

Technical Specification

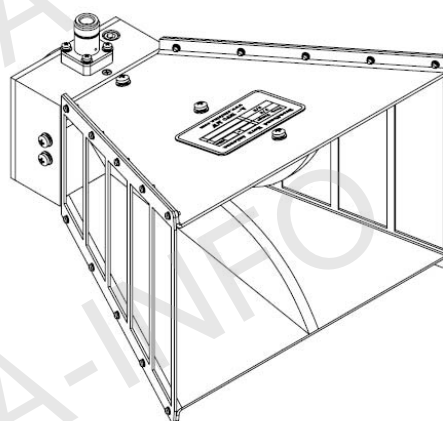
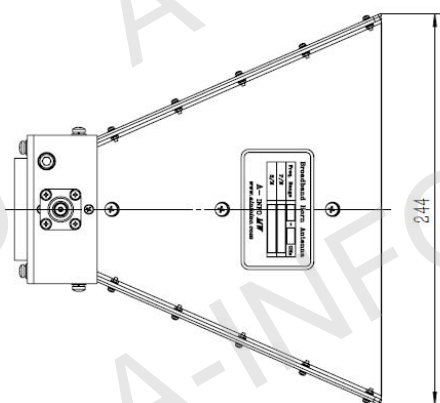
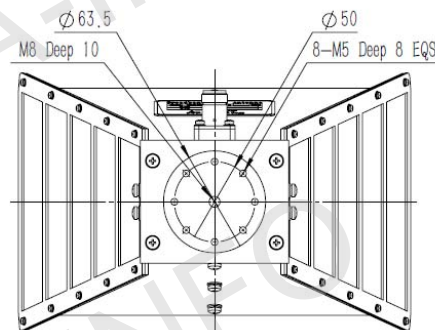
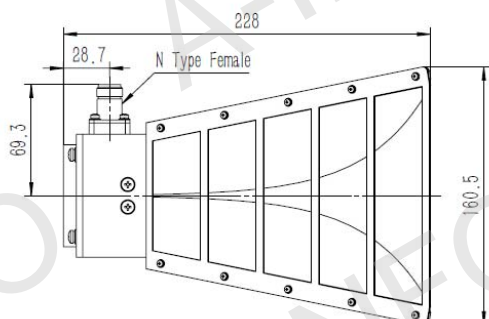


Frequency Range(GHz)	0.8 – 18.0
Gain(dBi)	12 Typ.
Polarization	Linear
3dB Beamwidth(deg)	E Plane: 111 - 13
	H Plane: 78 - 10
Cross Pol. Isolation(dB)	25 Typ.
VSWR	1.5:1 Typ.
Connector	N-Female
	or SMA-Female
Power Handling(W)	N-Female: 300 Max. CW
	SMA-Female: 50 Max. CW
Material	Al
Size(mm)	244 x 160.5 x 228
Net Weight(Kg)	1.5 Around

Outline Drawing (Size: mm)

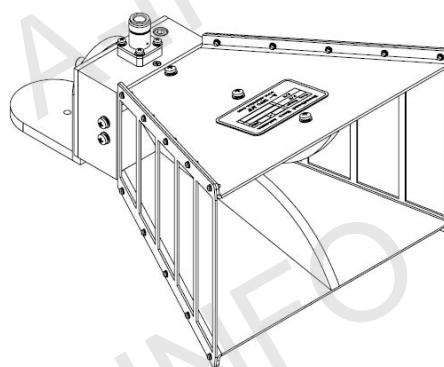
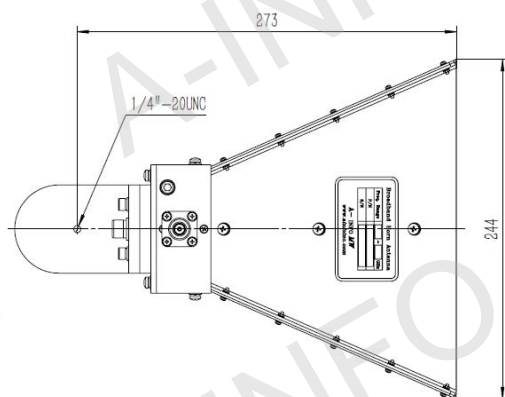
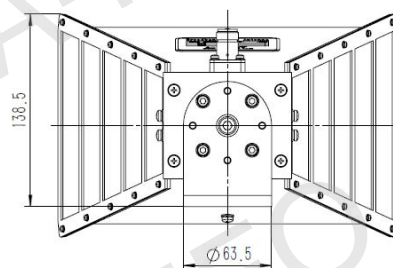
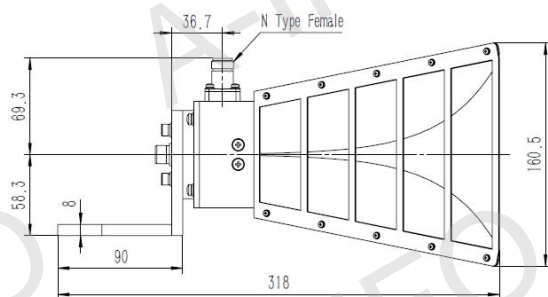
N-Female Output

For SMA-Female output outline drawing, please contact A-INFO.



