

## FDRHA-800-18000-3.5-S

0.8~18GHz, 3.5~14.5dB, SMA

Features:  
\* Broadband

Applications:  
\* Wireless  
\* Transceiver  
\* Laboratory Test  
\* Broadcast

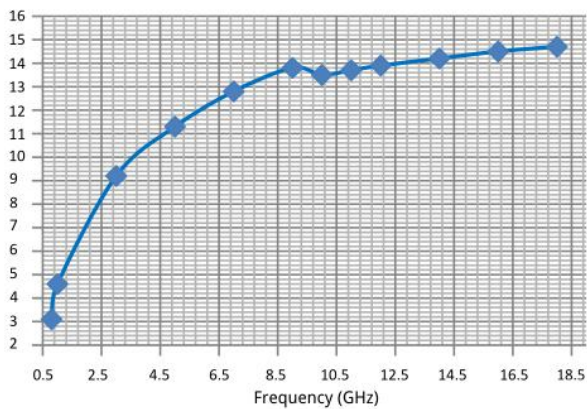
### Electrical

Frequency: 0.8~18GHz  
VSWR: 2 typ.  
Gain: 3.5~14.5dB

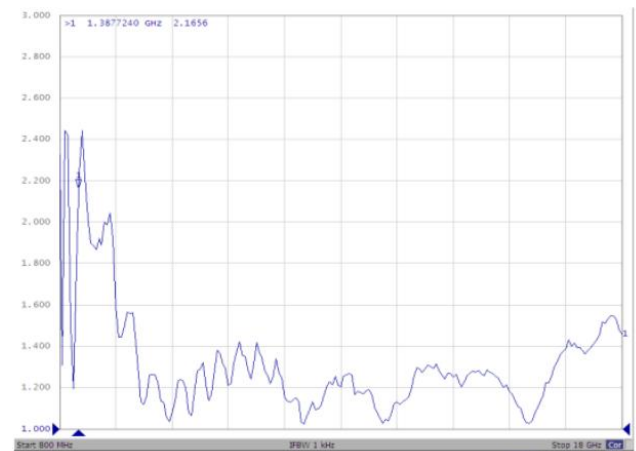
### Mechanical

Size: 222\*130\*212mm  
8.74\*5.118\*8.346in  
Connectors: SMA female  
Material: Aluminum

