

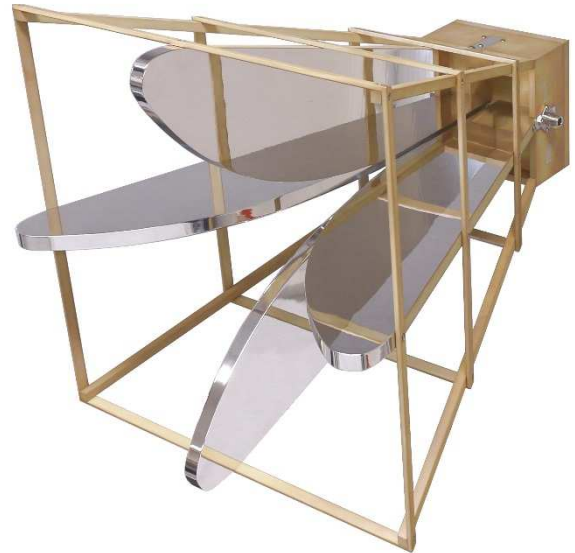
Quad Ridged Horn Antenna – Model QRH300

Electrical Specifications

Frequency Range	0.3 GHz – 4.5 GHz
VSWR (max.)	< 2.2:1
Impedance	50 Ω
Connector	2x Nfemale
Power (CW / Pulse)	200 W / 400 W

Physical Specifications

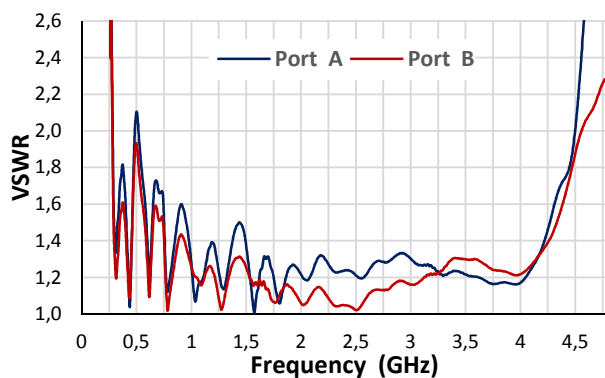
Width	450 mm (17.72 in)
Depth	450 mm (17.72 in)
Height	570 mm (22.44 in)
Weight	9.0 kg (19.85 lb)



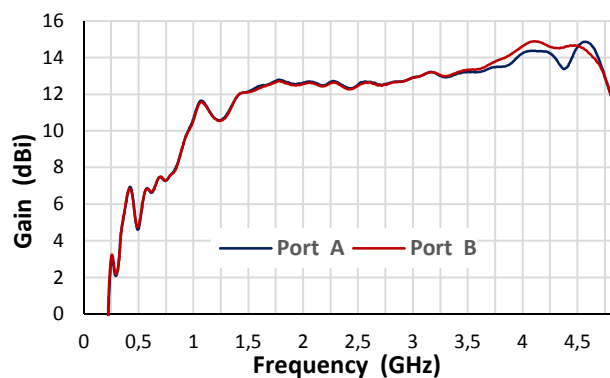
- **Linear or circular polarization (with hybrid)**

