

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

## Technical Specification



|                          |   |
|--------------------------|---|
| Frequency Range(GHz)     | 14.0 – 110.0                                |
| Gain(dBi)                | 13 Typ.                                     |
| Polarization             | Linear                                      |
| 3dB Beamwidth(deg)       | E Plane: 75 - 11                            |
|                          | H Plane: 67 - 9                             |
| Cross Pol. Isolation(dB) | 30 Typ.                                     |
| VSWR                     | 1.5:1 Typ.                                  |
|                          | 2.5:1 Max.                                  |
| Connector                | 1.0mm-Female                                |
| Power Handling(W CW)     | 4 Max.                                      |
| Material                 | Al  |
| Finish                   | Gold Plated and Chemical Conversion Coating |
| Size(mm)                 | 41.3 x 41.3 x 65                            |
| Net Weight(Kg)           | 0.10 Around                                 |

PATENT ID (US)

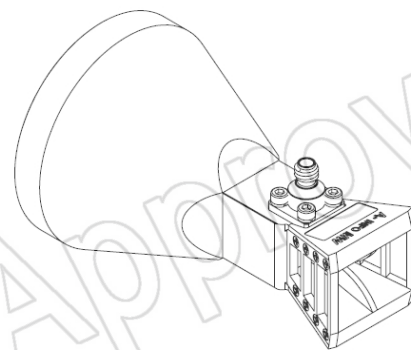
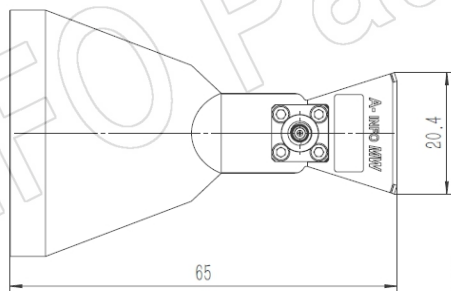
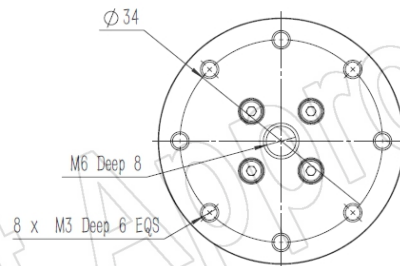
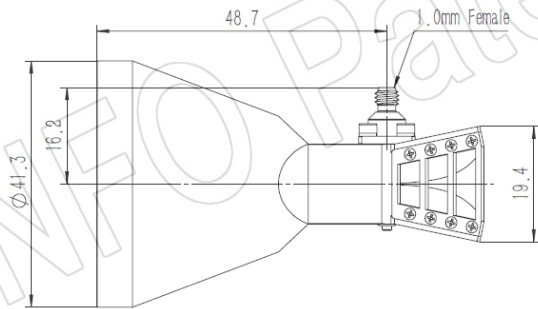
US 11442093, US D978843

PATENT ID (China)

ZL202020182917.9, ZL202030087711.3

## Outline Drawing (Size: mm)

1.0mm-Female Output (P/N: LB-1401100-1.0F)



AINFO Inc.

China(Beijing):  
China(Chengdu):  
USA :

