

# Quad Ridged Horn Antenna – Model QRH50

## Electrical Specifications

Frequency Range	5 GHz – 50 GHz
VSWR (max.)	< 2.5
Impedance	50 $\Omega$
Connector	2 x 2.40mm <sub>female</sub>
Power (CW / Pulse)	5 W / 10 W

## Physical Specifications

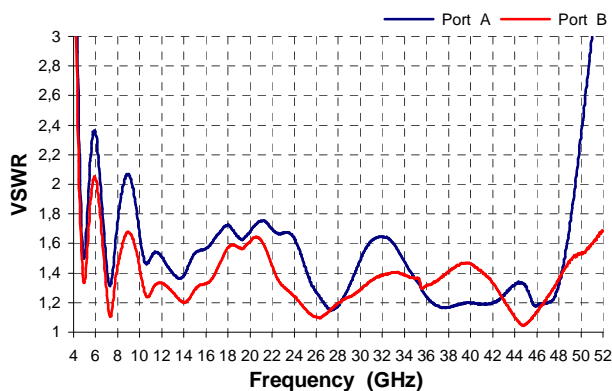
Width	45 mm (1.77 in)
Depth	45 mm (1.77 in)
Height	55 mm (2.17 in)
Weight	35 g (0.077 lb)



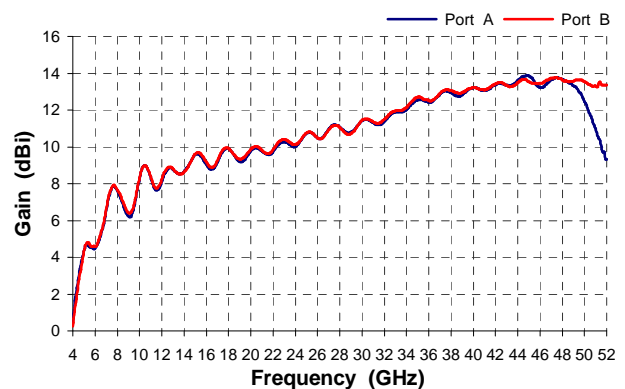
- Linear or circular polarization (with hybrid)

