

# Quad Ridged Horn Antenna – Model QRH20E

## Electrical Specifications

Frequency Range	1.7 GHz – 20 GHz
VSWR (max.)	< 2.4
Impedance	50 Ω
Connector	2 × SMA female
Power (CW / Pulse)	20 W / 40 W

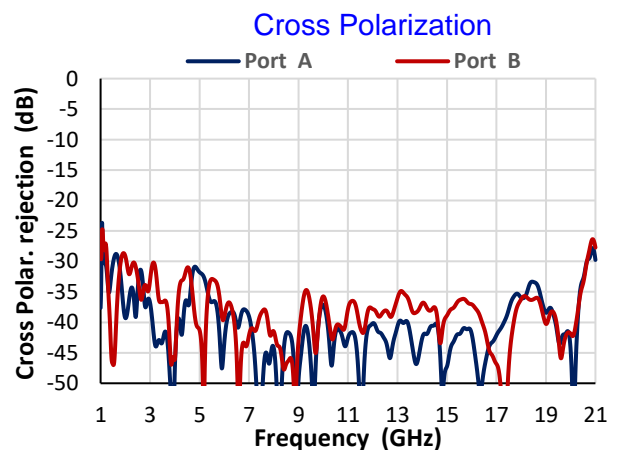
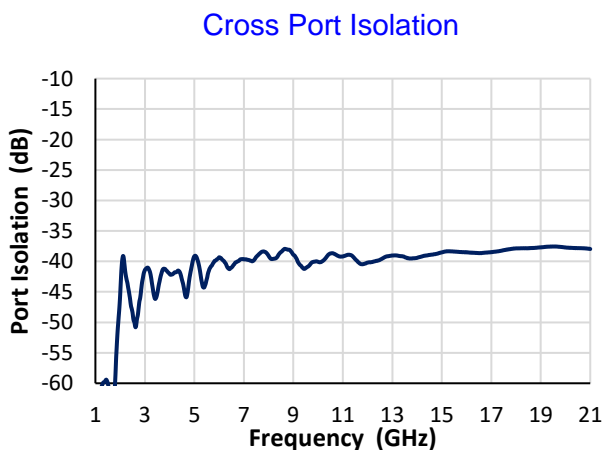
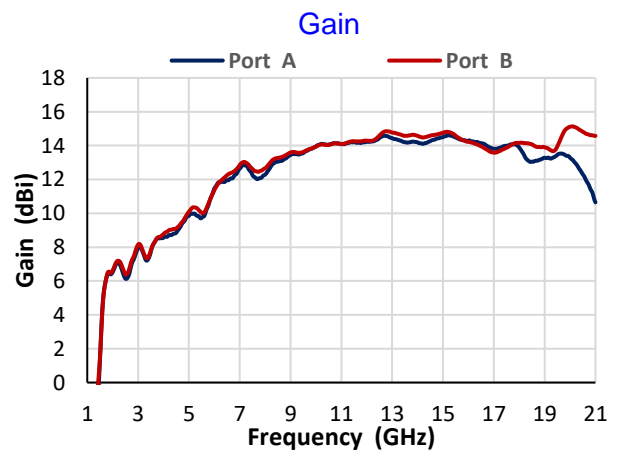
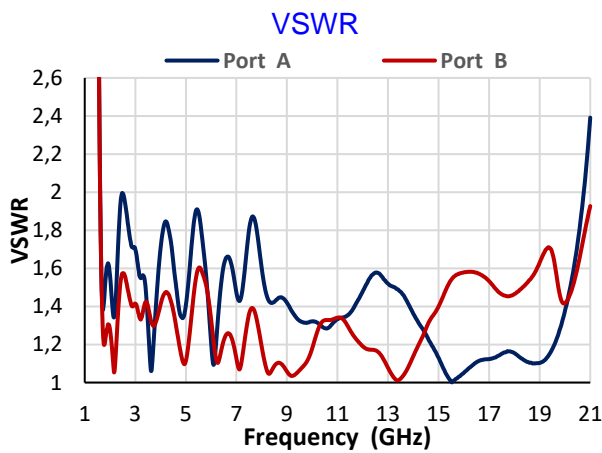
## Physical Specifications

