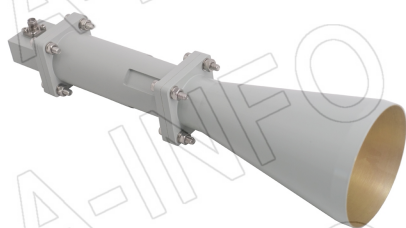


For reference only. See data sheet for the detailed specifications.

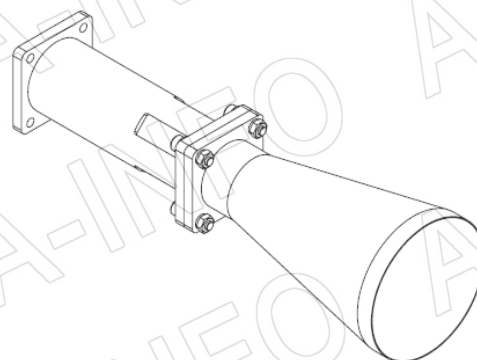
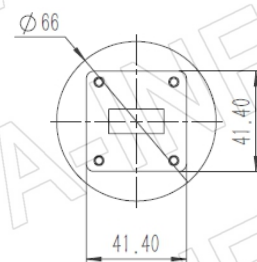
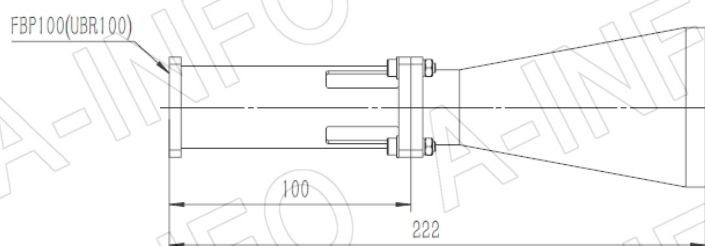
Technical Specification



Frequency Range(GHz)	8.2 - 12.4
Waveguide	WR90
Gain(dBi)	15 Typ.
Polarization	Linear
3dB Beamwidth(deg)	E Plane: 25 Typ.
	H Plane: 30 Typ.
Cross Pol. Isolation(dB)	40 Typ.
VSWR	A Type: 1.25:1 Max.
	C Type: 1.50:1 Max.
Output	A Type: FBP100(UBR100)
	C Type: SMA-Female or N-Female or TNC-Female or 7mm or 3.5mm-Female
Material	Al
Finish	Chemical Conversion Coating, Gray Paint
Size(mm)	A Type: 66 x 66 x 222
	C Type: 66 x 66 x 260
Net Weight(Kg)	A Type: 0.29 Around
	C Type: 0.39 Around

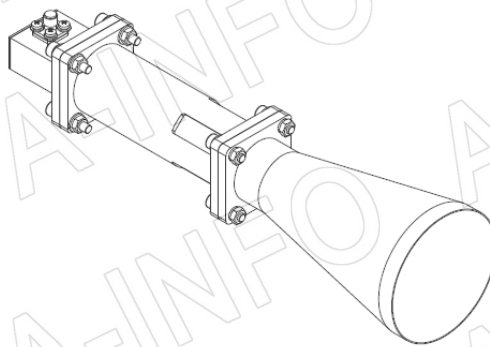
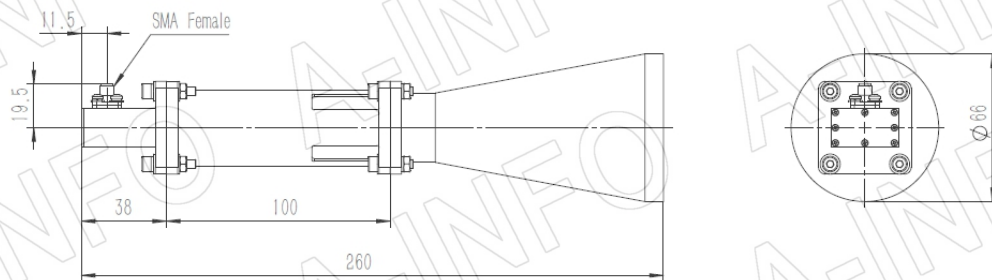
Outline Drawing (Size: mm)

FBP100 Output (P/N: LB-CNH-90-15-A)