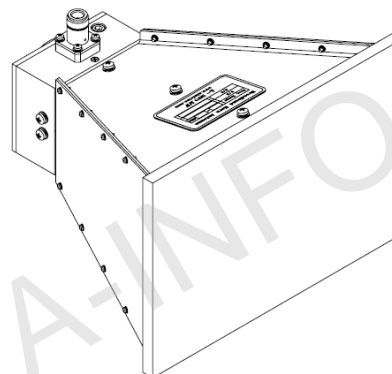
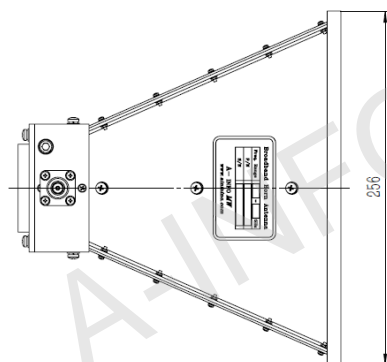
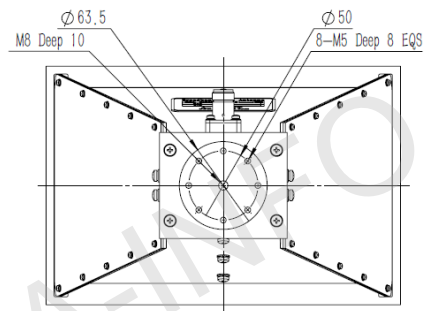
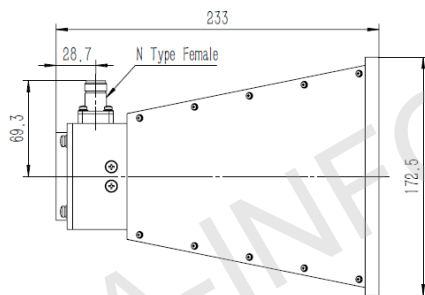
N-Female Output with L type mounting bracket

For SMA-Female output outline drawing, please contact A-INFO.



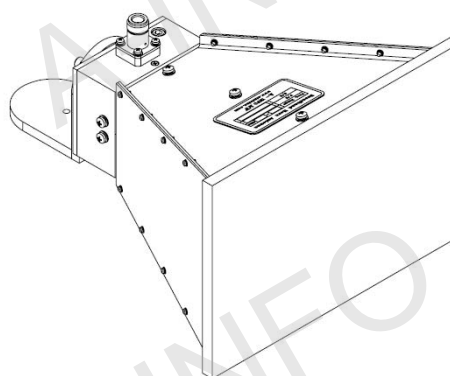
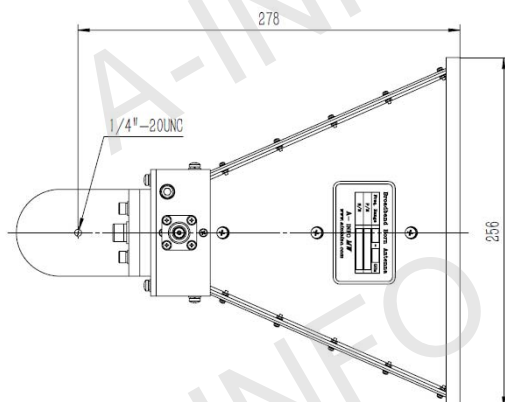
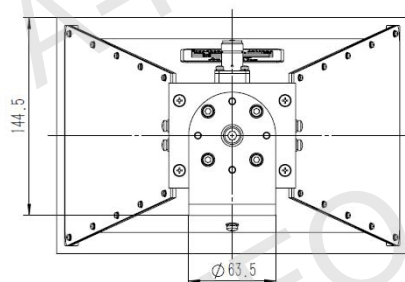
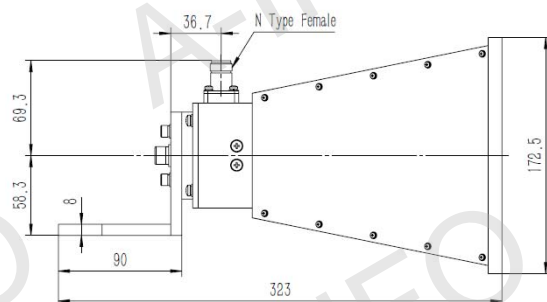
N-Female Output with Radome

For SMA-Female output outline drawing, please contact A-INFO.



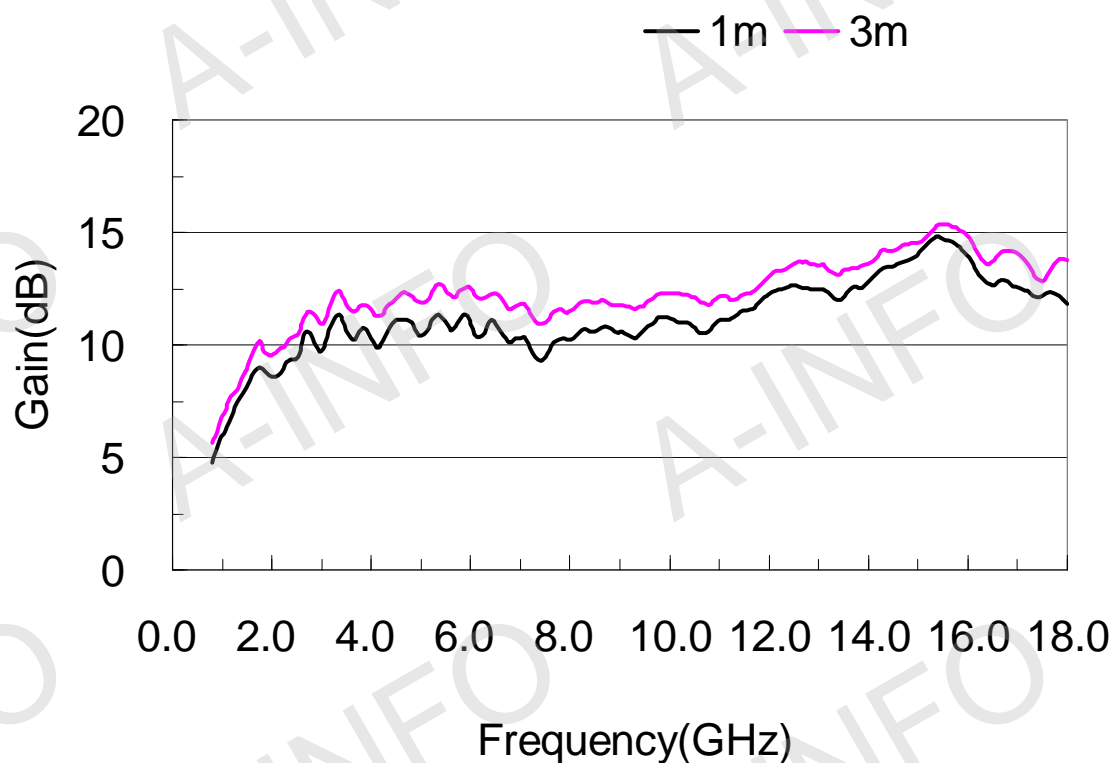
N-Female Output with L type mounting bracket & Radome

For SMA-Female output outline drawing, please contact A-INFO.