Width	101 mm (3.98 in)
Depth	101 mm (3.98 in)
Height	132 mm (5.20 in)
Weight	258 g (0.56 lb)

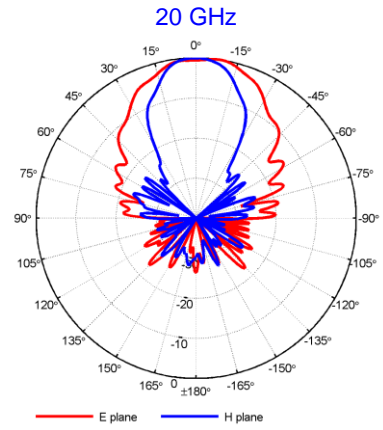
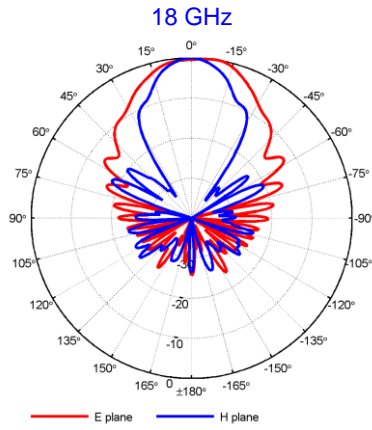
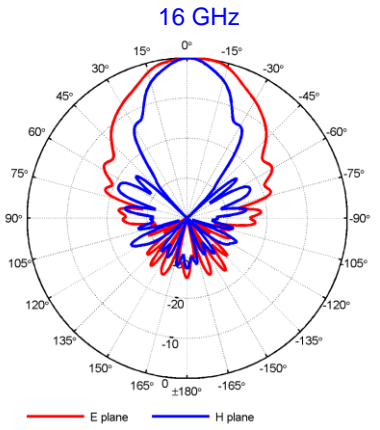
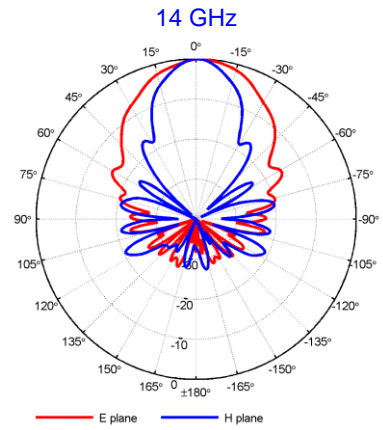
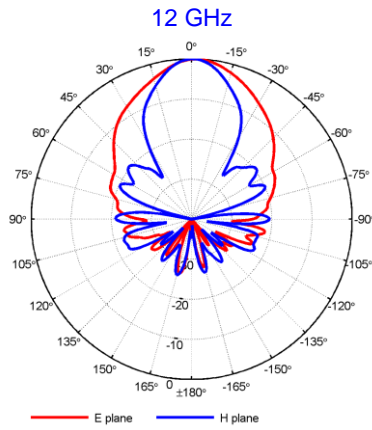
