

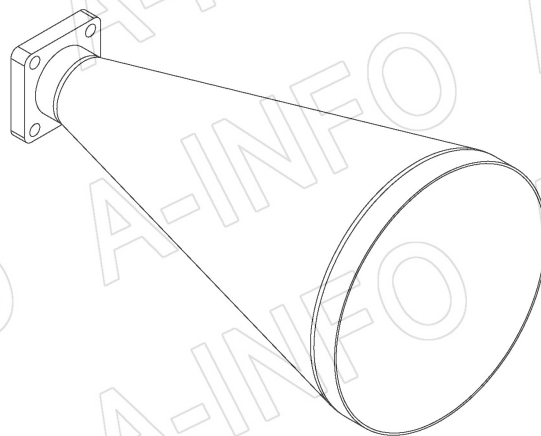
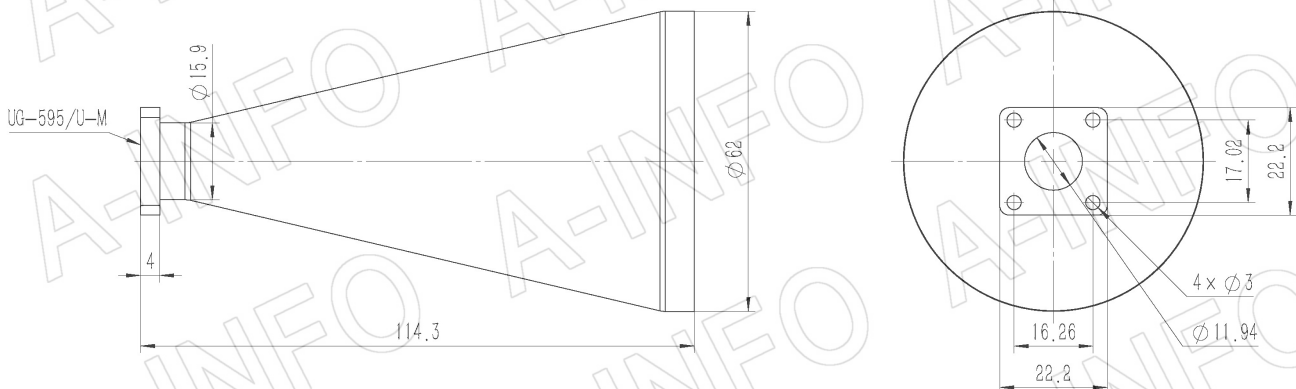
For reference only. See data sheet for the detailed specifications.

## Technical Specification

Frequency Range(GHz)	17.5 – 20.5
Circular WG Size	11.94mm / 0.47"
Gain(dBi)	20 Typ.
Polarization	Linear and Circular
3dB Beamwidth(deg)	E Plane: 15 Typ.
	H Plane: 18 Typ.
Cross Pol. Isolation(dB)	40 Typ.
VSWR	1.20:1 Max.
Output	UG-595/U-M
Material	Al
Finish	Sliver Plated, Gray Paint
Size(mm)	62 x 62 x 114.3
Net Weight(Kg)	0.08 Around



## Outline Drawing (Size: mm)



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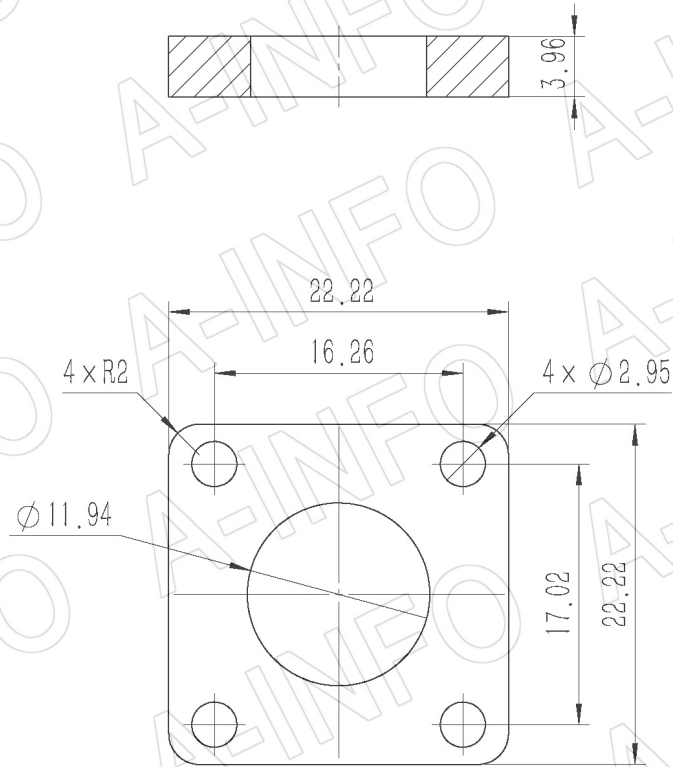
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China(Chengdu): Tel: (+86) 28-8519-2786,  
USA : Tel: (+1) 949-639-9688,

