

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

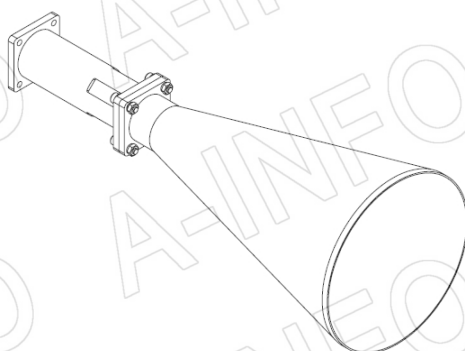
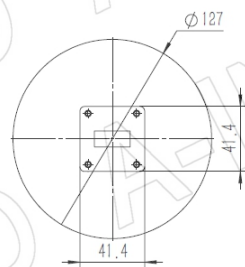
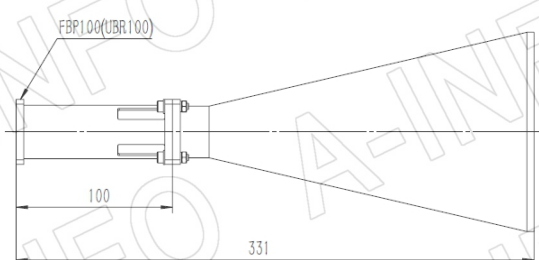
Technical Specification



Frequency Range(GHz)	8.2 - 12.4
Waveguide	WR90
Gain(dBi)	20 Typ.
Polarization	Linear
3dB Beamwidth(deg)	E Plane: 13 Typ.
	H Plane: 15 Typ.
Cross Pol. Isolation(dB)	45 Typ.
VSWR	A Type: 1.25 Max.
	C Type: 1.50 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: 127 x 127 x 331
	C Type: 127 x 127 x 369
Net Weight(Kg)	A Type: 0.50 Around
	C Type: 0.55 Around

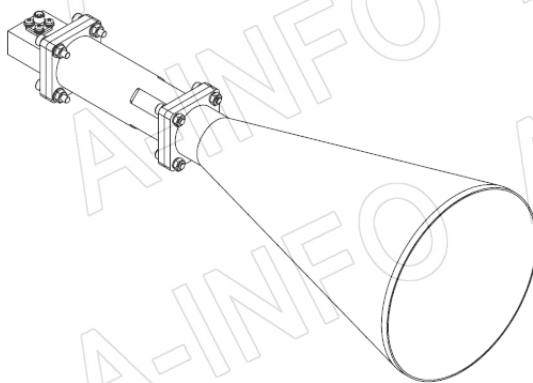
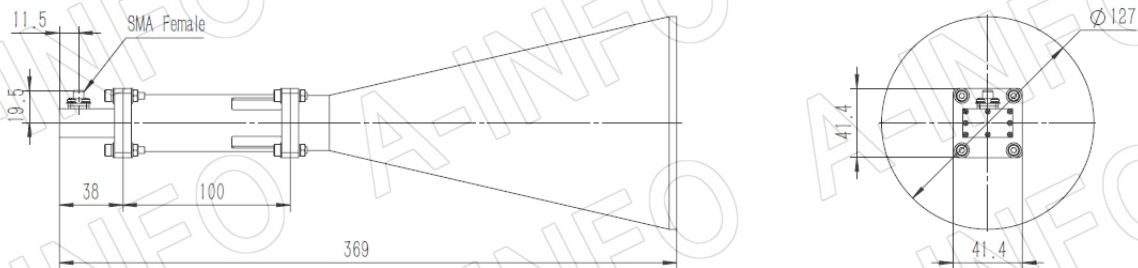
Outline Drawing (Size: mm)

FBP100 Output (P/N: LB-CNH-90-20-A)



