

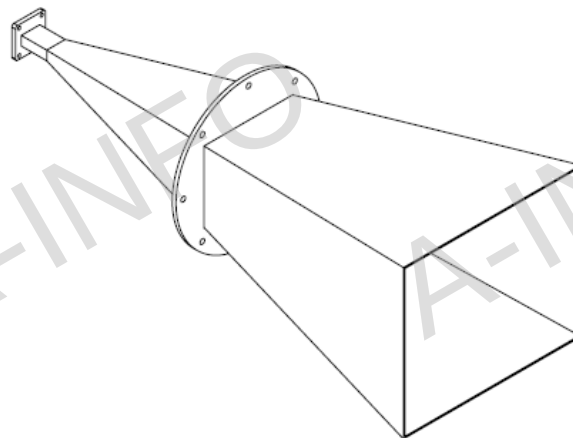
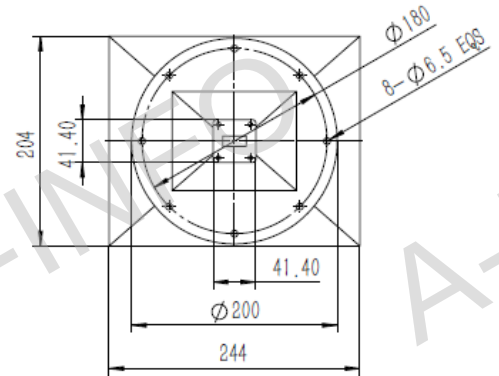
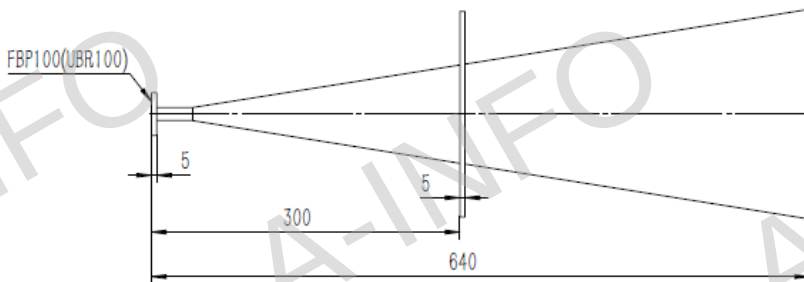
Technical Specification



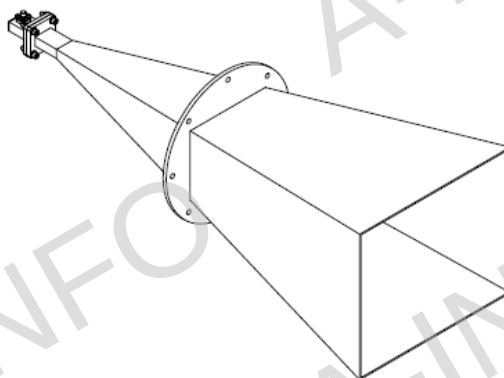
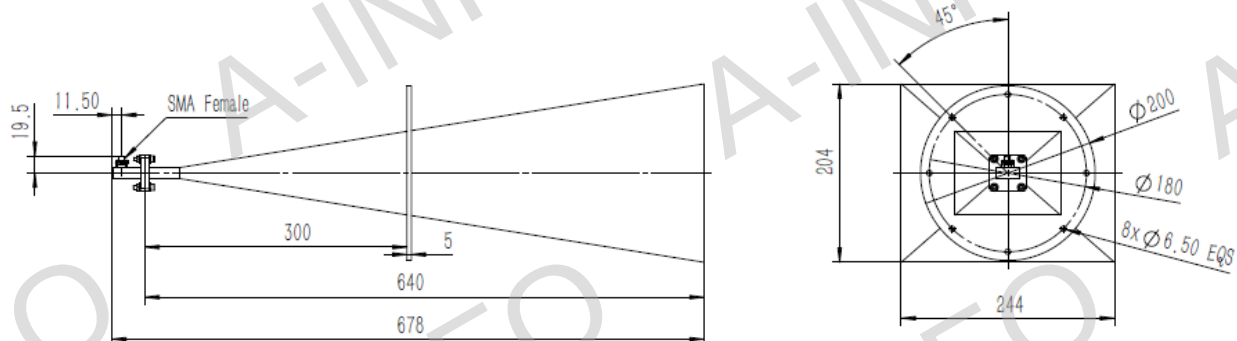
Frequency Range(GHz)	8.2 - 12.4
Gain(dB)	25 Typ.
3dB Beamwidth(deg)	10 Typ.
Waveguide	WR90
Material	Al
Output	A2 Type: FBP100(UBR100) C2 Type: SMA/N /TNC/7mm/3.5mm
Size(mm)	A2 Type: 244x204x640 C2 Type: 244x204x678
Net Weight(Kg)	A2 Type: 1.80 Around C2 Type: 1.90 Around

Outline Drawing (Size: mm)

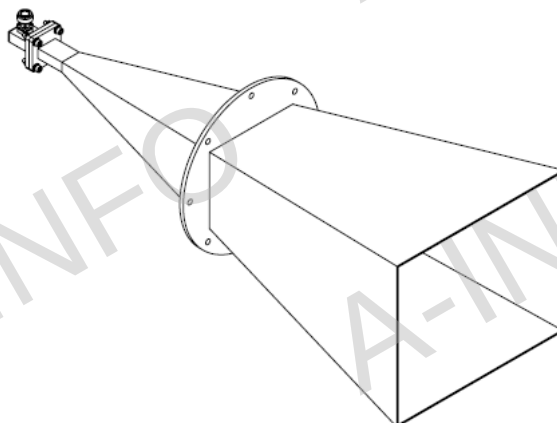
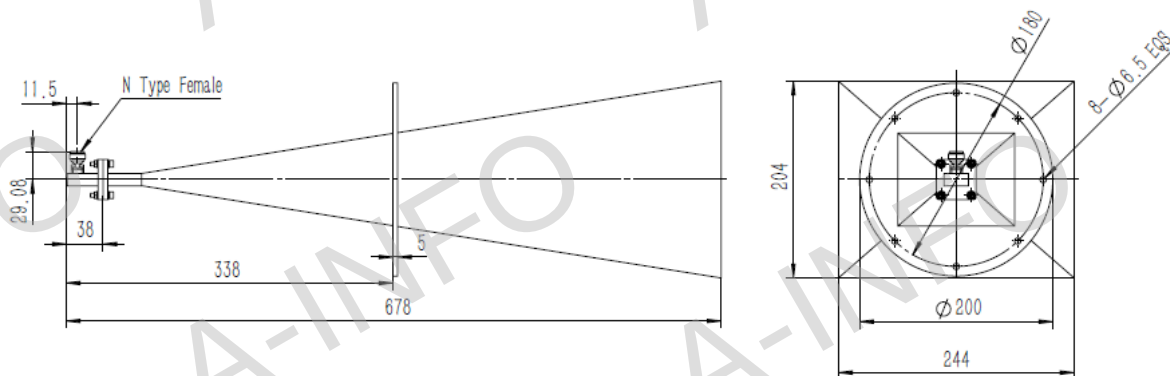
A2 Type(With FBP100 Output)



