

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

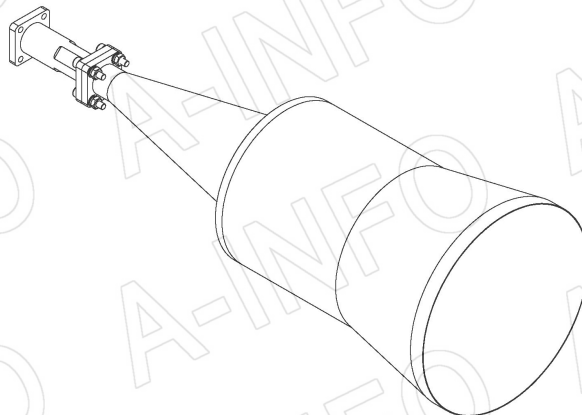
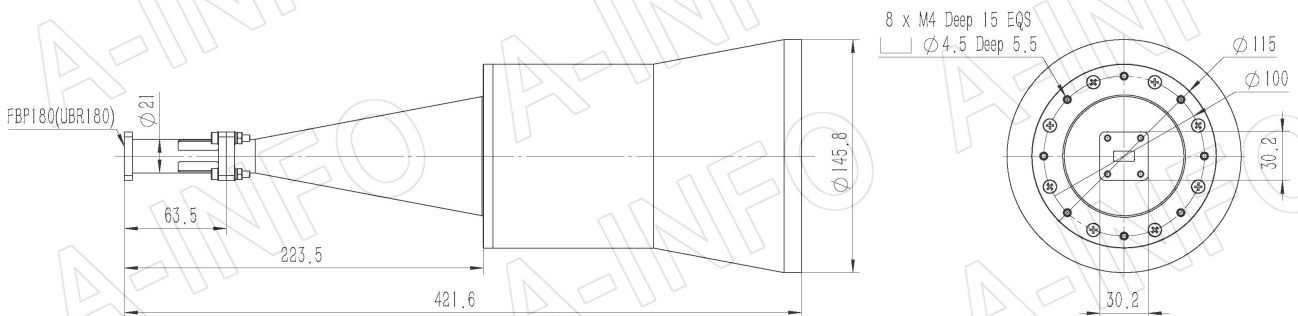
## Technical Specification



Frequency Range(GHz)	15.0 – 22.0
Waveguide	WR51
Gain(dBi)	25 Typ.
Polarization	Linear
3dB Beamwidth(deg)	E Plane: 8 Typ.
	H Plane: 9 Typ.
Cross Pol. Isolation(dB)	45 Typ.
VSWR	A Type: 1.20:1 Max.
	C Type: 1.40:1 Max.
Output	A Type: FBP180(UBR180)
	C Type: SMA-Female
Material	Al
Finish	Sliver Plated, Gray Paint
Size(mm)	A Type: 145.8 x 145.8 x 421.6
	C Type: 145.8 x 145.8 x 448.6
Net Weight(Kg)	A Type: 1.48 Around
	C Type: 1.58 Around

## Outline Drawing (Size: mm)

FBP180 Output (P/N: LB-CNH-51-25-A)



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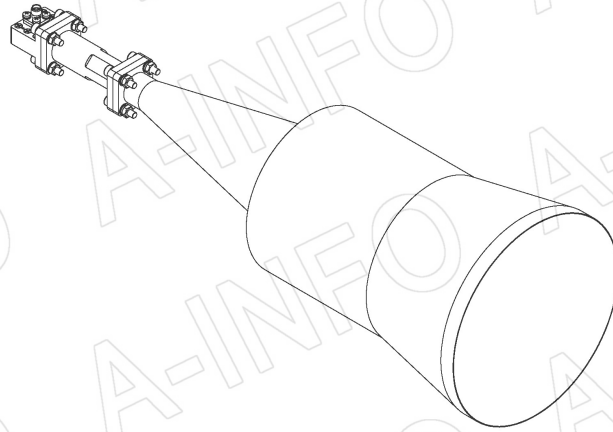
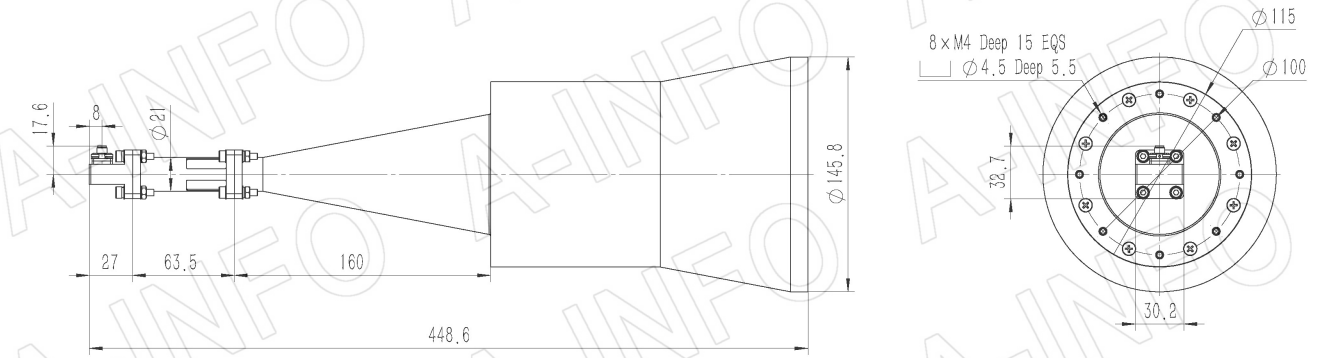
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Page 1 of 9