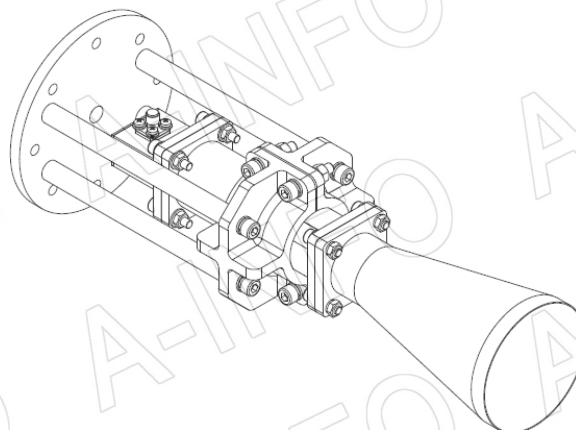
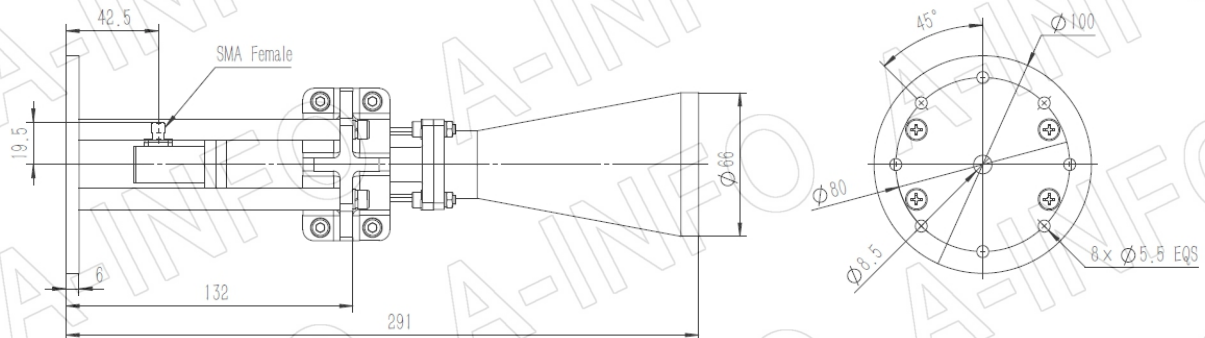
SMA-Female Output (P/N: LB-CNH-90-15-C-SF)

For N-Female, TNC- Female, 7mm or 3.5mm-Female output outline drawing, please contact A-INFO.



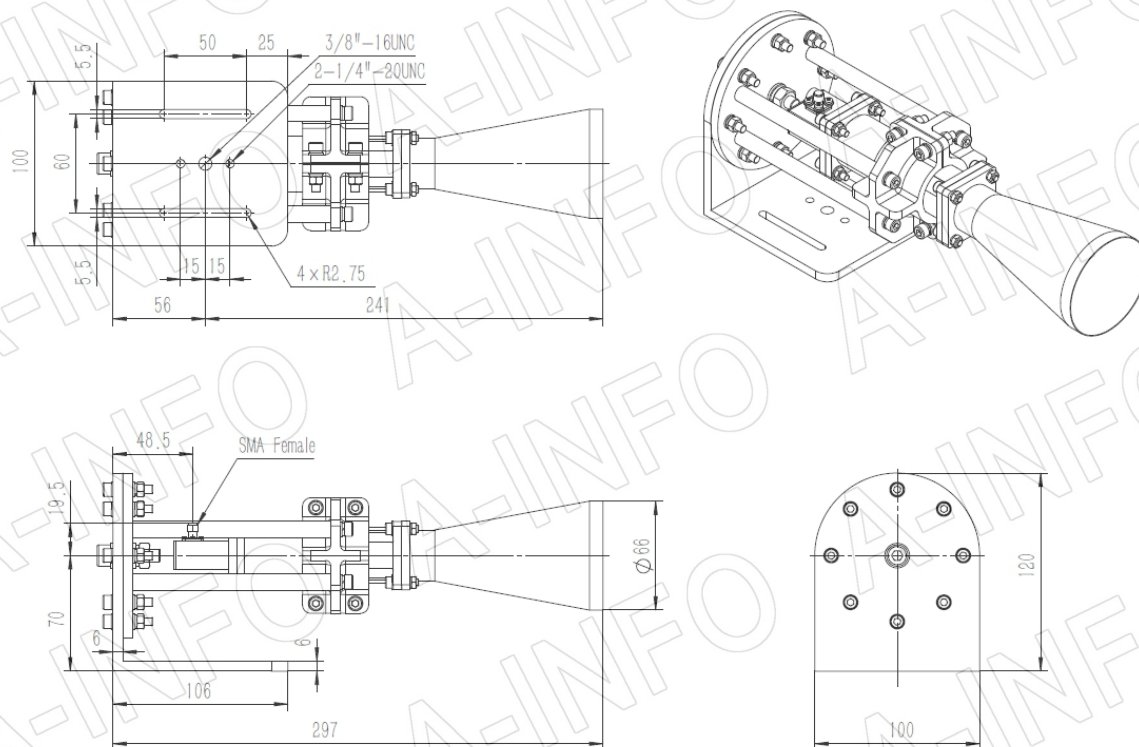
SMA-Female Output with Round Mounting Bracket (Option, P/N: LB-CNH-90-10-MB)