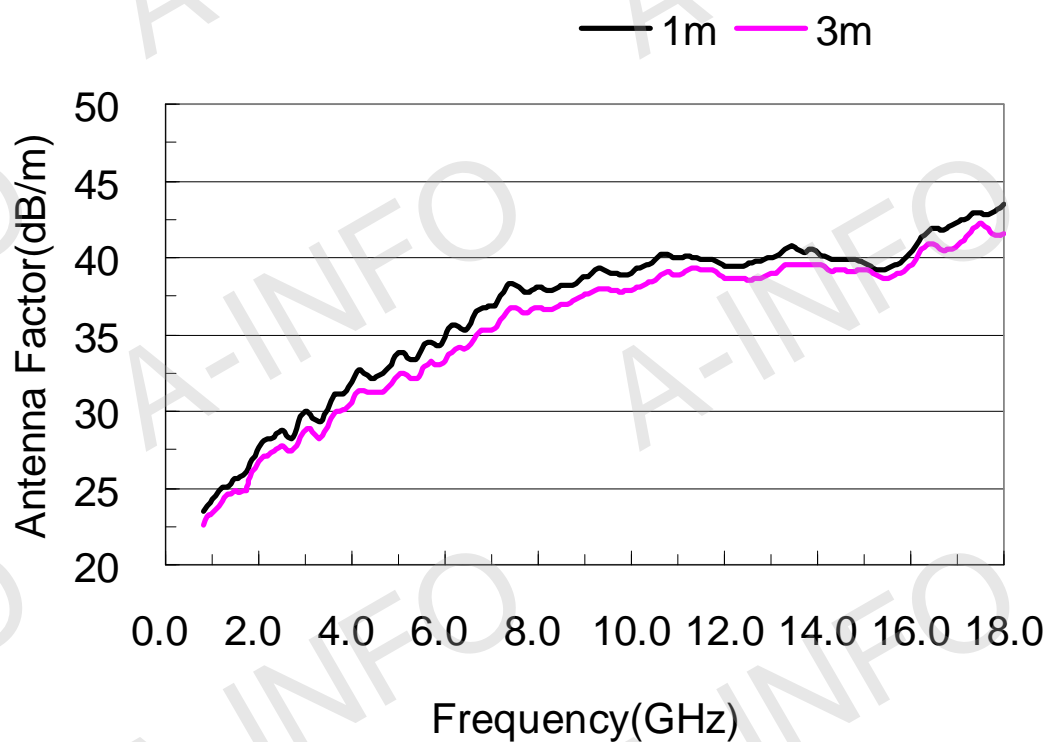


Test Results

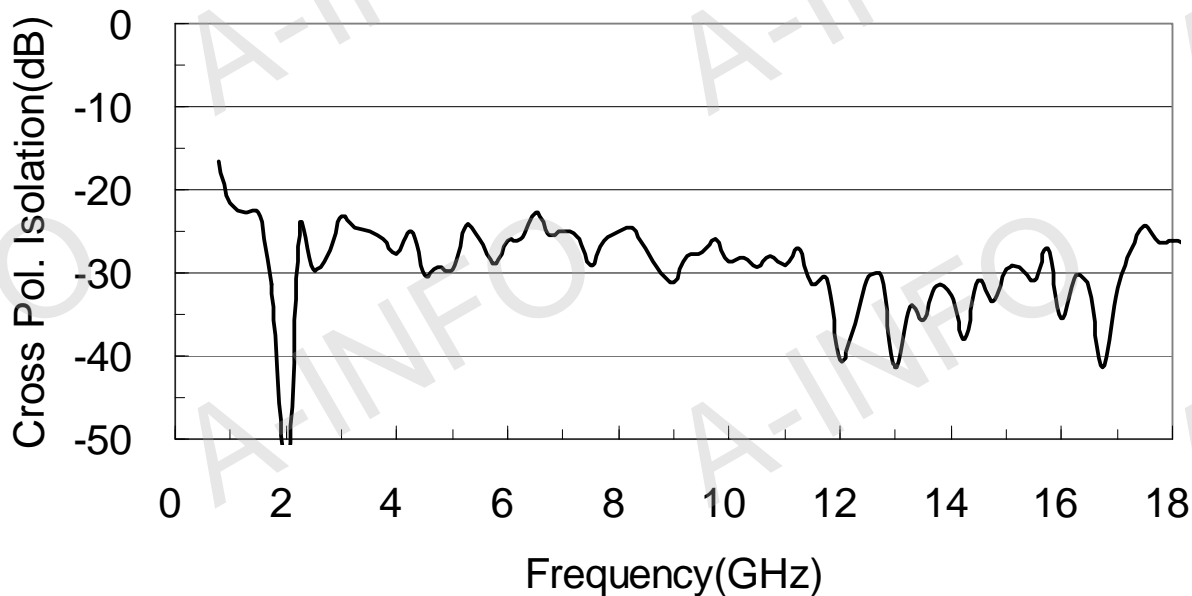
1. Gain



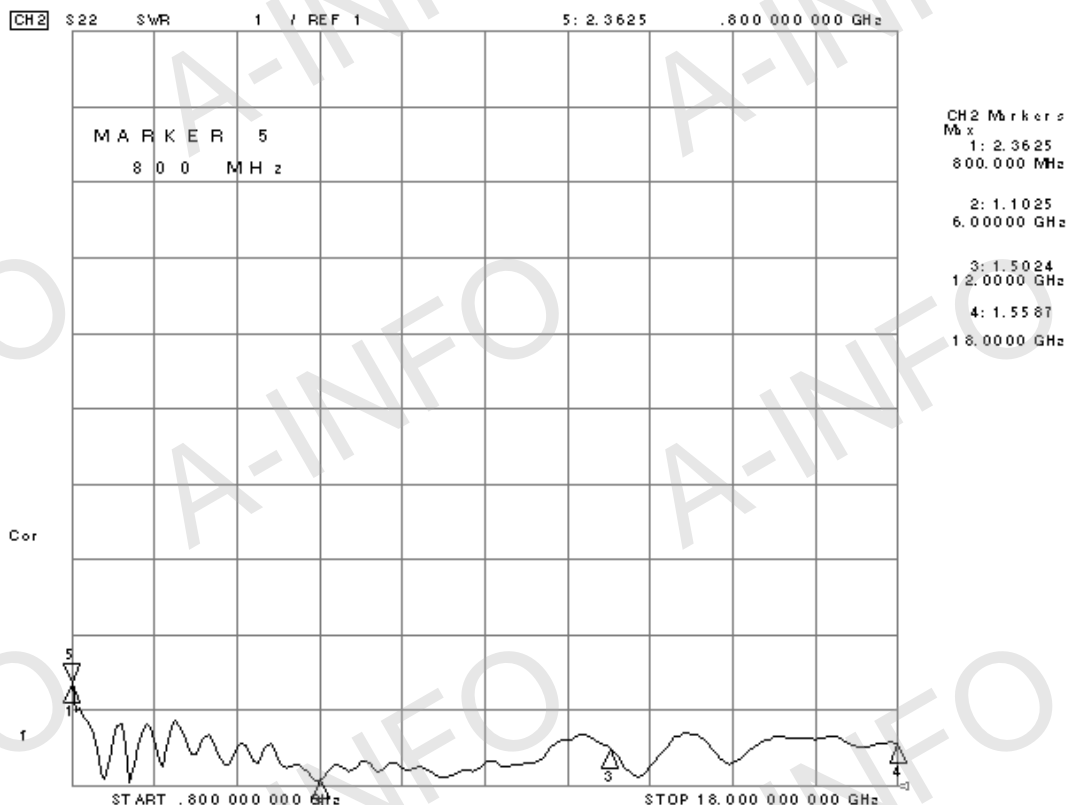
2. Antenna Factor



3. Cross Polarization Isolation

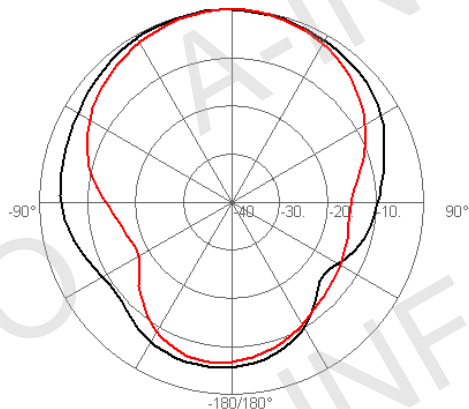


4. VSWR



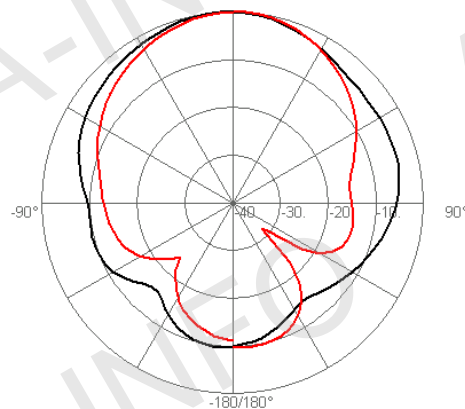
5. Pattern

Frequency: 0.8GHz



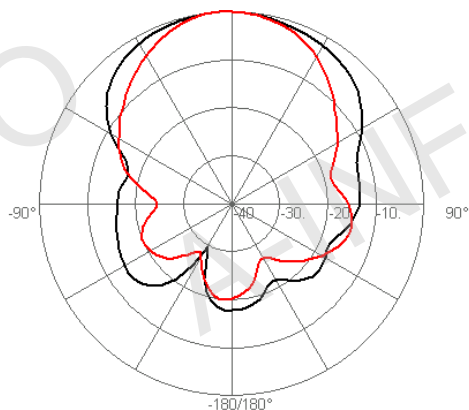
H-Plane — 3dB Beamwidth (deg): 77.35