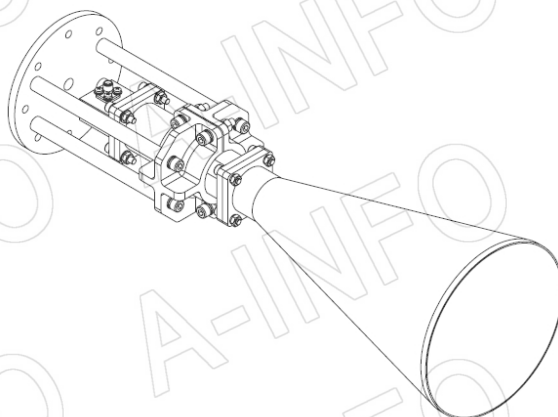
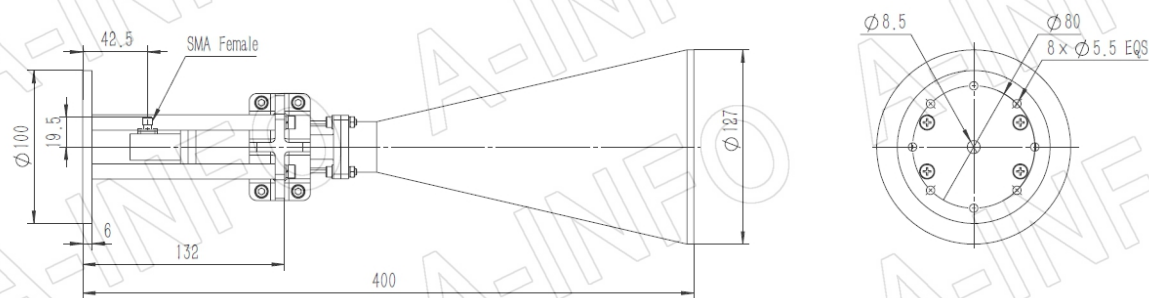
SMA-Female Output (P/N: LB-CNH-90-20-C-SF)

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



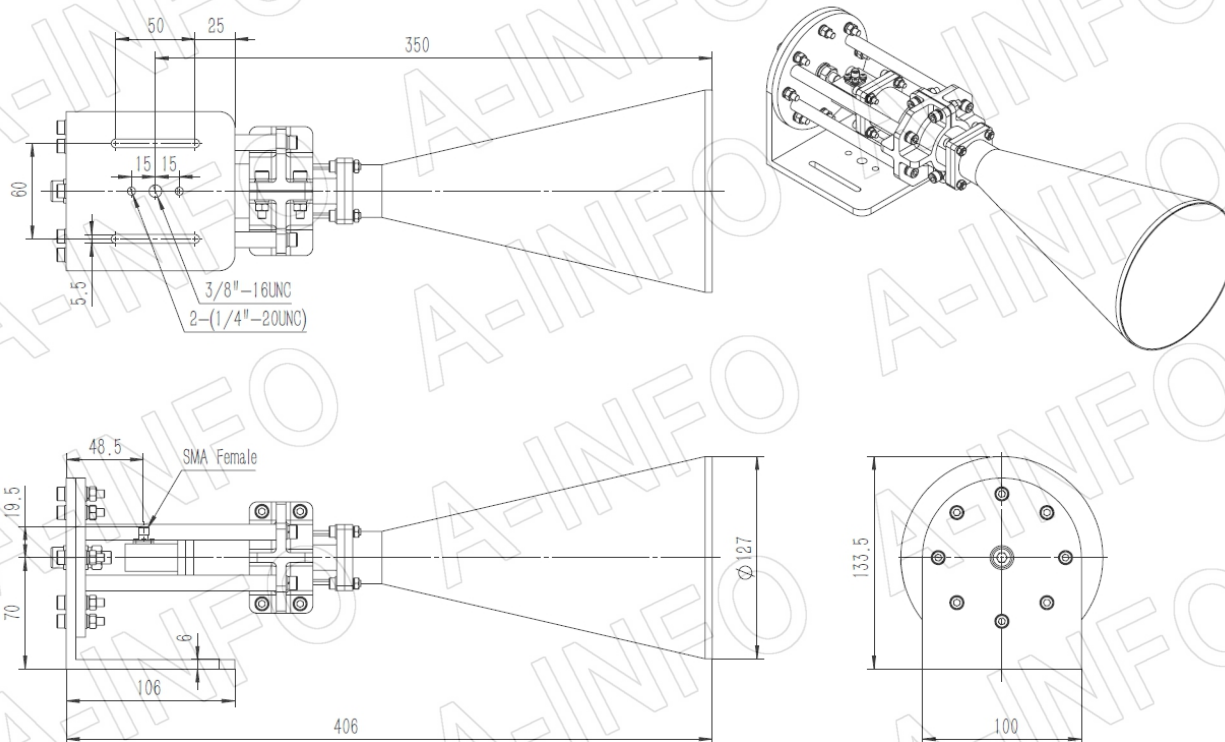
SMA-Female Output with Round Mounting Bracket (Option, P/N: LB-CNH-90-10-MB)

