

Quad Ridged Horn Antenna – Model QRH400

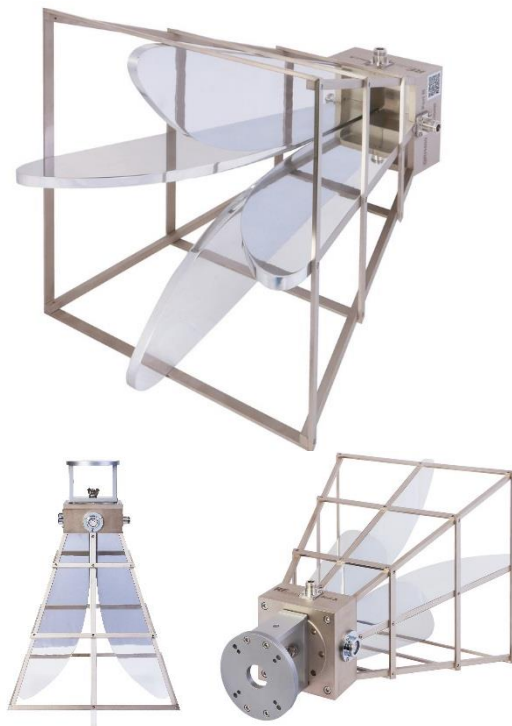
Electrical Specifications

Frequency Range	0.4 GHz – 6 GHz
VSWR (max.)	< 2.1:1
Impedance	50 Ω
Connector	2x N _{female}
Power (CW / Pulse)	50 W / 100 W

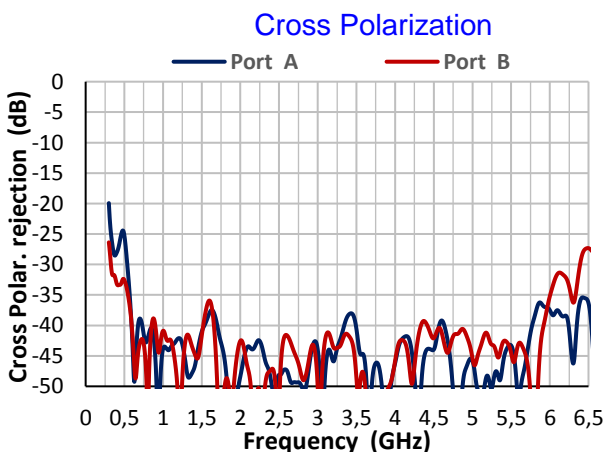
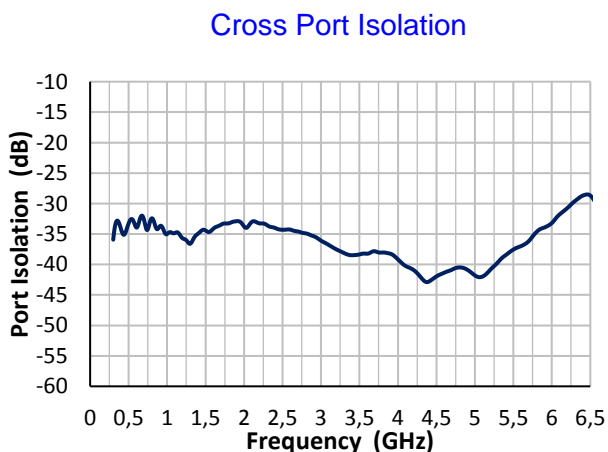
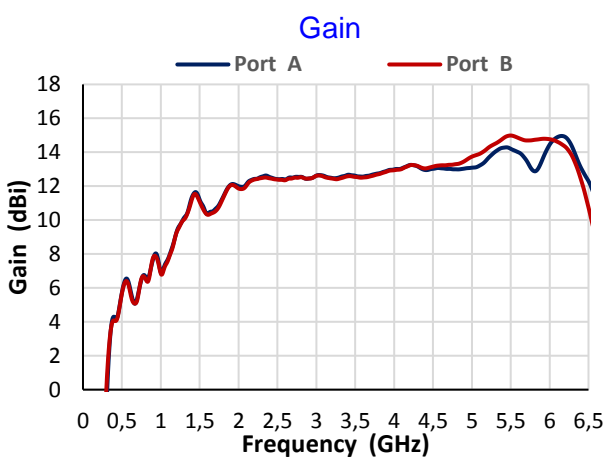
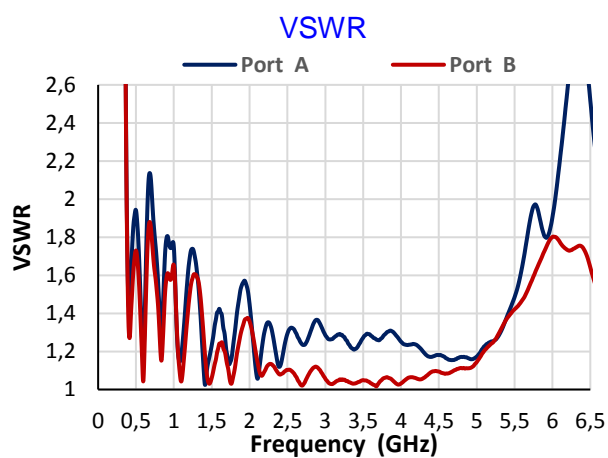
Physical Specifications

