

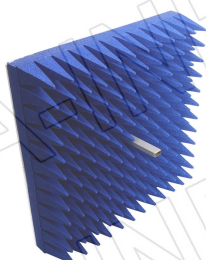
For reference only. See data sheet for the detailed specifications.

Technical Specification

62EWGES



62EWGES-A1

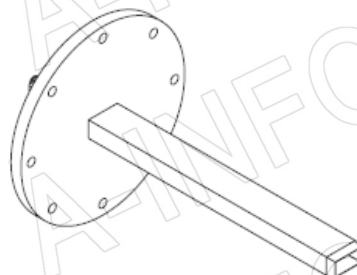
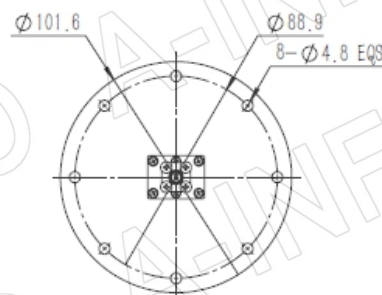
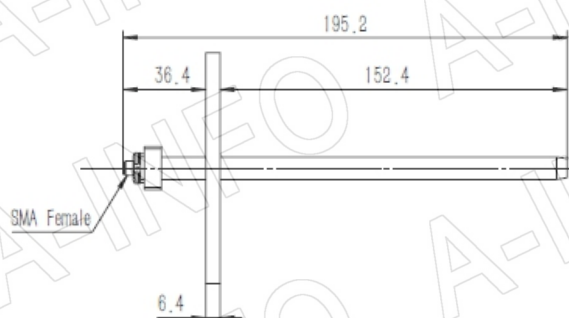


Frequency Range(GHz)	12.4 – 18.0
Waveguide	WR62
Gain(dBi)	5 Typ.
Polarization	Linear
3dB Beamwidth(deg)	E Plane: 107 Typ.
	H Plane: 59 Typ.
Cross Pol. Isolation(dB)	30 Typ.
VSWR	2.0:1 Typ.
Output	Endlaunch SMA-Female or Endlaunch N-Female
Material	Al
Finish	Chemical Conversion Coating, Gray Paint
Size(mm)	62EWGEx: 101.6 x 101.6 x 195.2
	62EWGEx-A1: 399.6 x 399.6 x 195.2
Net Weight(Kg)	62EWGEx: 0.15 Around
	62EWGEx-A1: 2.4 Around

Outline Drawing (Size: mm)

Endlaunch SMA-Female Output (P/N: 62EWGES)