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

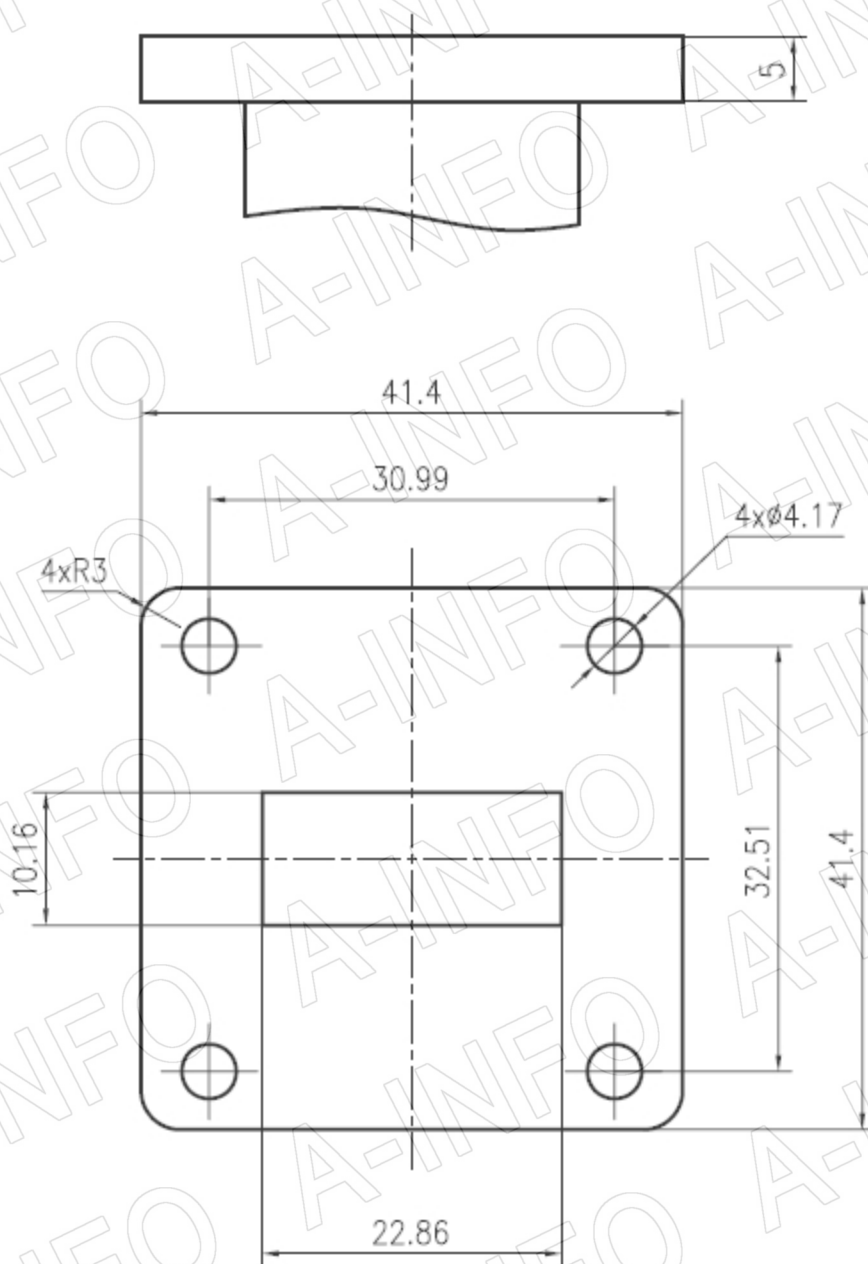


SMA-Female Output with L Type Mounting Bracket (Option, P/N: LB-CNH-90-10-MBL)