For N-Female, TNC- Female, 7mm or 3.5mm-Female output outline drawing, please contact A-INFO.

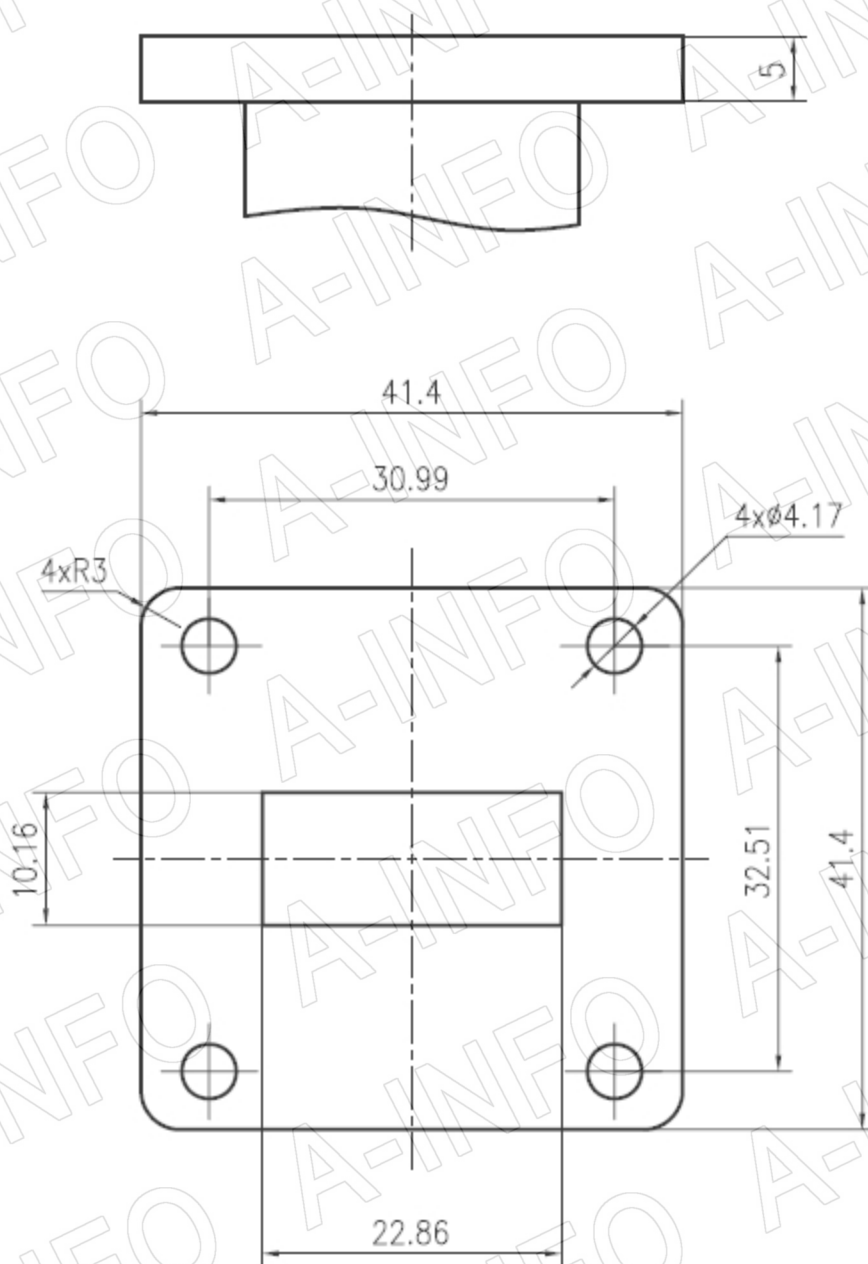


SMA-Female Output with L Type Mounting Bracket (Option, P/N: LB-CN-90-10-MBL)

For N-Female, TNC- Female, 7mm or 3.5mm-Female output outline drawing, please contact A-INFO.