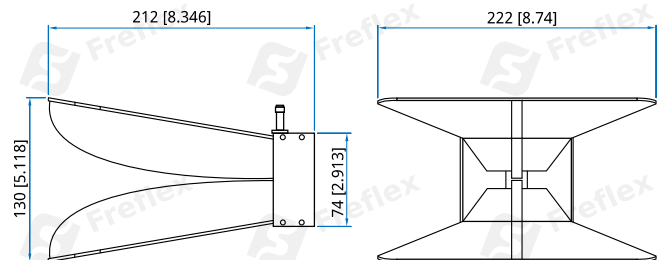
### Gain curve



### VSWR curve



### Outline Drawings

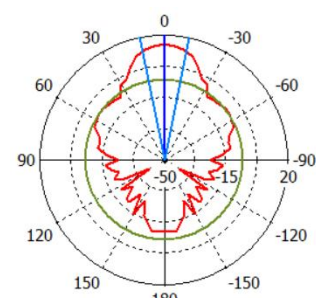
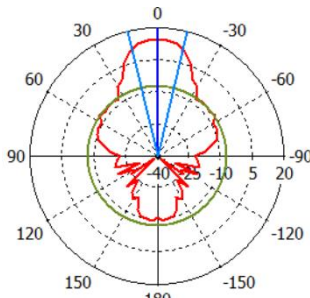
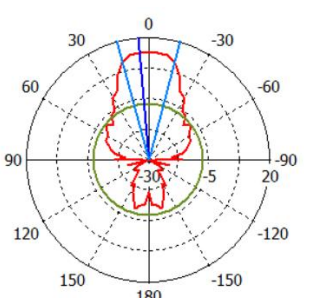
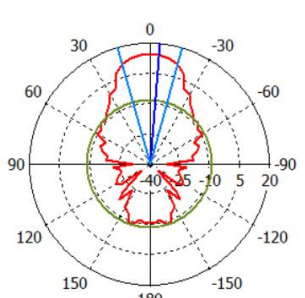
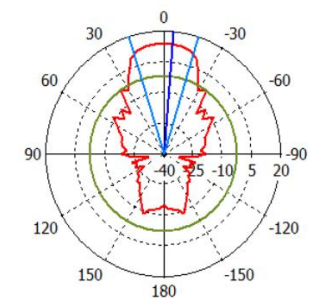
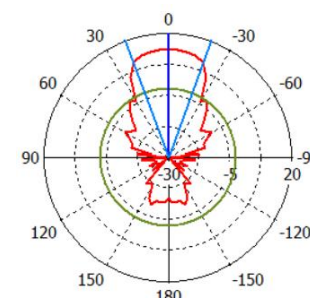
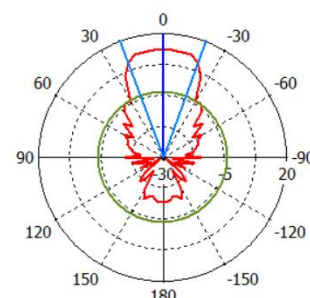
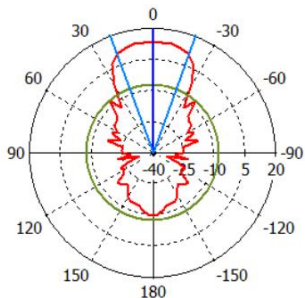
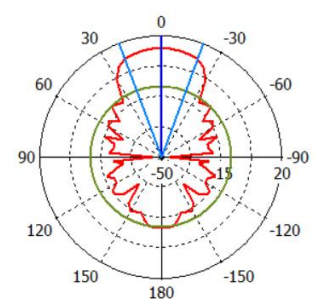
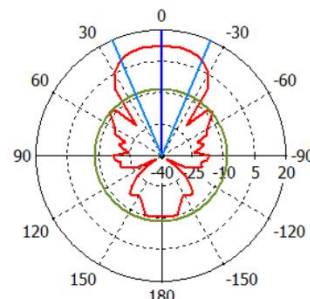
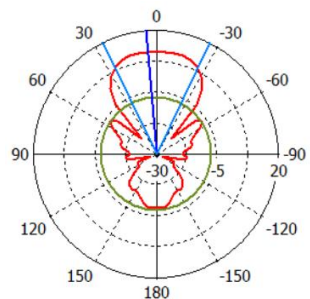
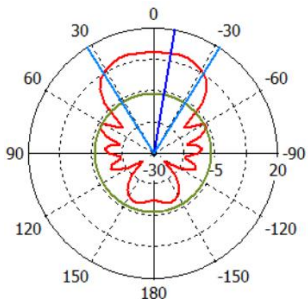
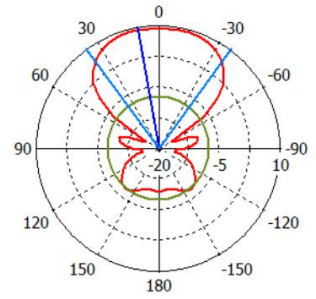
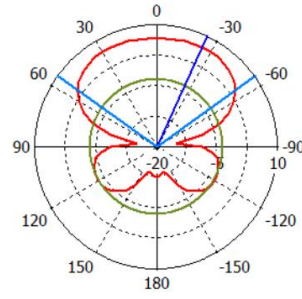
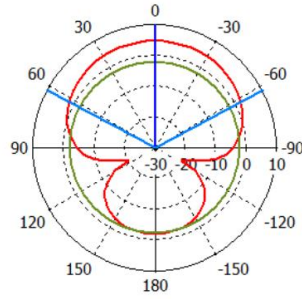
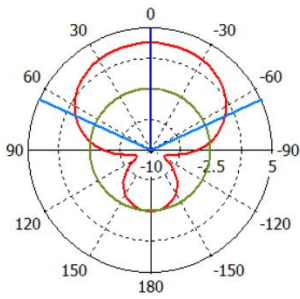


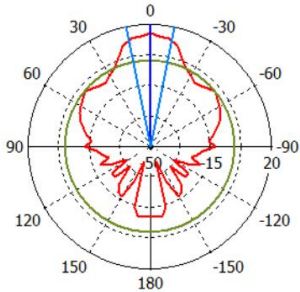
Unit: mm [in]  
Tolerance:  $\pm 0.2$ mm [ $\pm 0.008$ in]

**How To Order**  
**FDRHA-800-18000-3.5-S**

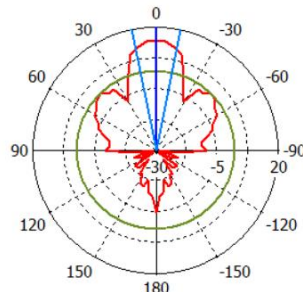
Customization is available upon request.