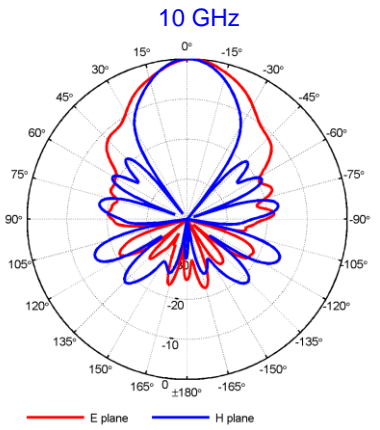
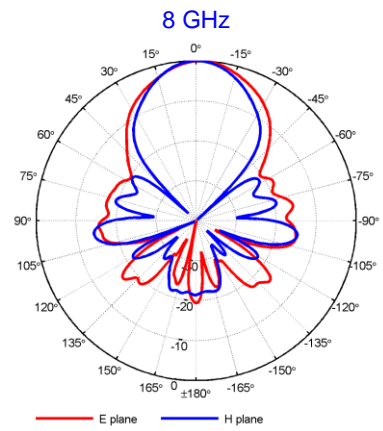
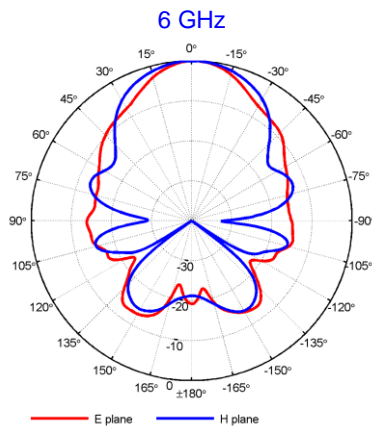
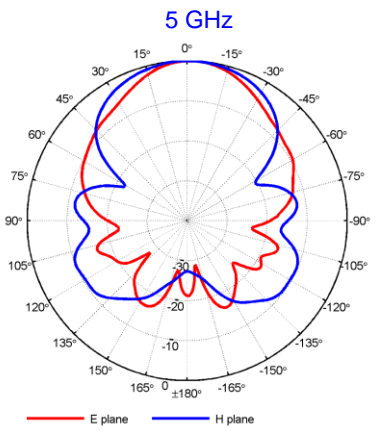
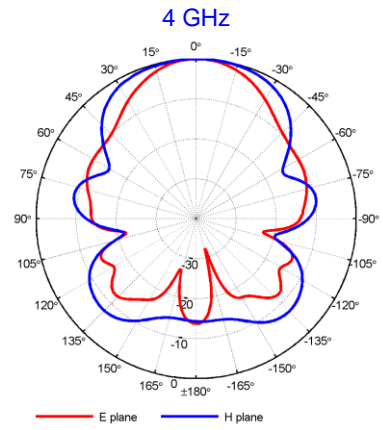
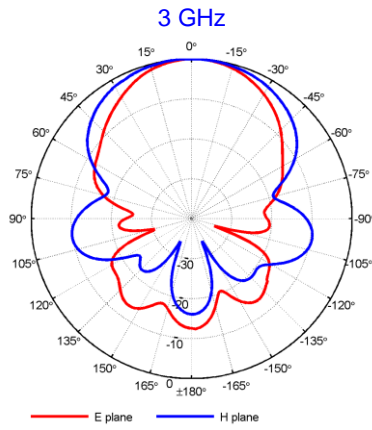
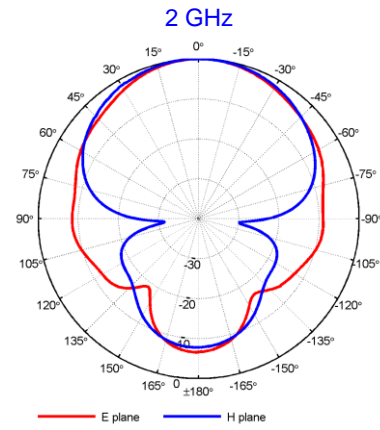
- Linear or circular polarization (with hybrid)



