

Quad Ridged Horn Antenna – Model QRH18

Electrical Specifications

Frequency Range	1 GHz – 18 GHz
VSWR (max.)	< 2.5
Impedance	50 Ω
Connector	2 × SMA _{female}
Power (CW / Pulse)	100 W / 170 W

Physical Specifications

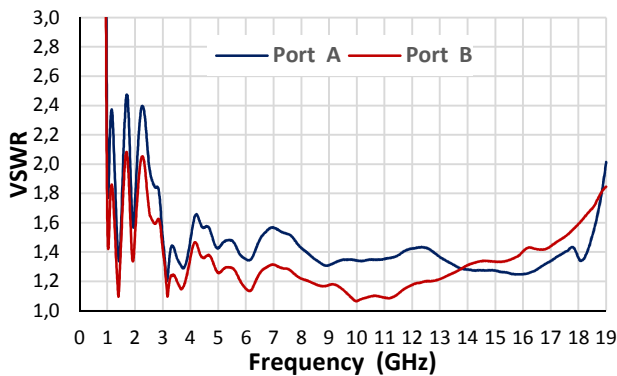
Width	230.6 mm (9.079 in)
Depth	230.6 mm (9.079 in)
Height	229.1 mm (9.020 in)
Weight	650 g (1.433 lb)

- Installed 2 circular spirit levels for easy setup
- Linear or circular polarization (with hybrid)