Tel: (+86) 10-6266-7326,  
Tel: (+86) 28-8519-2786,  
Tel: (+1) 949-639-9688,

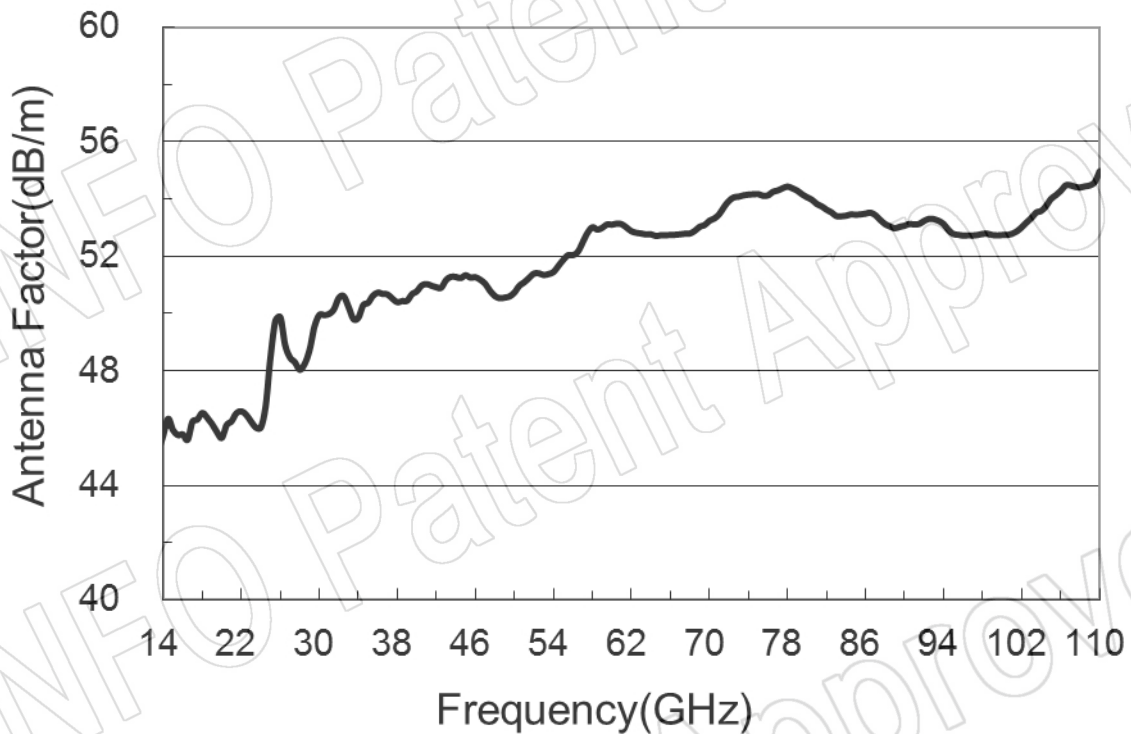
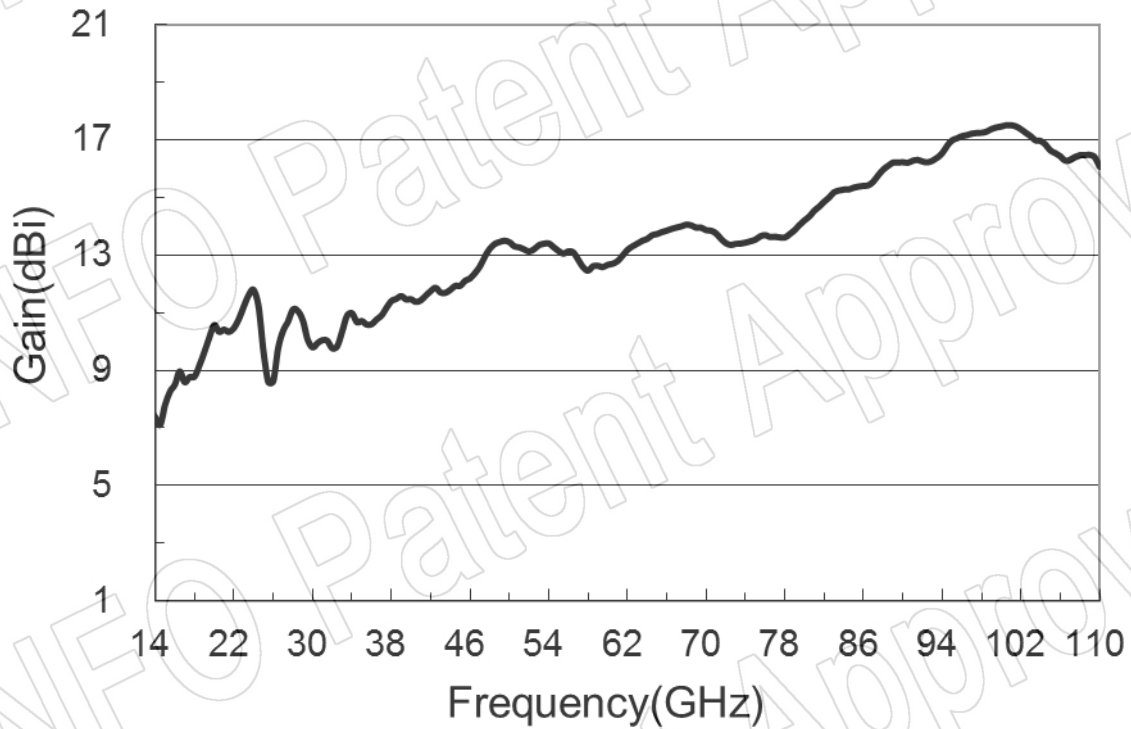
(+86) 10-6266-7327  
(+86) 28-8519-3044  
(+1) 949-639-9608

Fax: (+86) 10-6266-7379  
Fax: (+86) 28-8519-3068  
Fax: (+1) 949-639-9670

Website: [www.ainfoinc.com](http://www.ainfoinc.com)  
Email: [sales@ainfoinc.com](mailto:sales@ainfoinc.com)