C2 Type (With SMA-Female Output)

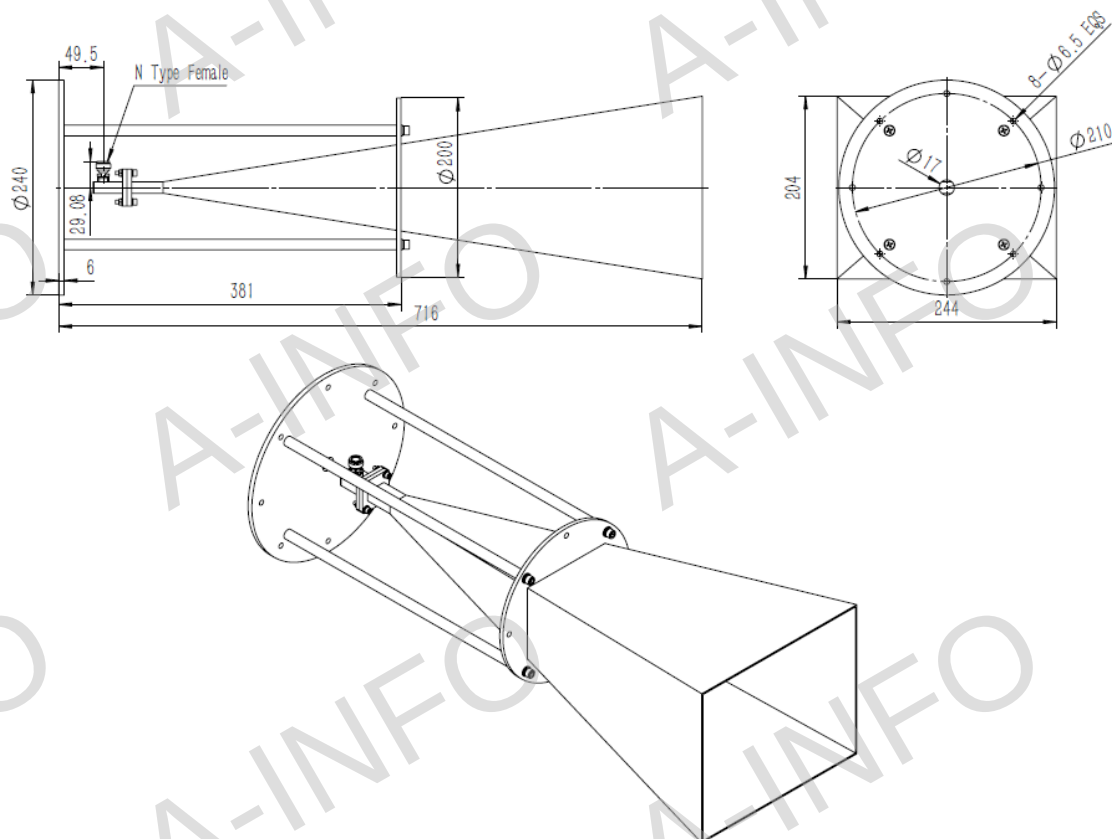


C2 Type (With N-Female Output)



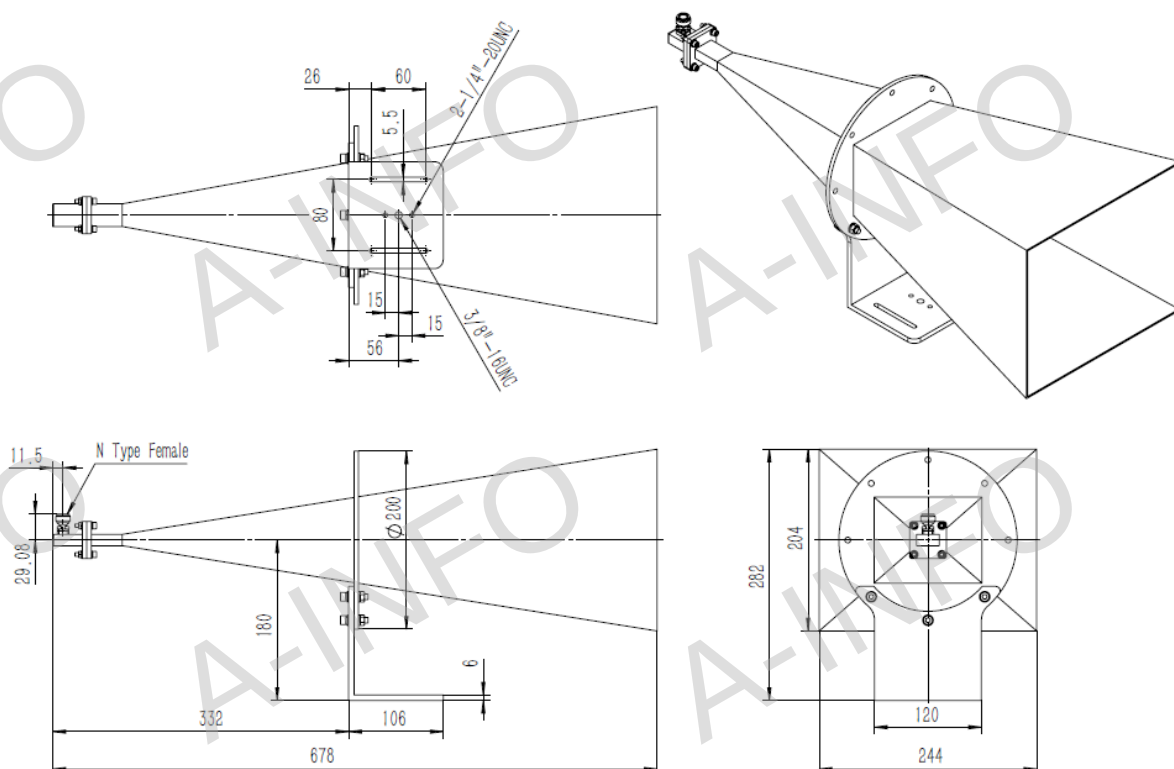
C2 Type (With N-Female Output & Round Mounting Bracket)

For other type output outline drawing, please contact A-INFO.