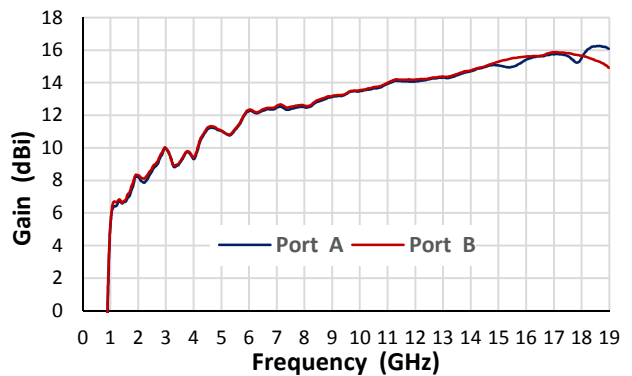


Typical Parameters

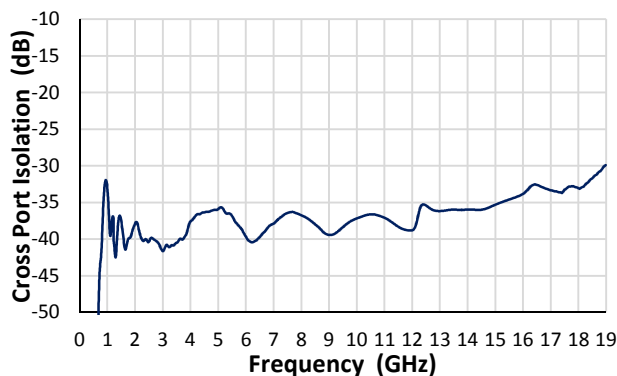
VSWR



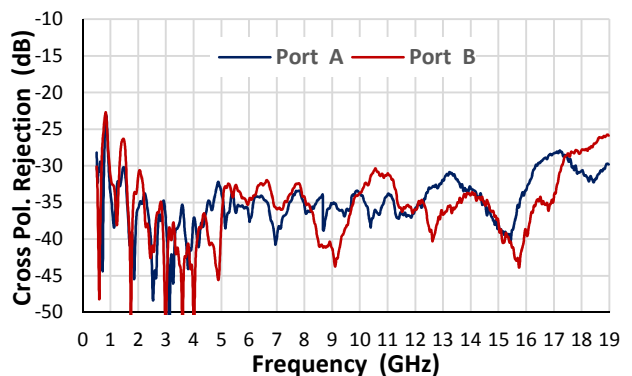
Gain



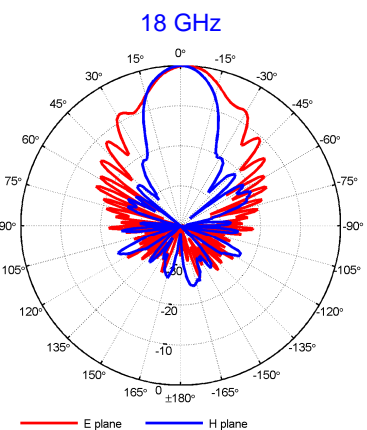
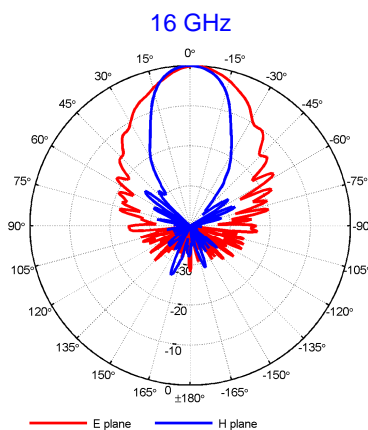
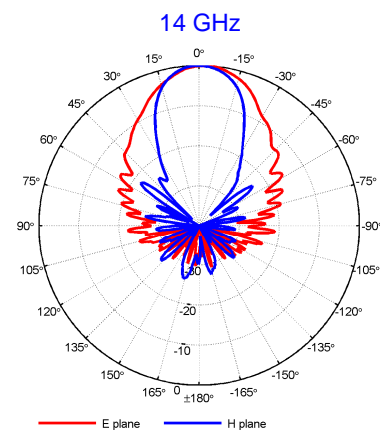
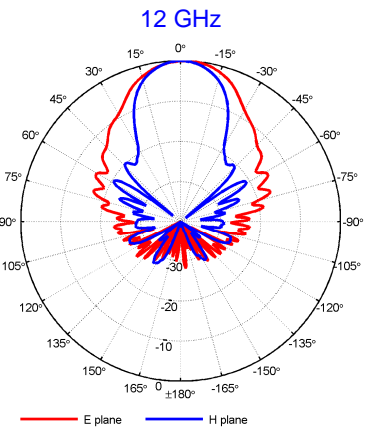