E-Plane — 3dB Beamwidth (deg): 110.18

Frequency: 1GHz



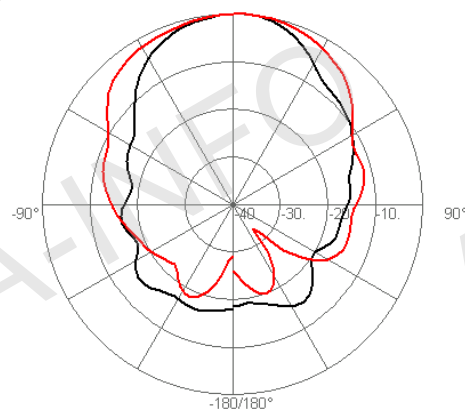
H-Plane — 3dB Beamwidth (deg): 60.33
E-Plane — 3dB Beamwidth (deg): 74.98

Frequency: 1.5GHz



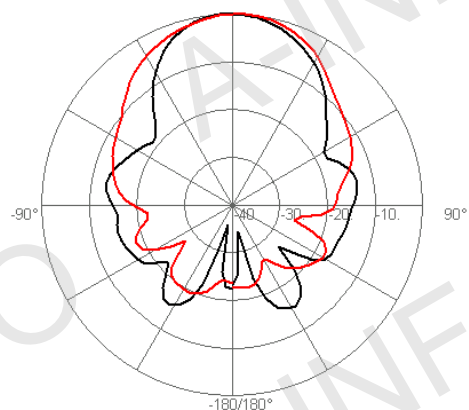
H-Plane — 3dB Beamwidth (deg): 48.70
E-Plane — 3dB Beamwidth (deg): 76.85

Frequency: 2GHz



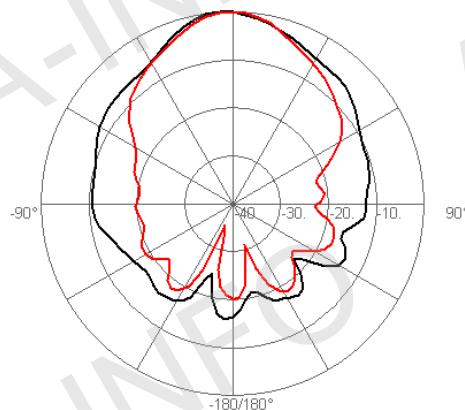
H-Plane — 3dB Beamwidth (deg): 73.65
E-Plane — 3dB Beamwidth (deg): 45.94