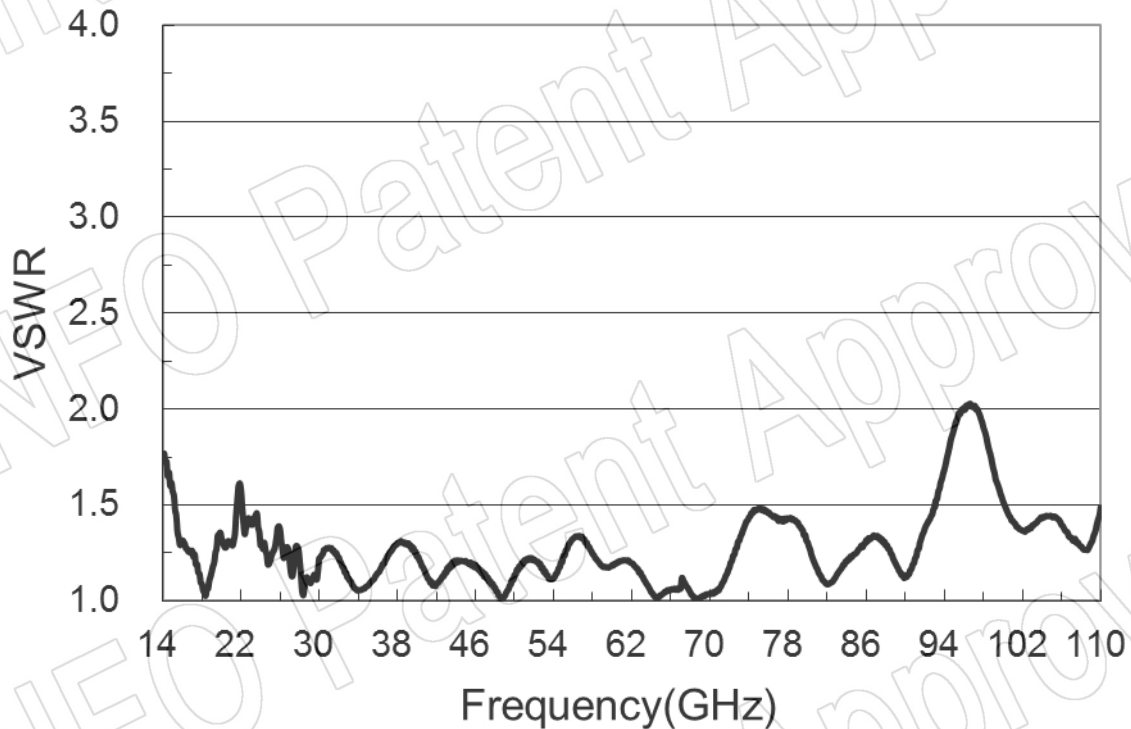
## Test Results

### 1. Gain Antenna Factor

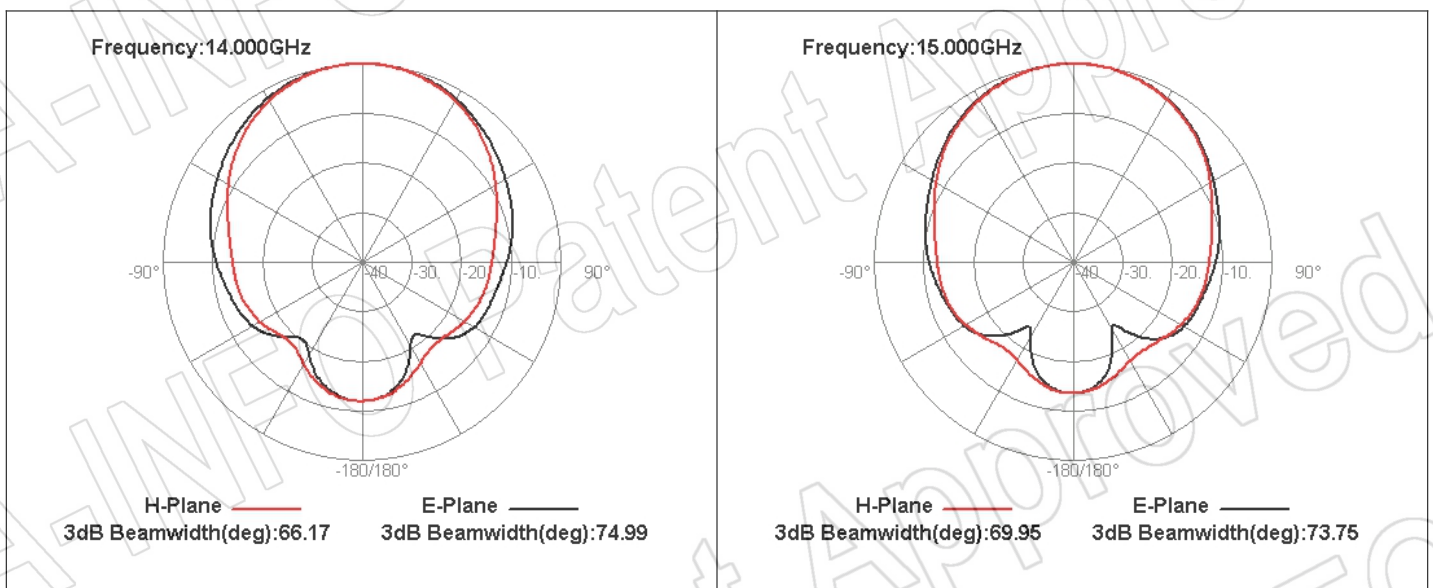