Typical Parameters

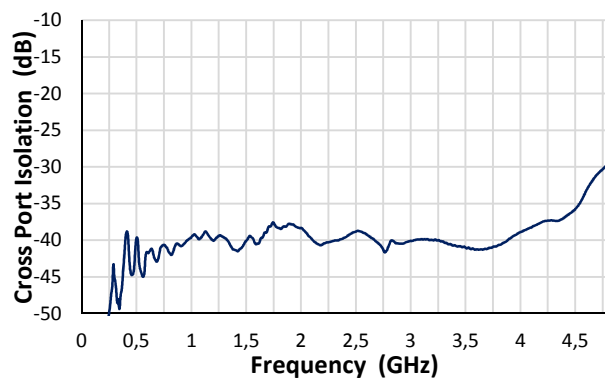
VSWR



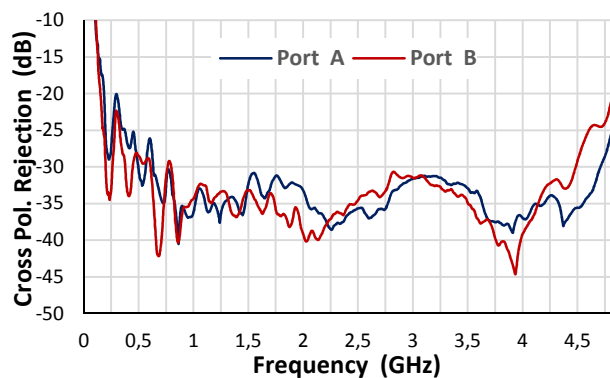
Gain



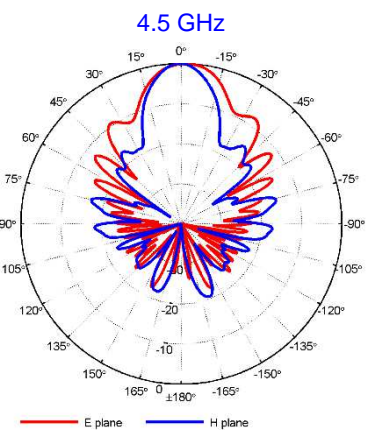
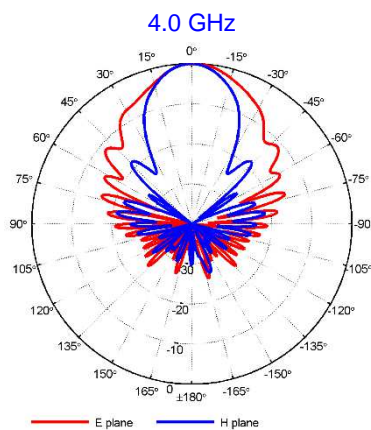
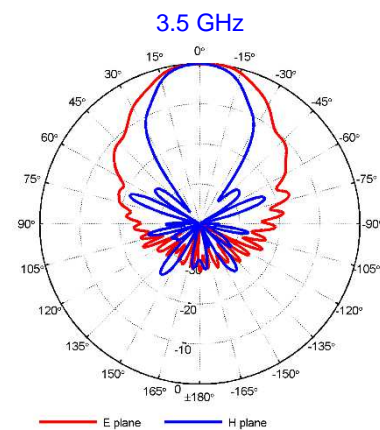
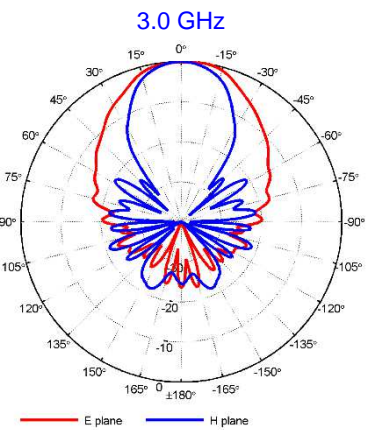
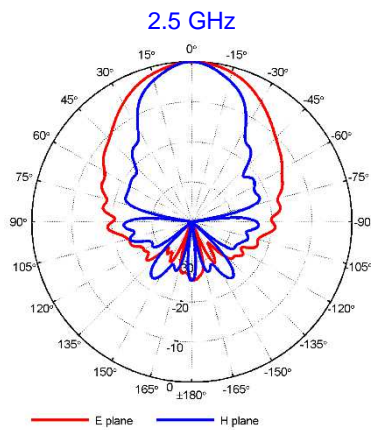