### Typical Parameters

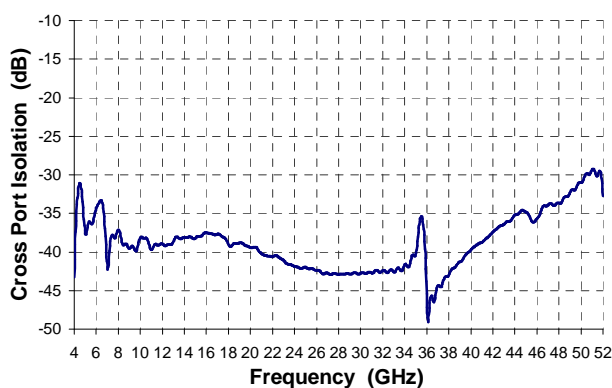
VSWR



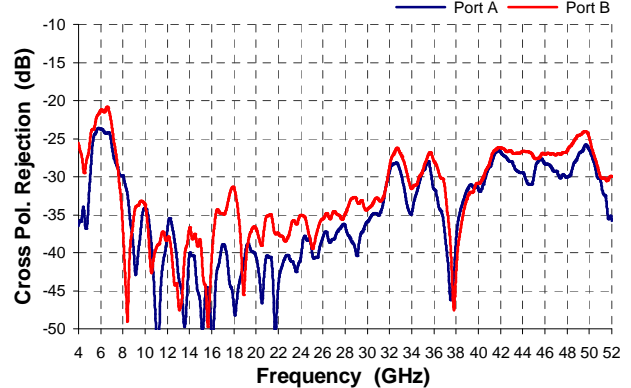
Gain



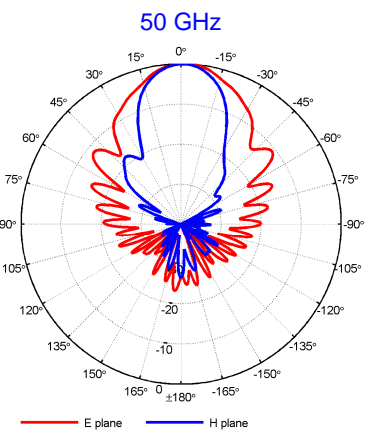
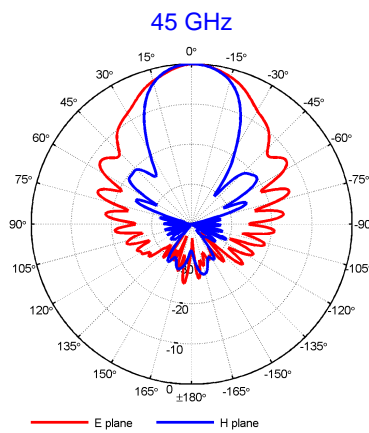
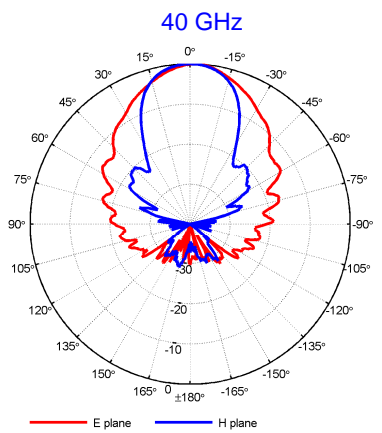
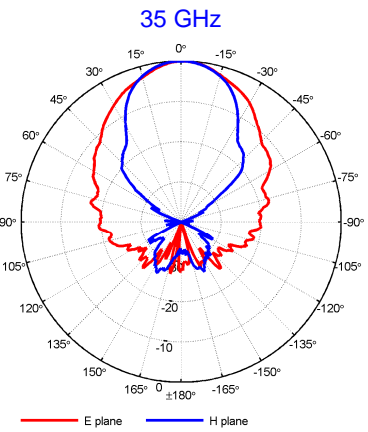
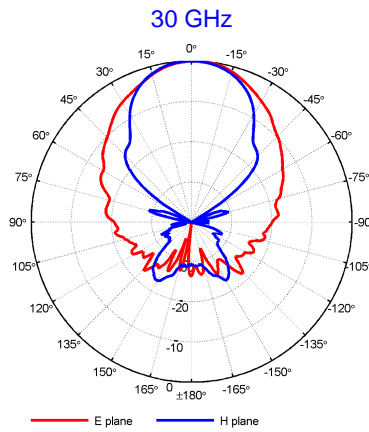