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Website: [www.ainfoinc.com](http://www.ainfoinc.com)  
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## Flange Drawing (Size: mm)



UG-595/U-M

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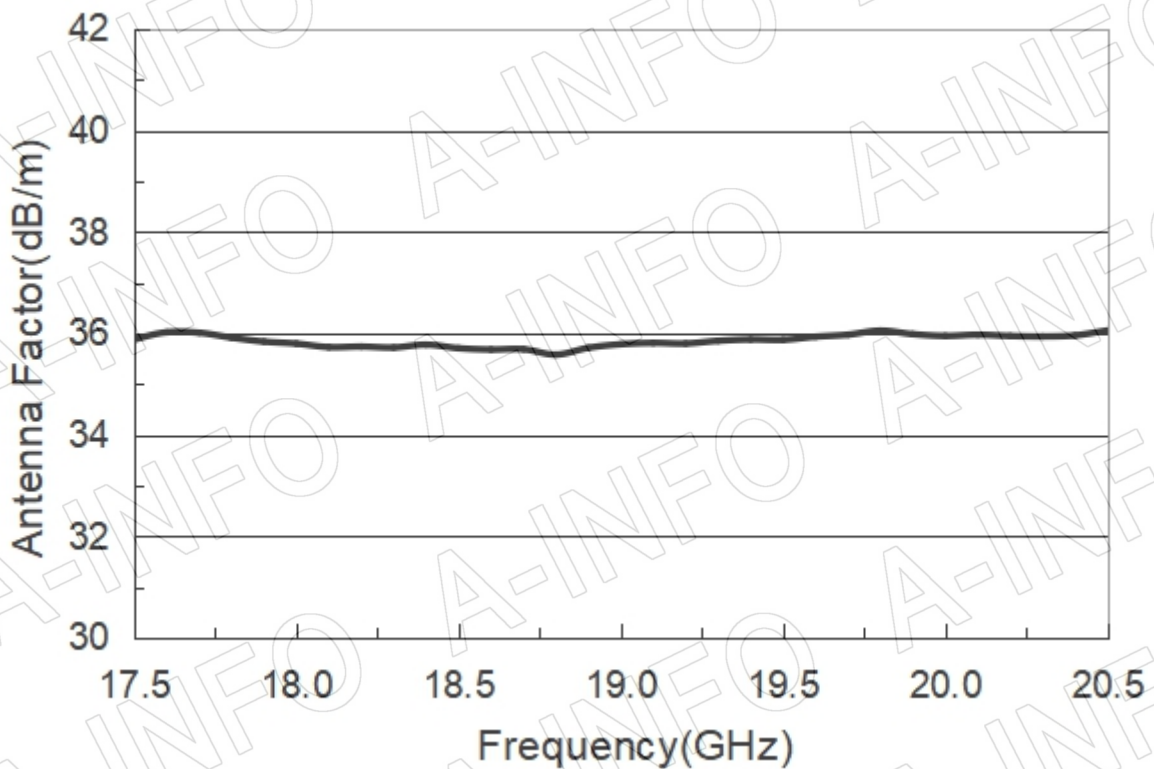