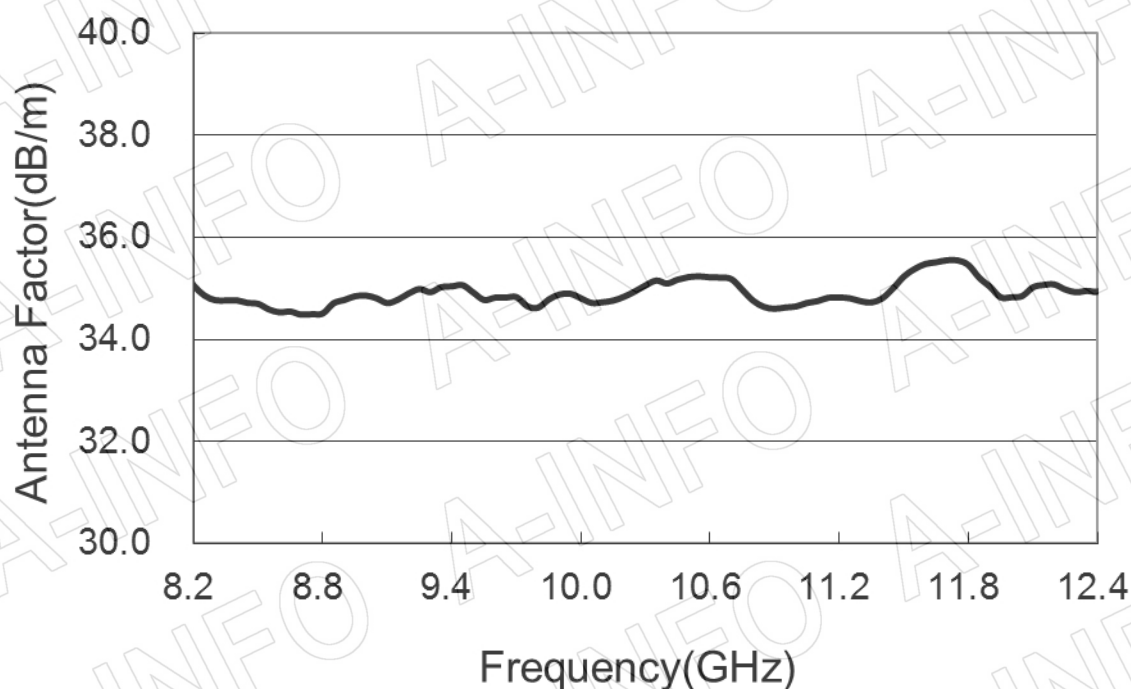
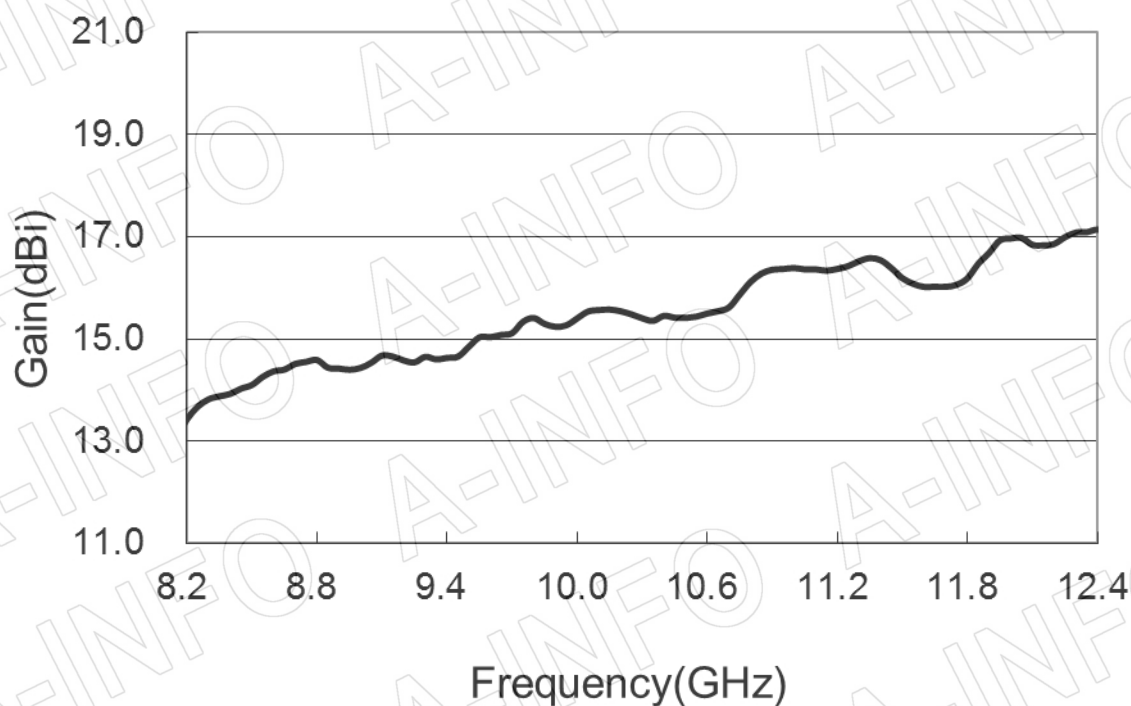
Flange Drawing (Size: mm)