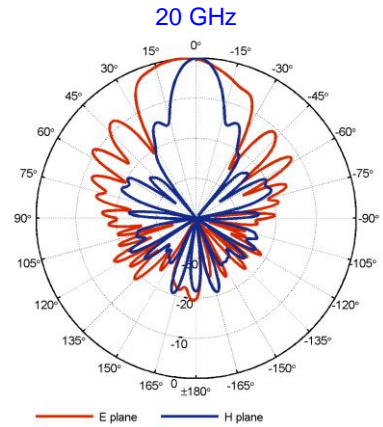
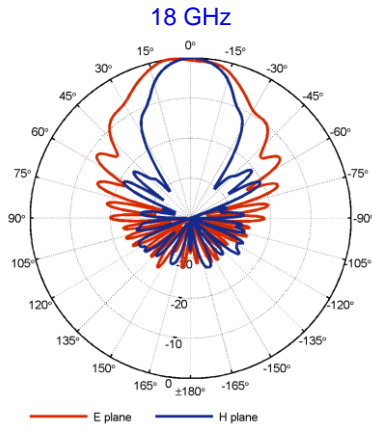
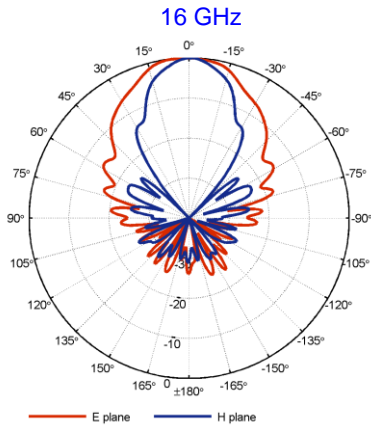
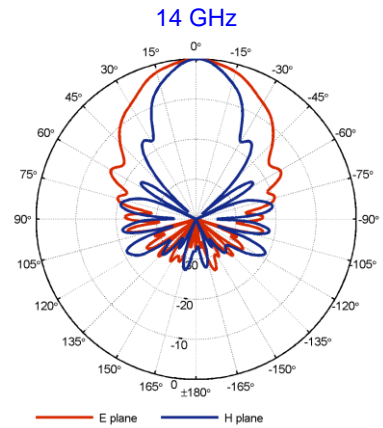
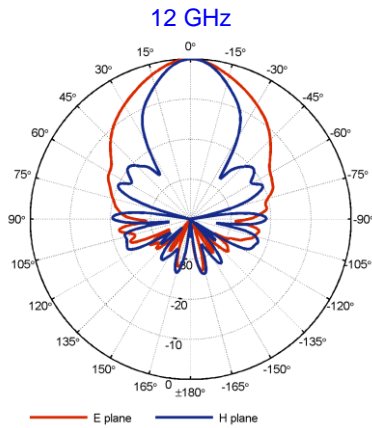
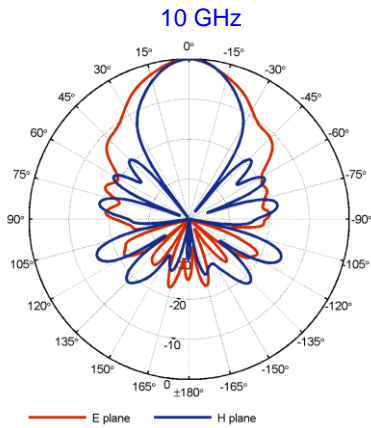
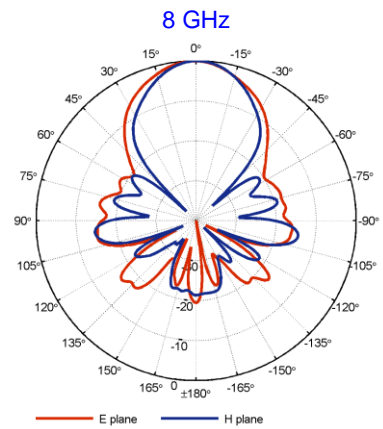
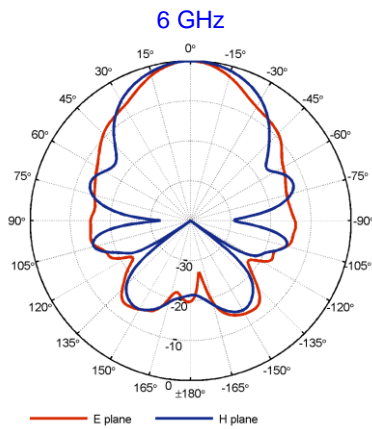
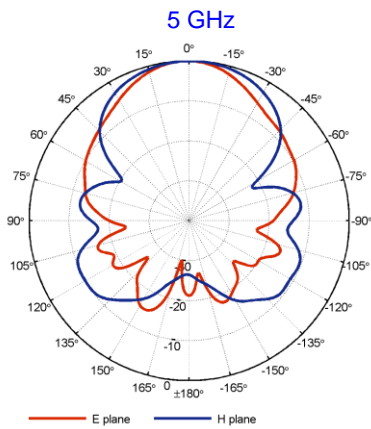
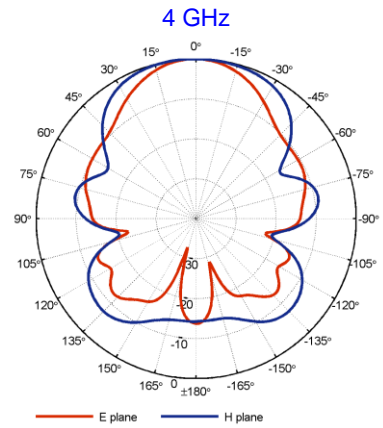
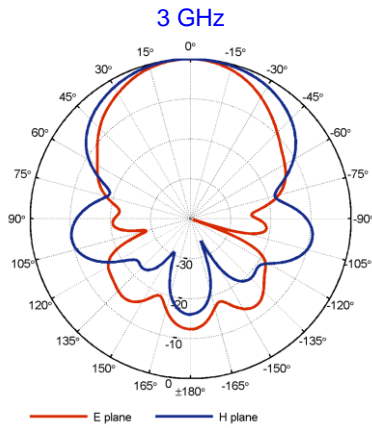
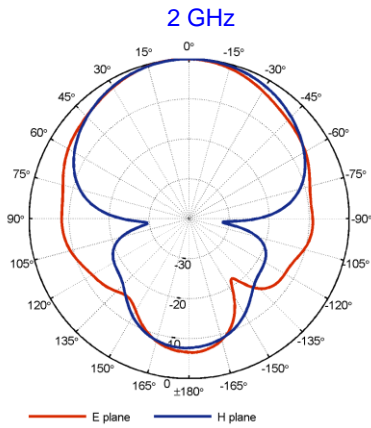
### Typical Parameters