Frequency: 2.5GHz



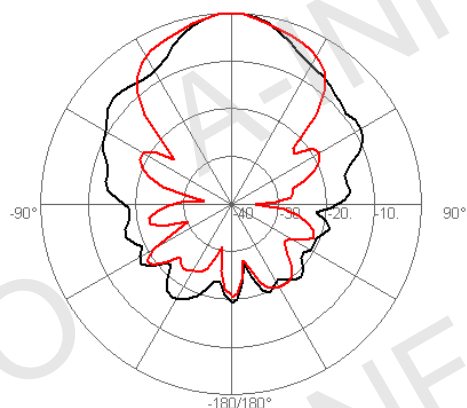
H-Plane — 3dB Beamwidth (deg): 50.45
E-Plane — 3dB Beamwidth (deg): 40.68

Frequency: 3GHz



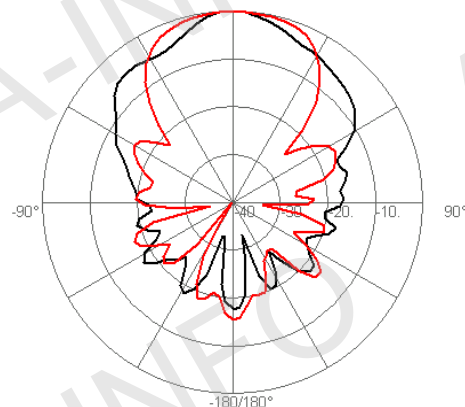
H-Plane — 3dB Beamwidth (deg): 34.00
E-Plane — 3dB Beamwidth (deg): 37.71

Frequency: 3.5GHz



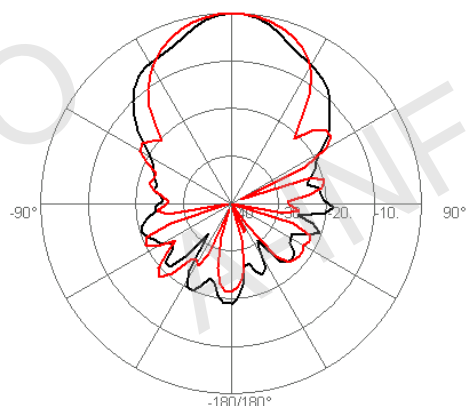
H-Plane ——— E-Plane ———
3dB Beamwidth (deg): 45.40 3dB Beamwidth (deg): 32.81

Frequency: 4GHz



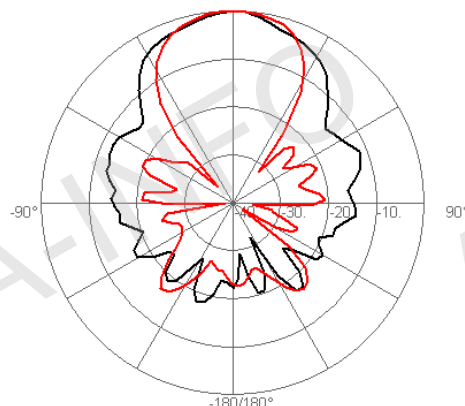
H-Plane ——— E-Plane ———
3dB Beamwidth (deg): 52.66 3dB Beamwidth (deg): 32.98

Frequency: 4.5GHz



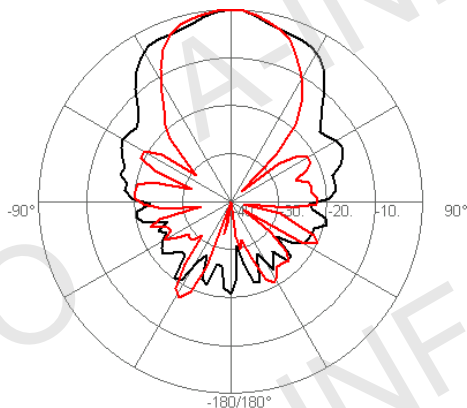
H-Plane ——— E-Plane ———
3dB Beamwidth (deg): 41.17 3dB Beamwidth (deg): 30.07

Frequency: 5GHz



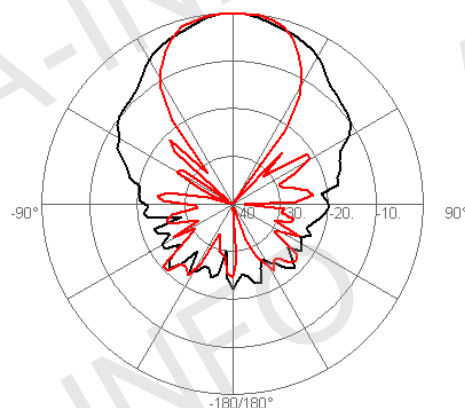
H-Plane ——— E-Plane ———
3dB Beamwidth (deg): 41.04 3dB Beamwidth (deg): 42.57

Frequency: 5.5GHz



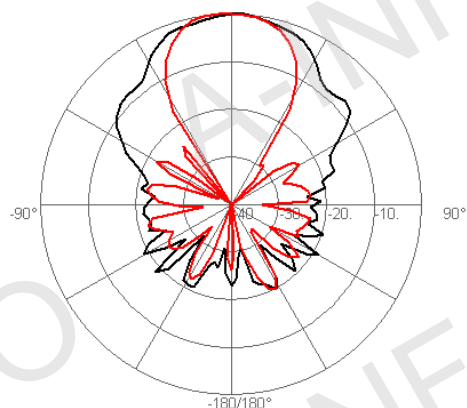
H-Plane ——— E-Plane ———
3dB Beamwidth (deg): 36.60 3dB Beamwidth (deg): 39.84