## 2. VSWR

Max: 2.029



## 3. Pattern



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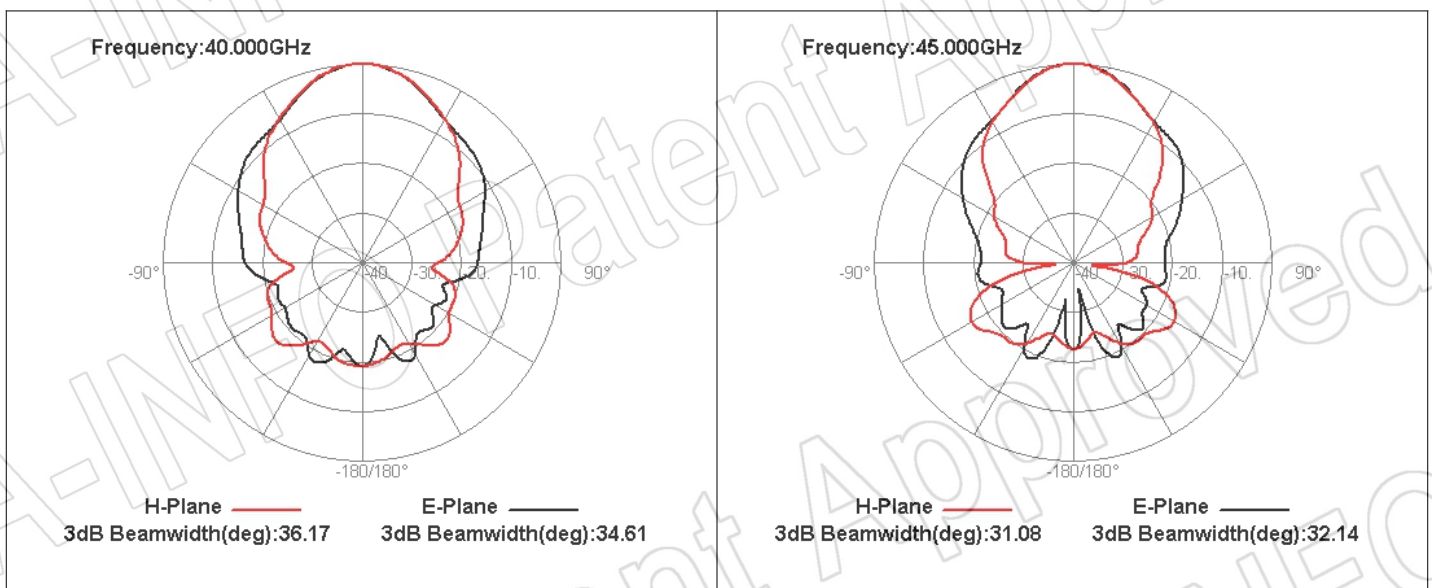