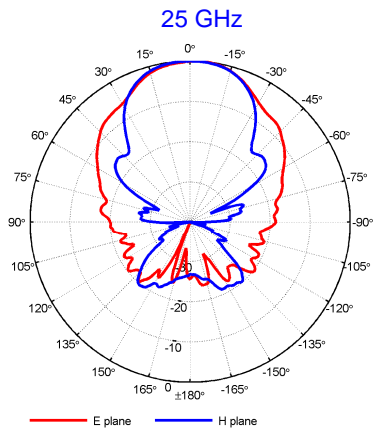
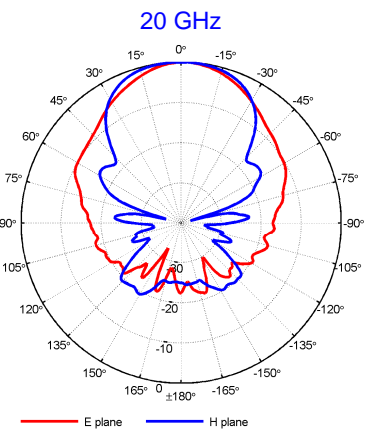
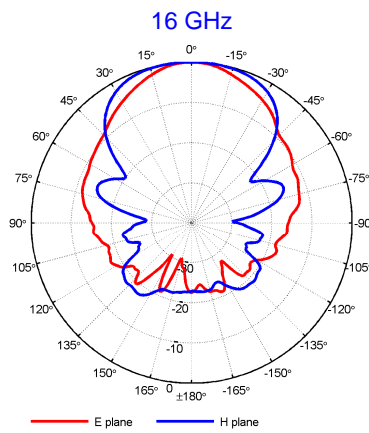
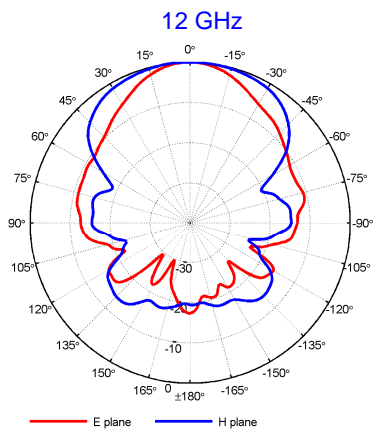
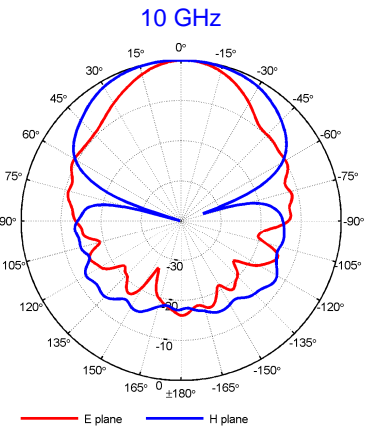
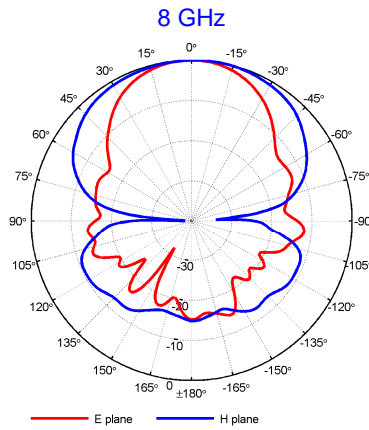
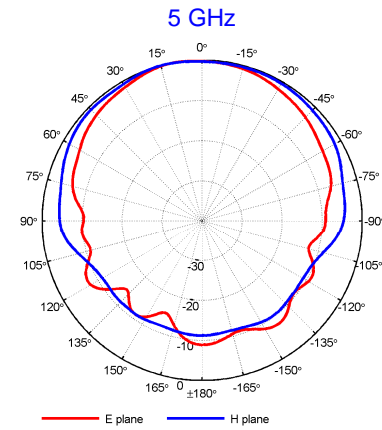
Cross Port Isolation