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



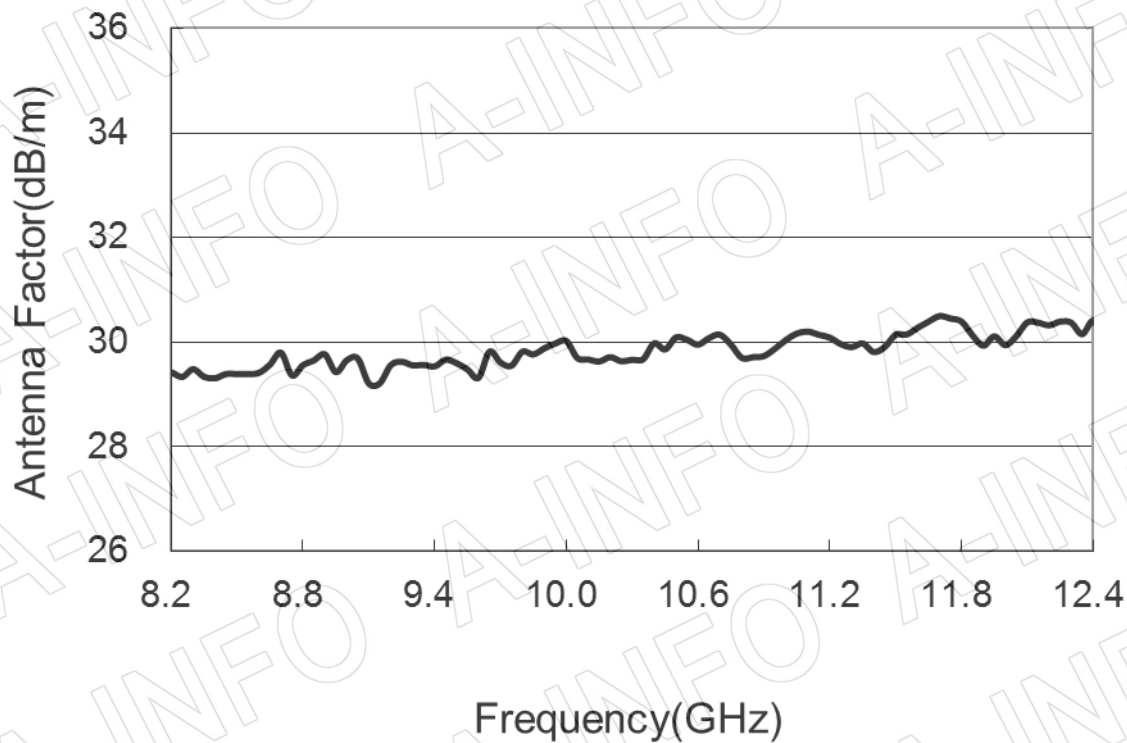
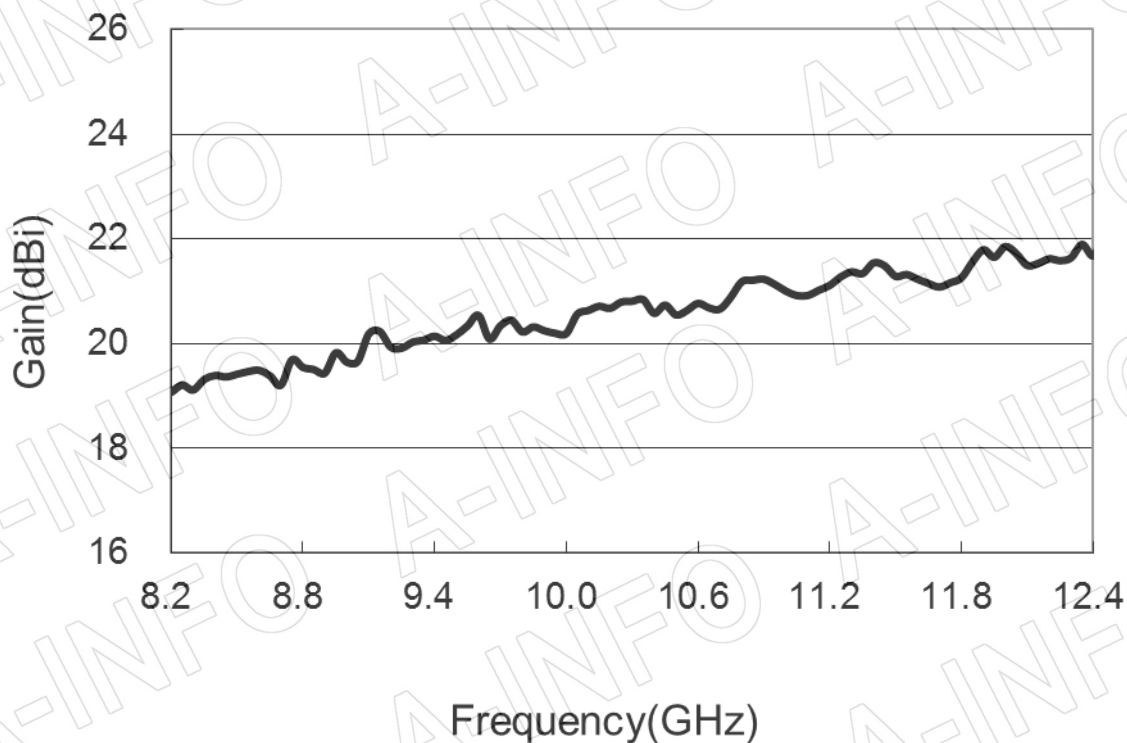
Flange Drawing (Size: mm)