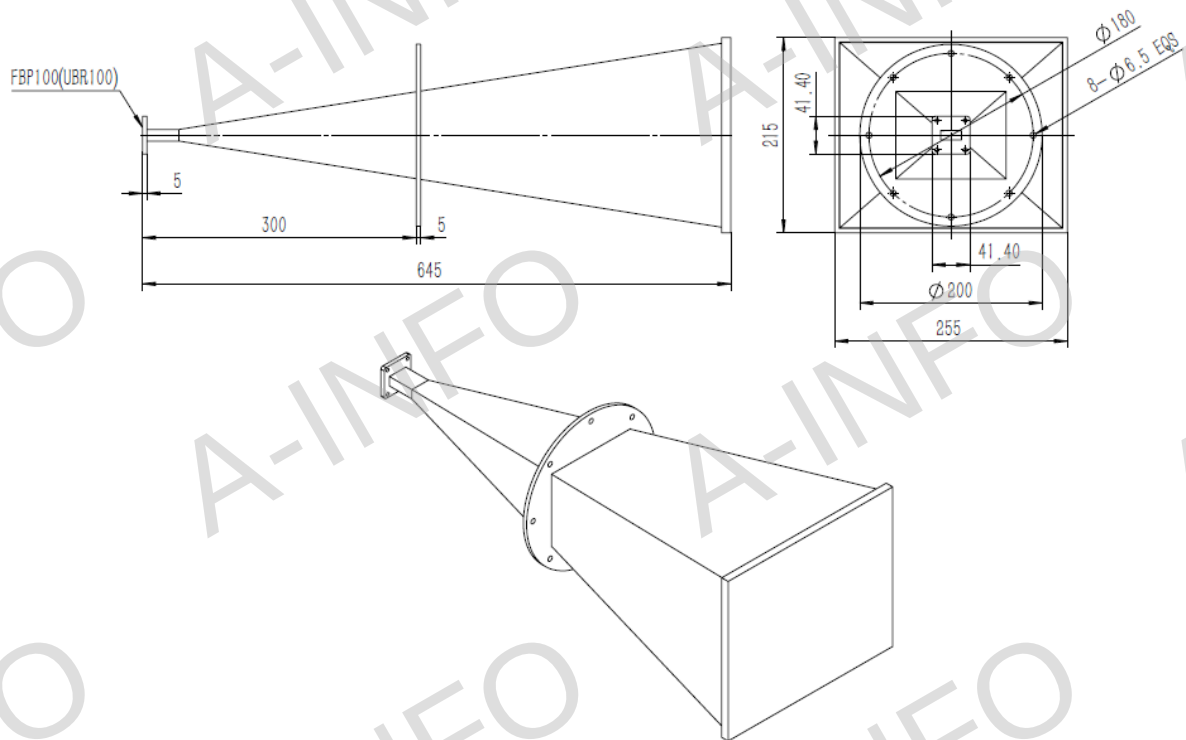


C2 Type (With N-Female Output & L Type Mounting Bracket)

For other type output outline drawing, please contact A-INFO.

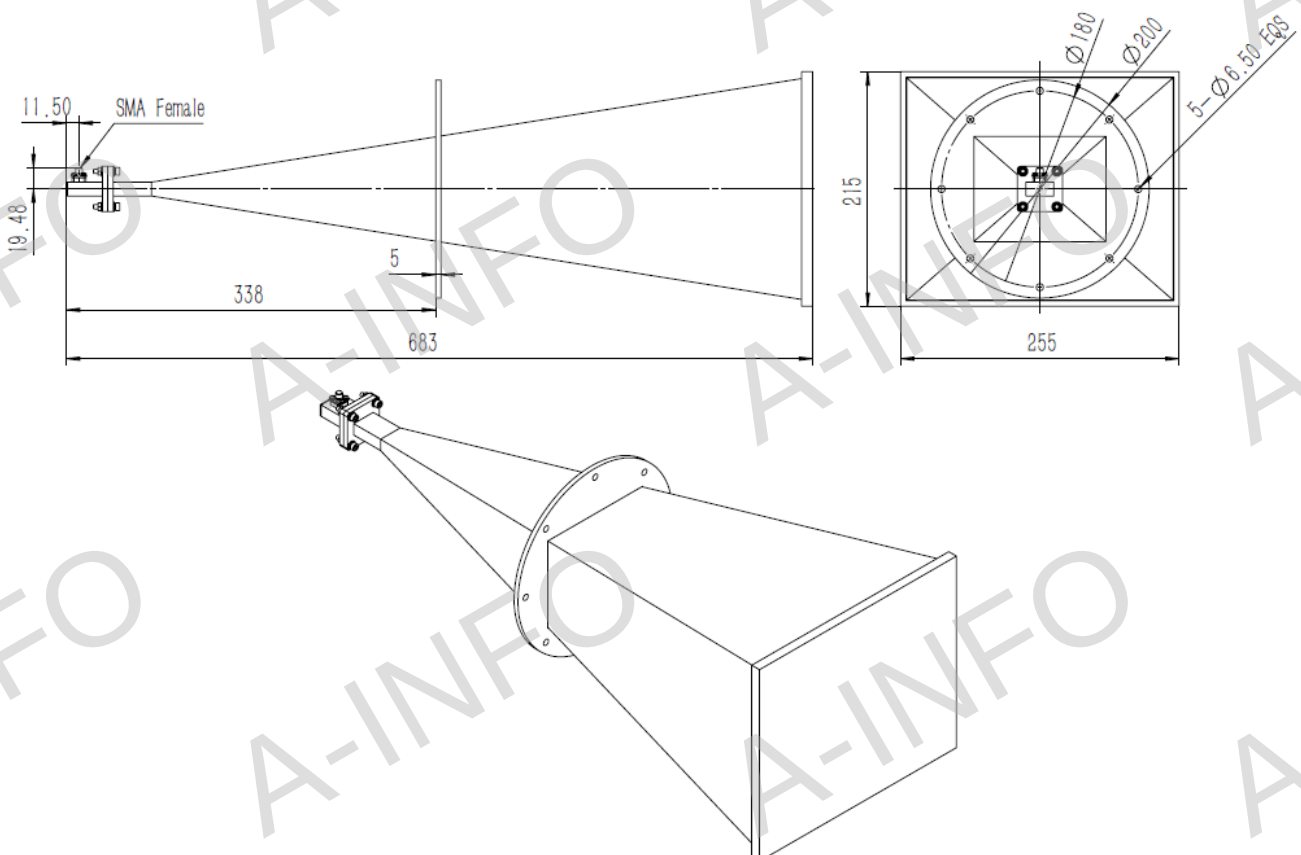


A2 Type (With Radome)