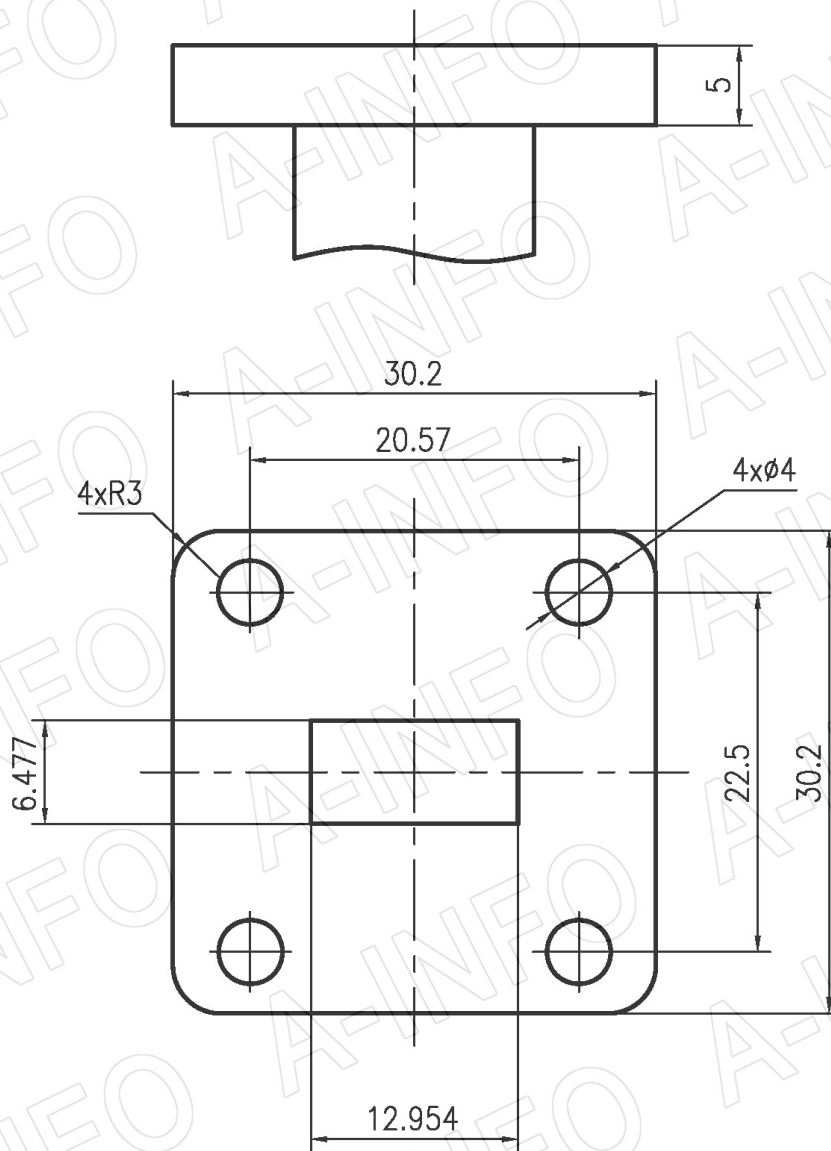
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**SMA-Female Output (P/N: LB-CN-51-25-C-SF)**