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



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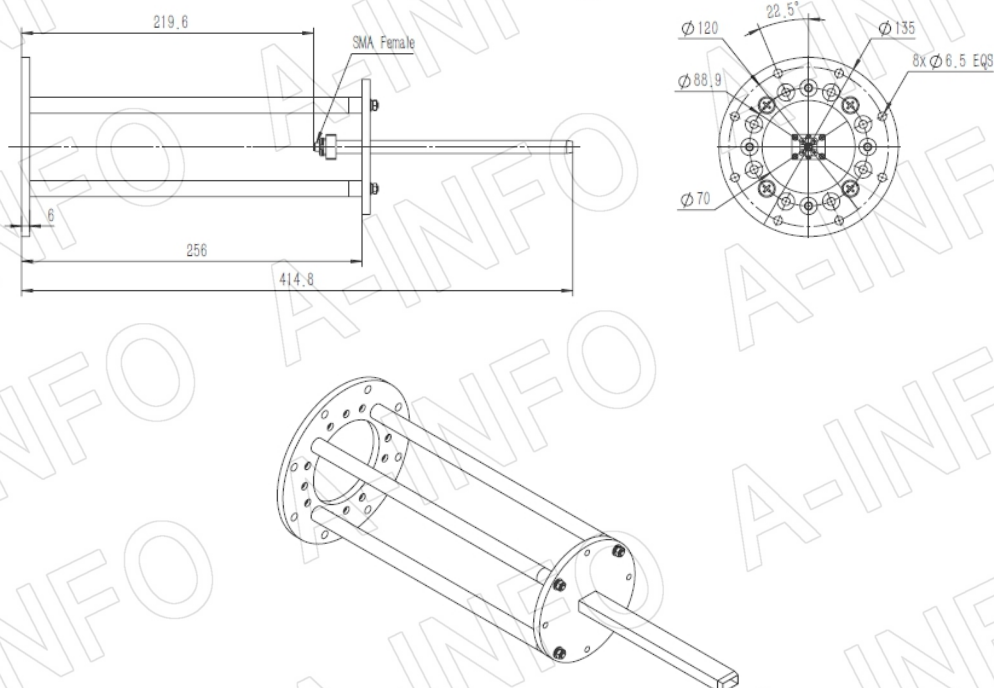
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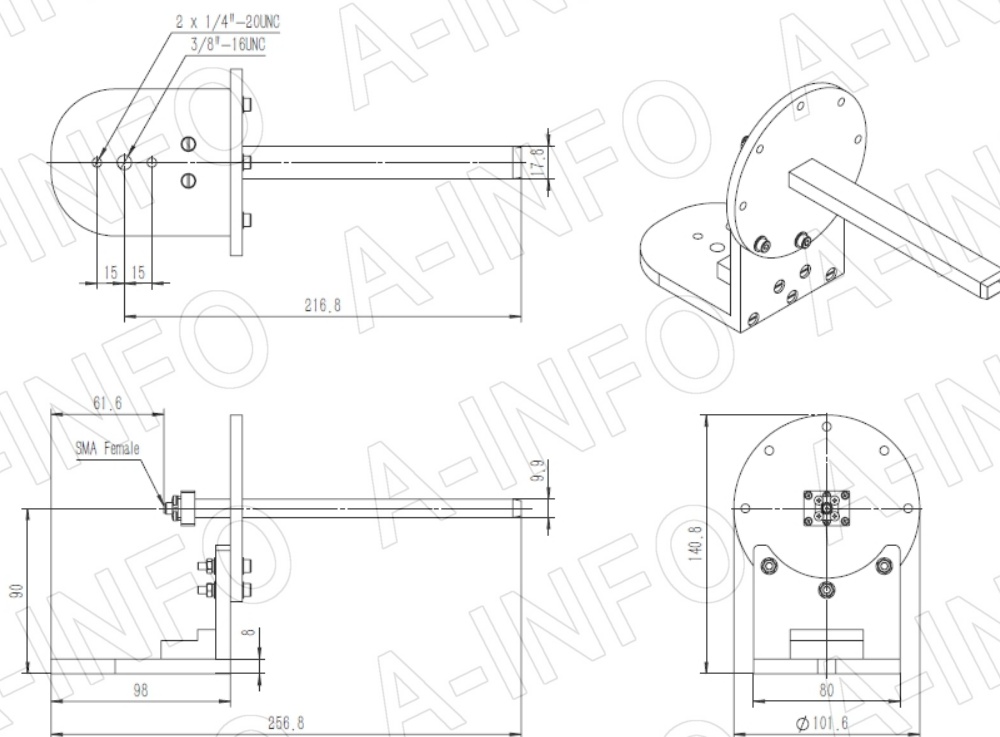
Endlaunch SMA-Female Output with Round Mounting Bracket (Option, P/N: EWG-MB40)

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



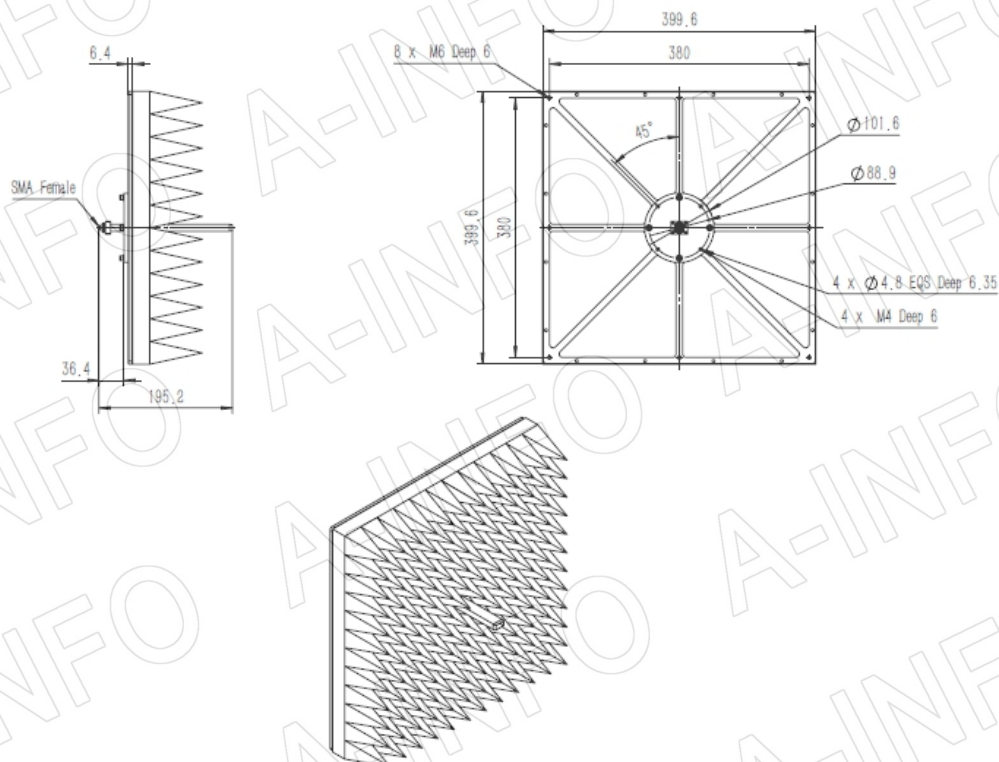
Endlaunch SMA-Female Output with L Type Mounting Bracket (Option, P/N: EWG-L30/FRP)