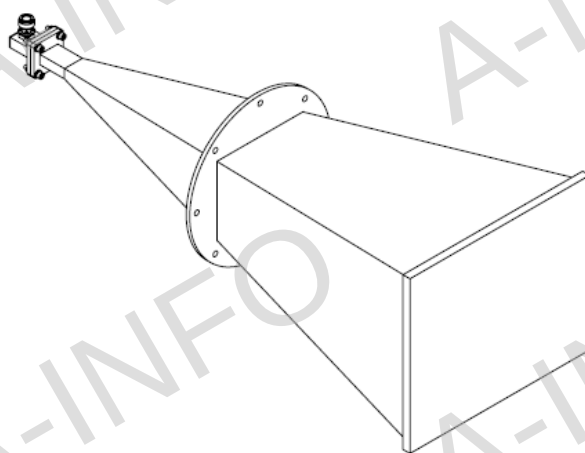
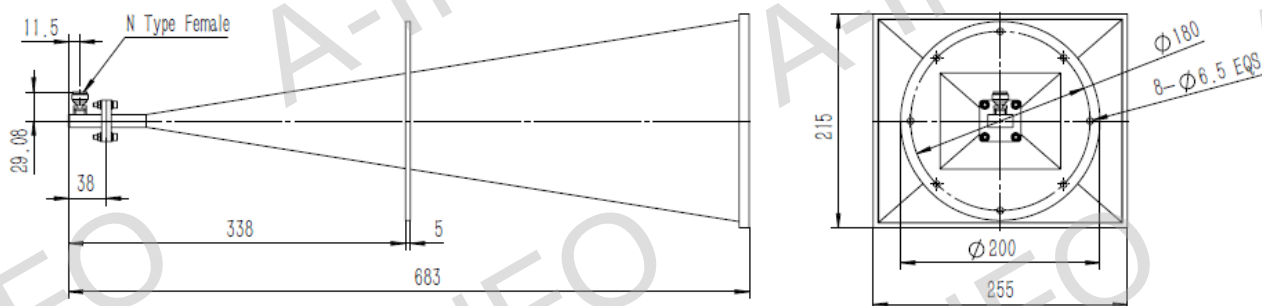
C2 Type (With SMA-Female Output & Radome)

For other type output outline drawing, please contact A-INFO.



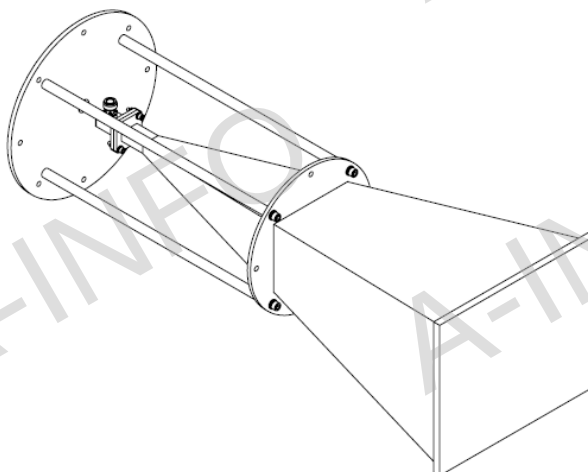
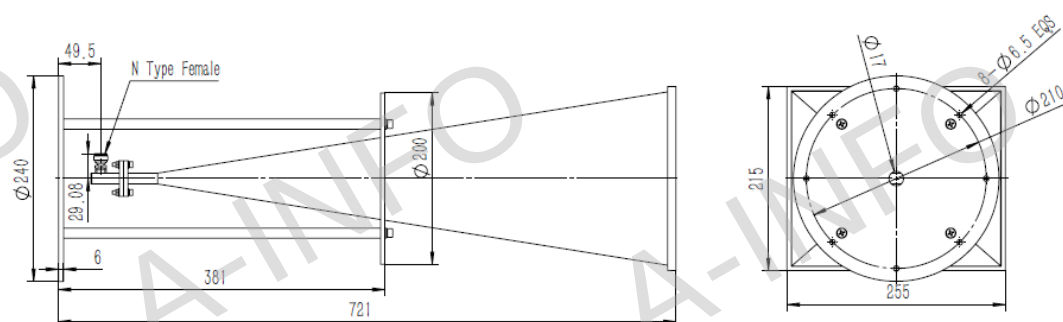
C2 Type (With N-Female Output & Radome)

For other type output outline drawing, please contact A-INFO.



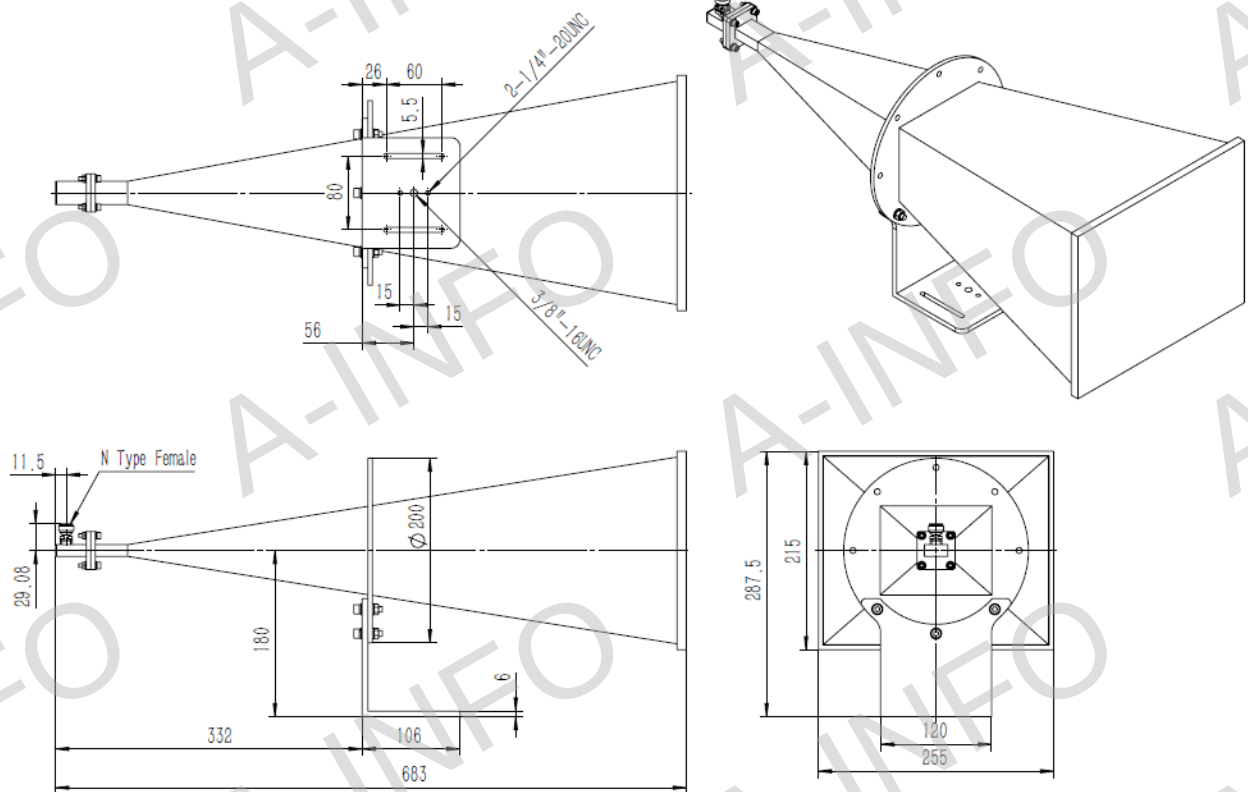
C2 Type (With N-Female Output & Round Mounting Bracket & Radome)

