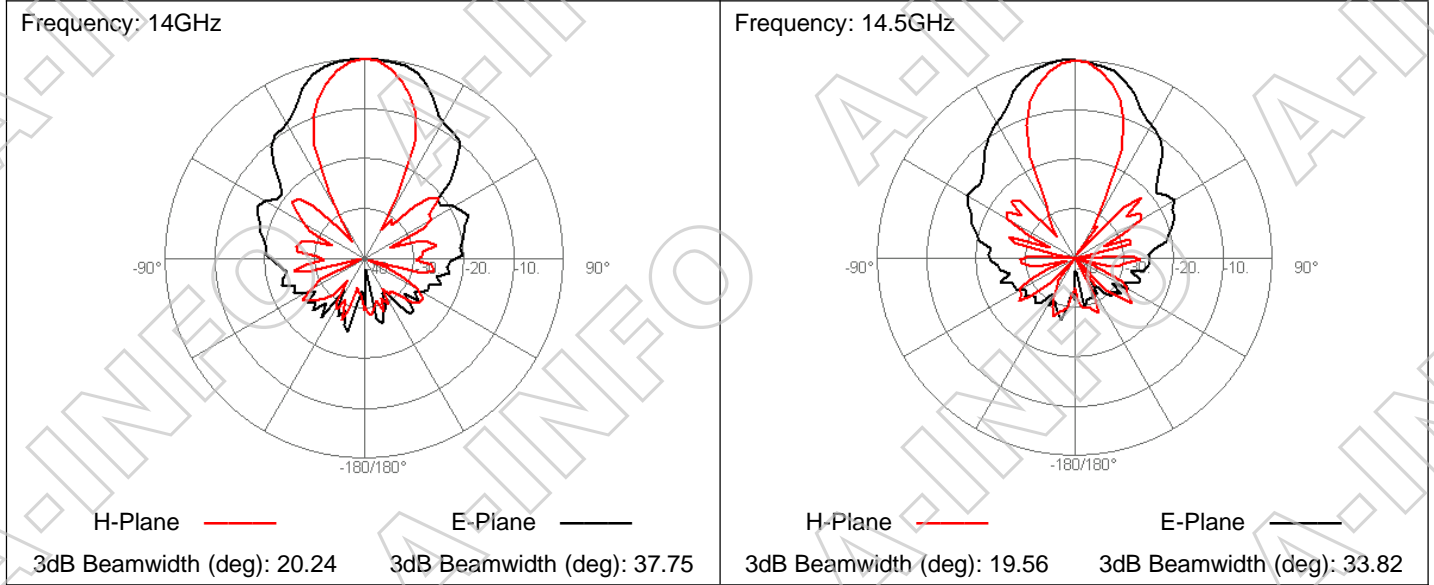
H-Plane ——— E-Plane ———

3dB Beamwidth (deg): 44.71 3dB Beamwidth (deg): 37.83

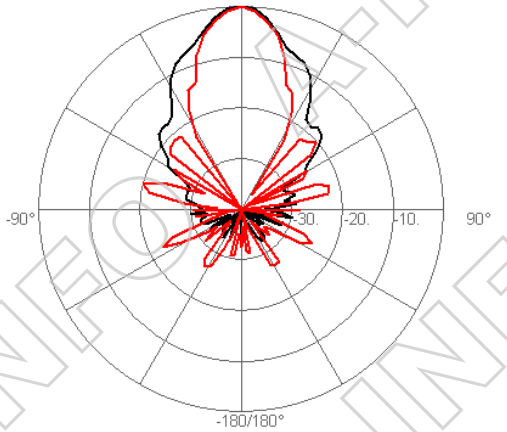






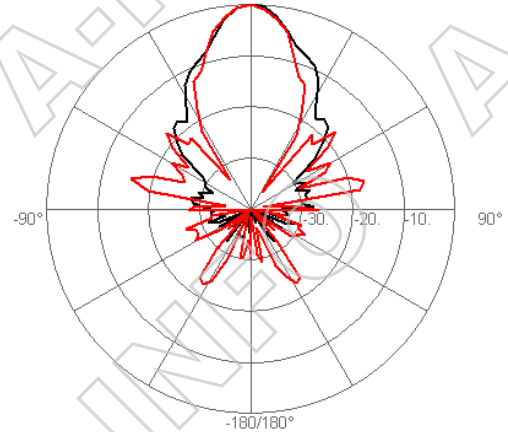


Frequency: 17GHz



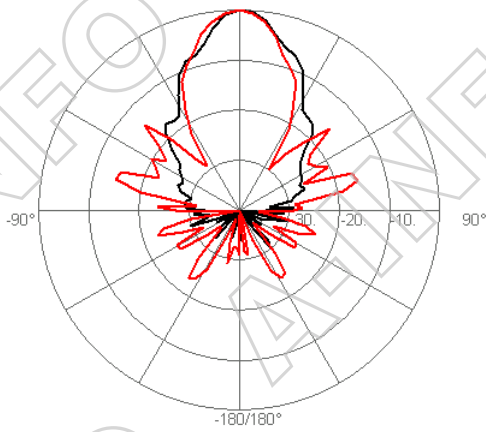
H-Plane — 3dB Beamwidth (deg): 17.12
E-Plane — 3dB Beamwidth (deg): 19.22

Frequency: 17.5GHz



H-Plane — 3dB Beamwidth (deg): 18.08
E-Plane — 3dB Beamwidth (deg): 17.81

Frequency: 18GHz



H-Plane — 3dB Beamwidth (deg): 19.33
E-Plane — 3dB Beamwidth (deg): 17.27