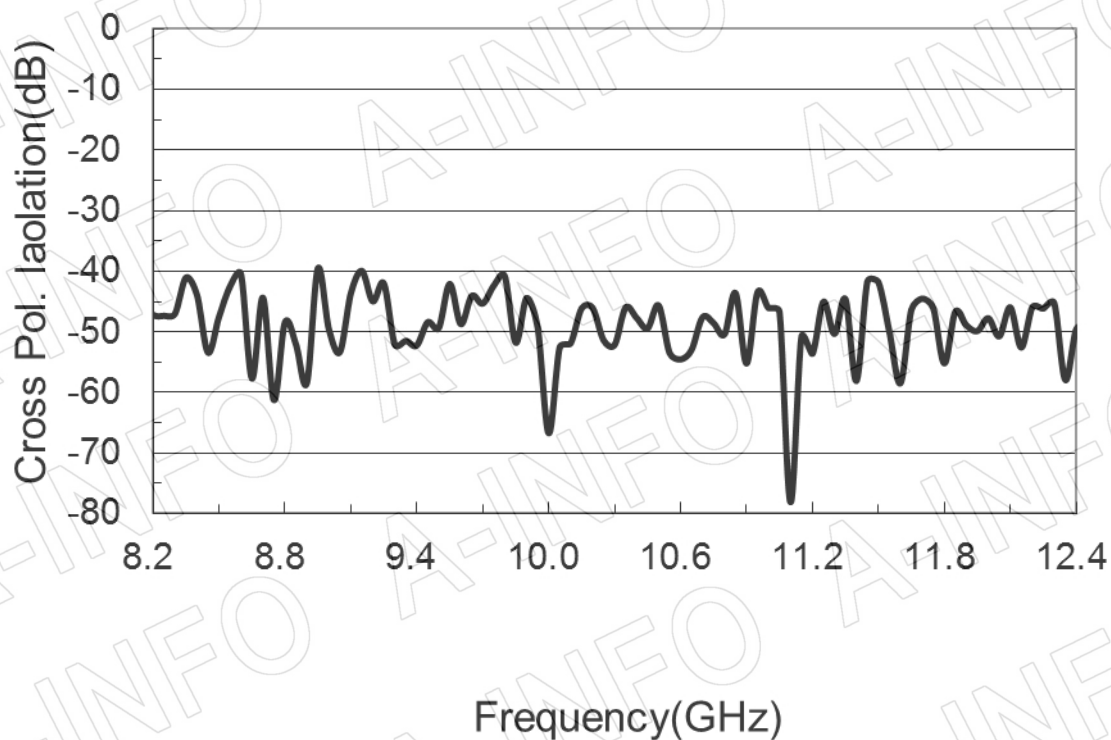
FBP100

Test Results

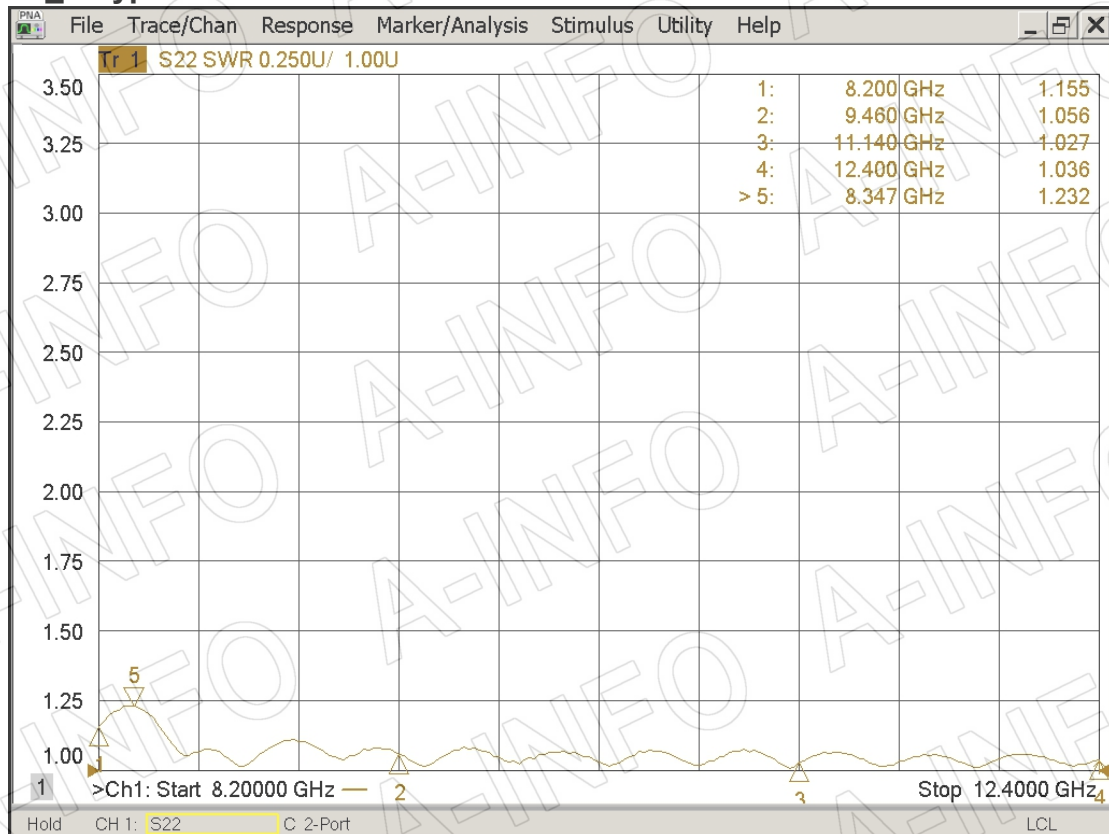
1. Gain & Antenna Factor



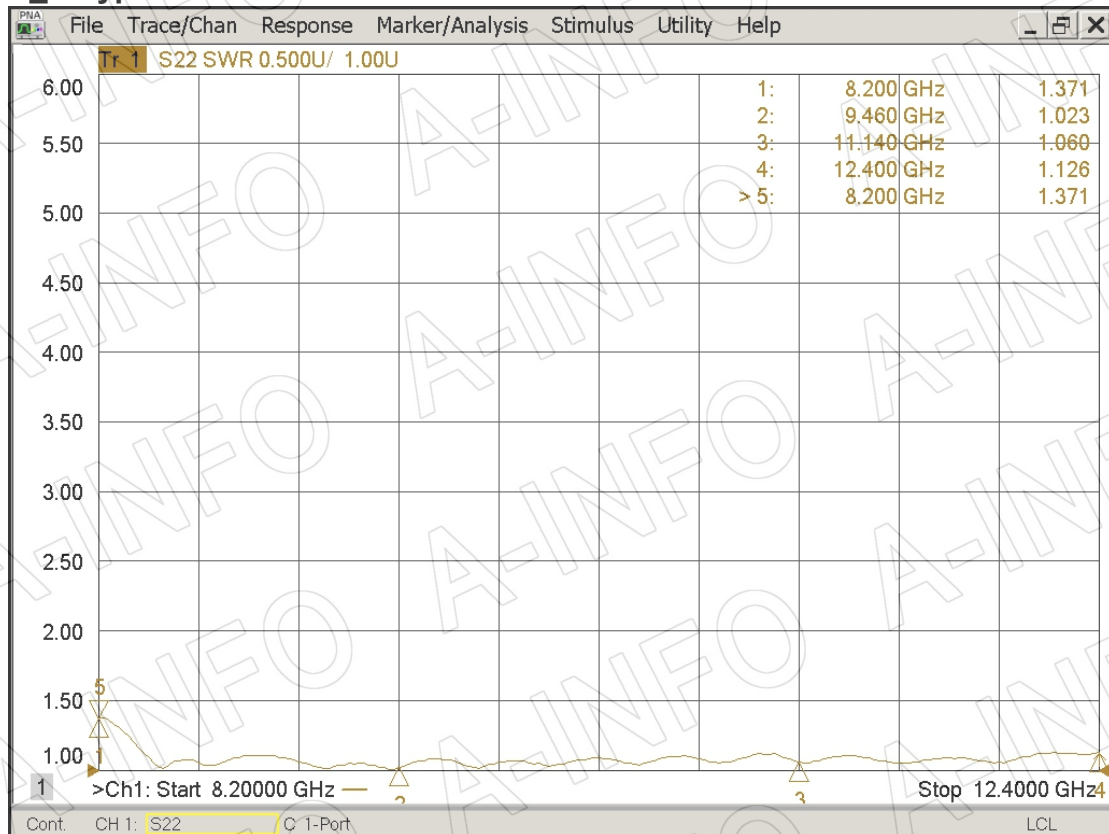
2. Cross Polarization Isolation



