

# Quad Ridged Horn Antenna – Model QRH40

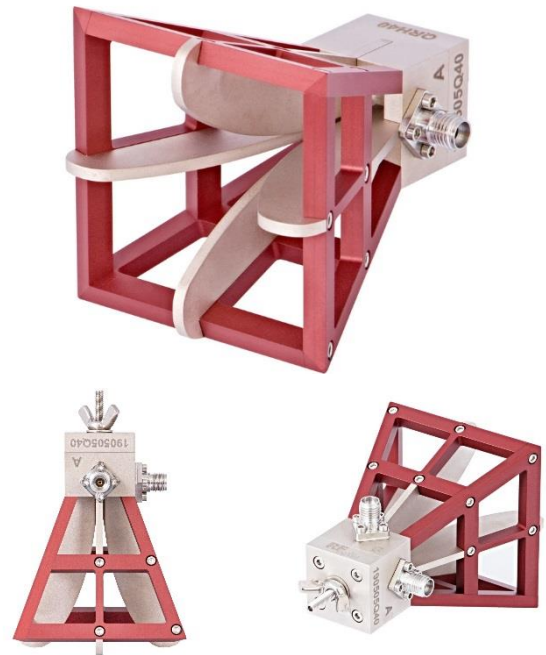
### Electrical Specifications

Frequency Range	4 GHz – 40 GHz
VSWR (max.)	< 2.4
Impedance	50 Ω
Connector	2 × K <sub>female</sub>
Power (CW / Pulse)	10 W / 20 W

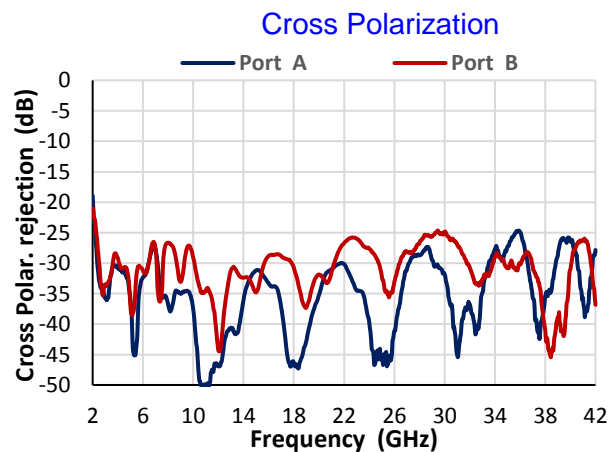
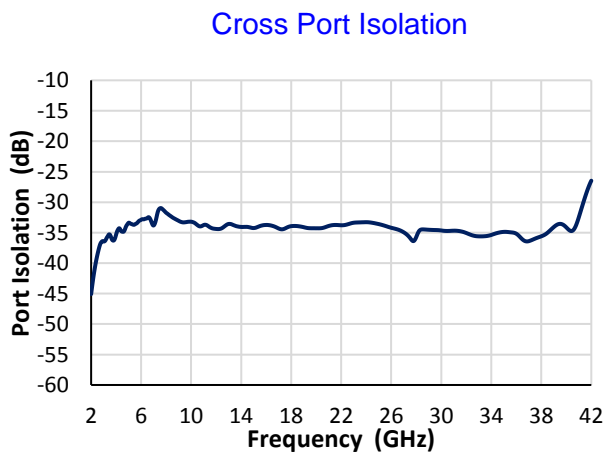
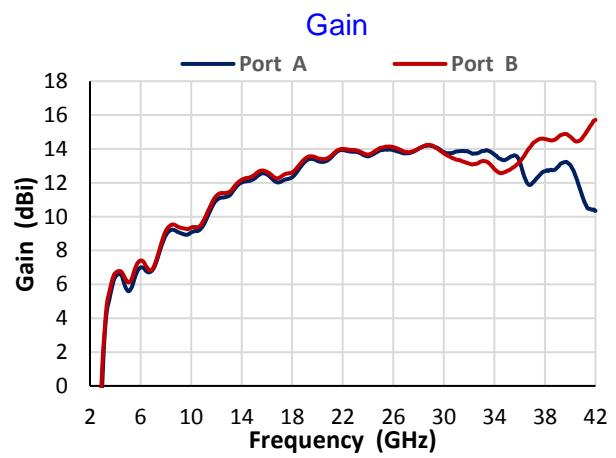
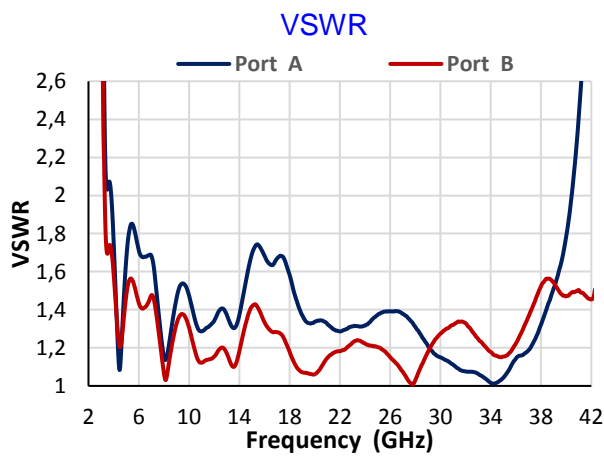
### Physical Specifications