Frequency: 6GHz



H-Plane ——— E-Plane ———
3dB Beamwidth (deg): 39.53 3dB Beamwidth (deg): 44.56

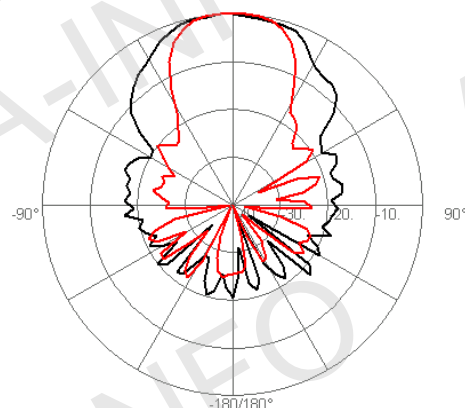
Frequency: 6.5GHz



H-Plane — E-Plane —

3dB Beamwidth (deg): 35.44 3dB Beamwidth (deg): 48.87

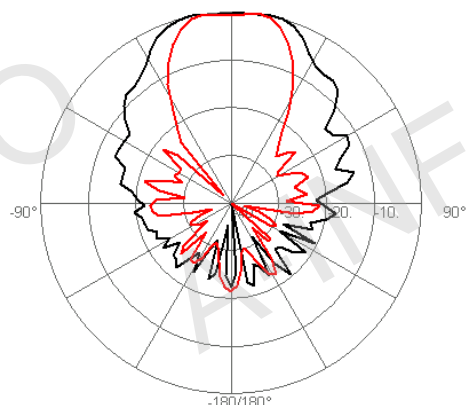
Frequency: 7GHz



H-Plane — E-Plane —

3dB Beamwidth (deg): 36.30 3dB Beamwidth (deg): 49.21

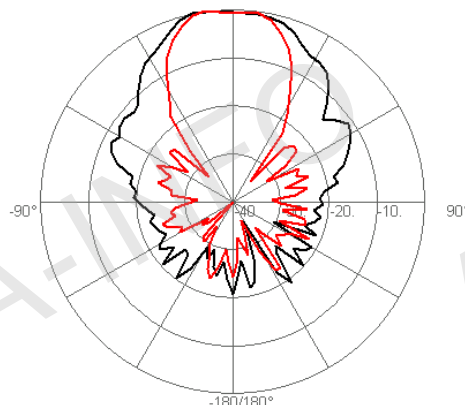
Frequency: 7.5GHz



H-Plane — E-Plane —

3dB Beamwidth (deg): 34.83 3dB Beamwidth (deg): 50.53

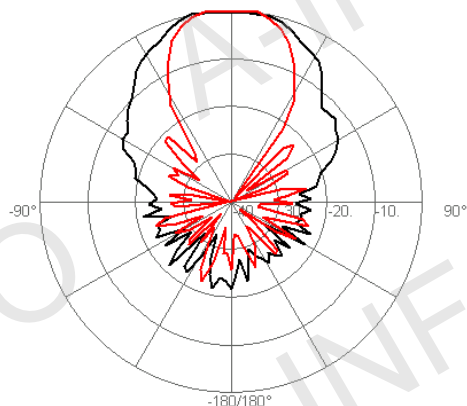
Frequency: 8GHz



H-Plane — E-Plane —

3dB Beamwidth (deg): 32.88 3dB Beamwidth (deg): 42.74

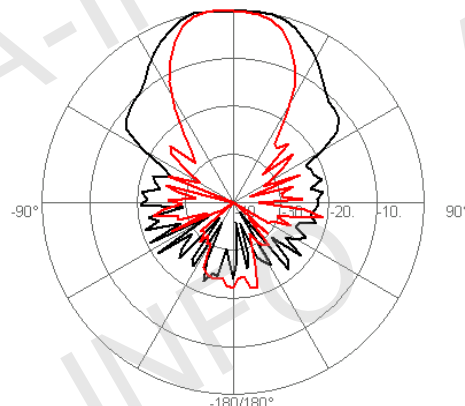
Frequency: 8.5GHz



H-Plane — E-Plane —

3dB Beamwidth (deg): 35.07 3dB Beamwidth (deg): 45.44

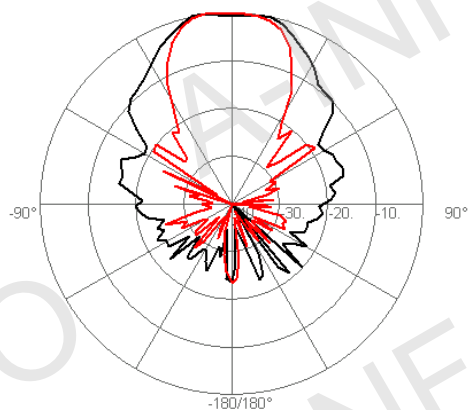
Frequency: 9GHz



H-Plane — E-Plane —

3dB Beamwidth (deg): 34.08 3dB Beamwidth (deg): 46.42

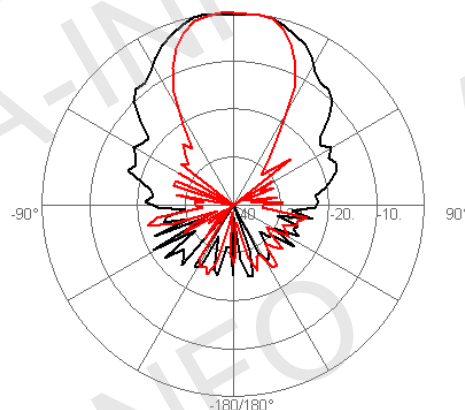
Frequency: 9.5GHz



H-Plane — E-Plane —

3dB Beamwidth (deg): 35.18 3dB Beamwidth (deg): 42.35

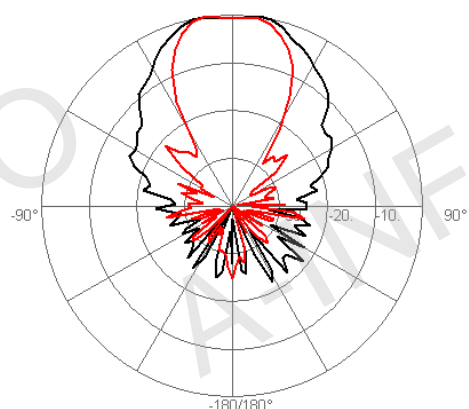
Frequency: 10GHz