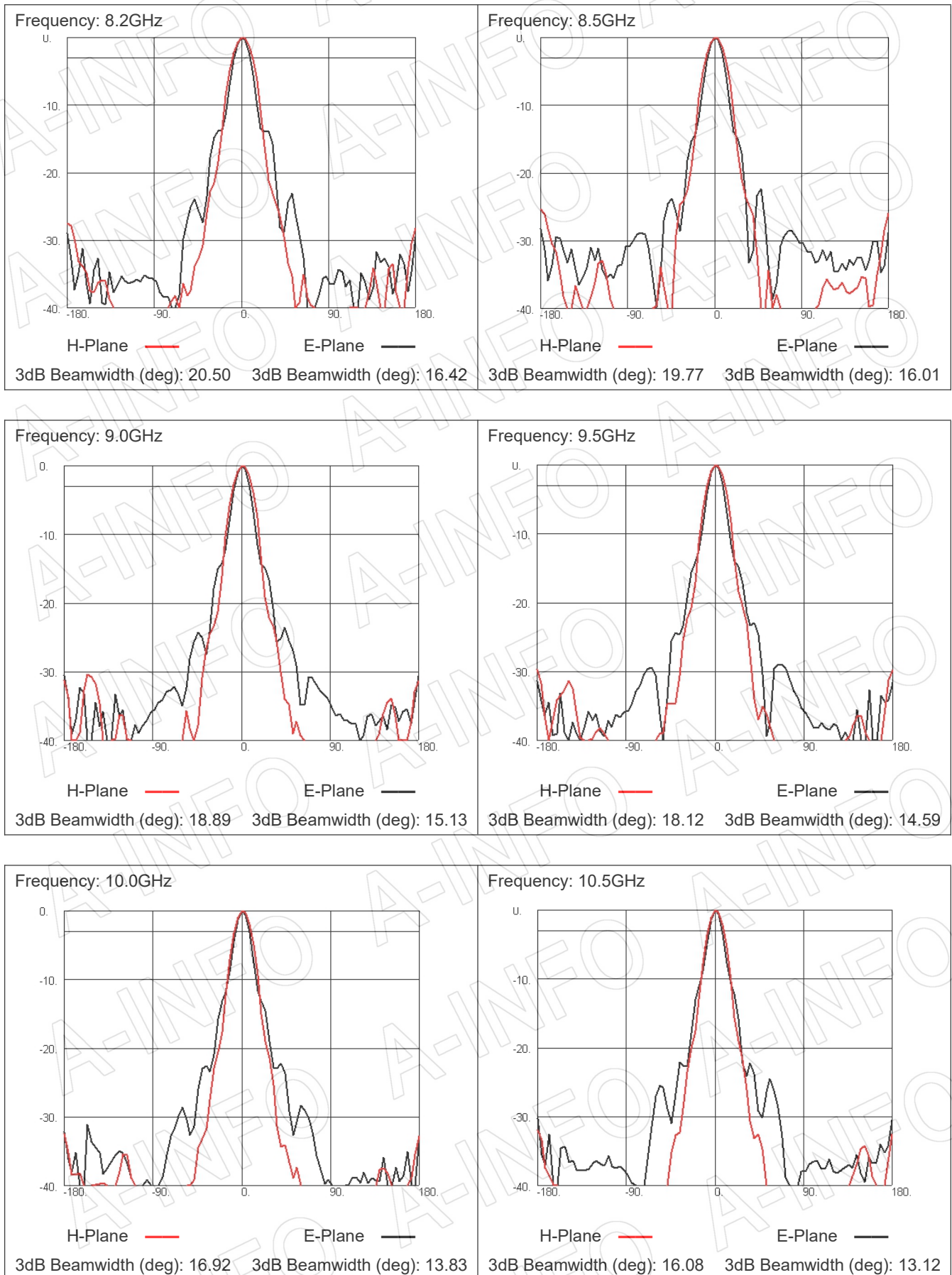
3. VSWR_A Type



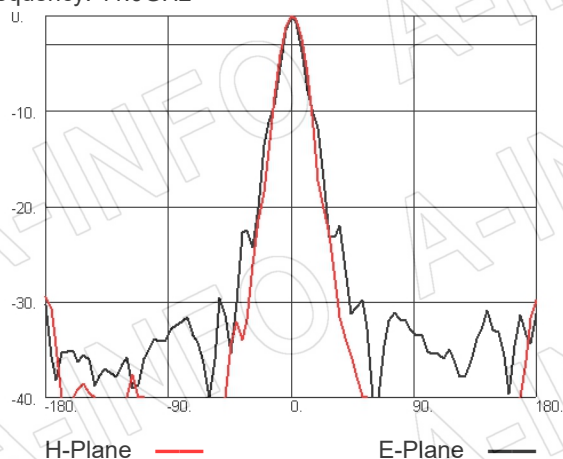
VSWR_C Type



4. Pattern

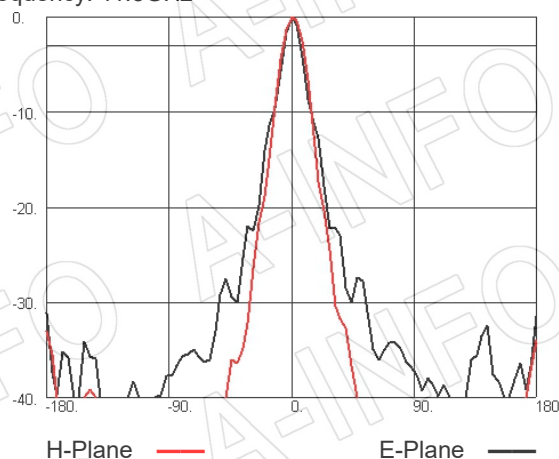