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



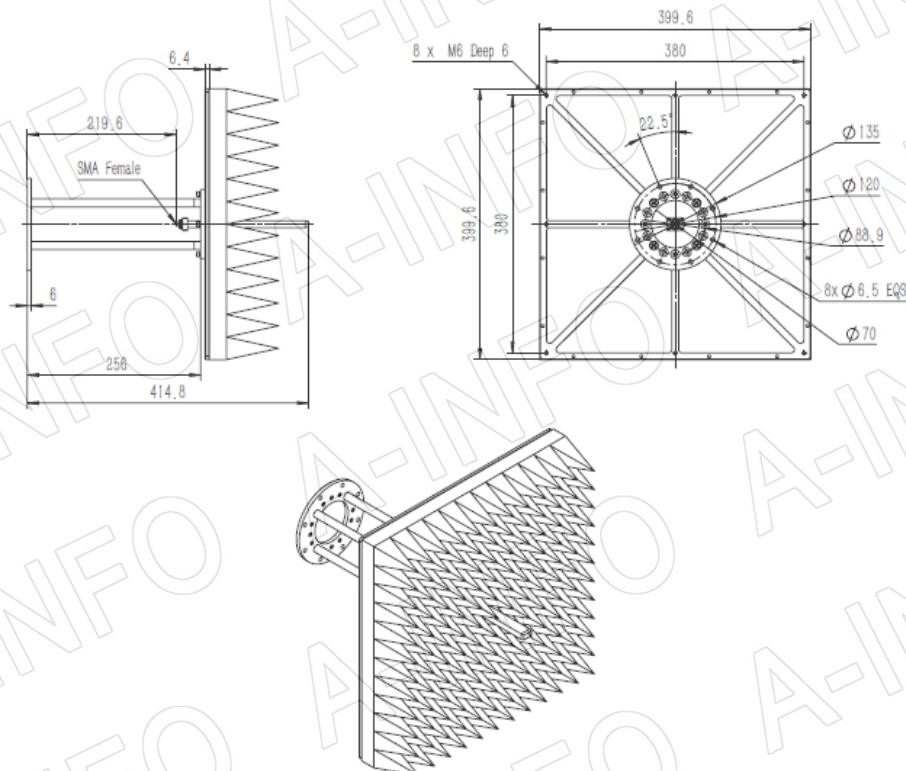
Endlaunch SMA-Female Output, Equipped with Absorber (Option, P/N: 62EWGES-A1)