H-Plane — E-Plane —

3dB Beamwidth (deg): 34.25 3dB Beamwidth (deg): 44.44

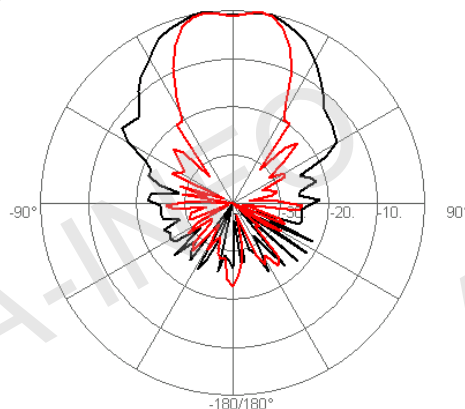
Frequency: 10.5GHz



H-Plane — E-Plane —

3dB Beamwidth (deg): 33.03 3dB Beamwidth (deg): 42.43

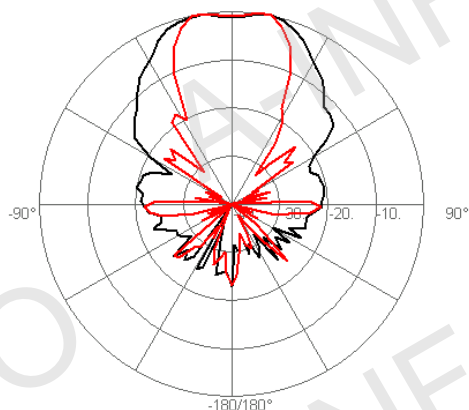
Frequency: 11GHz



H-Plane — E-Plane —

3dB Beamwidth (deg): 34.37 3dB Beamwidth (deg): 48.06

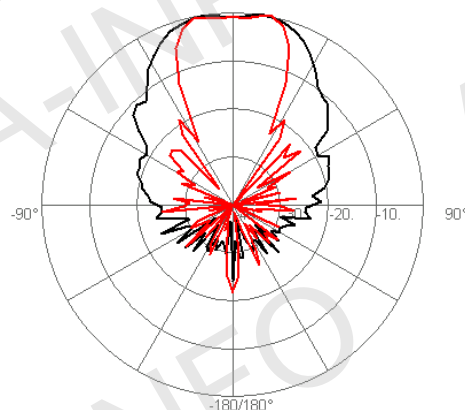
Frequency: 11.5GHz



H-Plane — E-Plane —

3dB Beamwidth (deg): 34.96 3dB Beamwidth (deg): 48.48

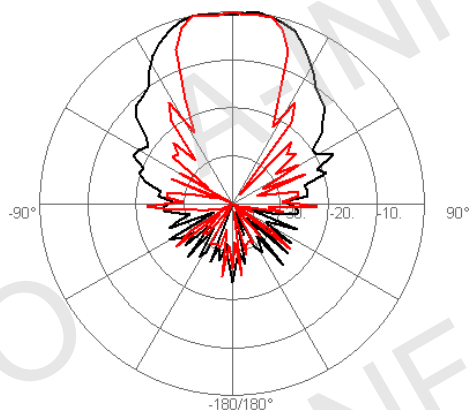
Frequency: 12GHz



H-Plane — E-Plane —

3dB Beamwidth (deg): 34.96 3dB Beamwidth (deg): 47.92

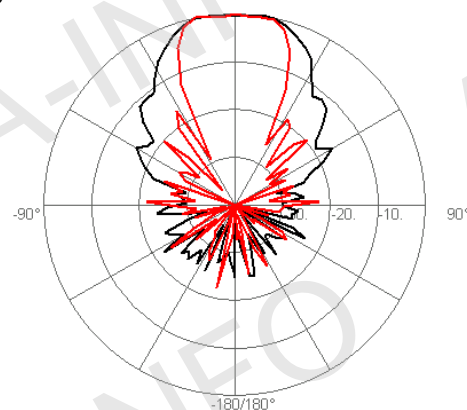
Frequency: 12.5GHz



H-Plane — E-Plane —

3dB Beamwidth (deg): 33.93 3dB Beamwidth (deg): 45.33

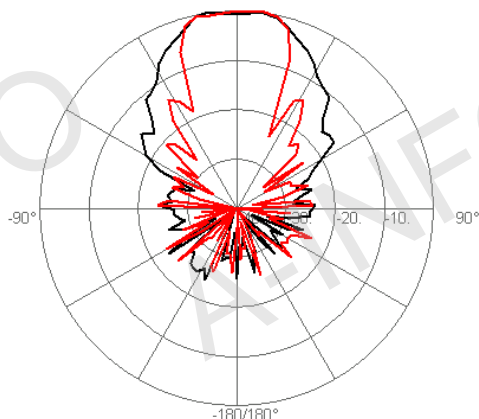
Frequency: 13GHz



H-Plane — E-Plane —

3dB Beamwidth (deg): 34.82 3dB Beamwidth (deg): 43.38

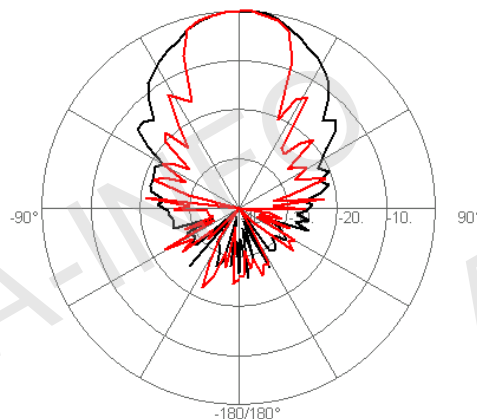
Frequency: 13.5GHz



H-Plane — E-Plane —

3dB Beamwidth (deg): 33.62 3dB Beamwidth (deg): 36.66

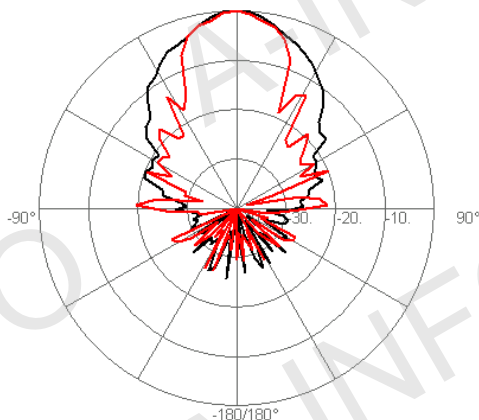
Frequency: 14GHz



H-Plane — E-Plane —