Frequency: 11.0GHz



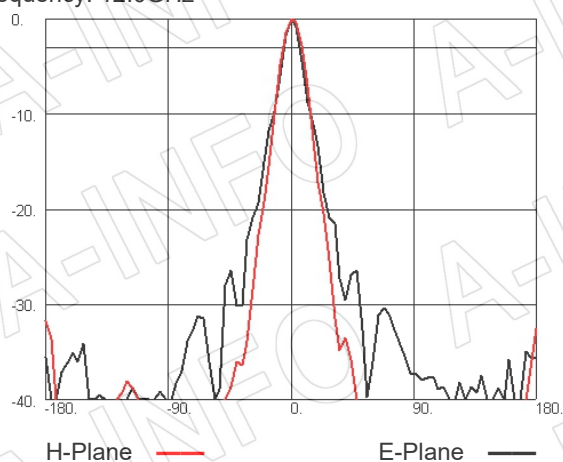
3dB Beamwidth (deg): 15.15 3dB Beamwidth (deg): 12.41

Frequency: 11.5GHz



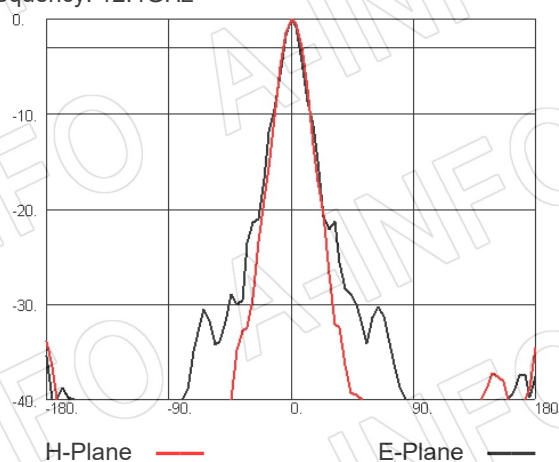
3dB Beamwidth (deg): 14.63 3dB Beamwidth (deg): 11.83

Frequency: 12.0GHz



3dB Beamwidth (deg): 14.12 3dB Beamwidth (deg): 11.48

Frequency: 12.4GHz



3dB Beamwidth (deg): 13.84 3dB Beamwidth (deg): 11.50