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



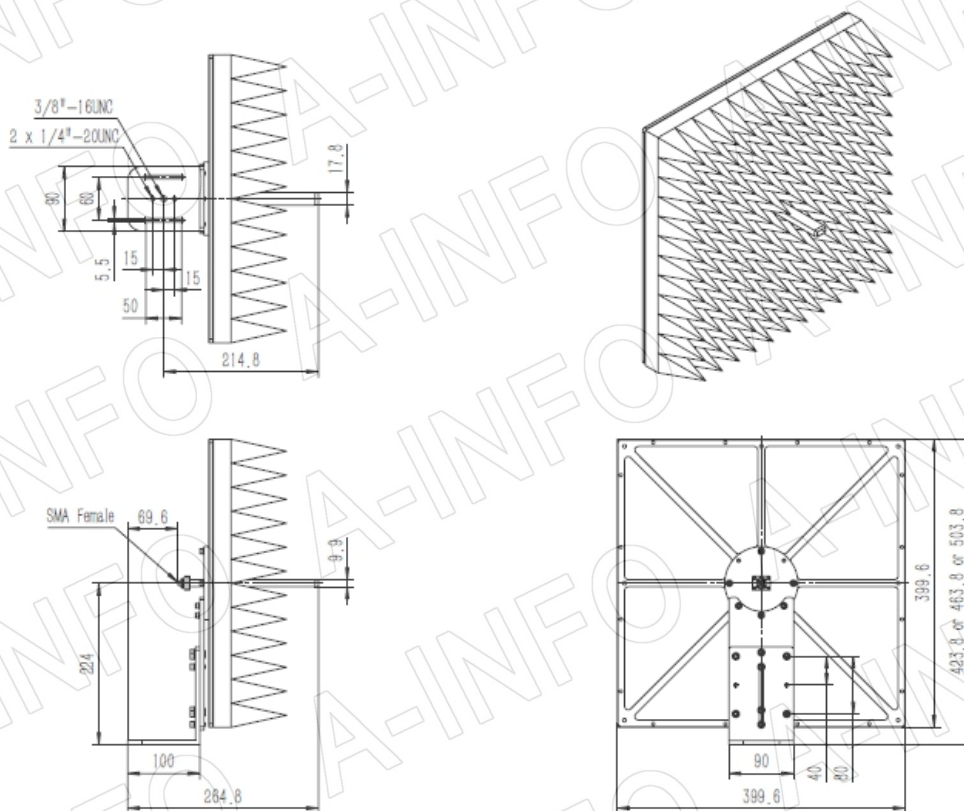
Endlaunch SMA-Female Output with Round Mounting Bracket, Equipped with Absorber (Option, P/N: EWG-MB40 & 62EWGES-A1)