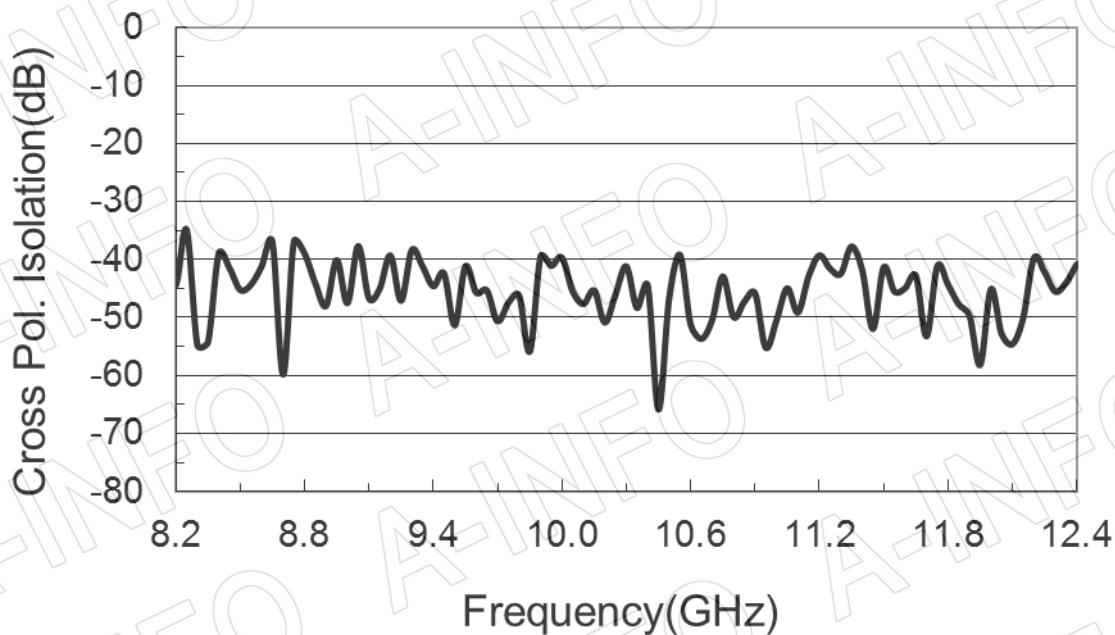
FBP100

Test Results

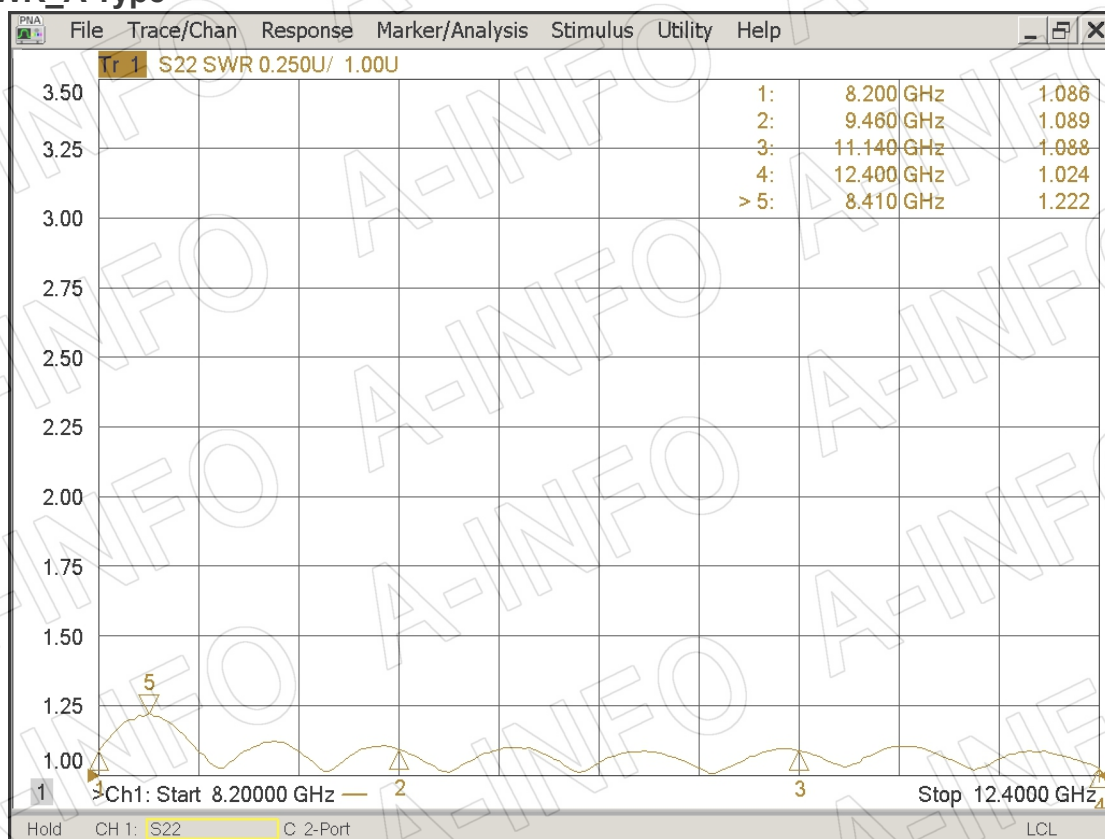
1. Gain & Antenna Factor



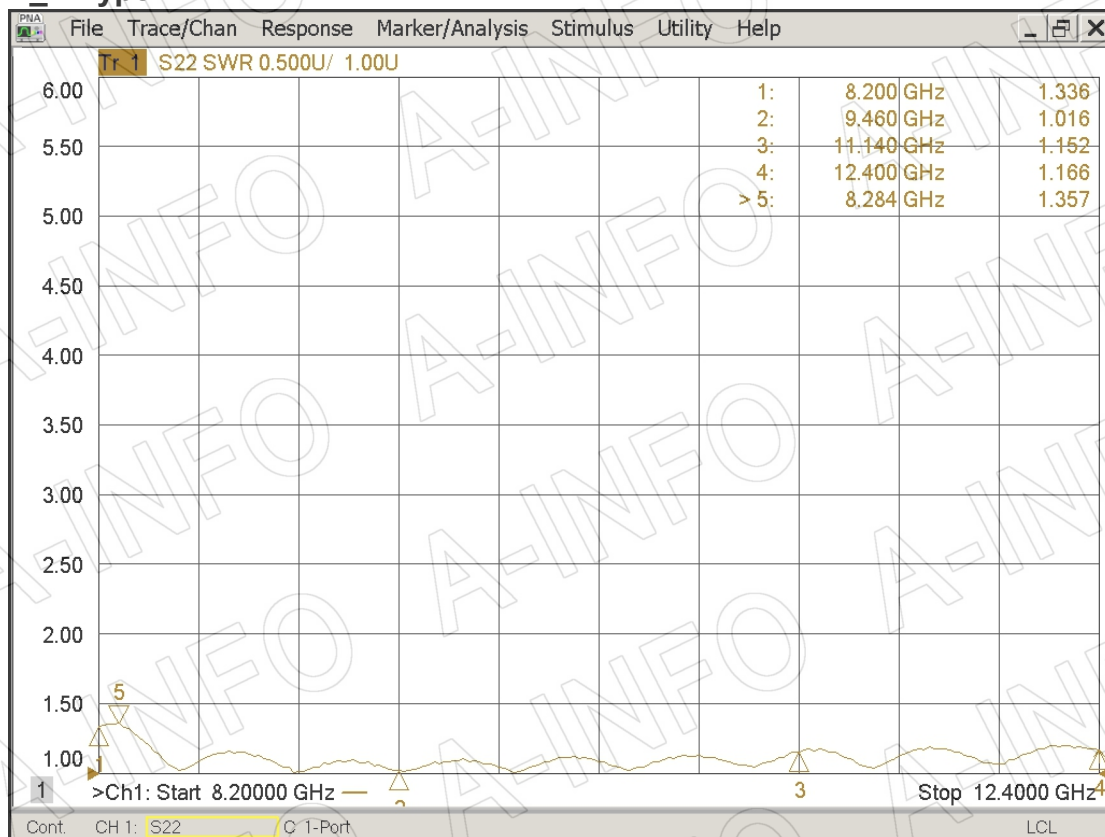
2. Cross Polarization Isolation