Width	33.5 cm (13.19 in)
Depth	33.5 cm (13.19 in)
Height	43.3 cm (17.05 in)
Weight	4.0 kg (8.82 lb)

- Linear or circular polarization (with hybrid)

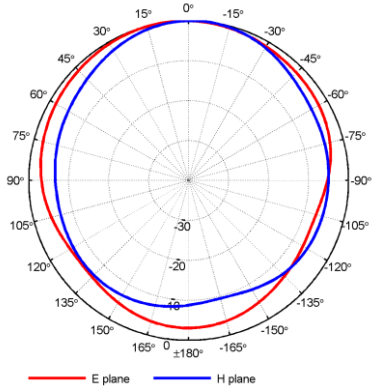


Typical Parameters

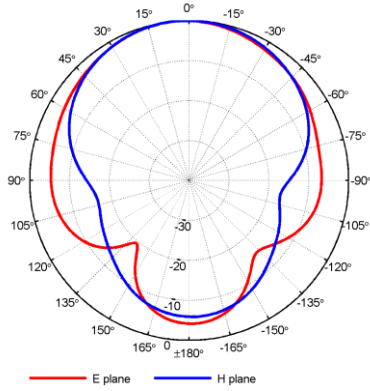


PORT A - Radiation Patterns

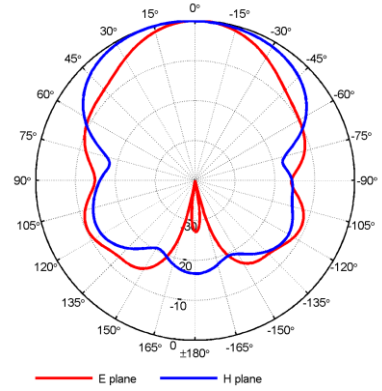
0.4 GHz



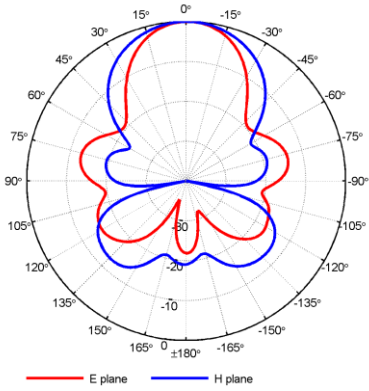
0.6 GHz



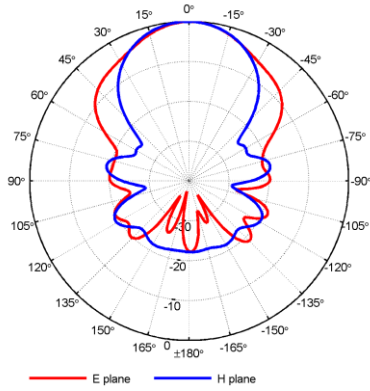