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



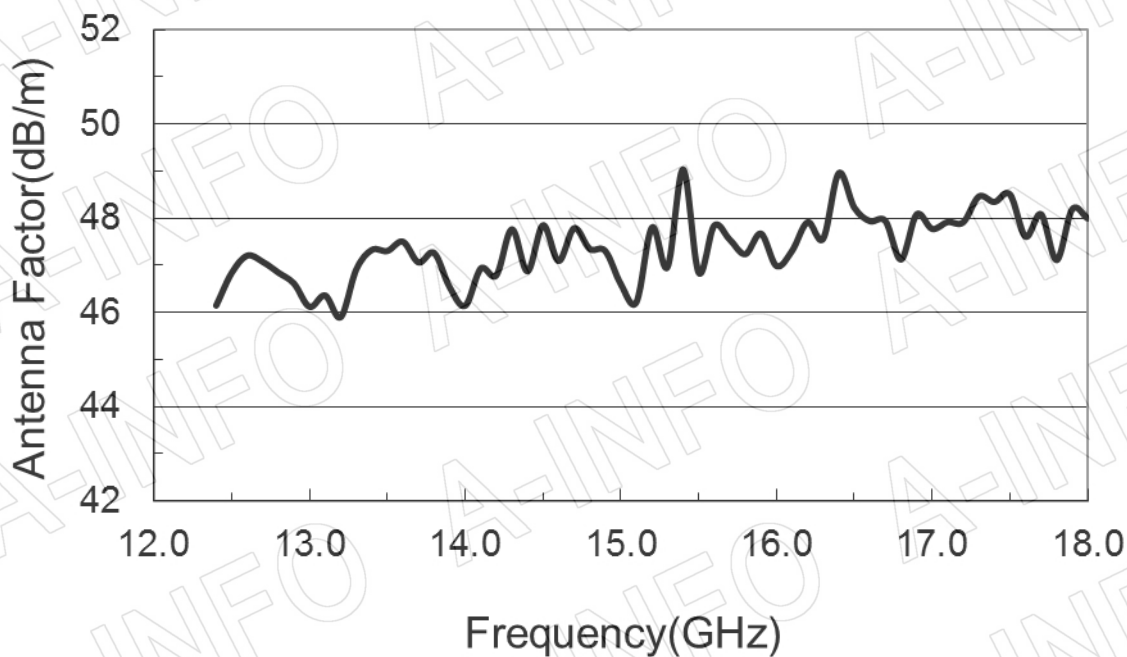
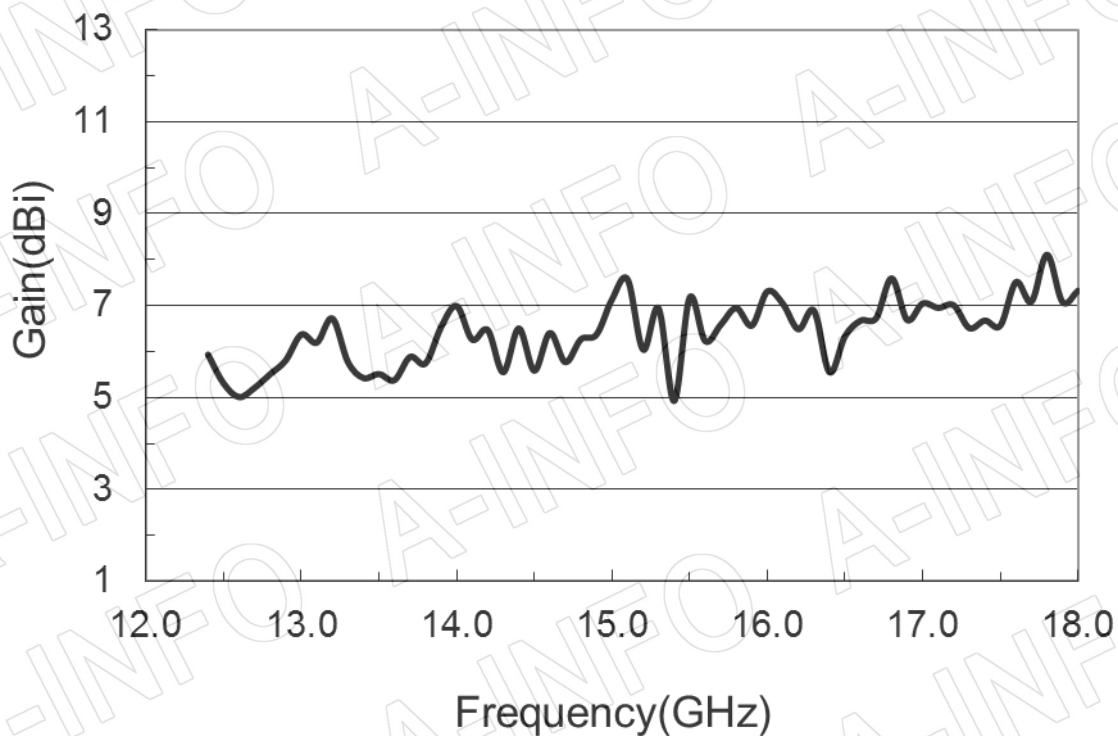
Endlaunch SMA-Female Output with L Type Mounting Bracket, Equipped with Absorber (Option, P/N: EWG-L40 & 62EWGES-A1)