## Flange Drawing (Size: mm)



**FBP180**

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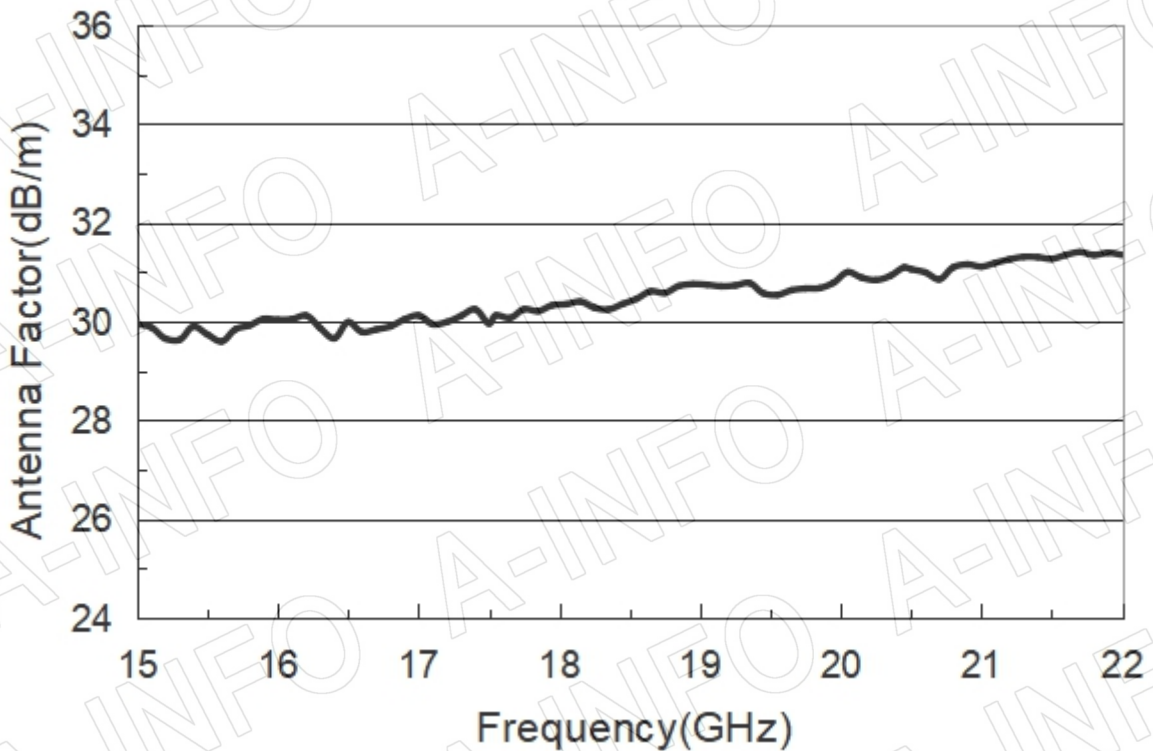
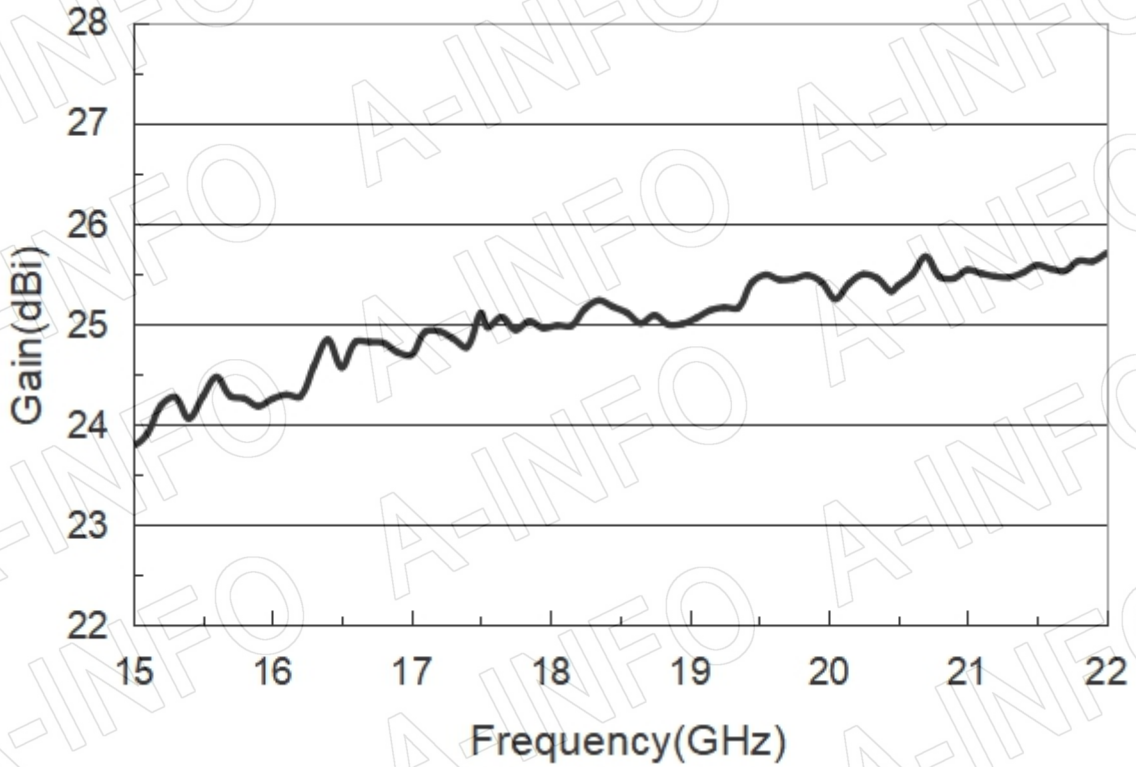
Page 3 of 9

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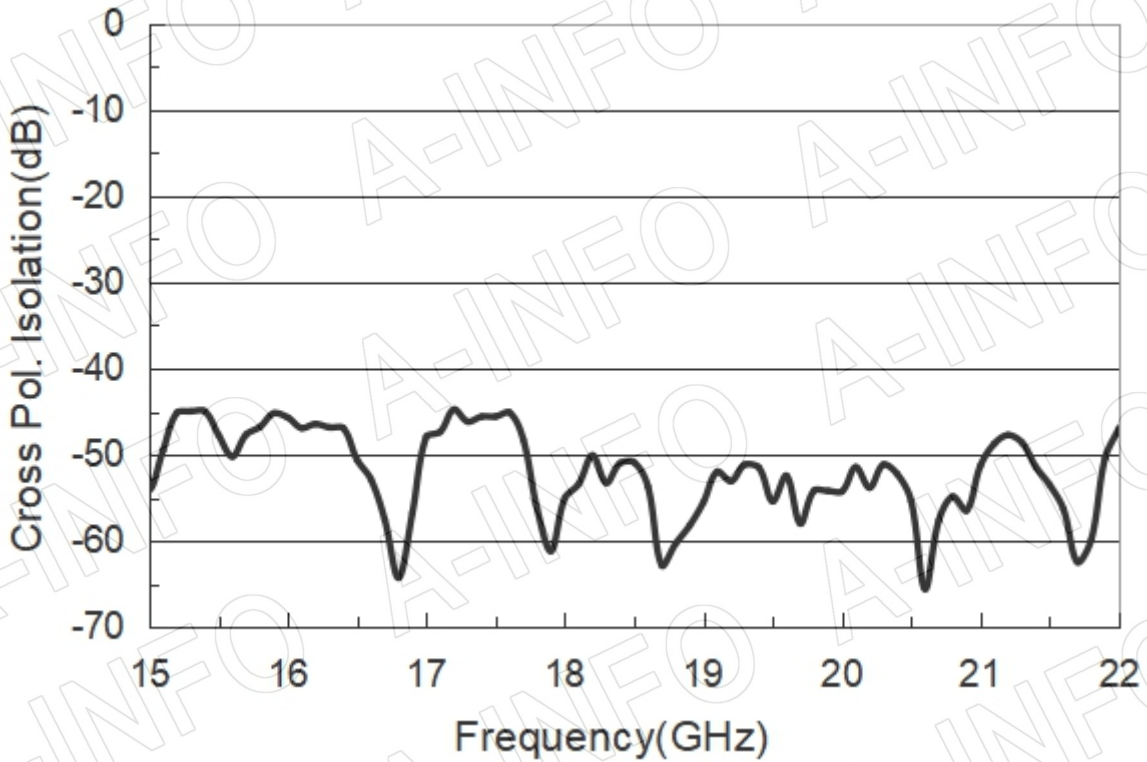
## Test Results