1.0 GHz



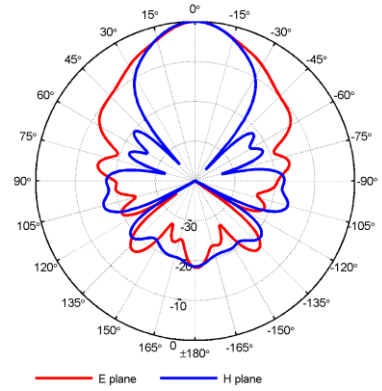
1.4 GHz



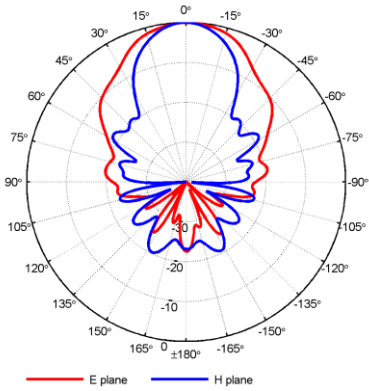
1.8 GHz



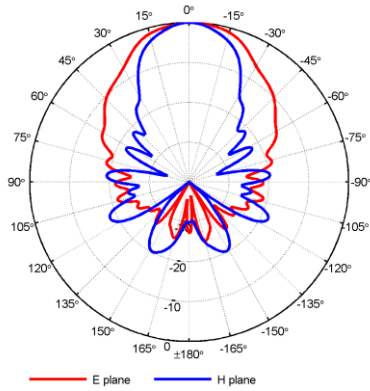
2.4 GHz



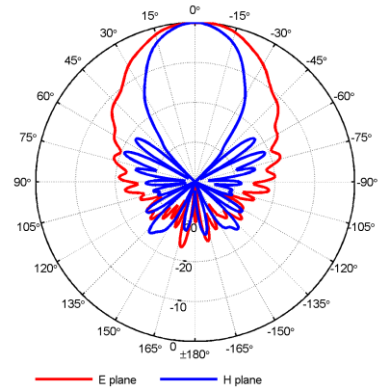
3.0 GHz



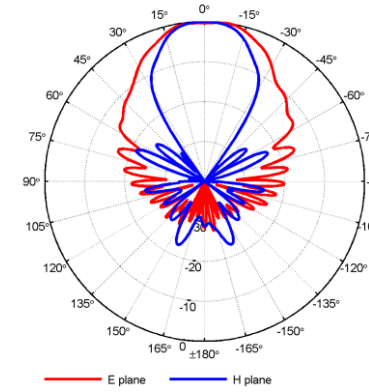
3.6 GHz



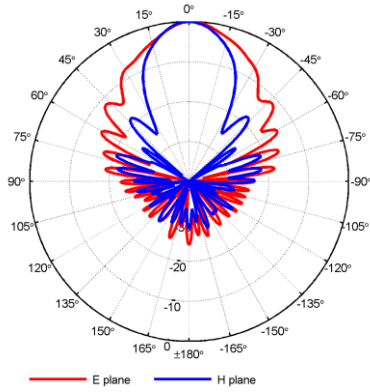
4.2 GHz



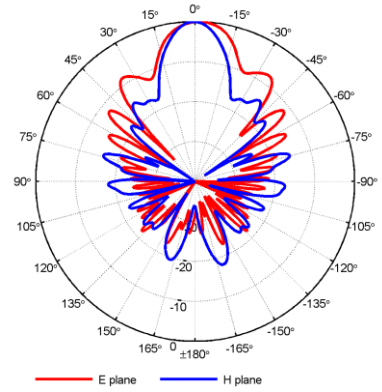
4.8 GHz



5.4 GHz

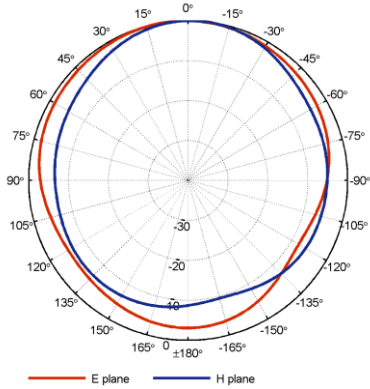