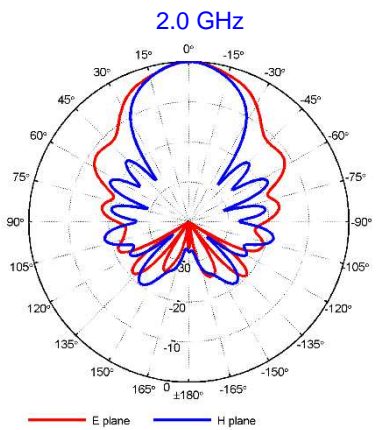
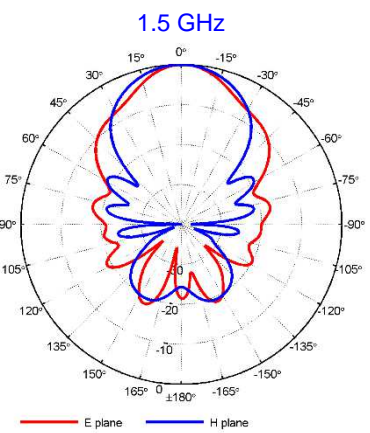
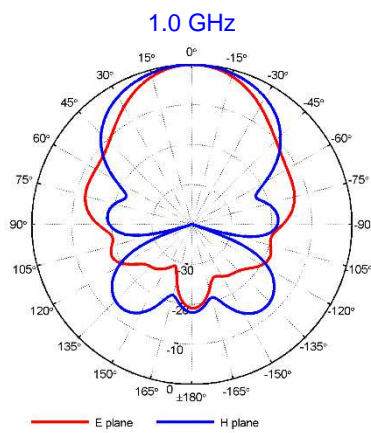
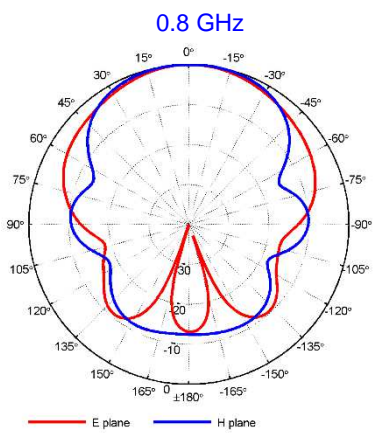
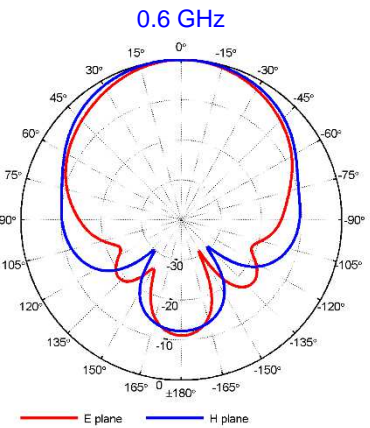
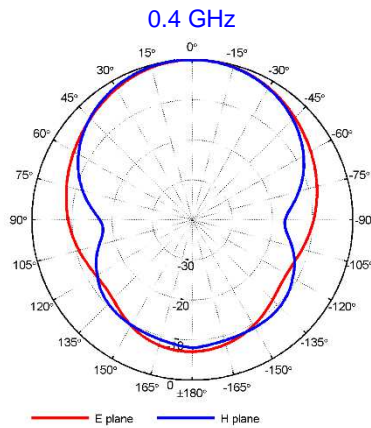
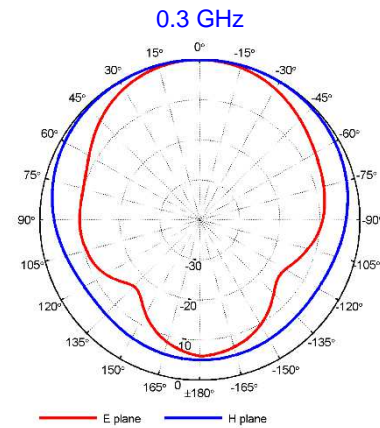
Cross Port Isolation