### 1. Gain & Antenna Factor

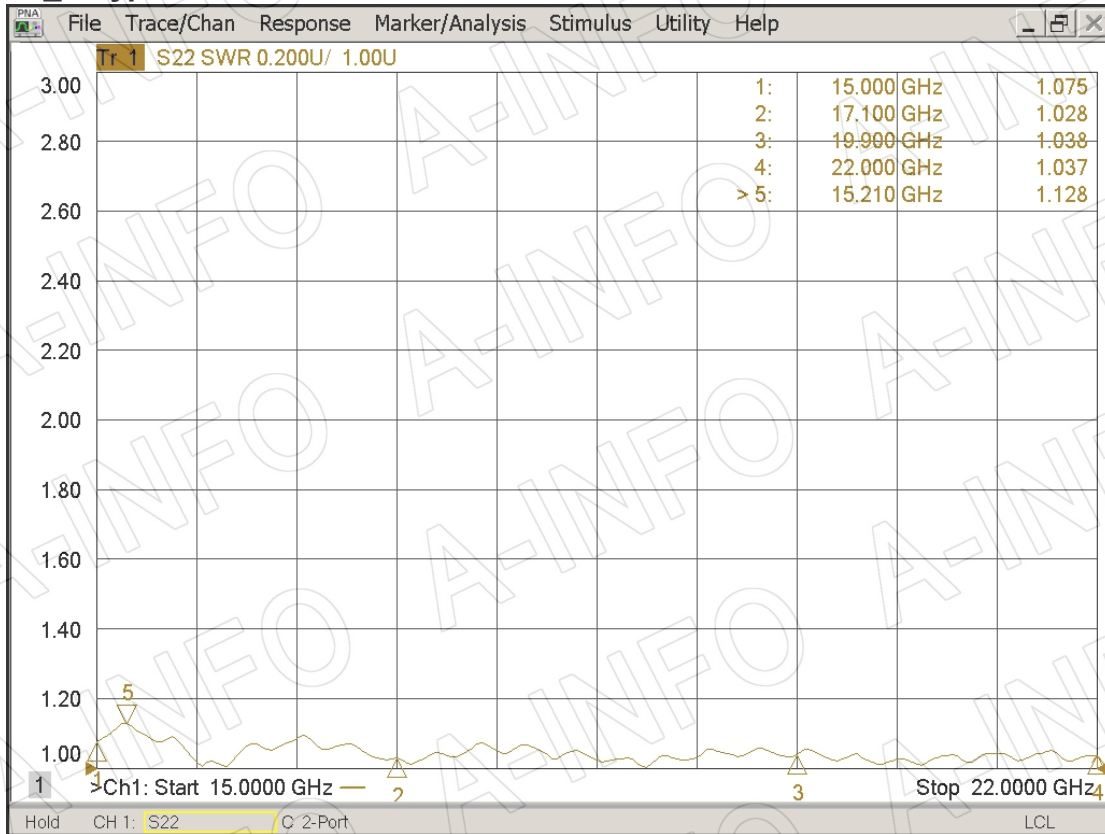




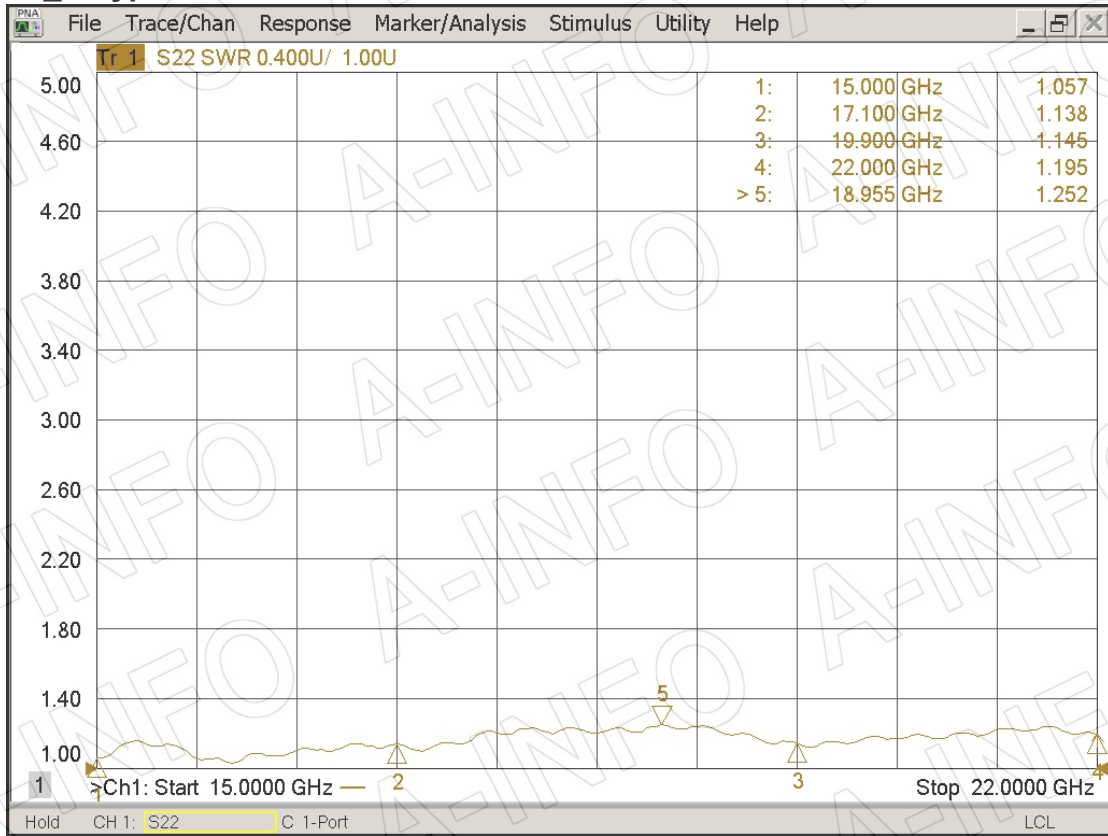