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

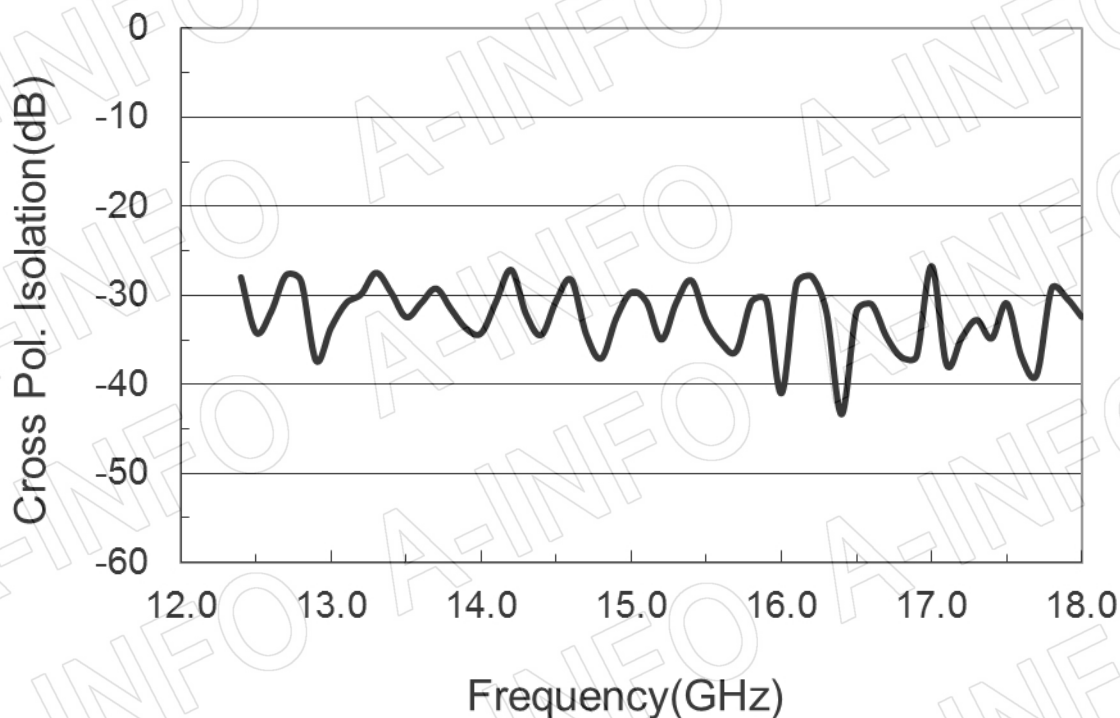


Test Results

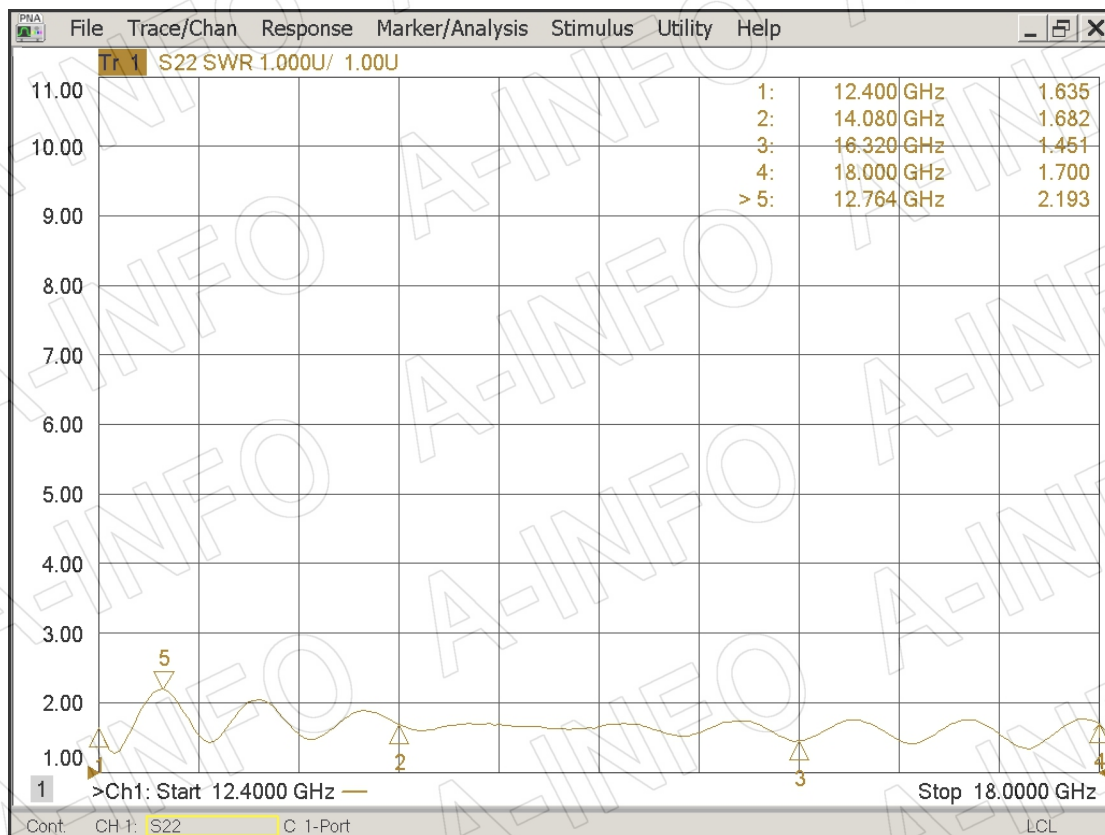
1. Gain & Antenna Factor



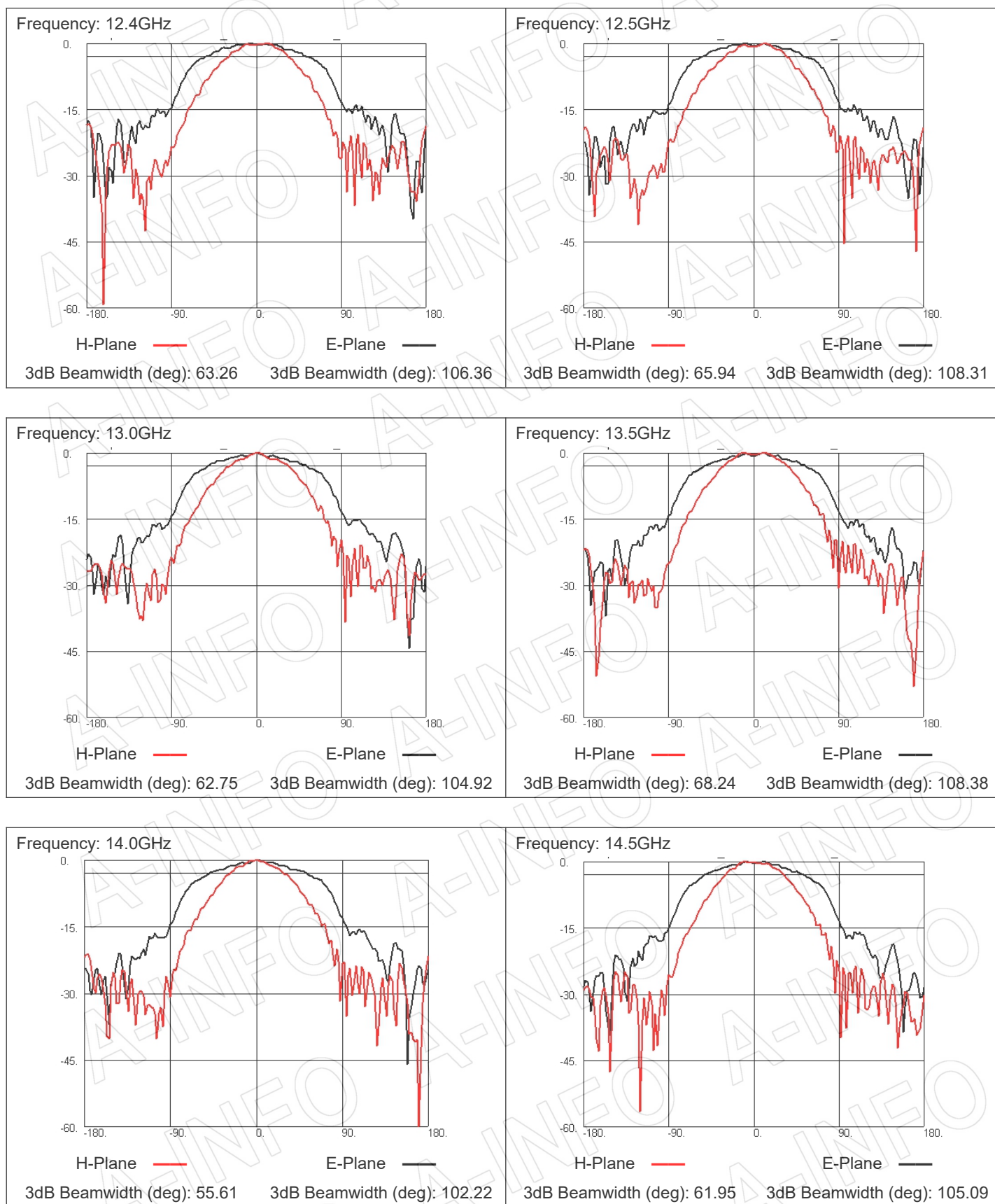
2. Cross Polarization Isolation



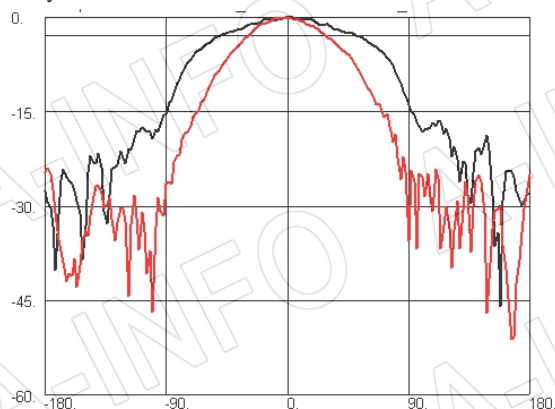
3. VSWR



4. Pattern

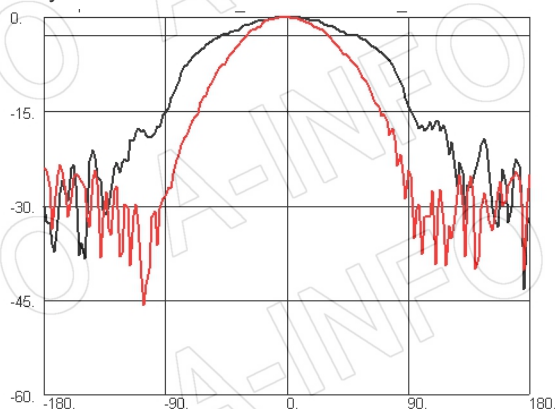


