

### Double Ridged Horn Antenna – Model DRH18-E

#### Electrical Specifications

Frequency Range	1 GHz – 18 GHz
VSWR (max.)	< 2.2
Impedance	50 Ω
Connector	N <sub>female</sub> / SMA <sub>female</sub>
Power (CW / Pulse)	100 W / 170 W

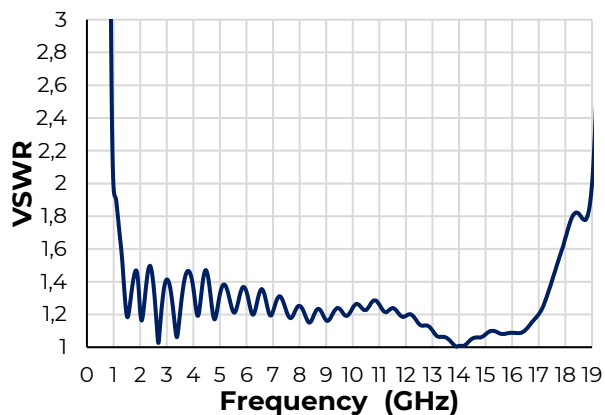
#### Physical Specifications

Width	243 mm (9.56 in)
Depth	200 mm (7.87 in)
Height	154 mm (6.06 in)
Weight	0.87 kg (1.92 lb)