For other type output outline drawing, please contact A-INFO.

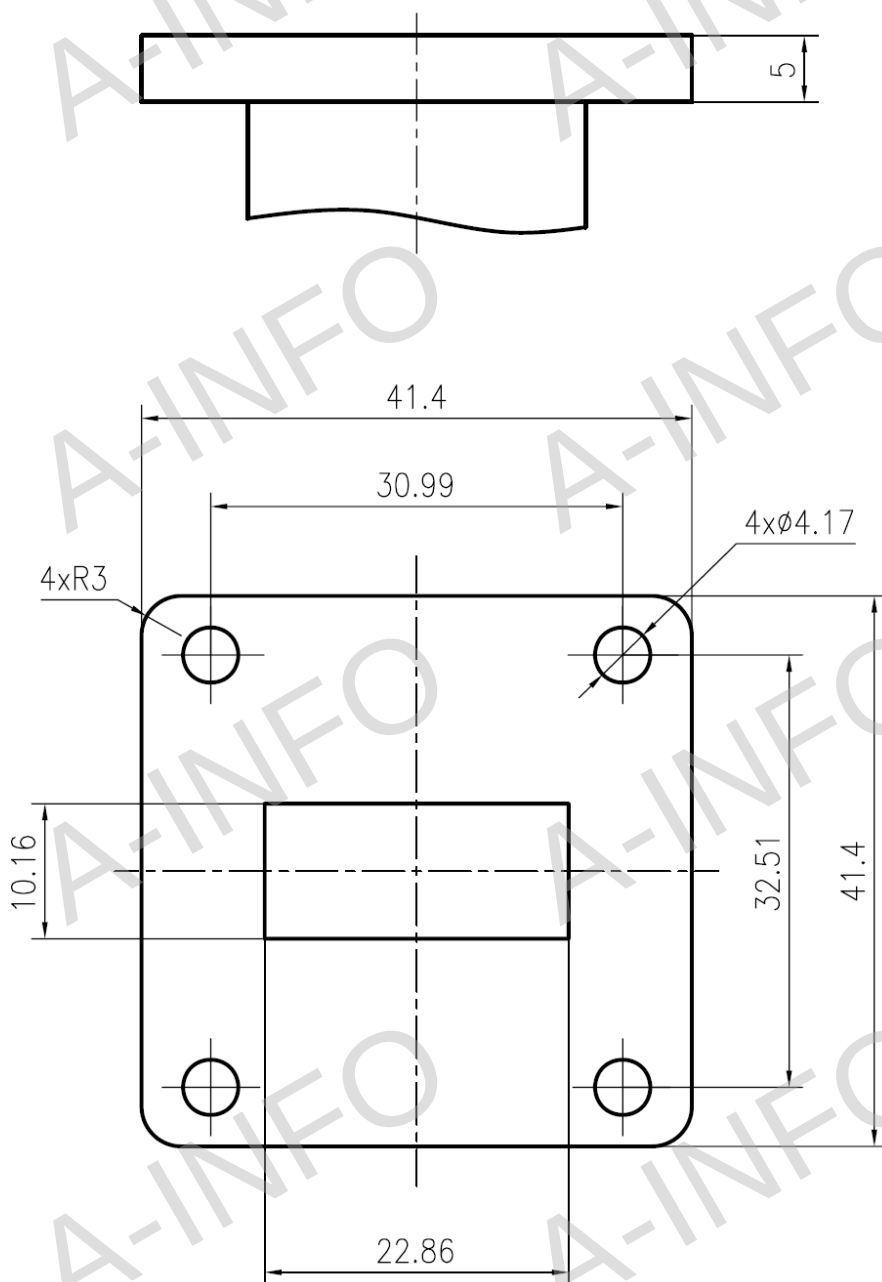


C2 Type (With N-Female Output & L Type Mounting Bracket & Radome)

For other type output outline drawing, please contact A-INFO.