3dB Beamwidth (deg): 32.73 3dB Beamwidth (deg): 35.76

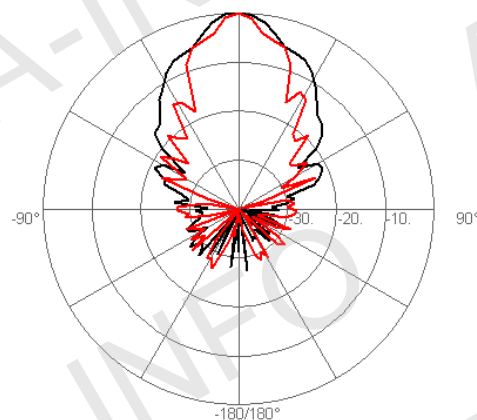
Frequency: 14.5GHz



H-Plane — E-Plane —

3dB Beamwidth (deg): 26.92 3dB Beamwidth (deg): 27.49

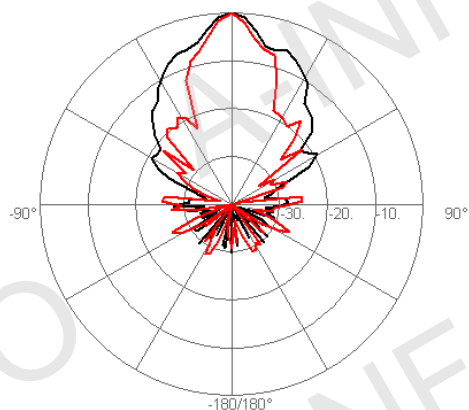
Frequency: 15GHz



H-Plane — E-Plane —

3dB Beamwidth (deg): 13.62 3dB Beamwidth (deg): 21.35

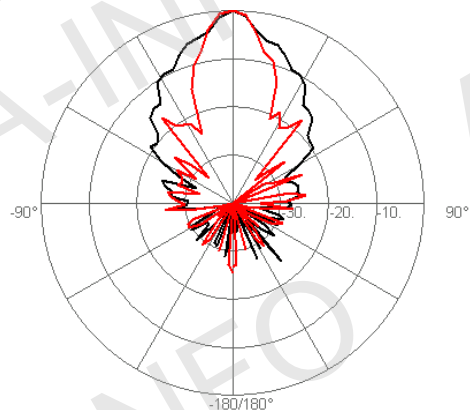
Frequency: 15.5GHz



H-Plane — E-Plane —

3dB Beamwidth (deg): 10.94 3dB Beamwidth (deg): 14.85

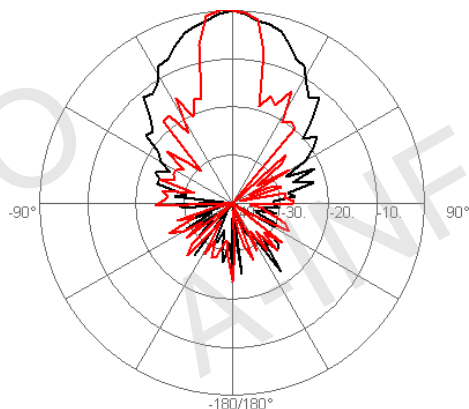
Frequency: 16GHz



H-Plane — E-Plane —

3dB Beamwidth (deg): 13.57 3dB Beamwidth (deg): 13.07

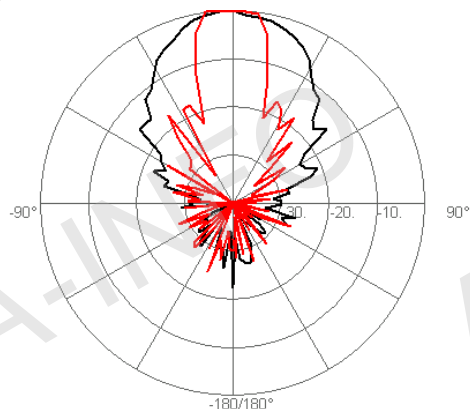
Frequency: 16.5GHz



H-Plane — E-Plane —

3dB Beamwidth (deg): 18.40 3dB Beamwidth (deg): 29.30

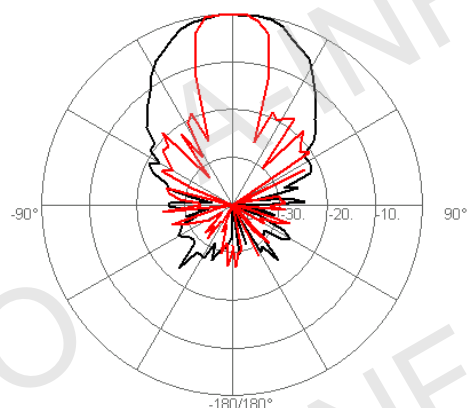
Frequency: 17GHz



H-Plane — E-Plane —

3dB Beamwidth (deg): 21.58 3dB Beamwidth (deg): 36.46

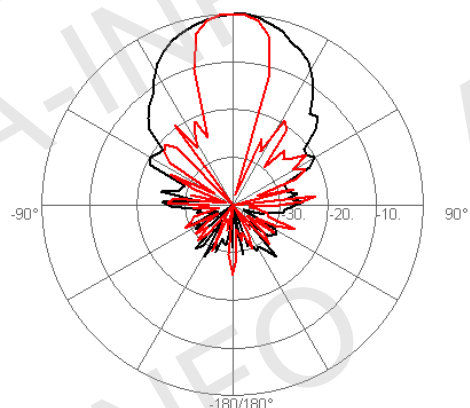
Frequency: 17.5GHz



H-Plane — E-Plane —

3dB Beamwidth (deg): 23.10 3dB Beamwidth (deg): 39.58

Frequency: 18GHz



H-Plane — E-Plane —

3dB Beamwidth (deg): 22.14 3dB Beamwidth (deg): 36.30