## Antenna Radiation Pattern

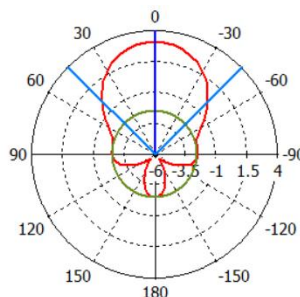




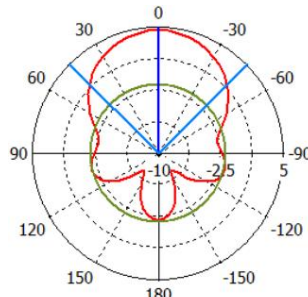
16GHz - H-Plane



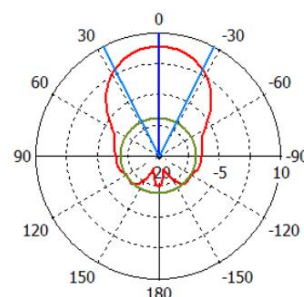
18GHz - H-Plane



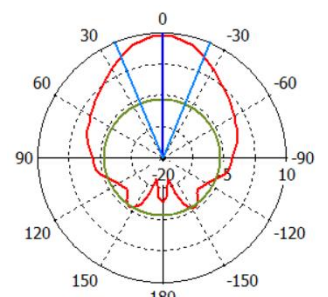
0.8GHz - E-Plane



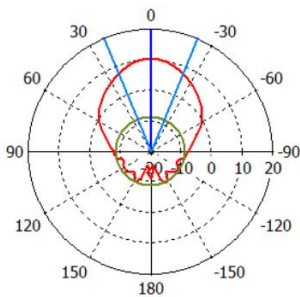
1GHz - E-Plane



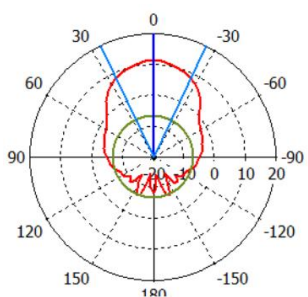
2GHz - E-Plane



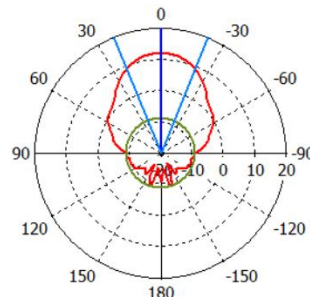
3GHz - E-Plane



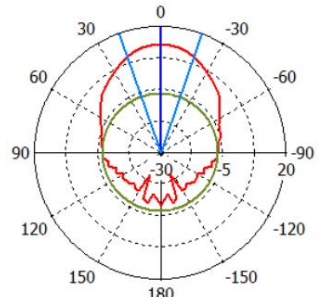
4GHz - E-Plane



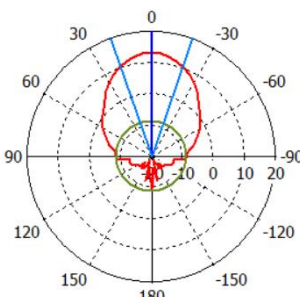
5GHz - E-Plane



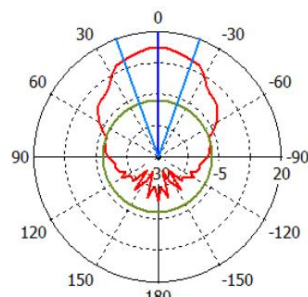
6GHz - E-Plane



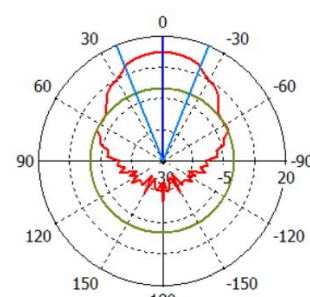
7GHz - E-Plane



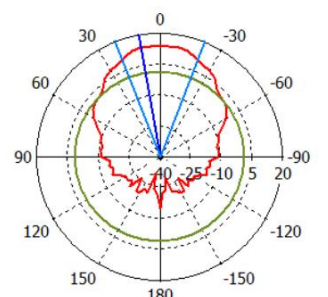
8GHz - E-Plane



9GHz - E-Plane



10GHz - E-Plane



11GHz - E-Plane



## Double Ridged Horn Antenna