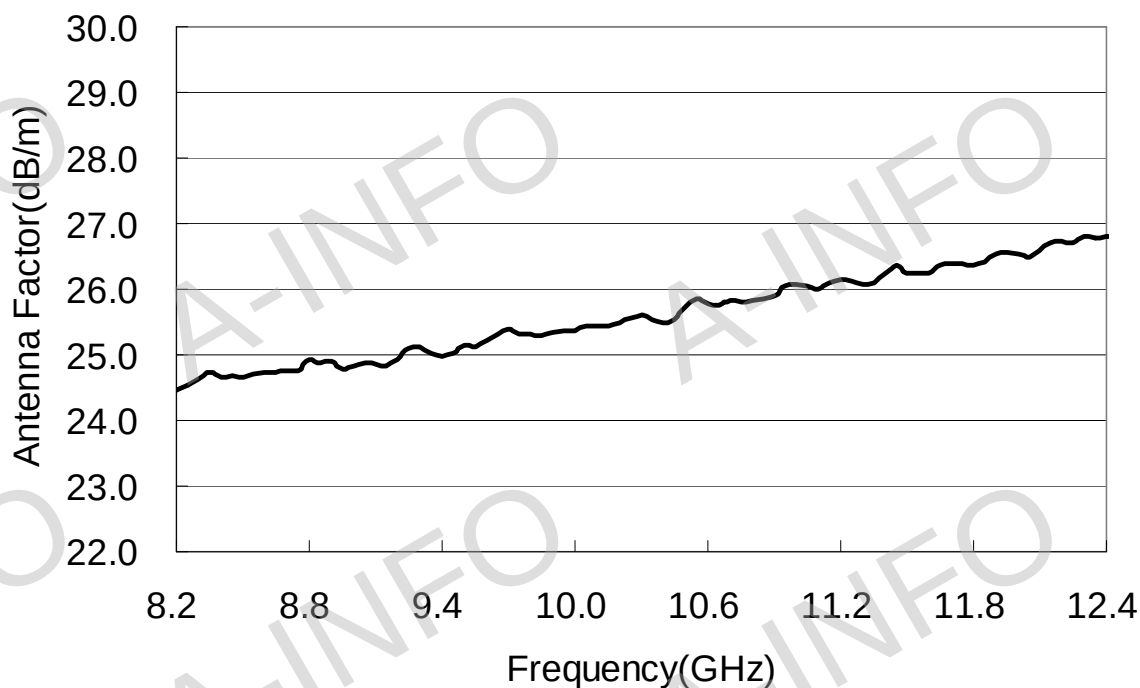
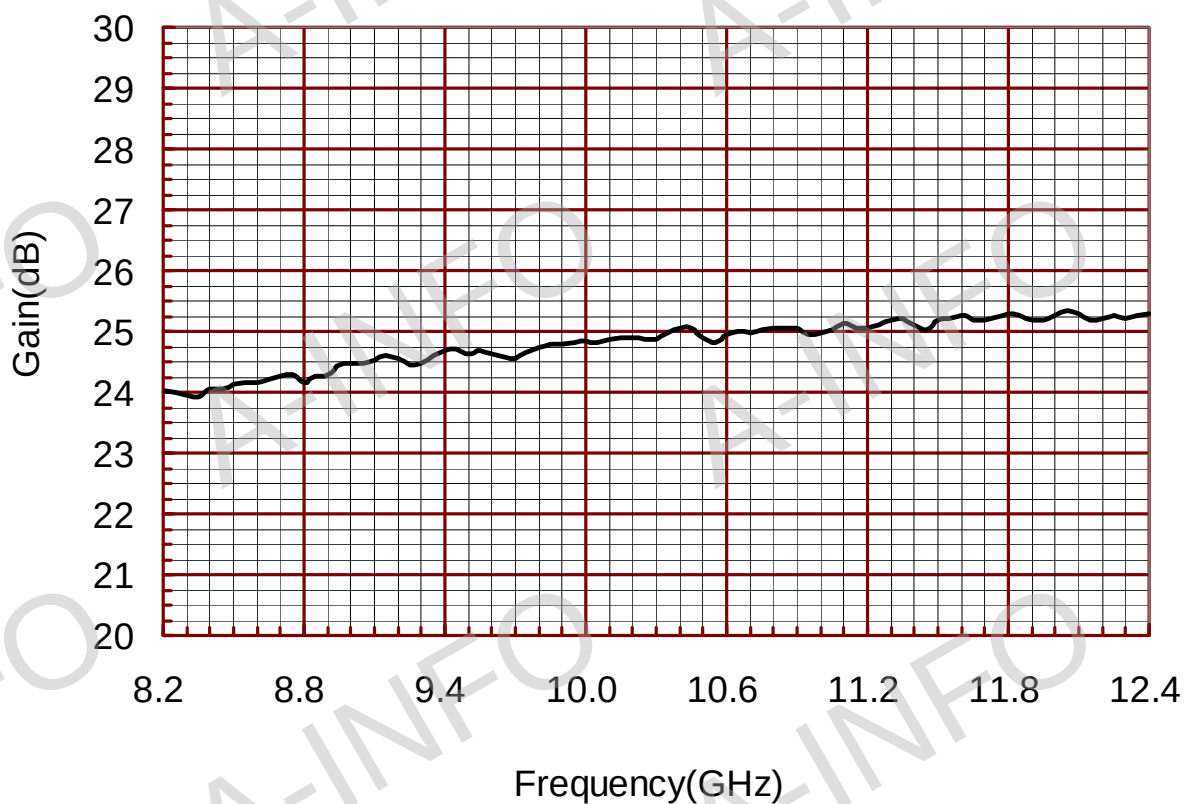
Flange Drawing (Size: mm)