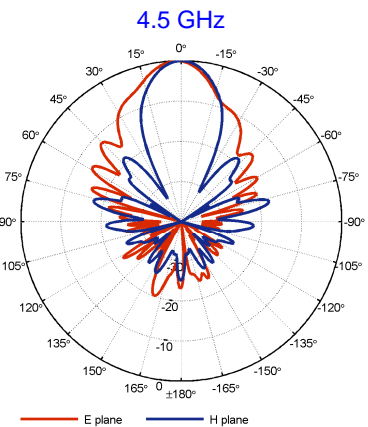
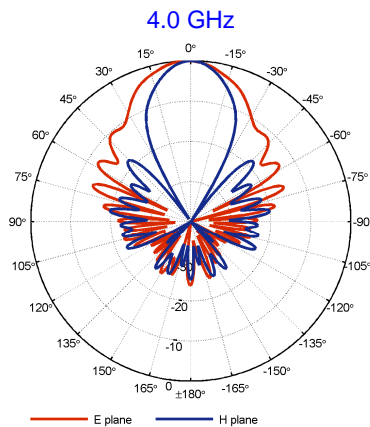
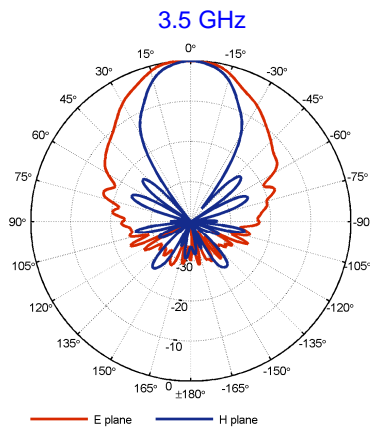
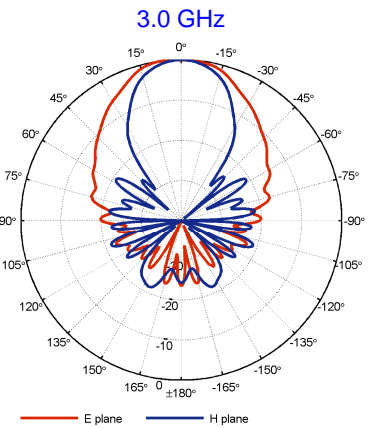
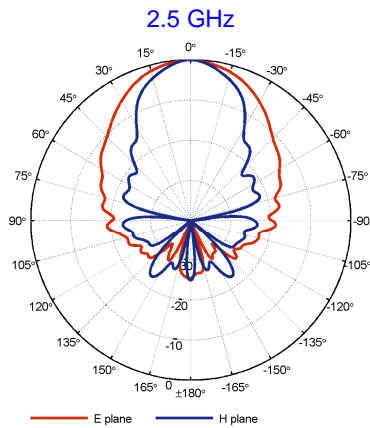
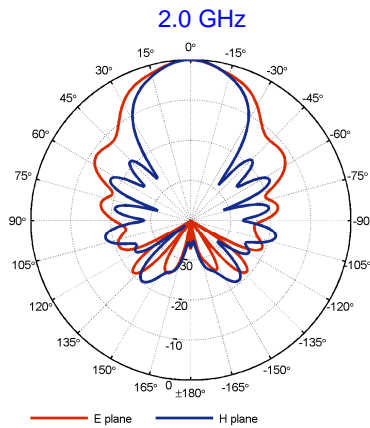
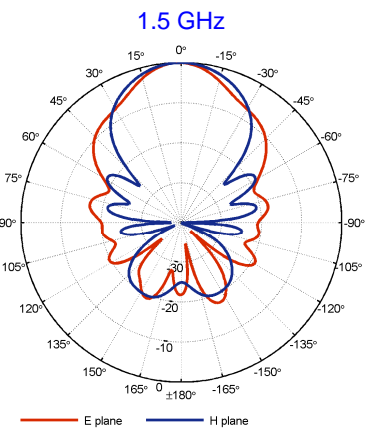
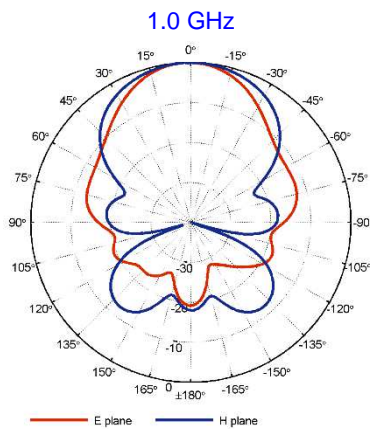
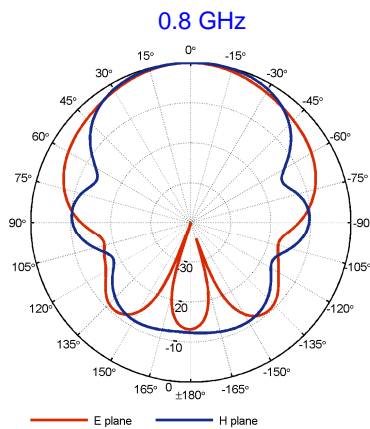
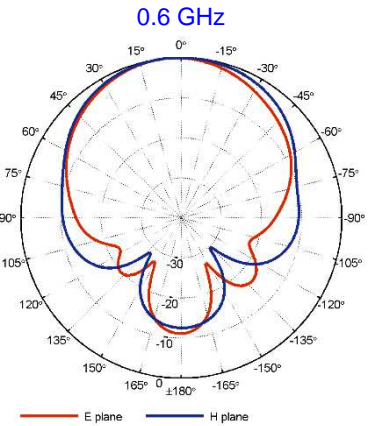
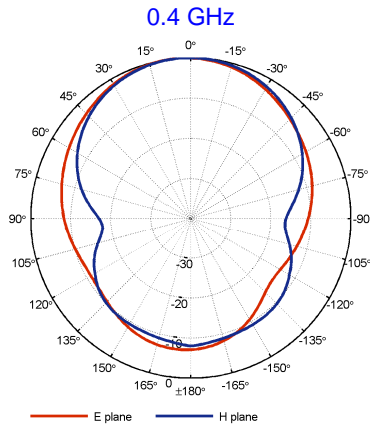
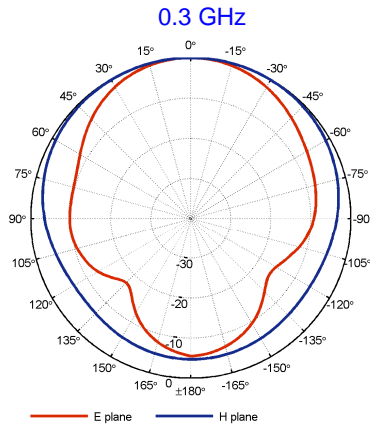
Cross Polarization