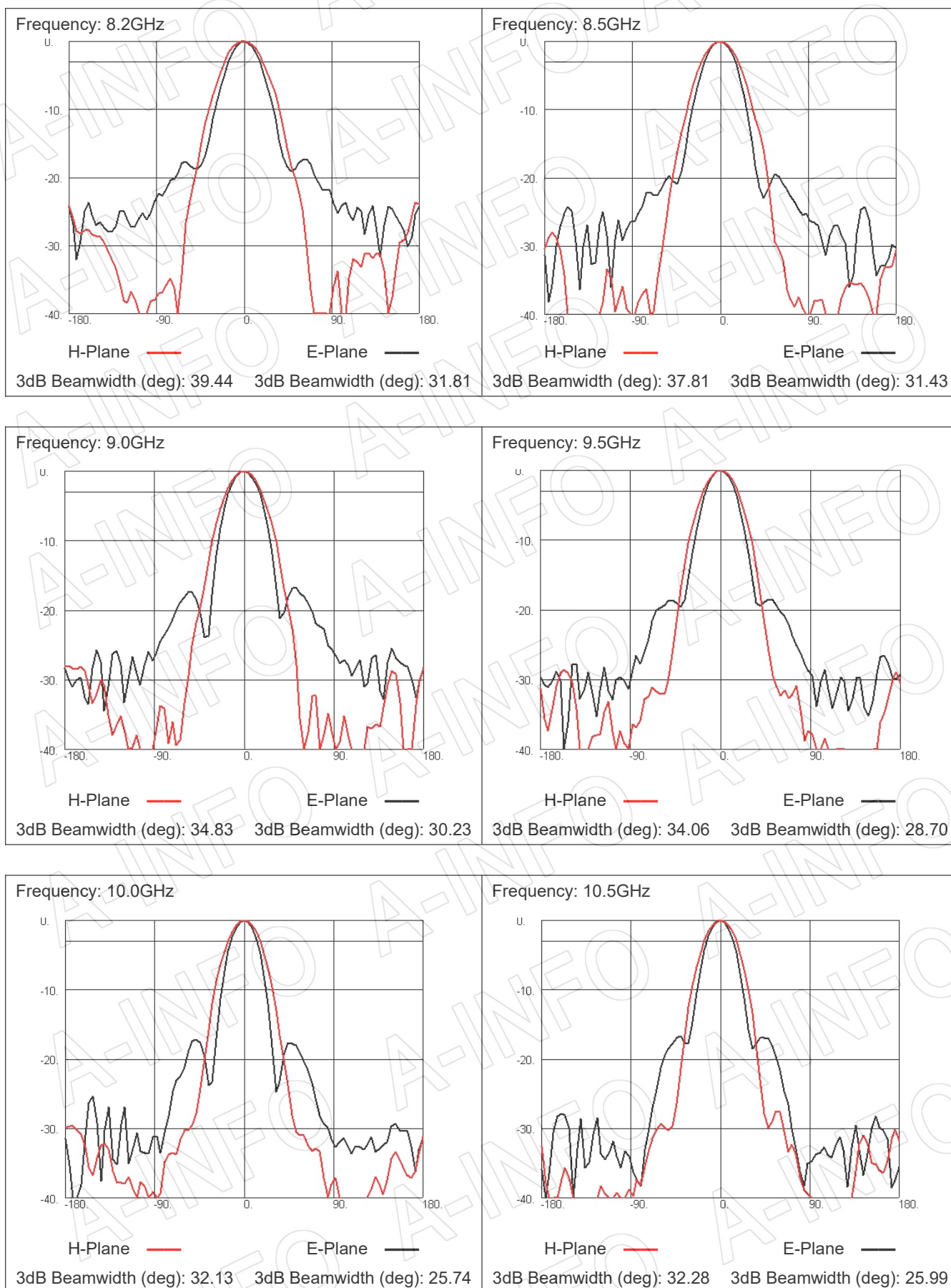
3. VSWR_A Type



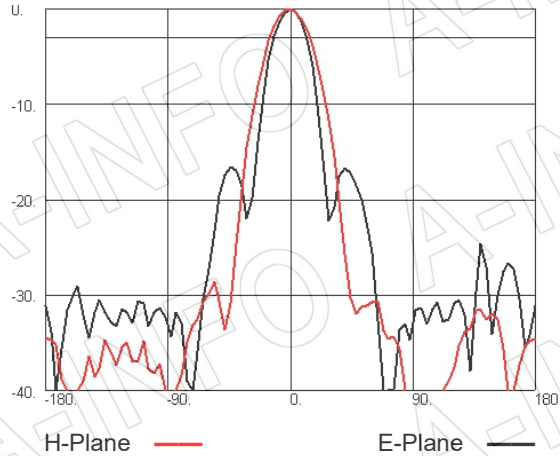
VSWR_C Type



4. Pattern

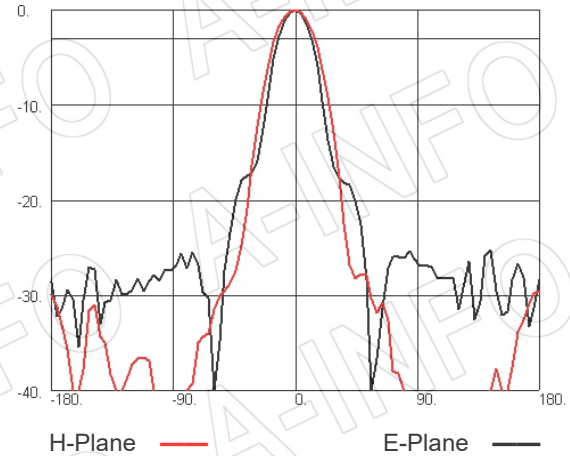