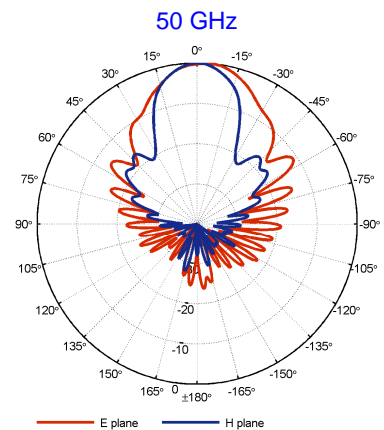
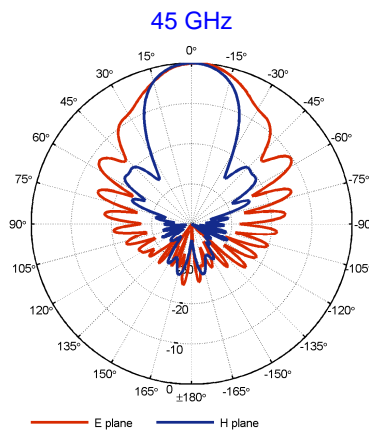
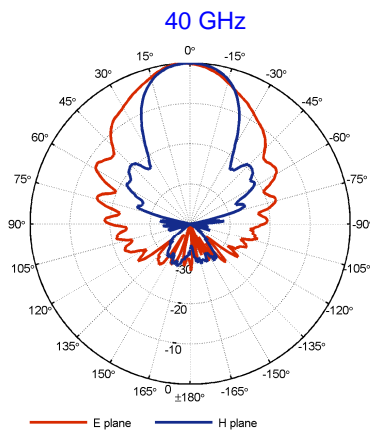
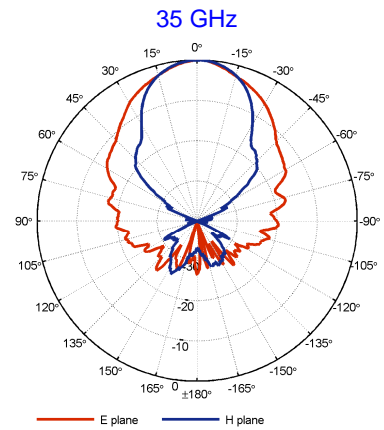
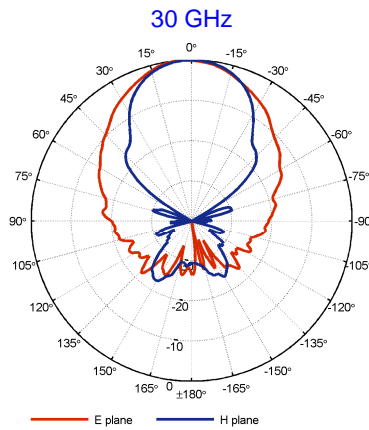
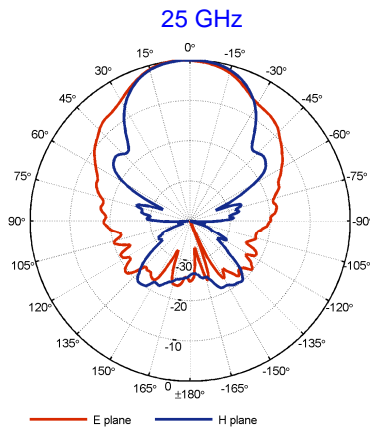
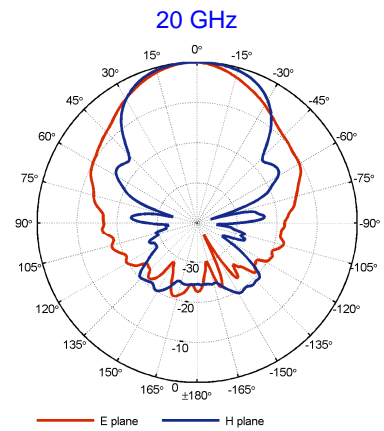
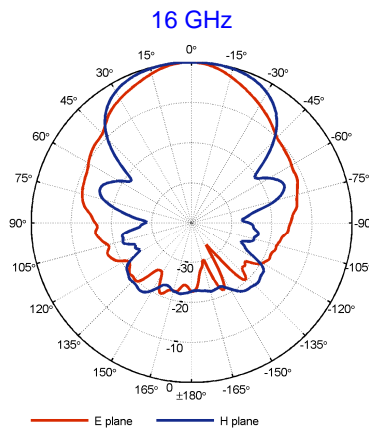
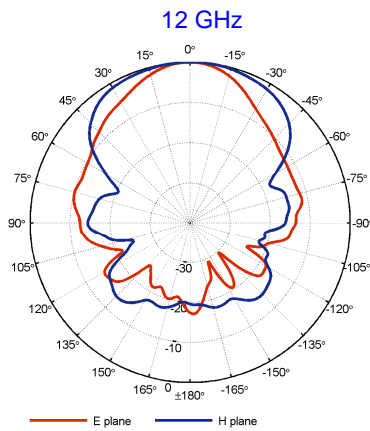
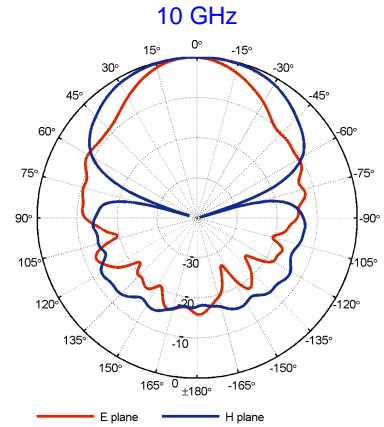
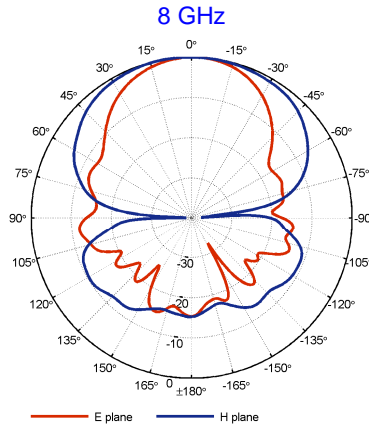
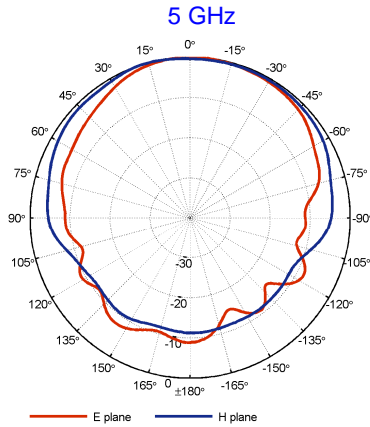
Cross Polarization