Frequency: 15.0GHz



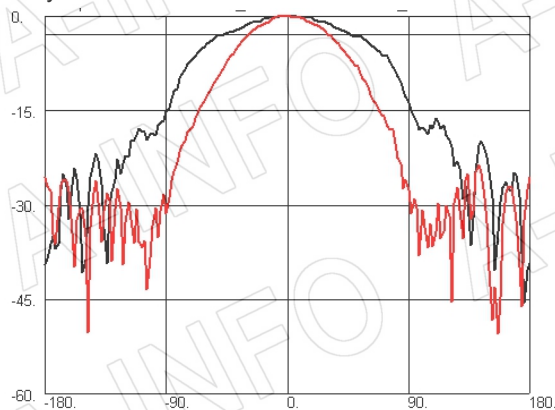
H-Plane — E-Plane —
3dB Beamwidth (deg): 57.55 3dB Beamwidth (deg): 102.07

Frequency: 15.5GHz



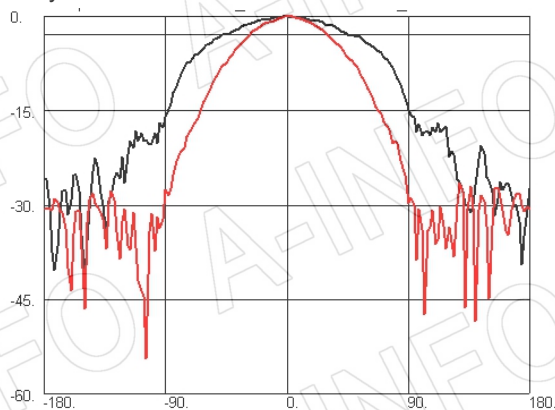
H-Plane — E-Plane —
3dB Beamwidth (deg): 61.51 3dB Beamwidth (deg): 101.78

Frequency: 16.0GHz



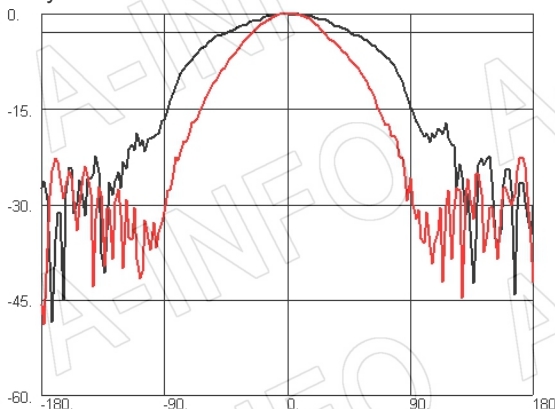
H-Plane — E-Plane —