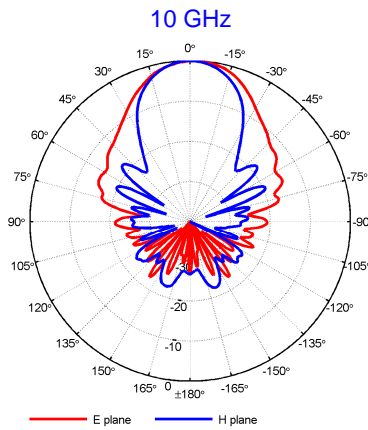
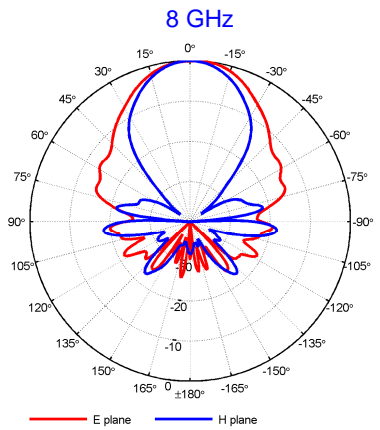
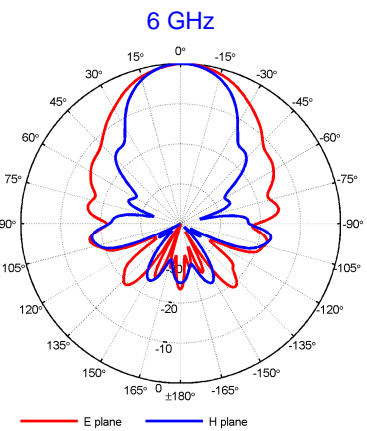
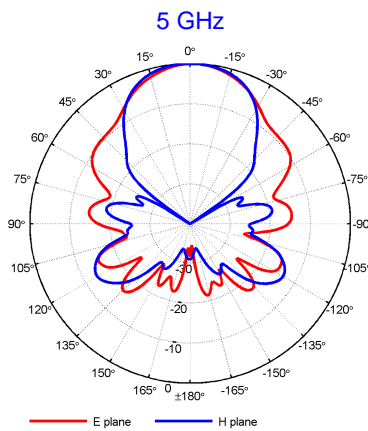
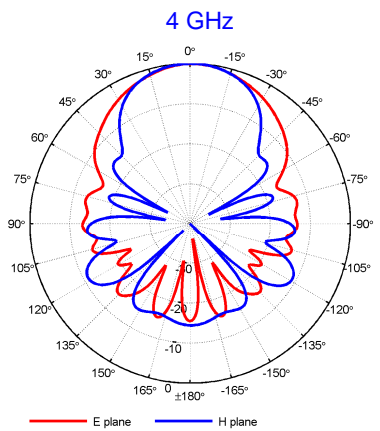
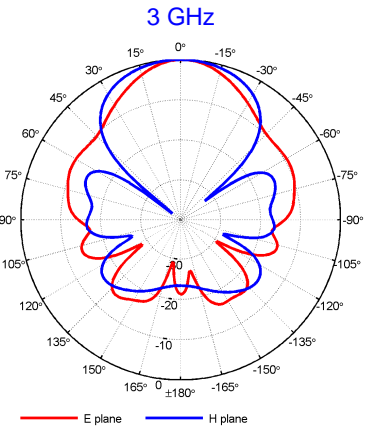
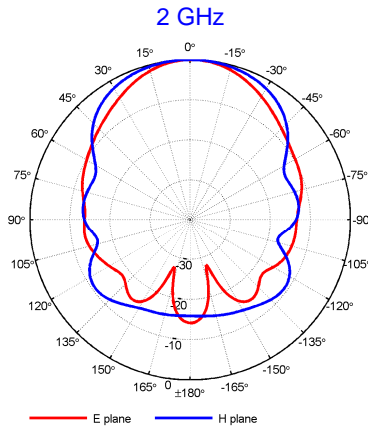
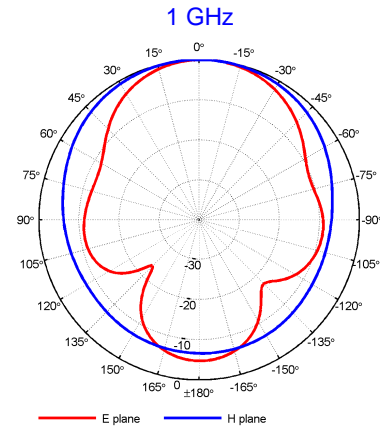
Cross Port Isolation