6 GHz

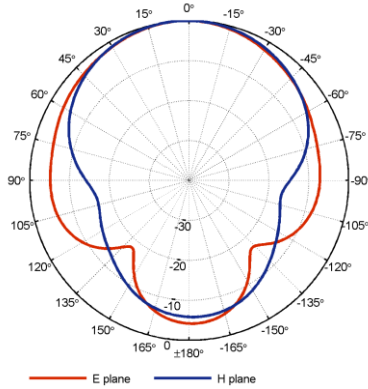


PORT B - Radiation Patterns

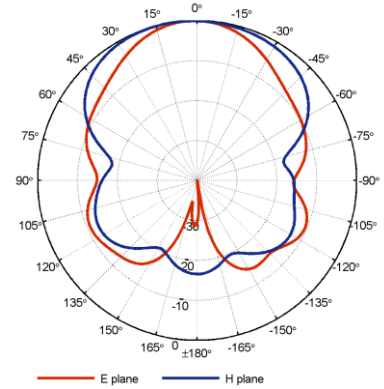
0.4 GHz



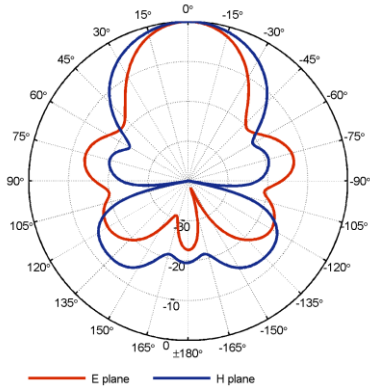
0.6 GHz



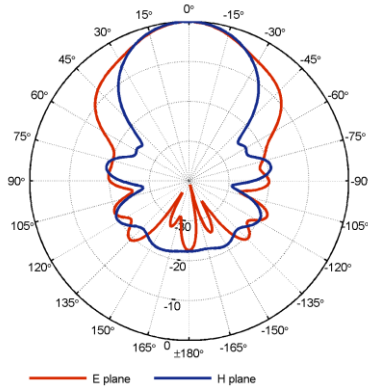
1.0 GHz



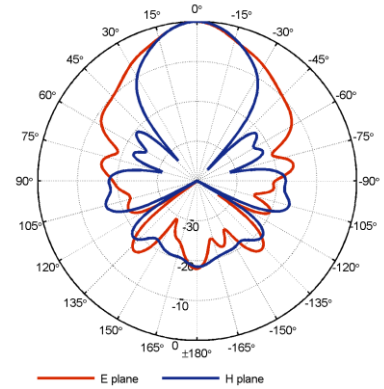
1.4 GHz



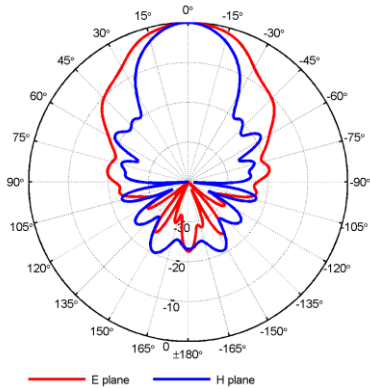
1.8 GHz



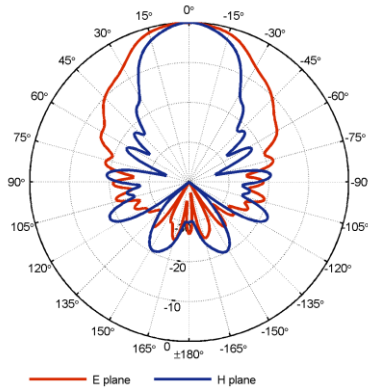
2.4 GHz