Width	53 mm (2.09 in)
Depth	53 mm (2.09 in)
Height	68 mm (2.68 in)
Weight	68 g (0.15 lb)

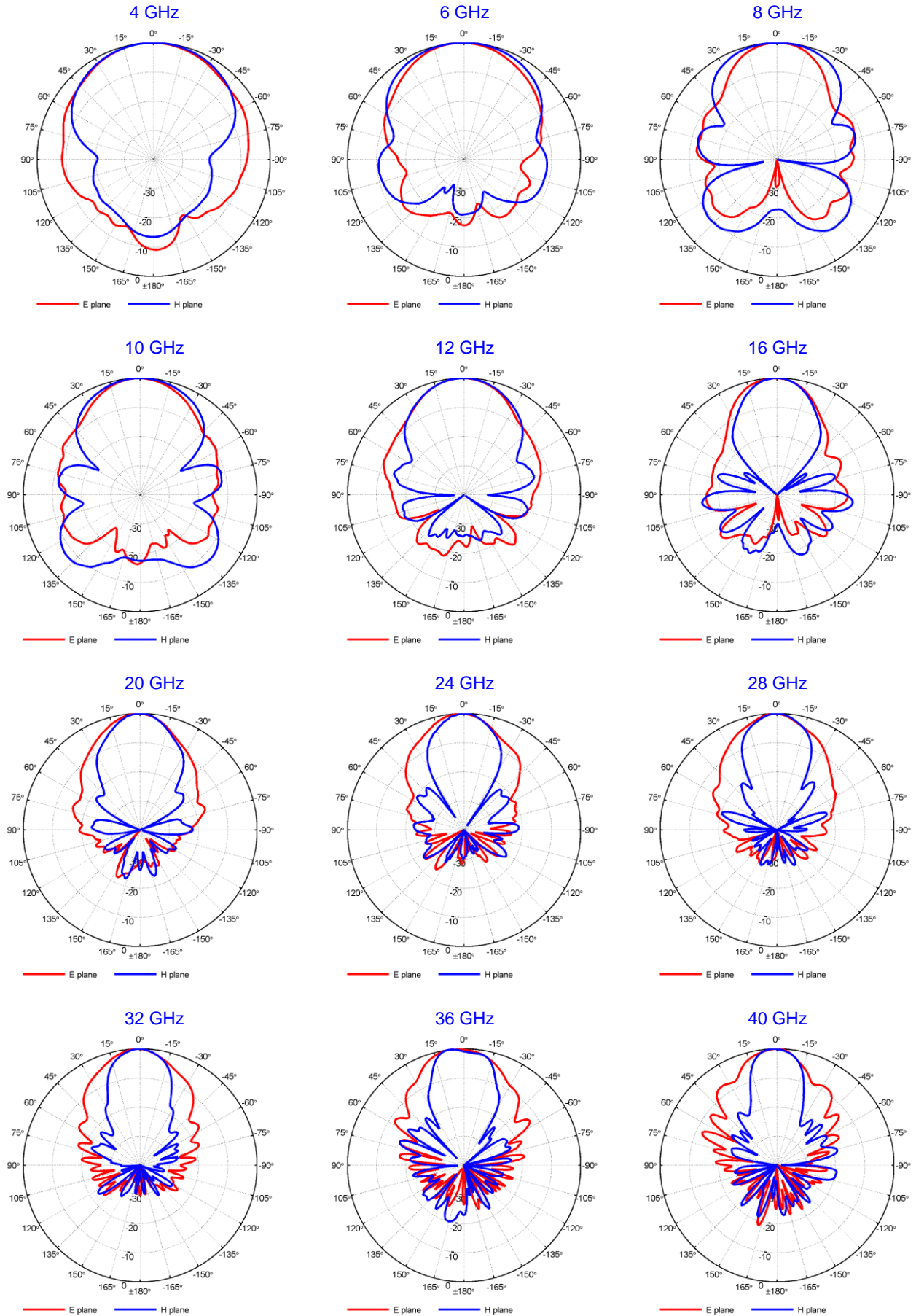
- Linear or circular polarization (with hybrid)