## 2. Cross Polarization Isolation



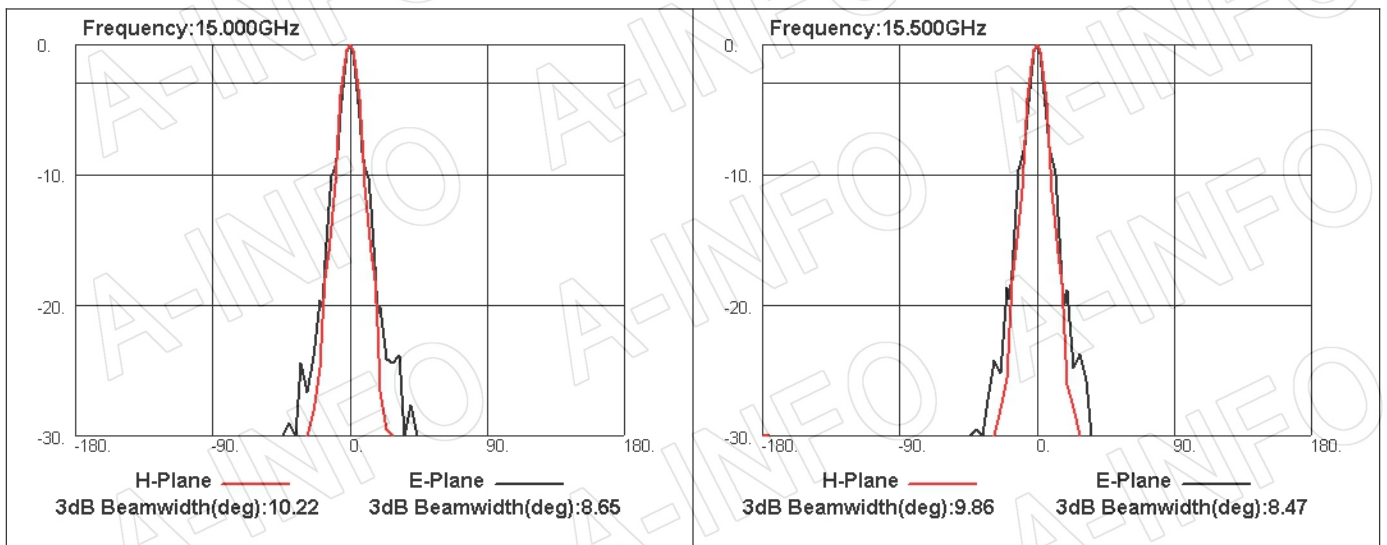
## 3. VSWR\_A Type



## VSWR\_C Type



## 4. Pattern