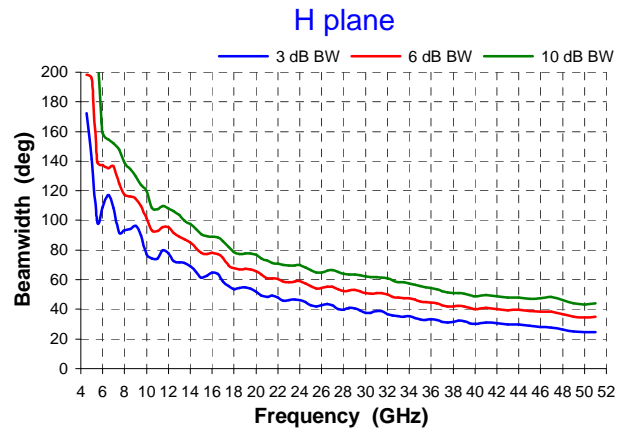
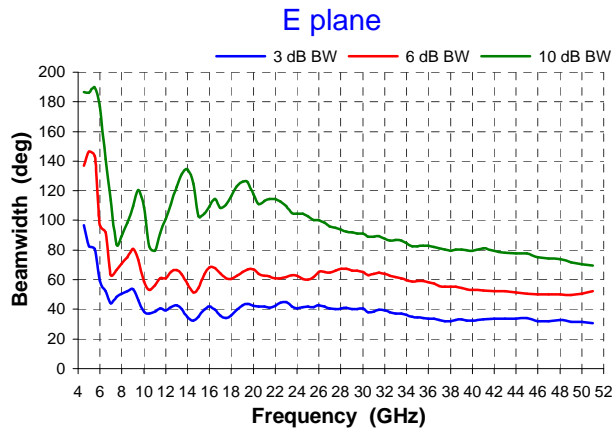
**PORT A - Radiation Patterns**



**PORT B - Radiation Patterns**



**Beamwidth – Port A**



**Beamwidth – Port B**