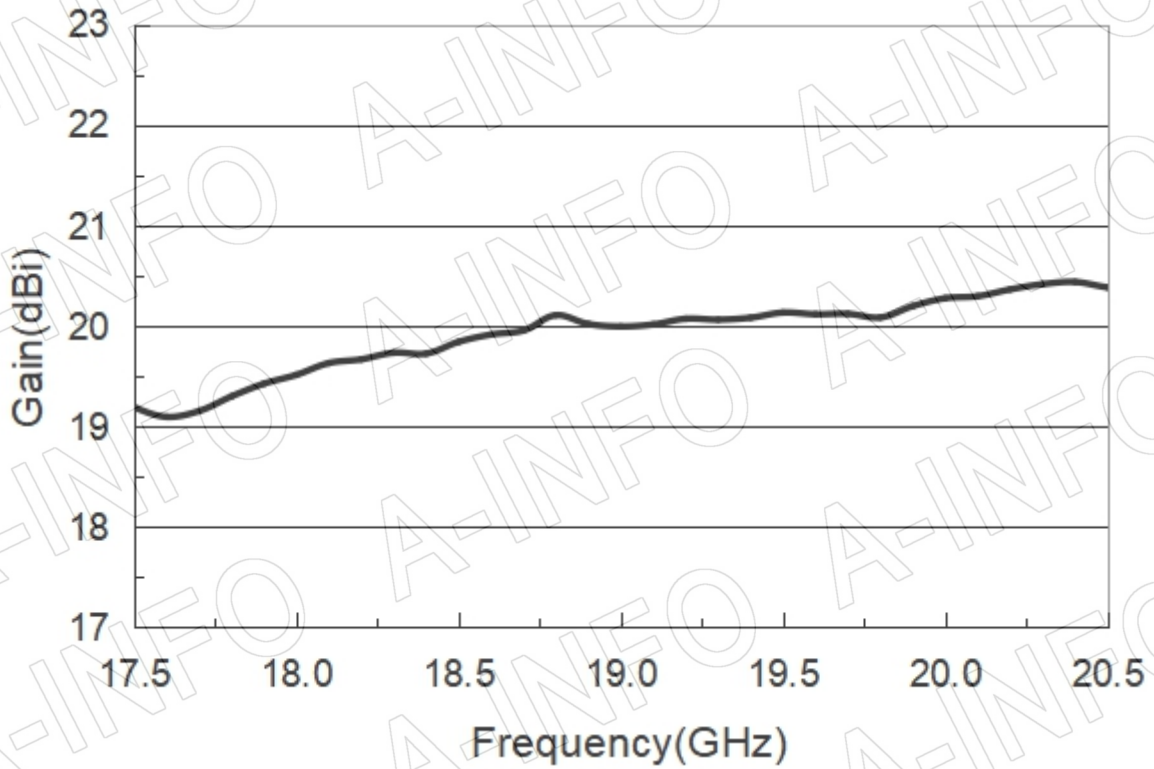
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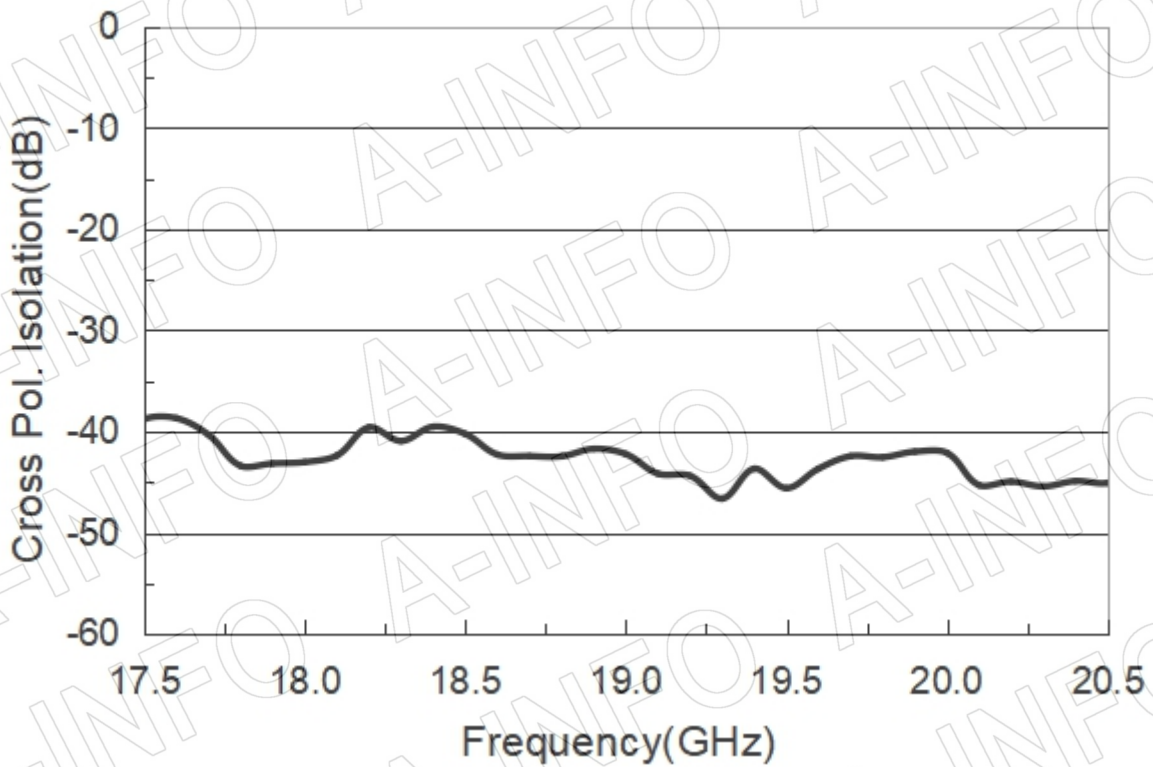
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## Test Results (Including circular to rectangular transition)