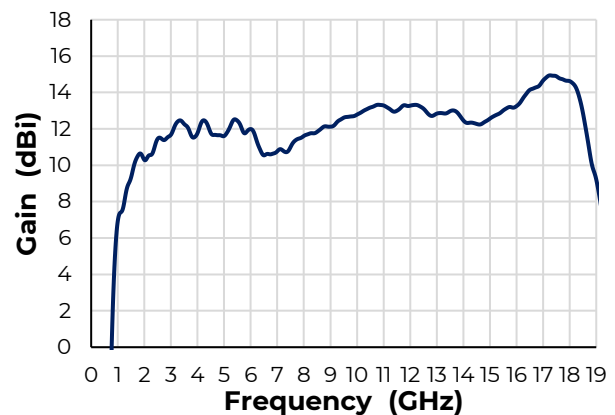


#### Typical Parameters

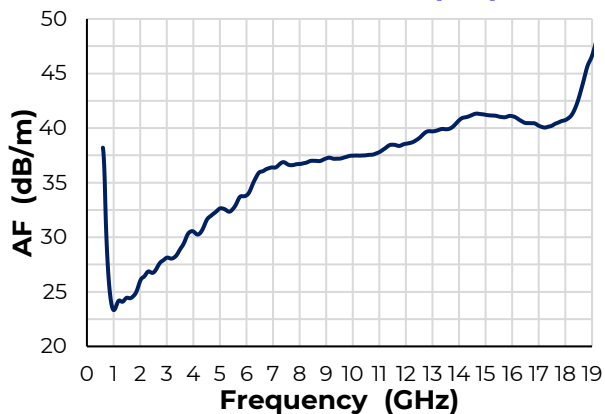
##### VSWR



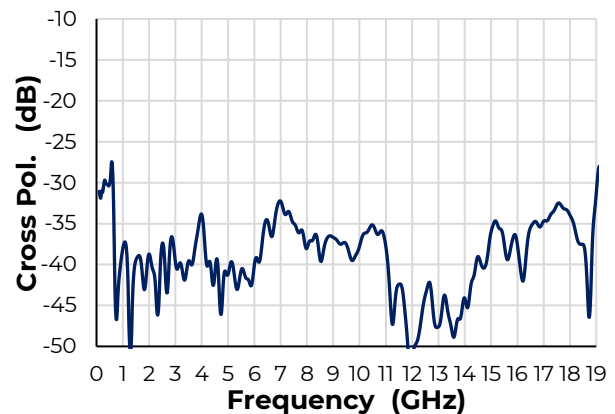
##### Gain



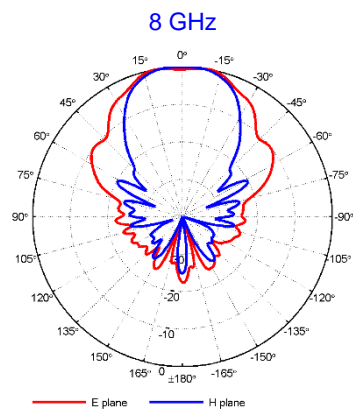
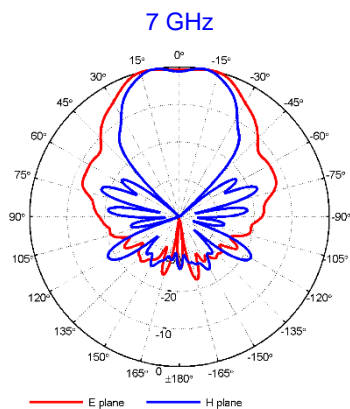
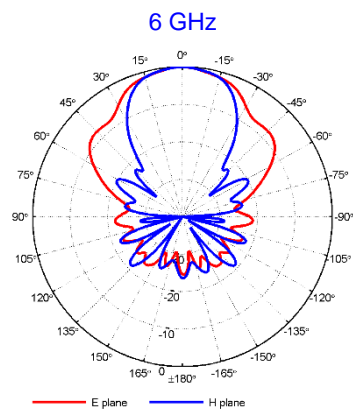
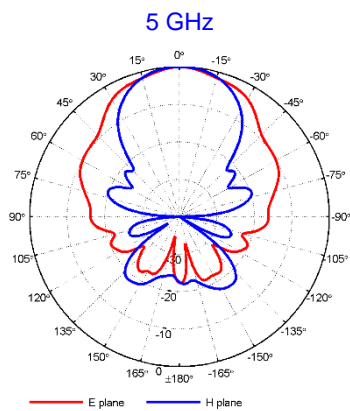
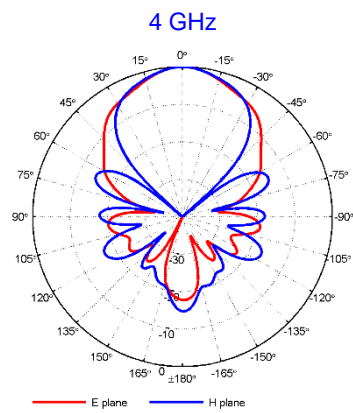
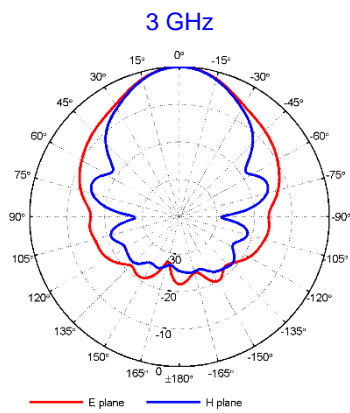
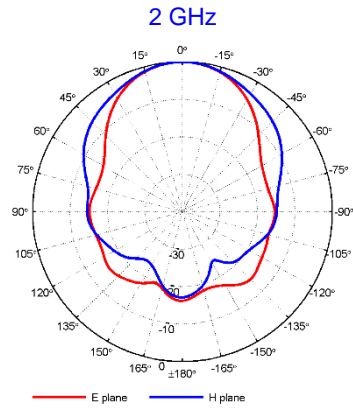
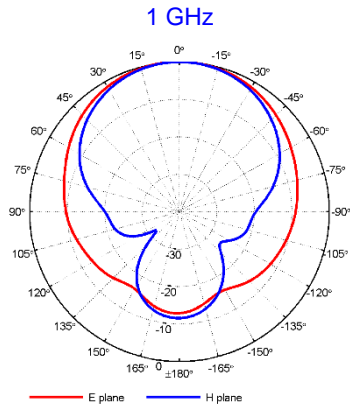
##### Antenna Factor (3m)



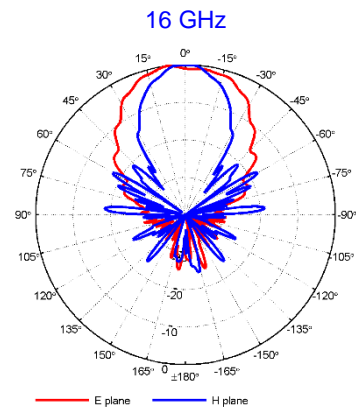
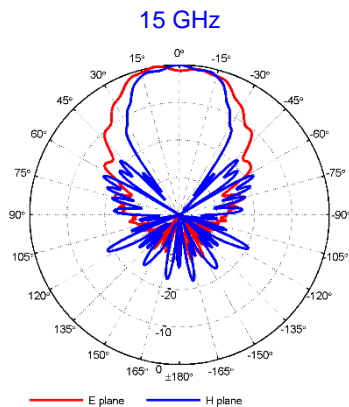
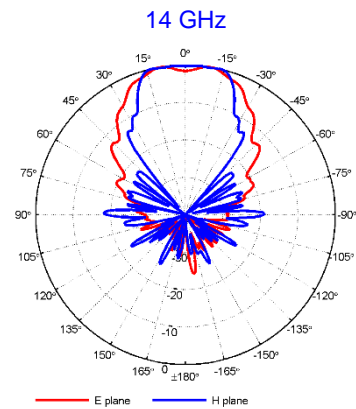
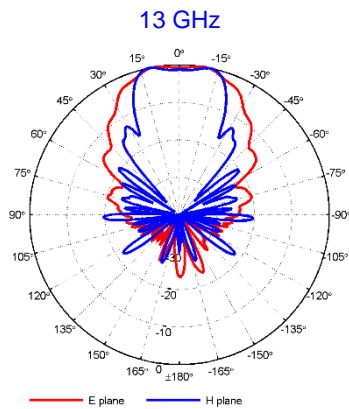
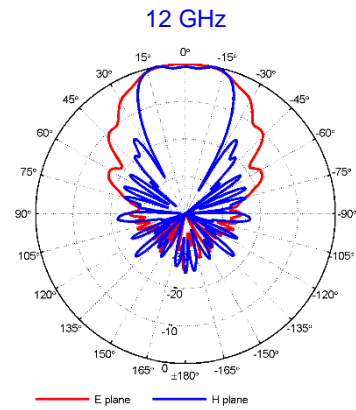
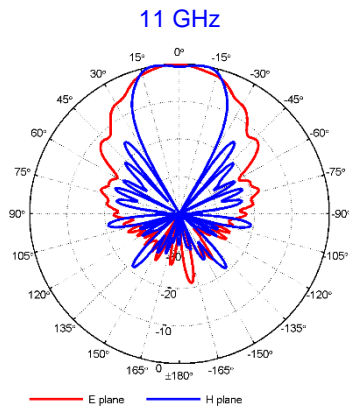
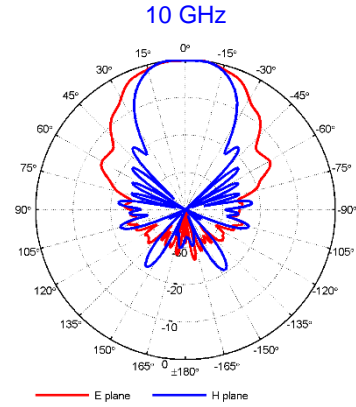
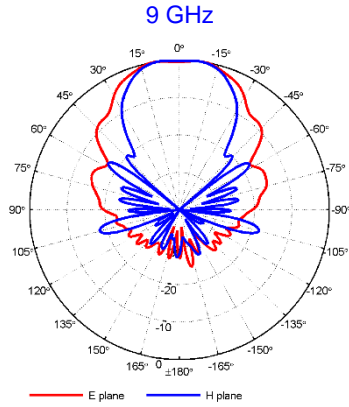
##### Cross Polarization