FBP100

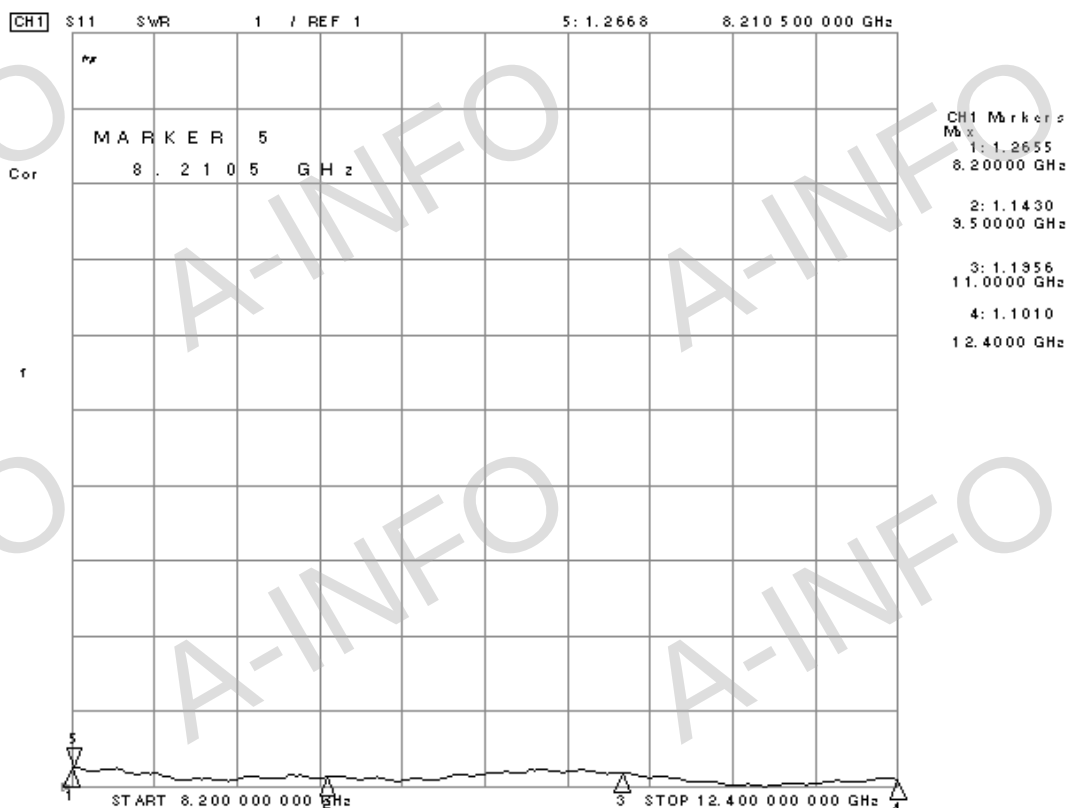
Test Results

1. Gain and Antenna Factor

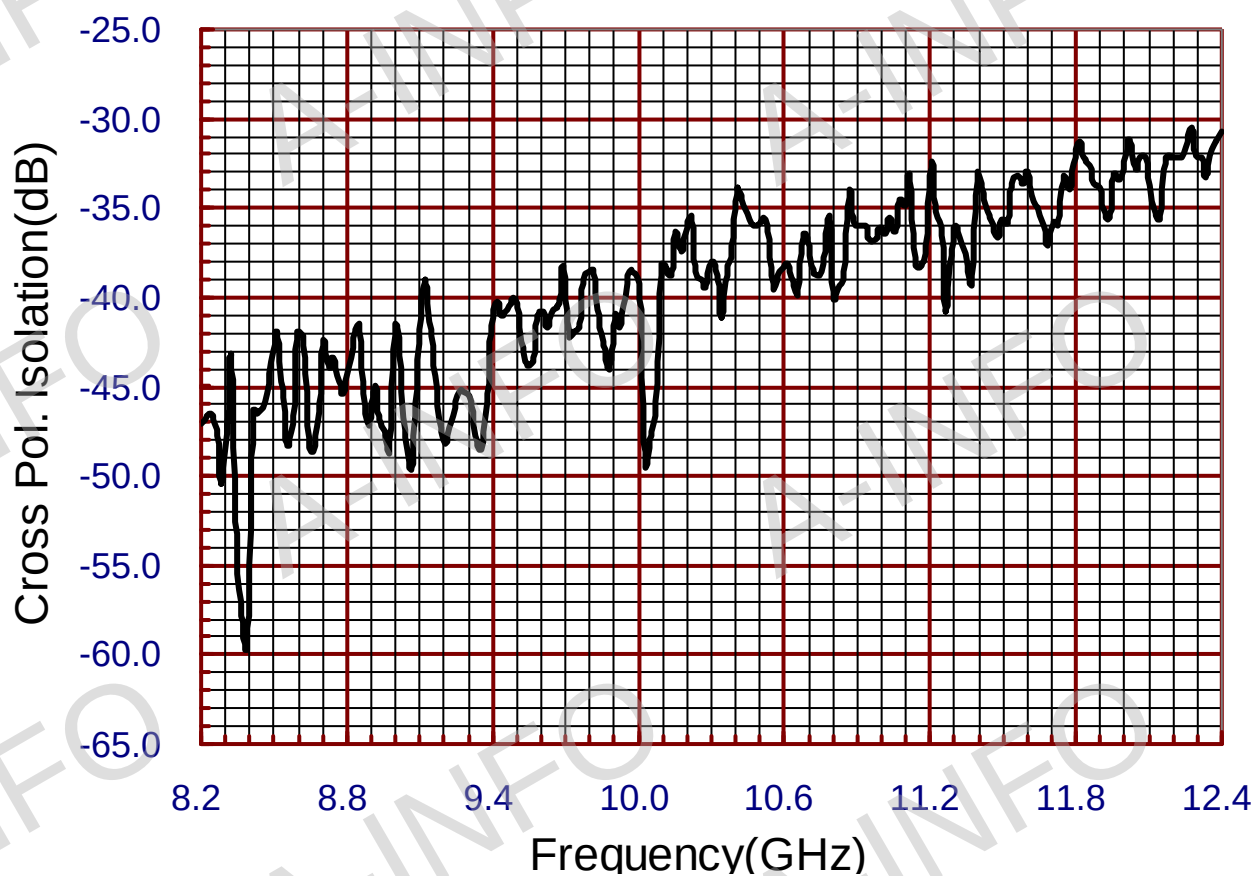


Frequency(GHz)	Gain(dB)	Antenna Factor(dB/m)
8.20	24.02	24.46
8.40	24.05	24.65
8.60	24.16	24.74
8.80	24.17	24.93
9.00	24.46	24.83
9.20	24.55	24.94
9.40	24.69	24.98
9.60	24.63	25.22
9.80	24.73	25.31
10.00	24.85	25.36
10.20	24.90	25.48
10.40	25.05	25.50
10.60	24.94	25.77
10.80	25.04	25.84
11.00	24.96	26.07
11.20	25.04	26.15
11.40	25.09	26.25
11.60	25.26	26.24
11.80	25.29	26.36
12.00	25.26	26.53
12.20	25.22	26.72
12.40	25.28	26.80