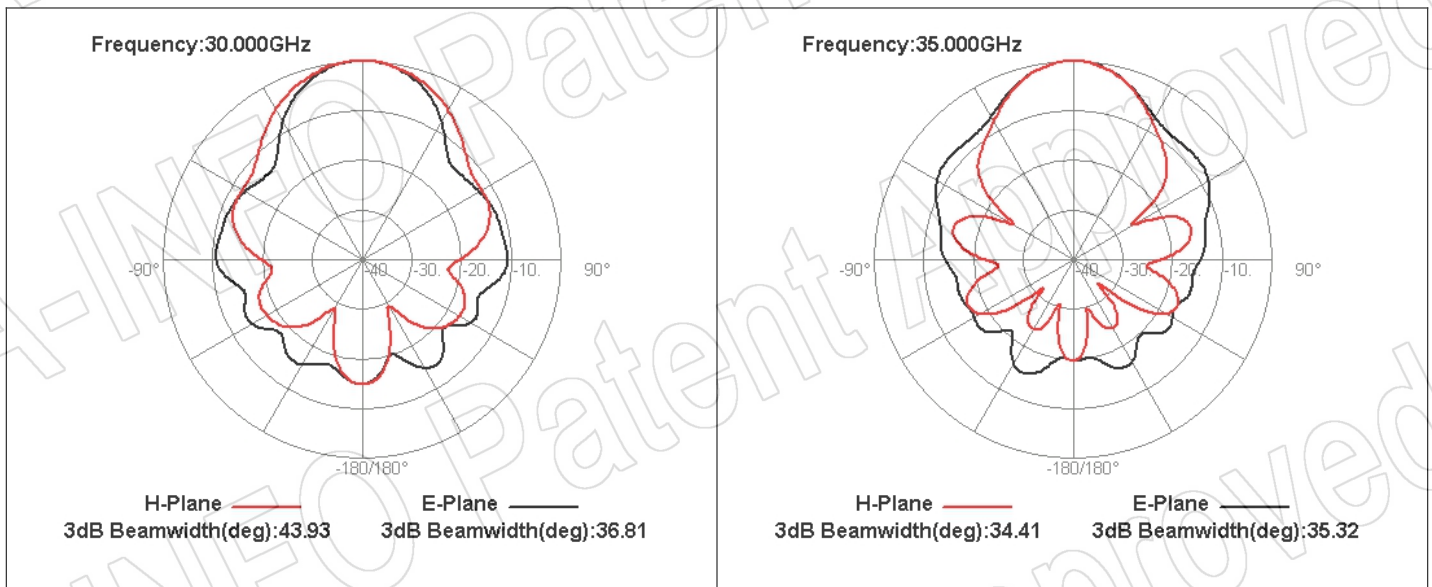
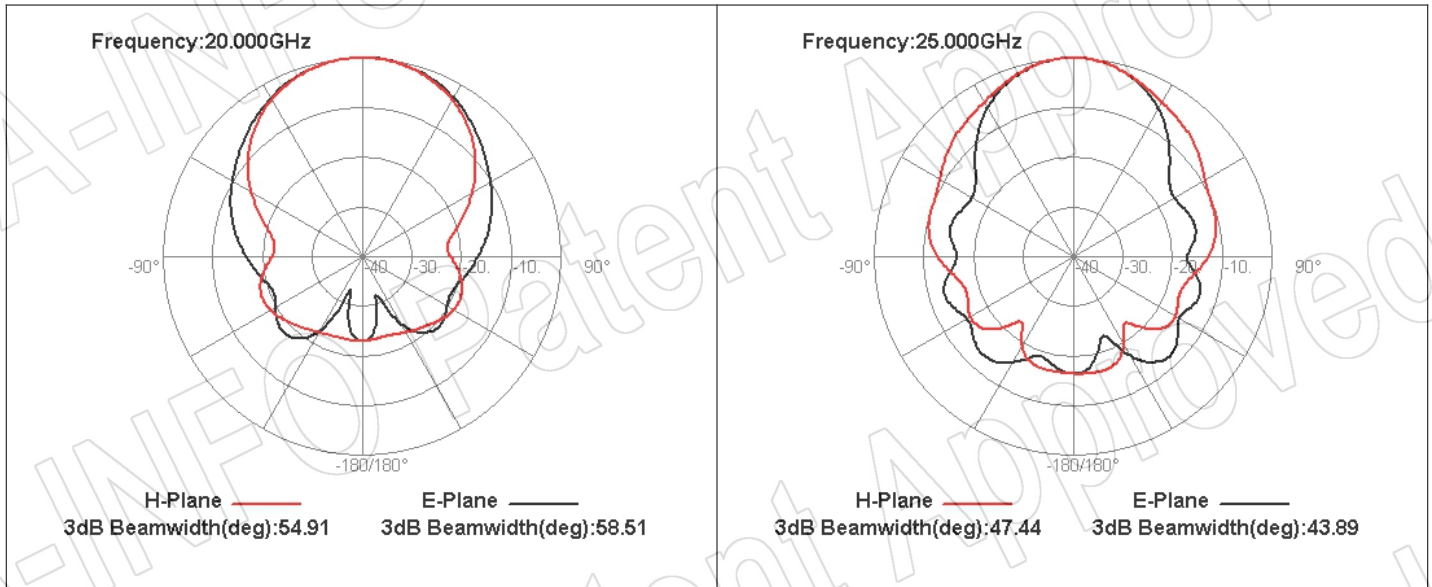
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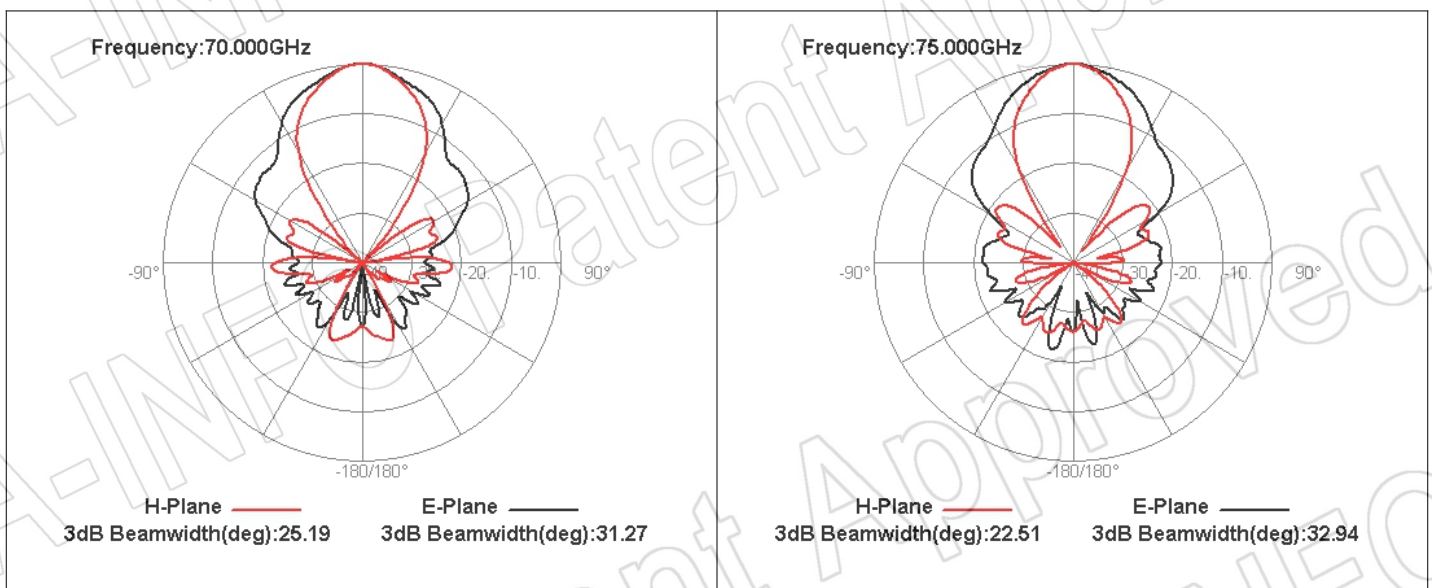