Frequency: 11.0GHz



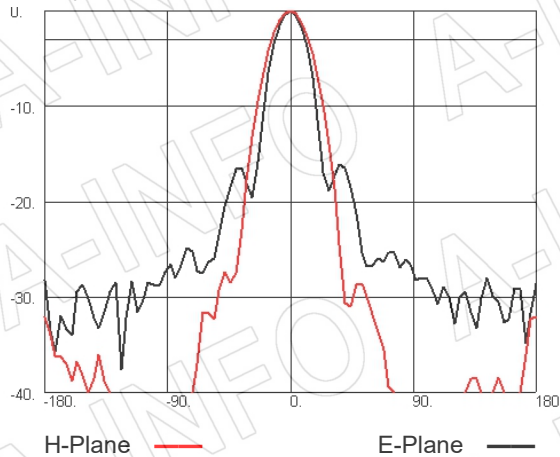
3dB Beamwidth (deg): 28.84 3dB Beamwidth (deg): 23.58

Frequency: 11.5GHz



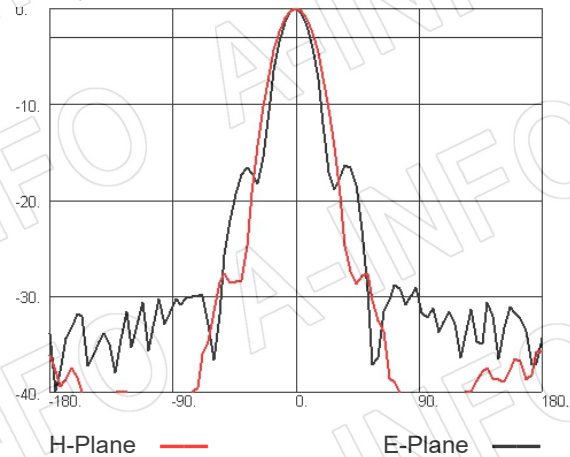
3dB Beamwidth (deg): 29.12 3dB Beamwidth (deg): 24.05

Frequency: 12.0GHz



3dB Beamwidth (deg): 26.25 3dB Beamwidth (deg): 21.40

Frequency: 12.4GHz



3dB Beamwidth (deg): 26.17 3dB Beamwidth (deg): 21.17