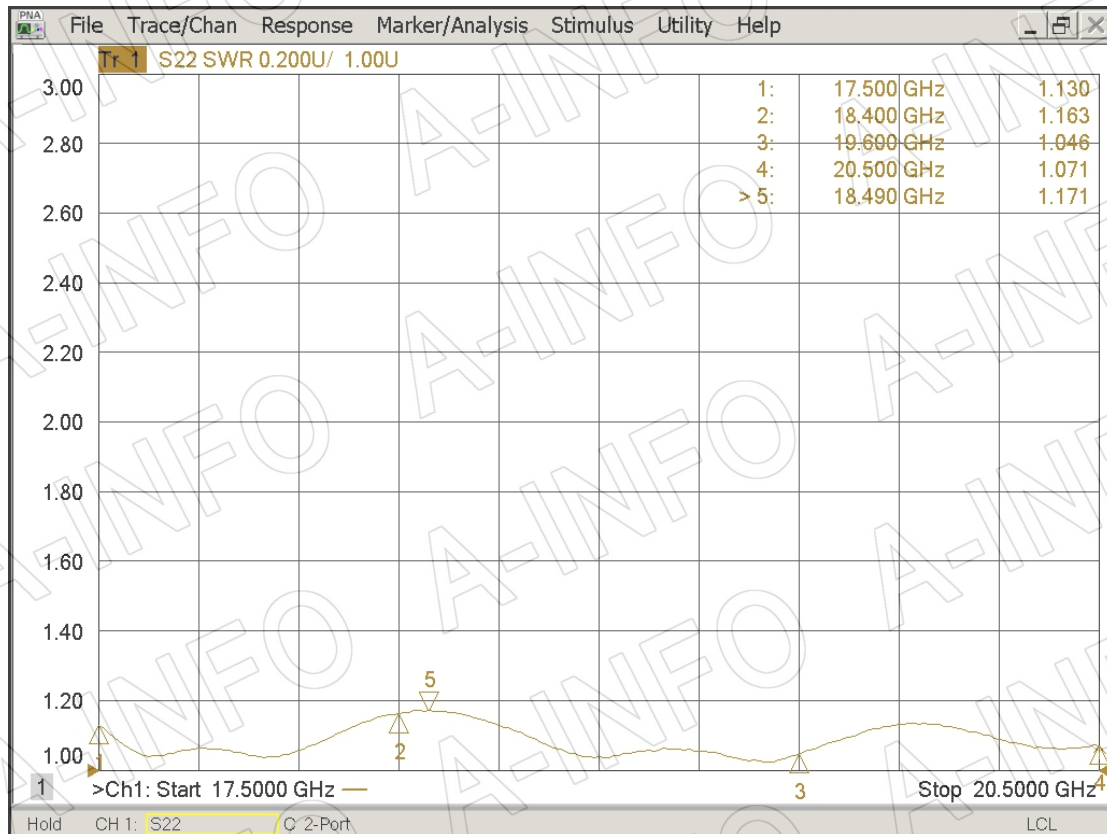
### 1. Gain & Antenna Factor



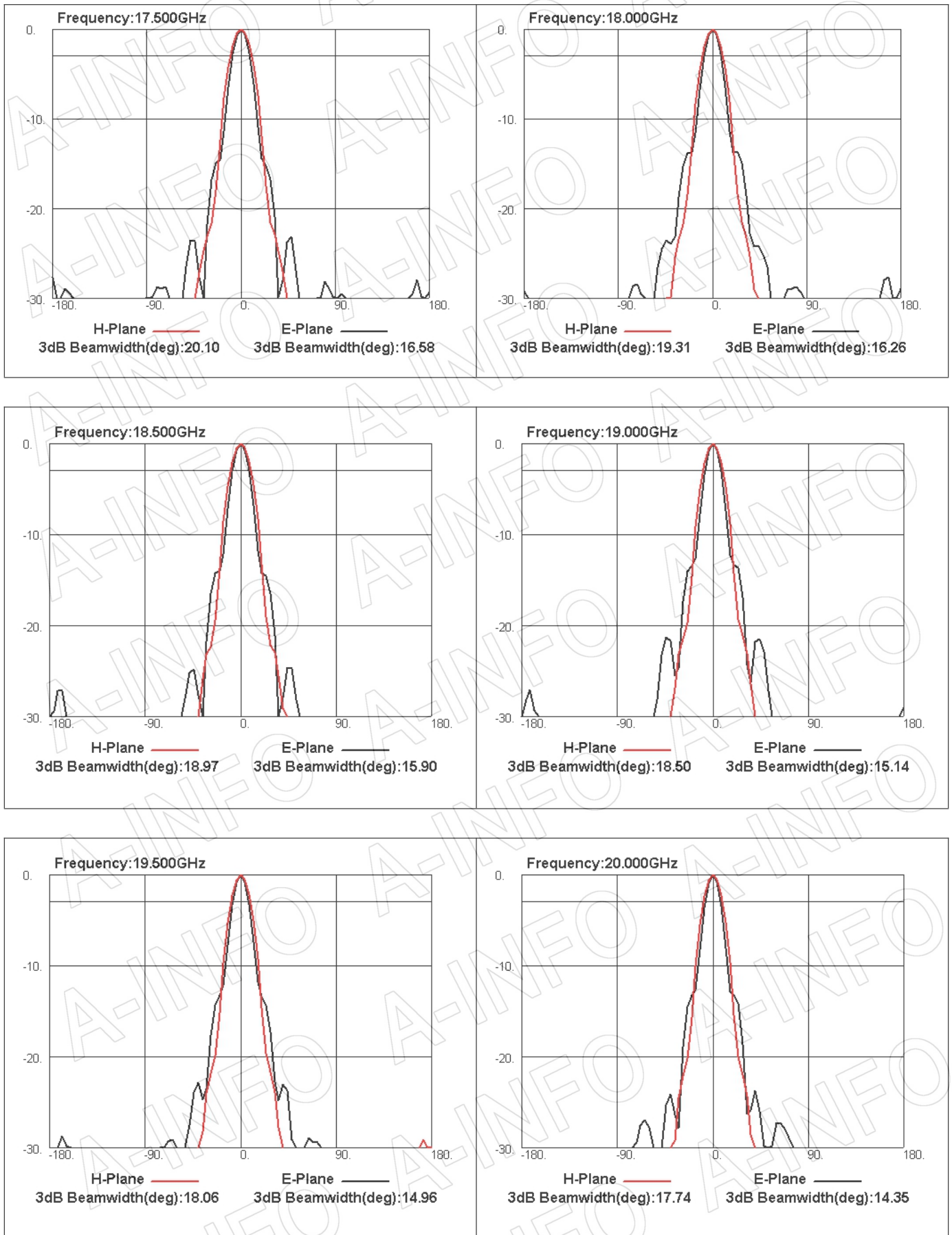
## 2. Cross Polarization