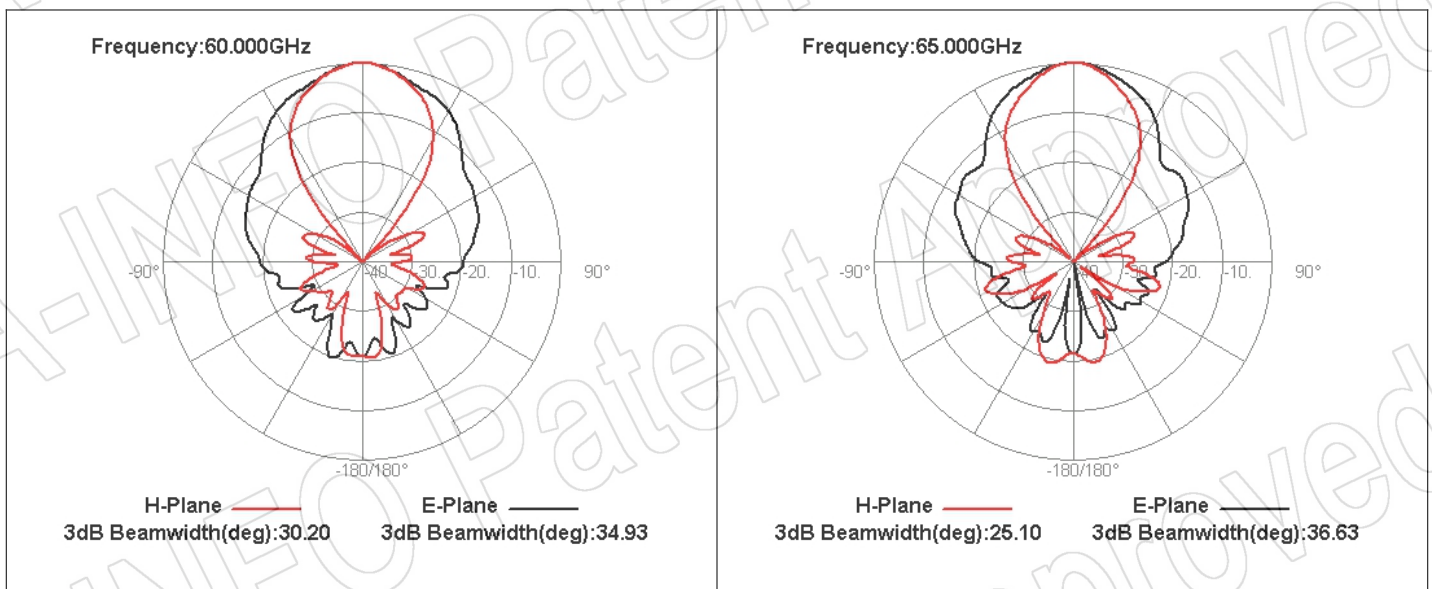
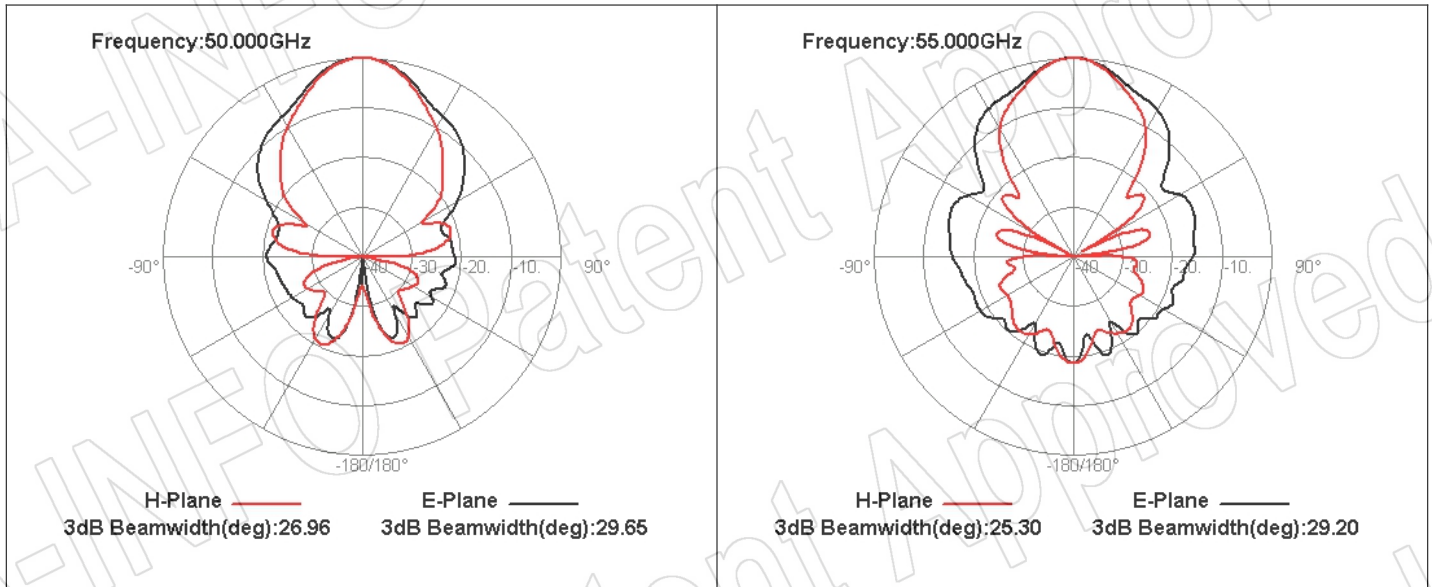
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