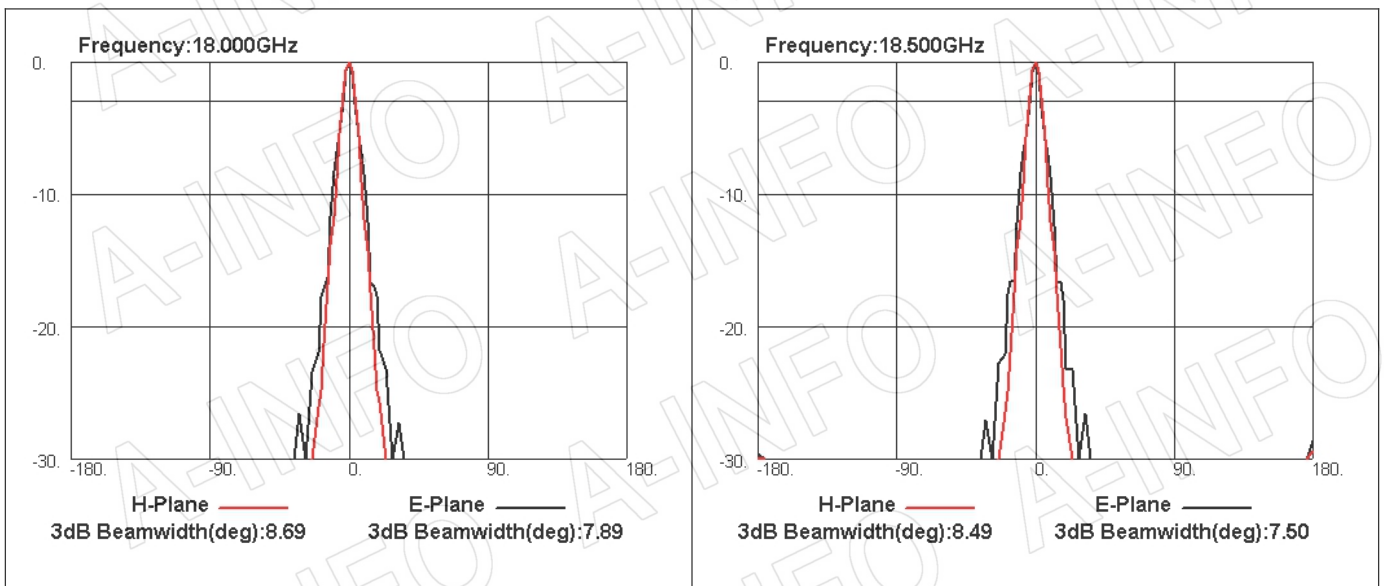
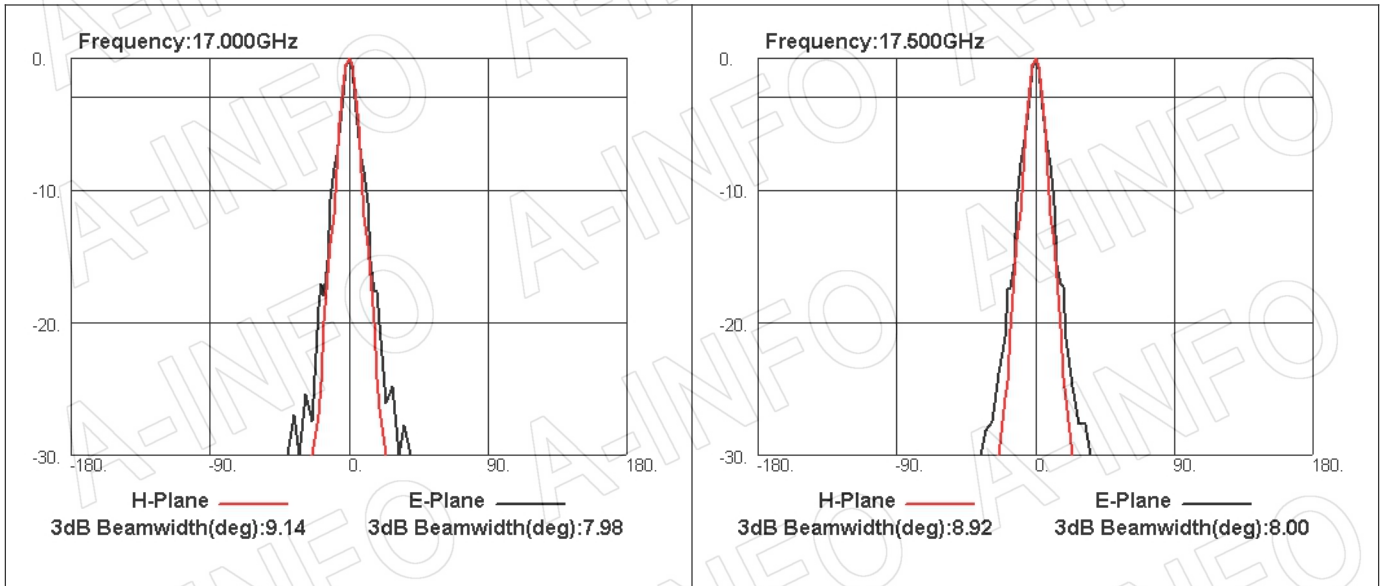
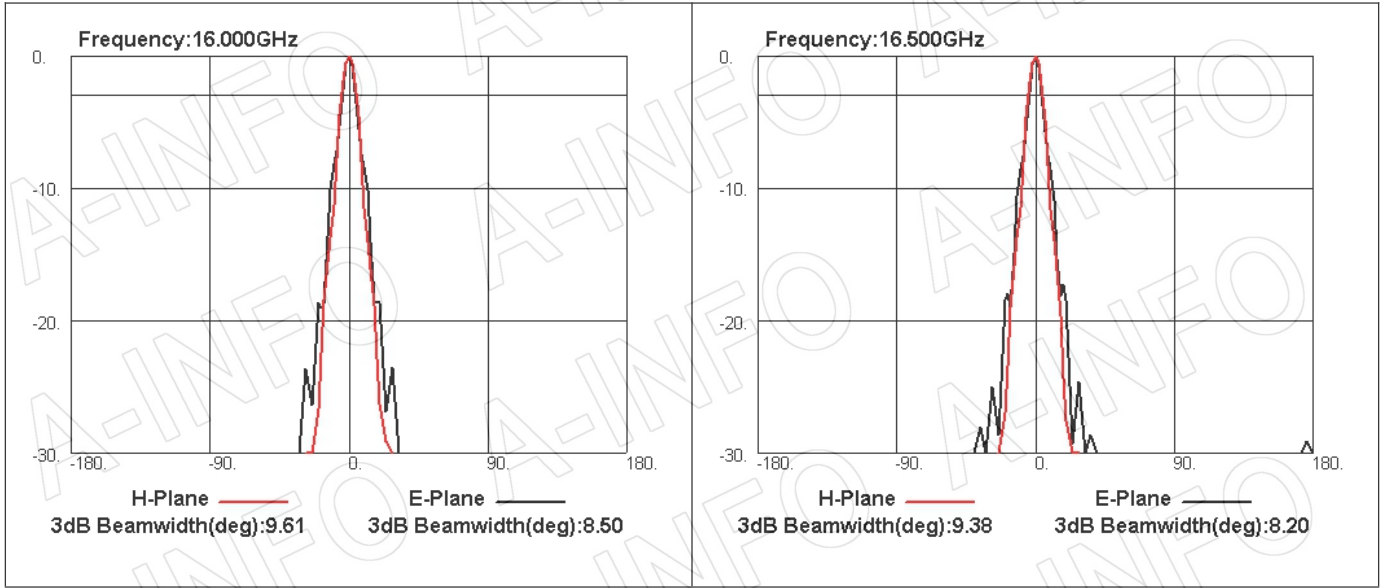