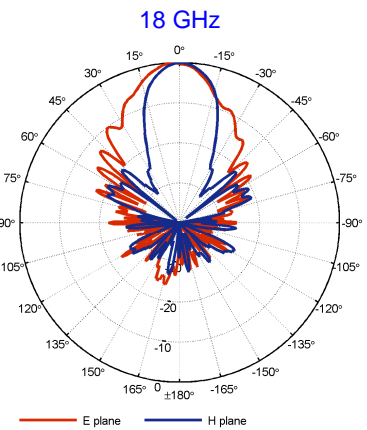
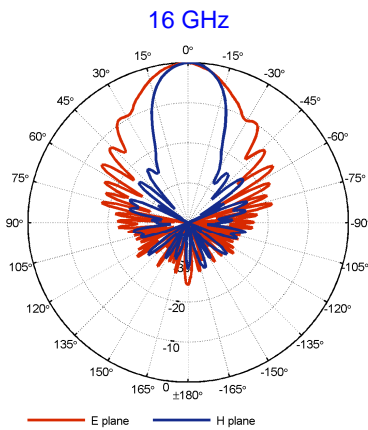
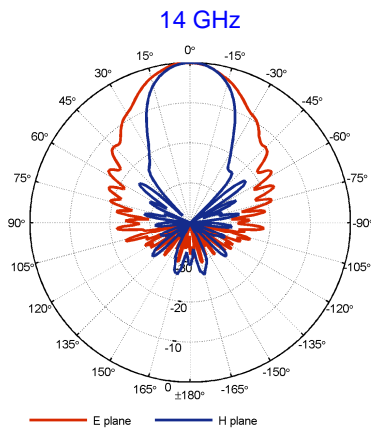
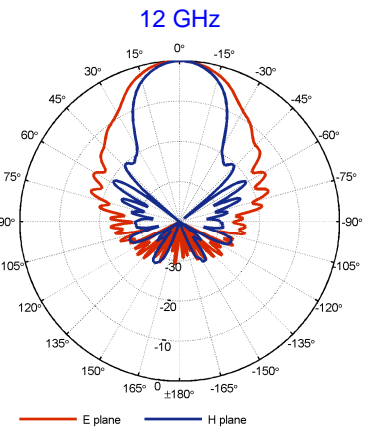
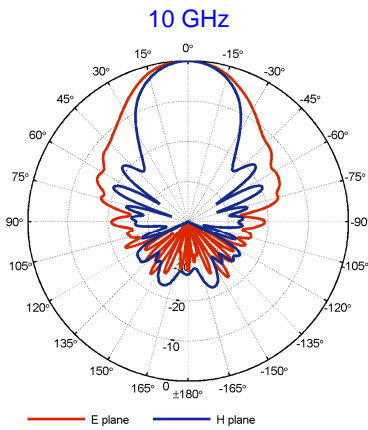
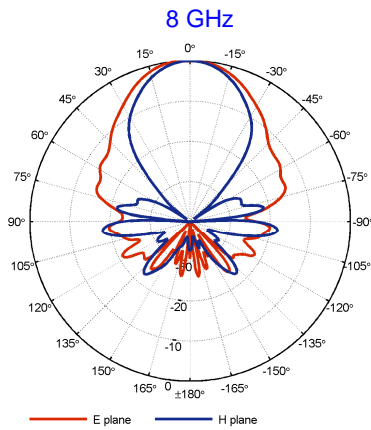
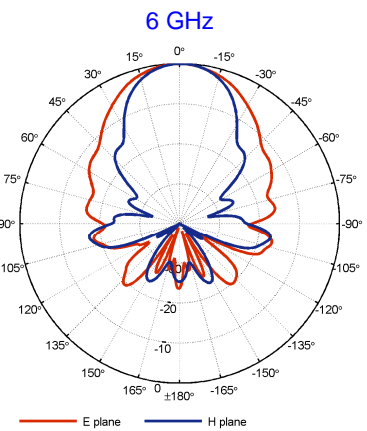
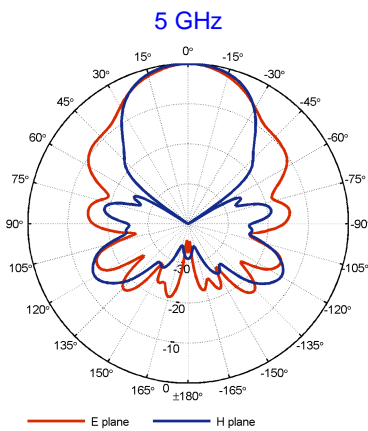
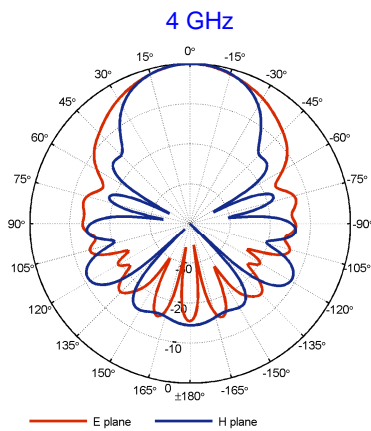
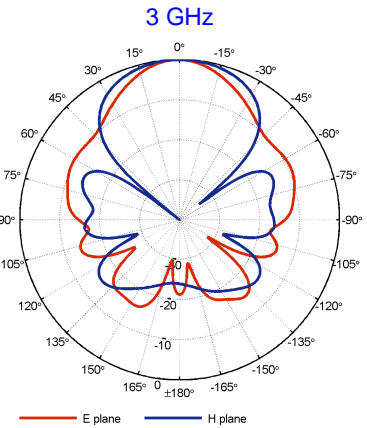
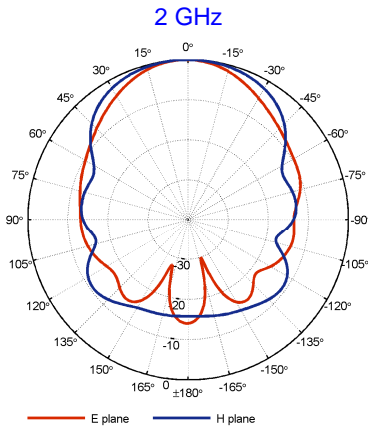
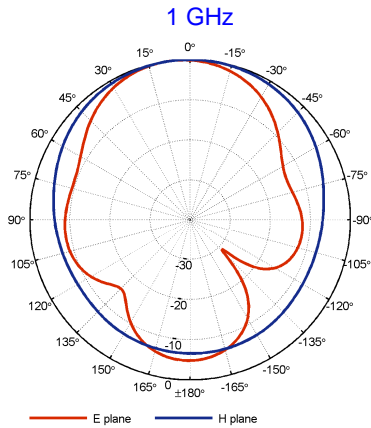
Cross Polarization