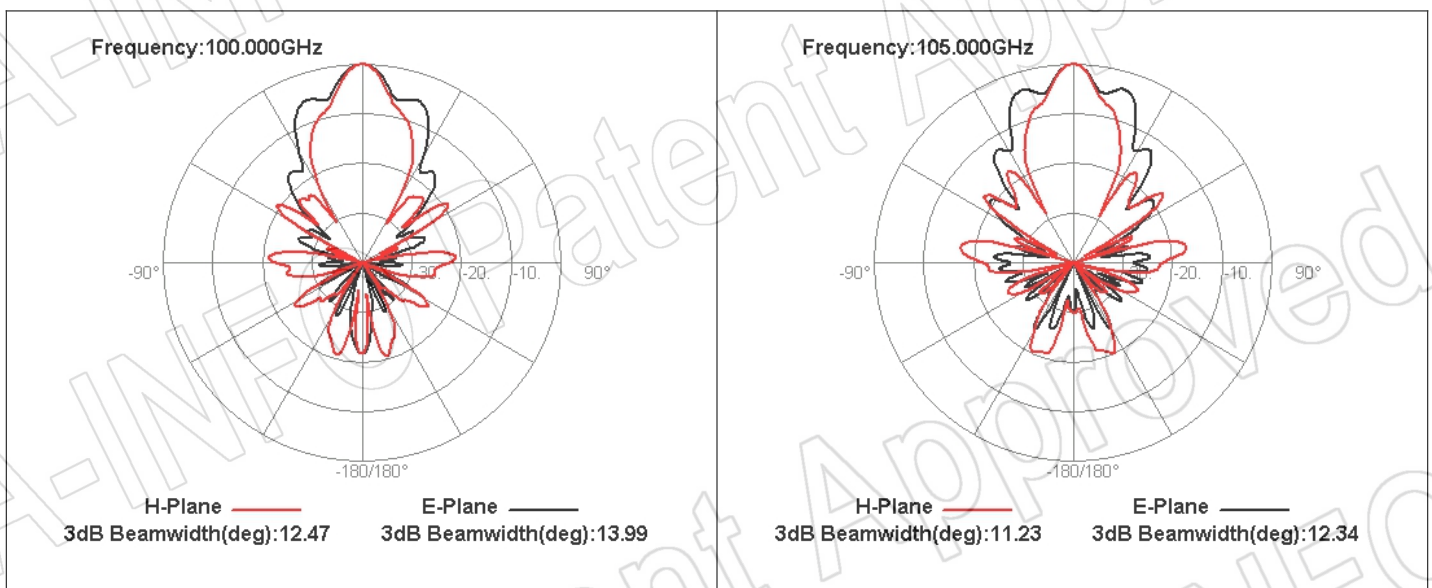
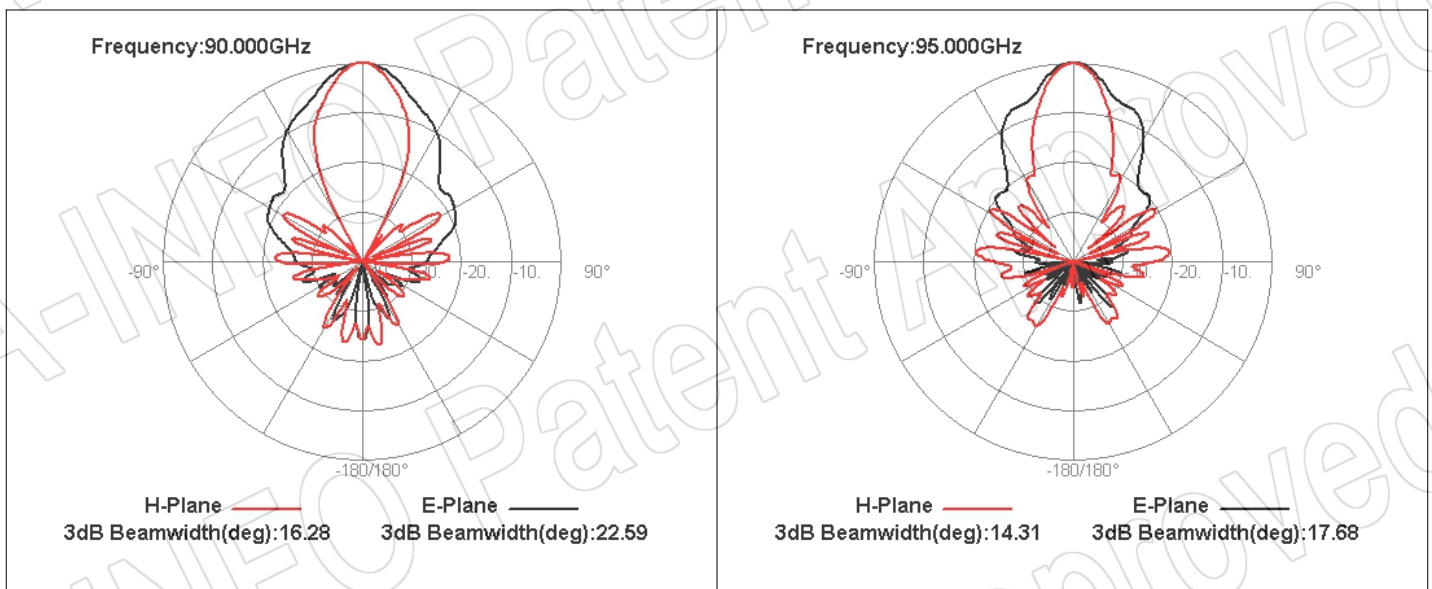
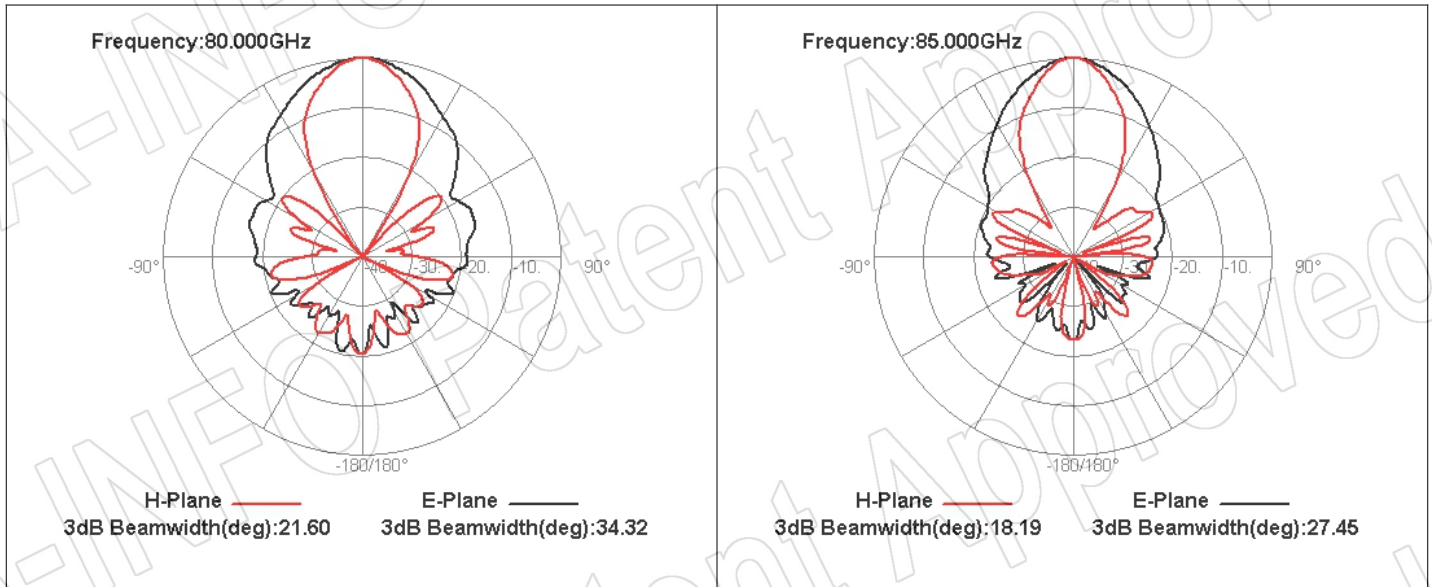