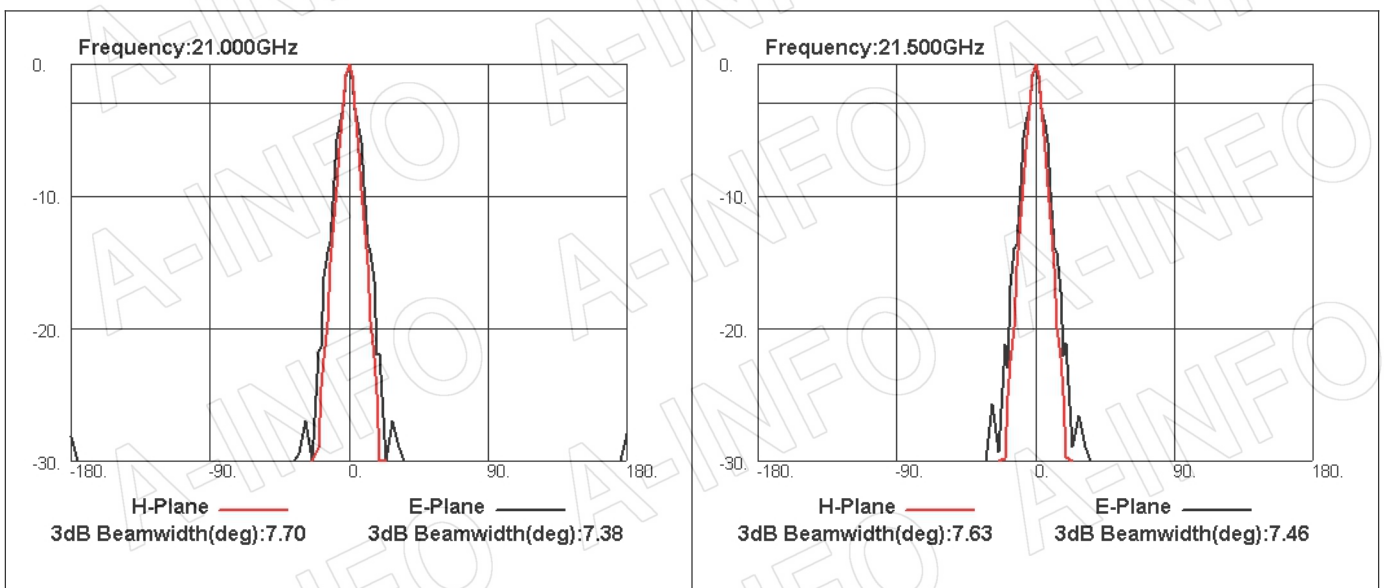
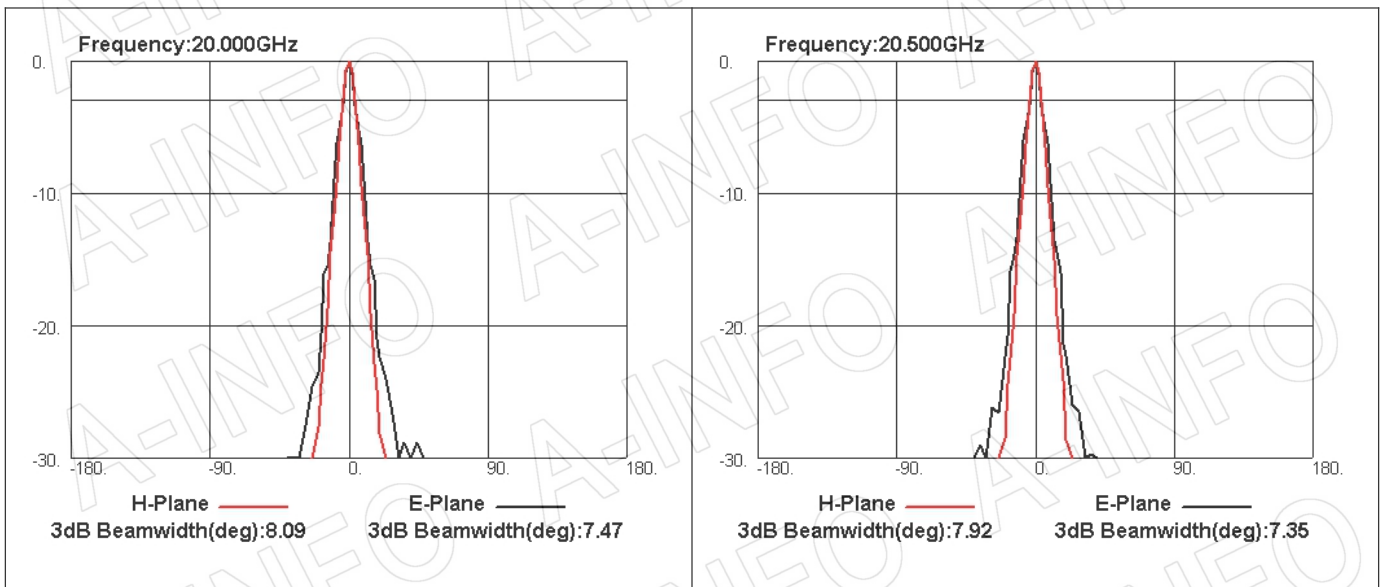
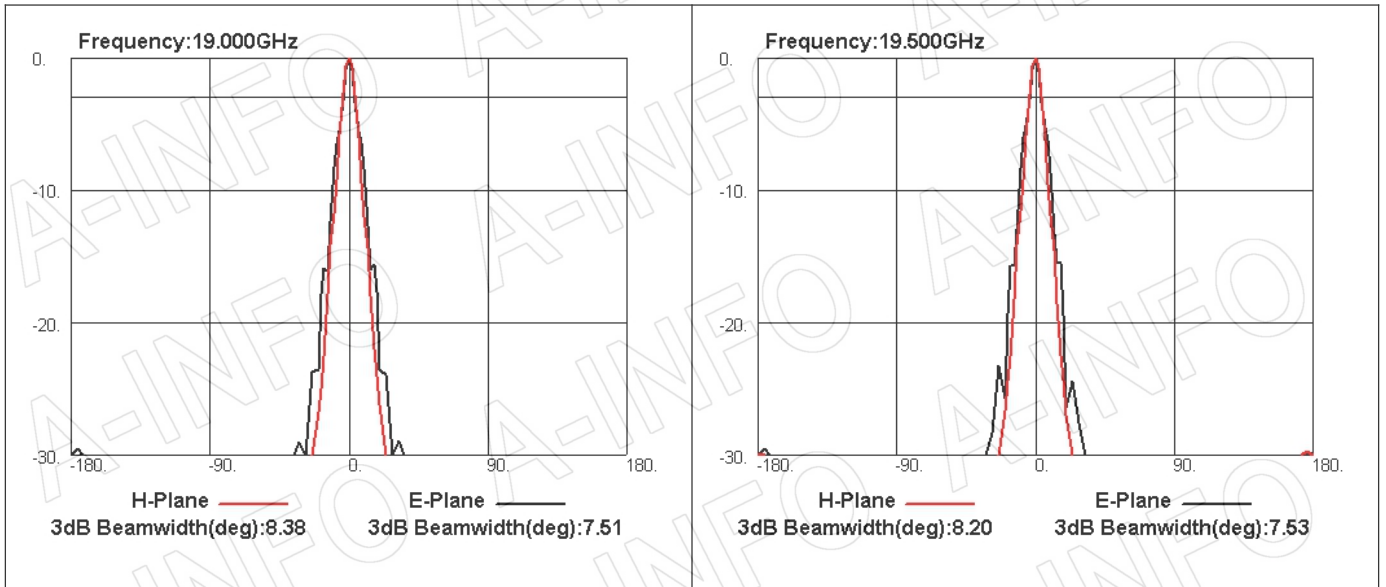