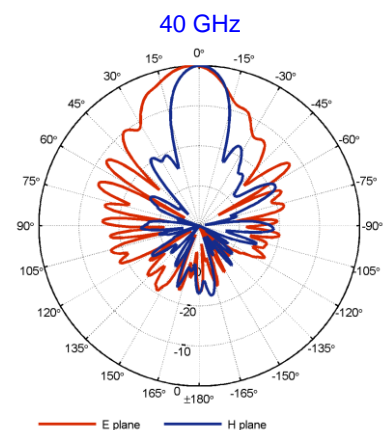
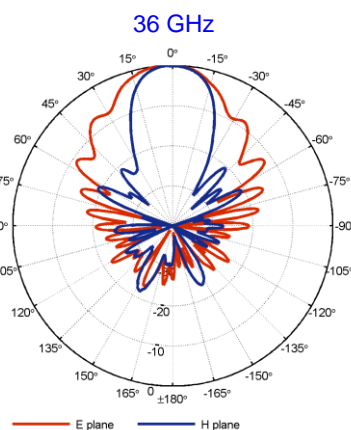
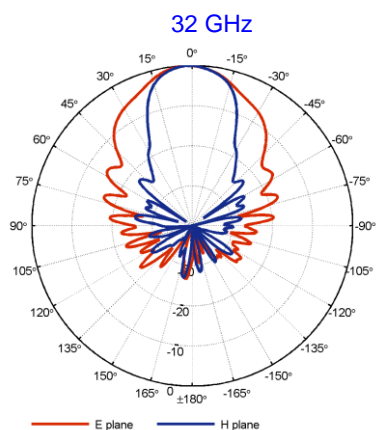
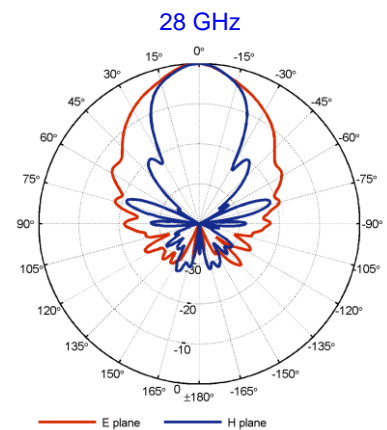
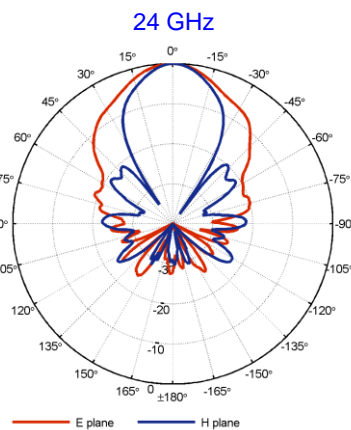
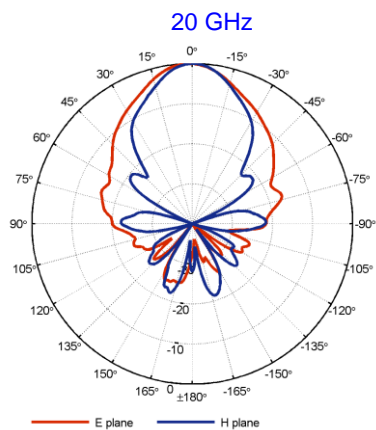