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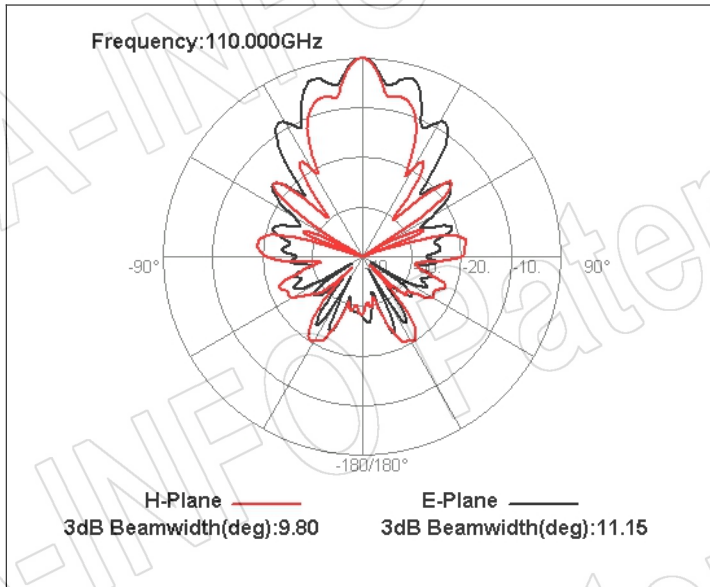
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