3dB Beamwidth (deg): 60.13 3dB Beamwidth (deg): 95.42

Frequency: 16.5GHz



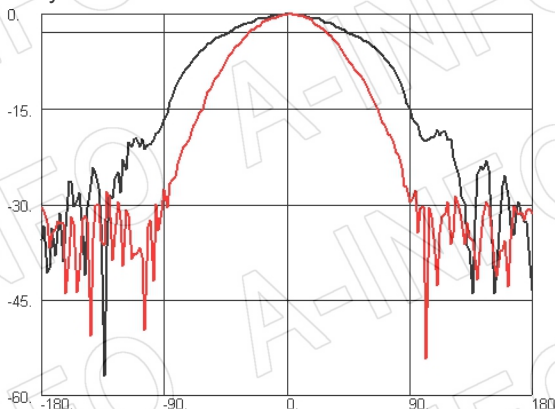
H-Plane — E-Plane —
3dB Beamwidth (deg): 57.87 3dB Beamwidth (deg): 93.33

Frequency: 17.0GHz



H-Plane — E-Plane —
3dB Beamwidth (deg): 52.29 3dB Beamwidth (deg): 90.67

Frequency: 17.5GHz



H-Plane — E-Plane —
3dB Beamwidth (deg): 57.62 3dB Beamwidth (deg): 86.89