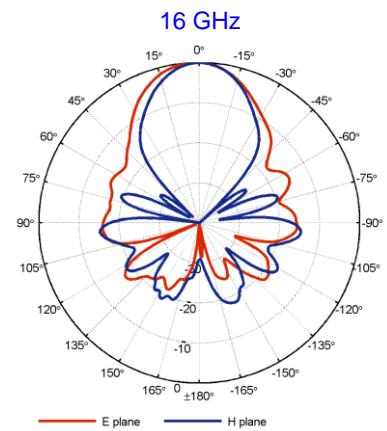
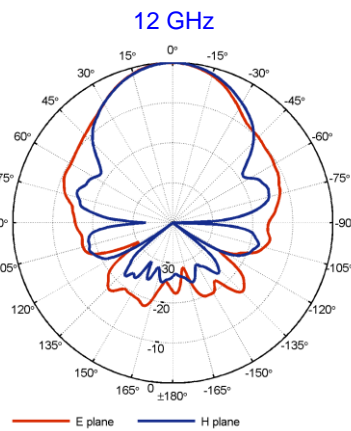
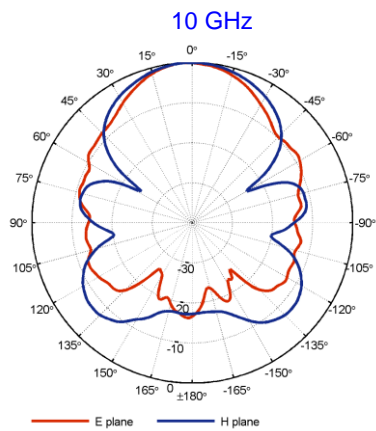
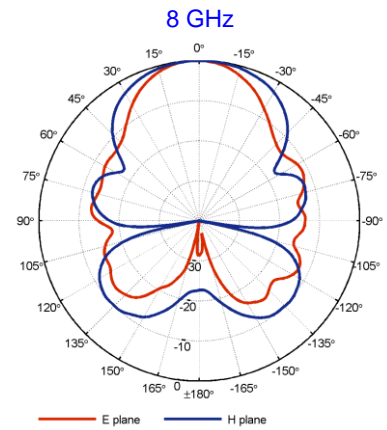
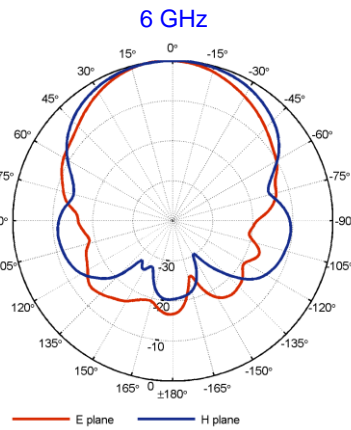
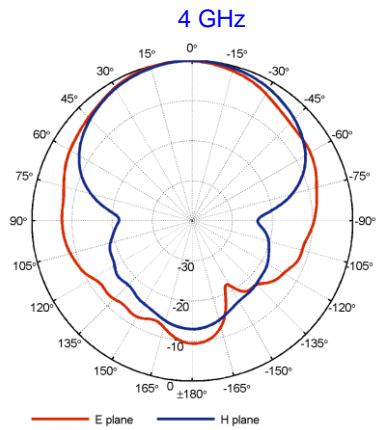
### Typical Parameters