Isolation



## 3. VSWR



## 4. Pattern



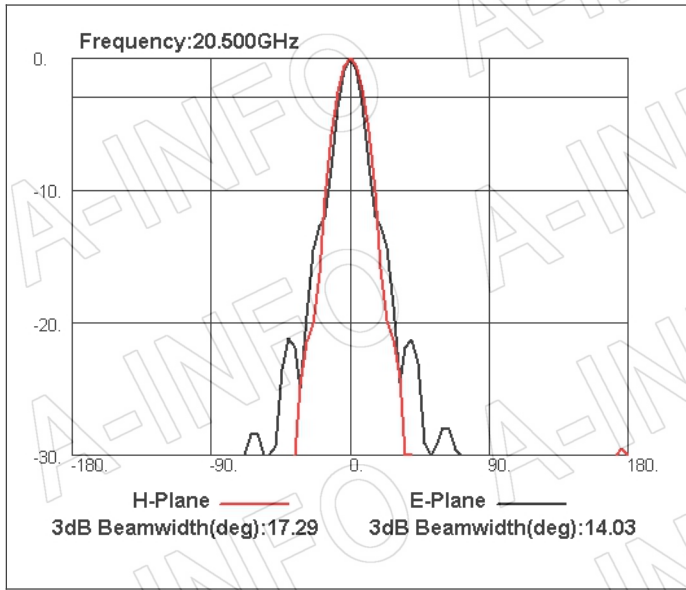
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