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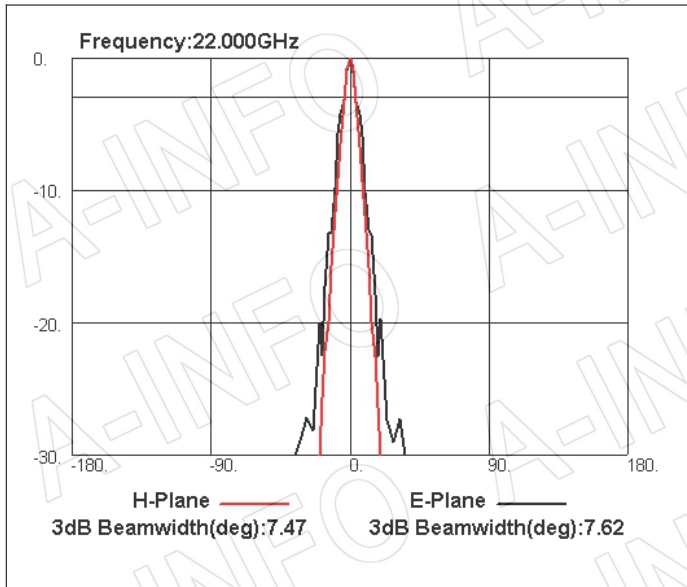
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