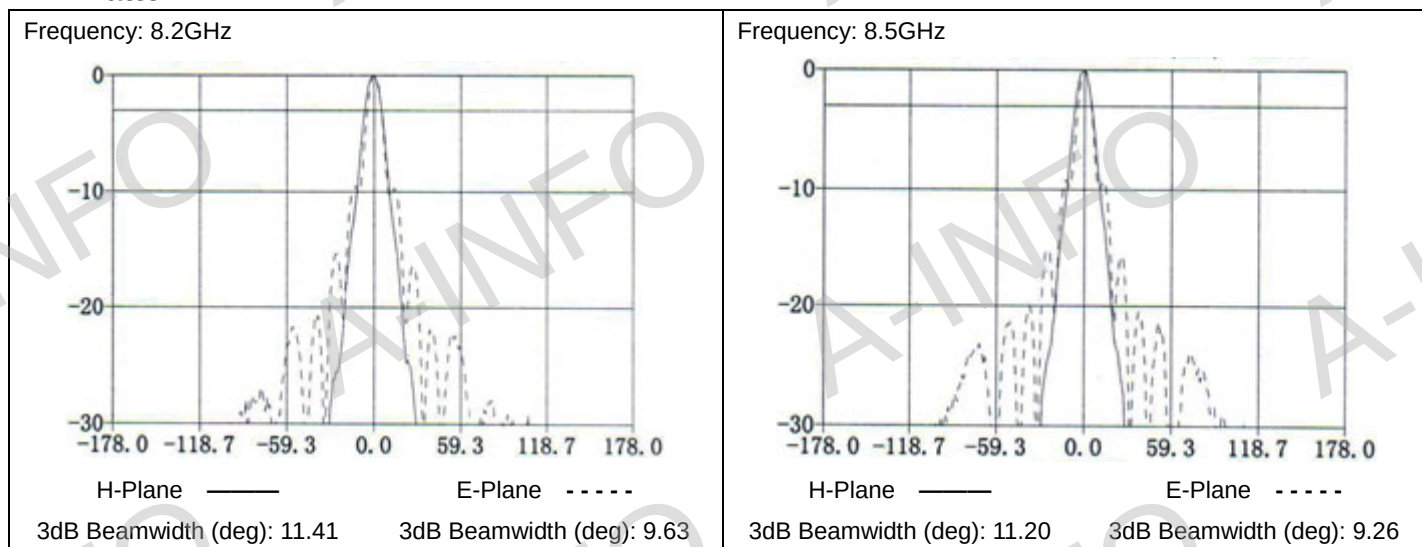
2. VSWR



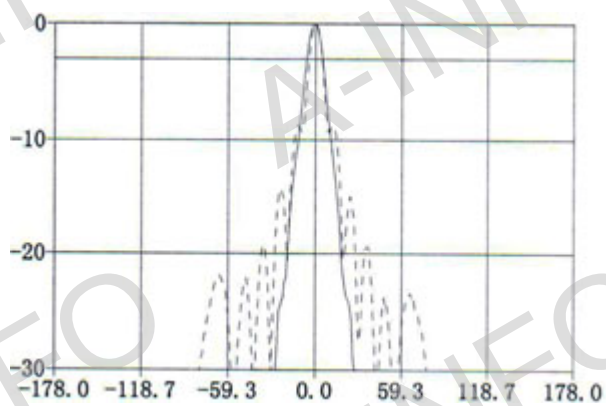
3. Cross Polarization Isolation



4. Pattern

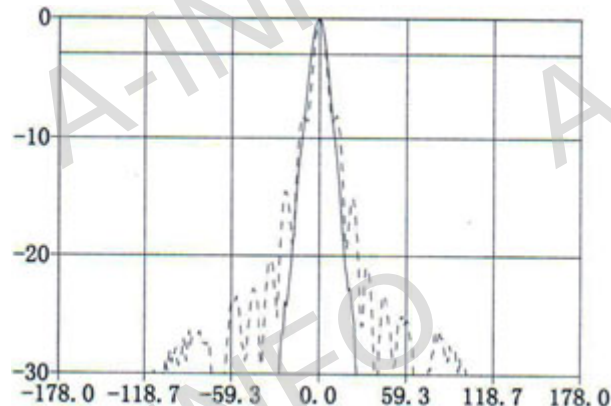


Frequency: 9.0GHz



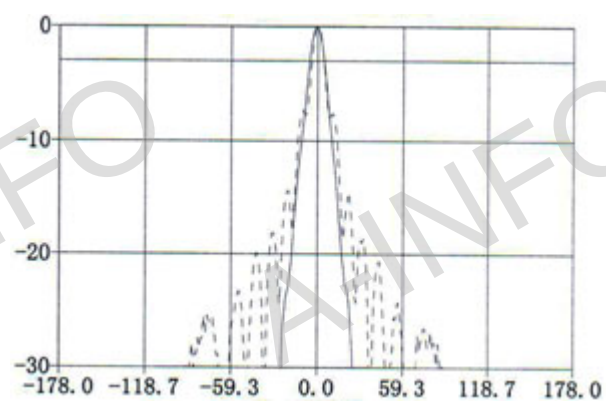
H-Plane ——— E-Plane - - - - -
3dB Beamwidth (deg): 10.76 3dB Beamwidth (deg): 8.77

Frequency: 9.5GHz



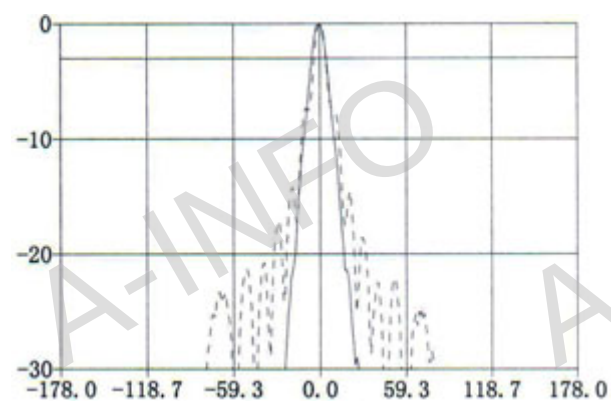
H-Plane ——— E-Plane - - - - -
3dB Beamwidth (deg): 10.43 3dB Beamwidth (deg): 8.30

Frequency: 10.0GHz



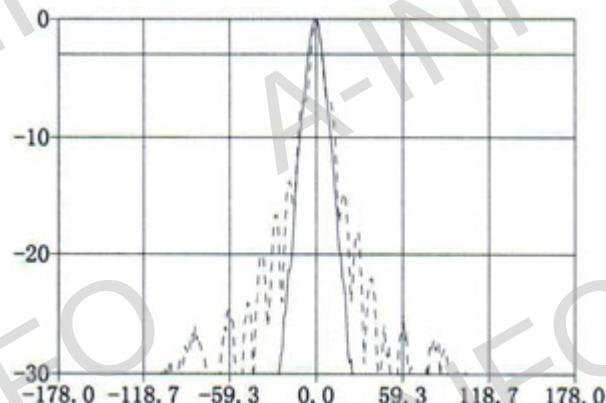
H-Plane ——— E-Plane - - - - -
3dB Beamwidth (deg): 9.90 3dB Beamwidth (deg): 8.24

Frequency: 10.5GHz



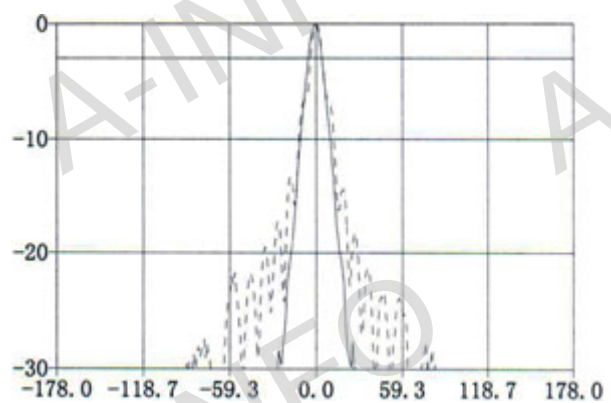
H-Plane ——— E-Plane - - - - -
3dB Beamwidth (deg): 9.71 3dB Beamwidth (deg): 7.85

Frequency: 11.0GHz



H-Plane ——— E-Plane - - - - -
3dB Beamwidth (deg): 9.46 3dB Beamwidth (deg): 7.66

Frequency: 11.5GHz



H-Plane ——— E-Plane - - - - -
3dB Beamwidth (deg): 9.30 3dB Beamwidth (deg): 7.60