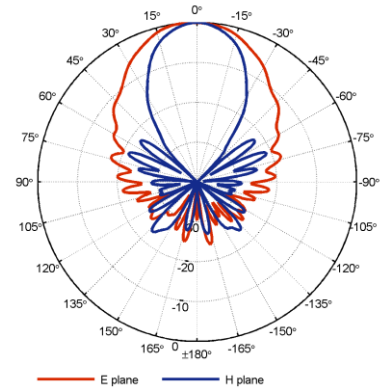
3.0 GHz



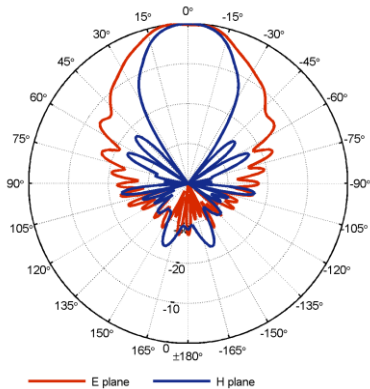
3.6 GHz



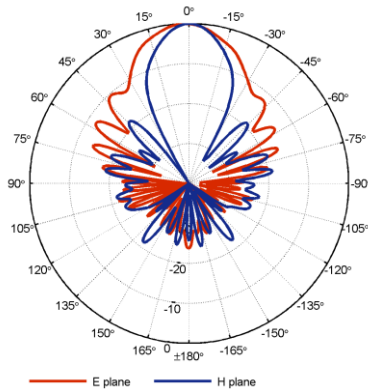
4.2 GHz



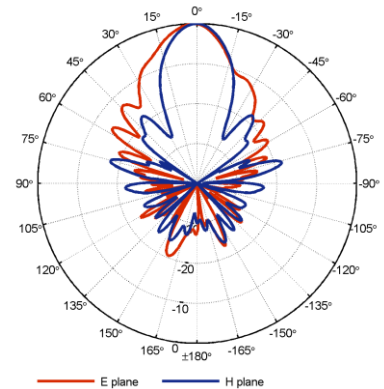
4.8 GHz



5.4 GHz

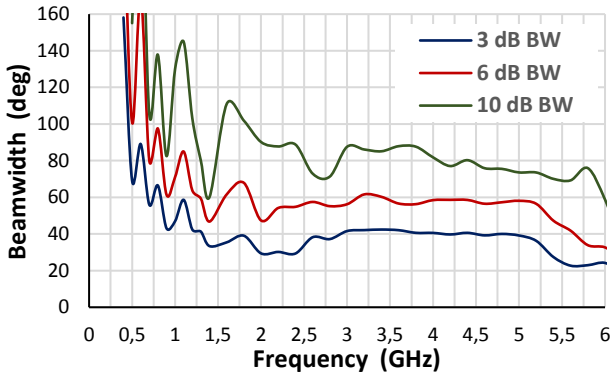


6 GHz

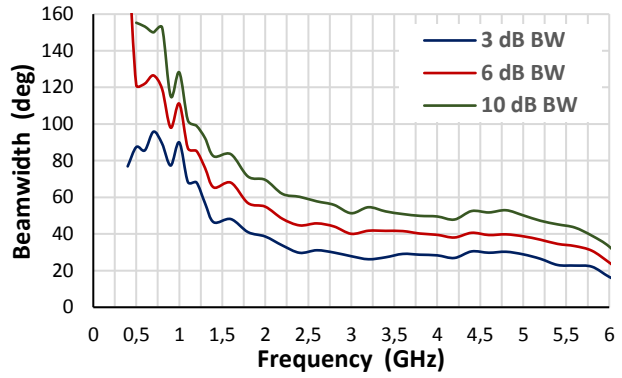


Beamwidth – Port A

E plane

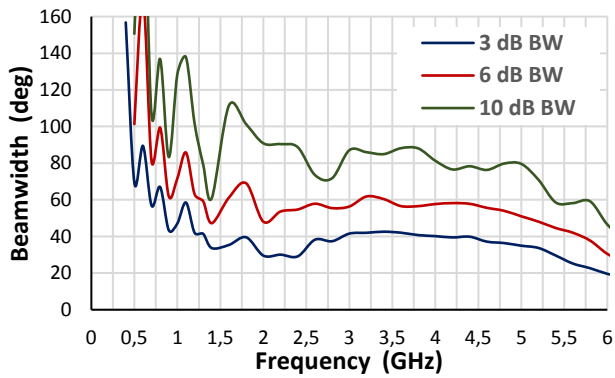


H plane



Beamwidth – Port B

E plane



H plane