**PORT A - Radiation Patterns**

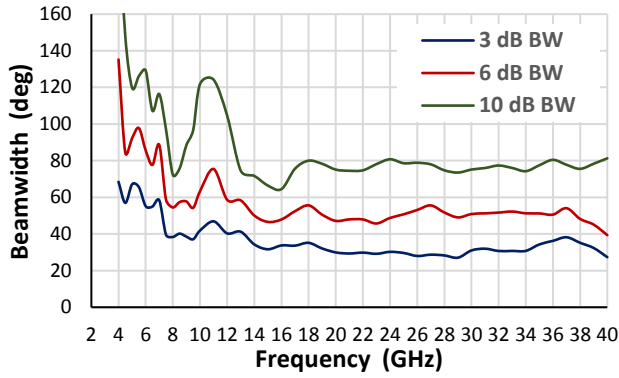


**PORT B - Radiation Patterns**

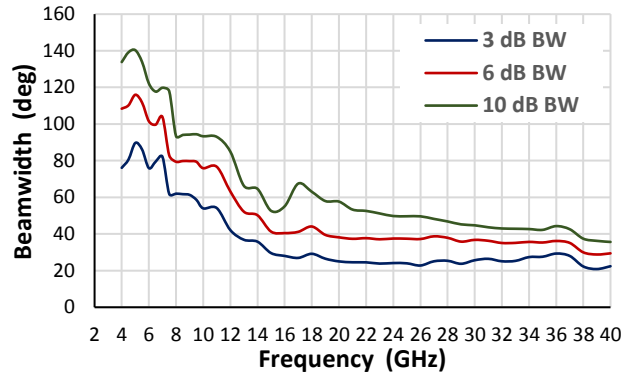


**Beamwidth – Port A**

E plane

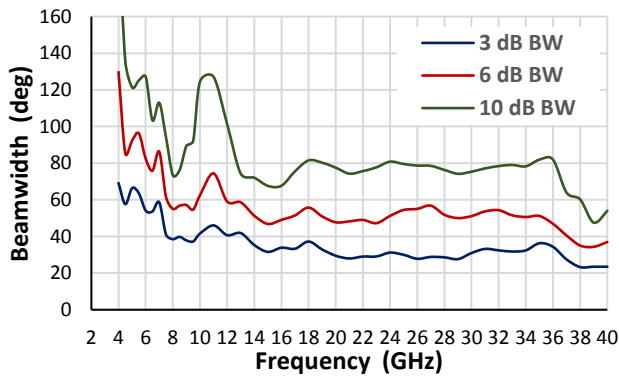


H plane

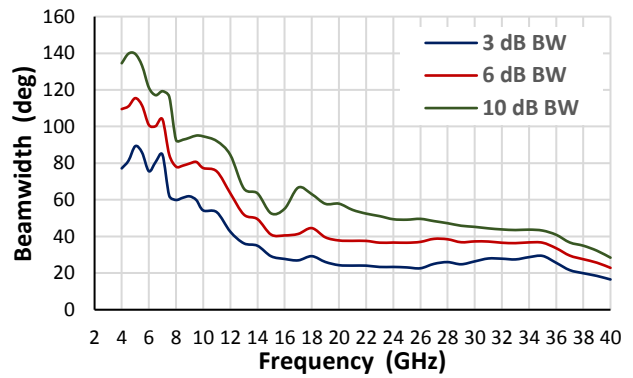


**Beamwidth – Port B**

E plane



H plane



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