PORT A - Radiation Patterns

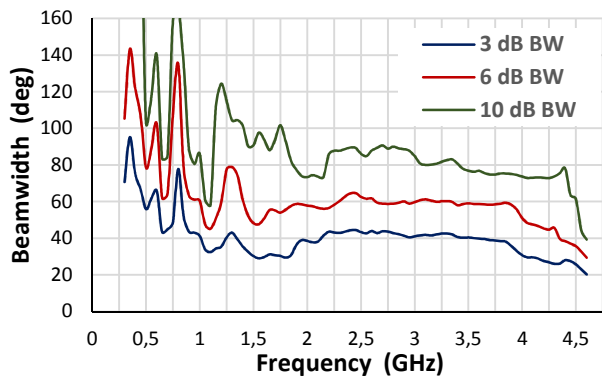


PORT B - Radiation Patterns

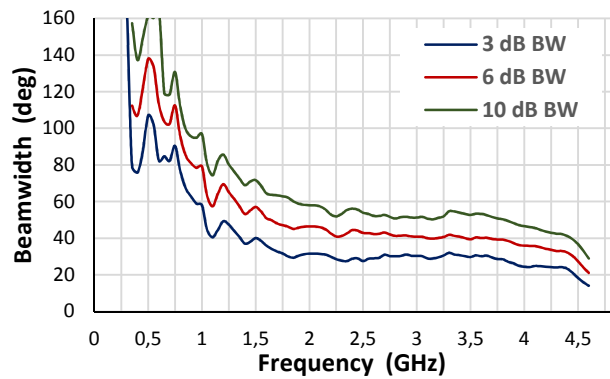


Beamwidth – Port A

E plane

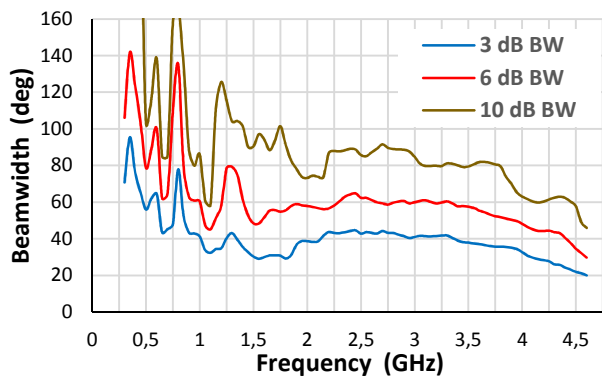


H plane



Beamwidth – Port B

E plane



H plane