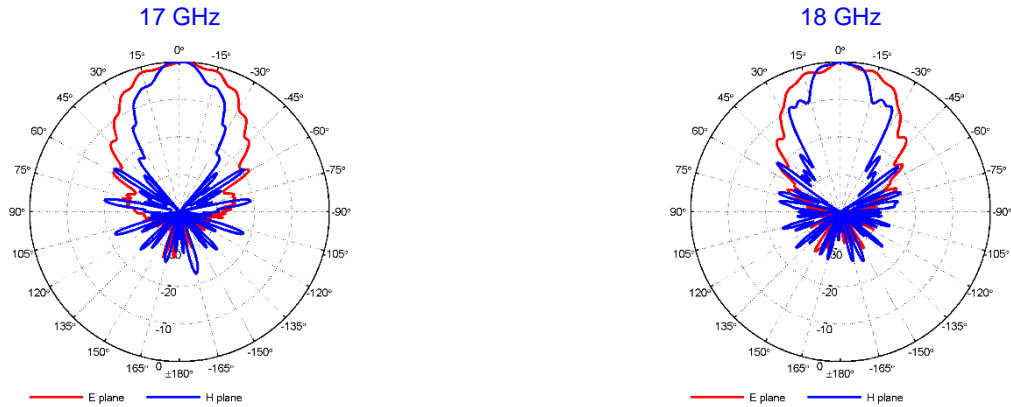
## Radiation patterns



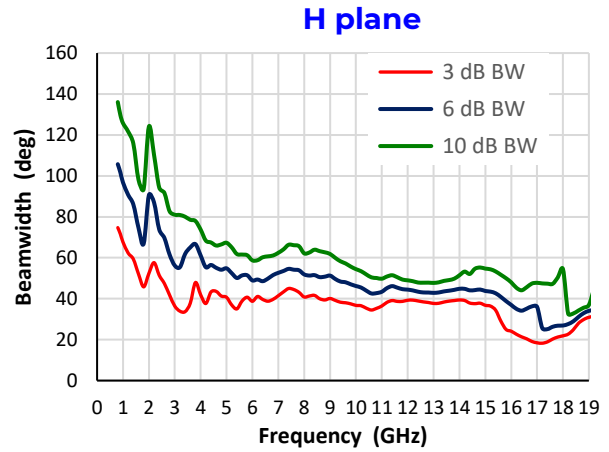
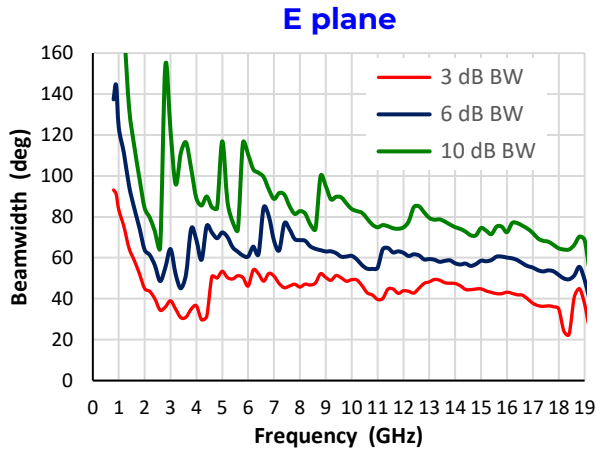
## Radiation patterns



## Radiation patterns



## Beamwidth



## Schematic Drawing