PORT A - Radiation Patterns

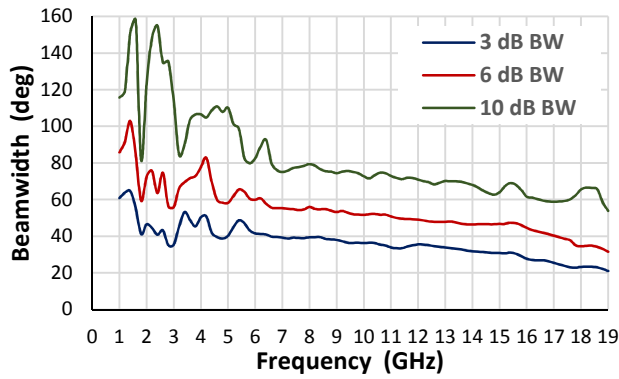


PORT B - Radiation Patterns

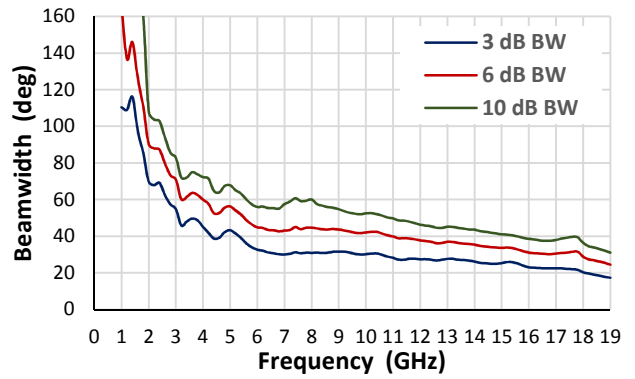


Beamwidth – Port A

E plane

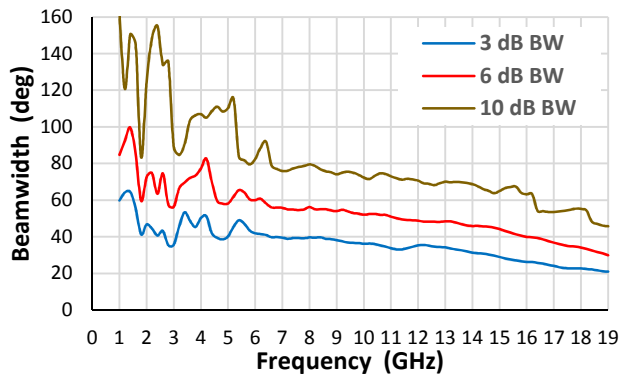


H plane



Beamwidth – Port B

E plane



H plane