**PORT A - Radiation Patterns**

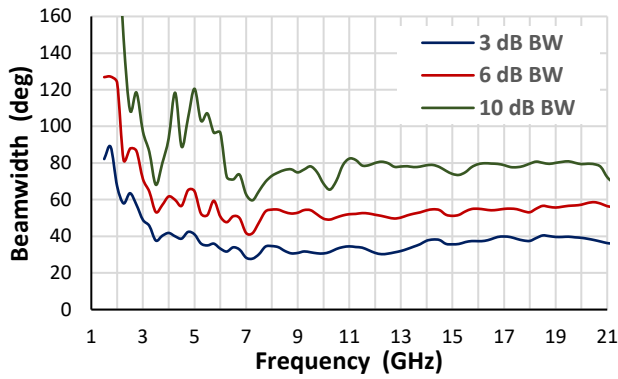


**PORT B - Radiation Patterns**

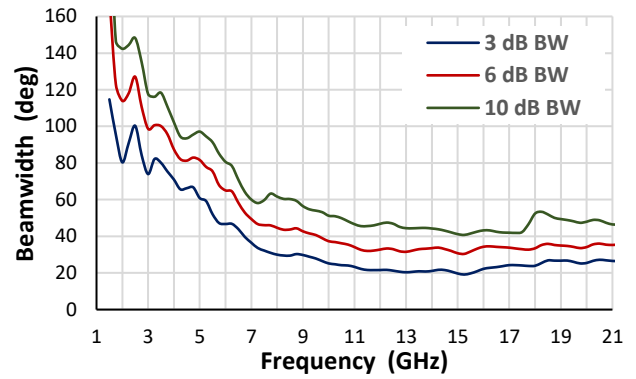


**Beamwidth – Port A**

E plane

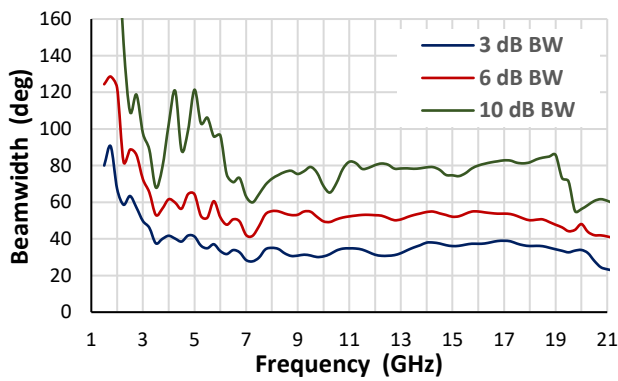


H plane



**Beamwidth – Port B**

E plane



H plane

