

Double Ridged Horn Antenna – Model DRH18-E

Electrical Specifications

Frequency Range	1 GHz – 18 GHz
VSWR (max.)	< 2.2
Impedance	50 Ω
Connector	N _{female} / SMA _{female}
Power (CW / Pulse)	100 W / 170 W

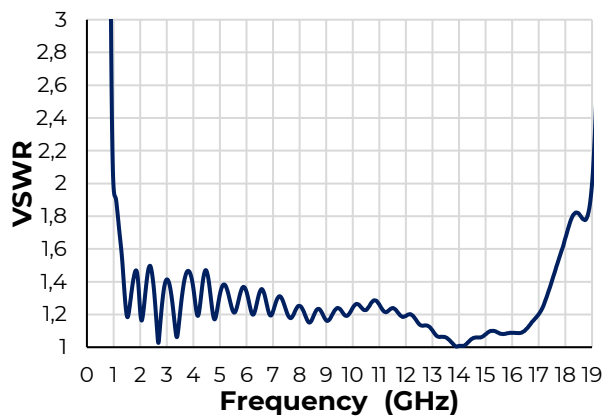
Physical Specifications

Width	243 mm (9.56 in)
Depth	200 mm (7.87 in)
Height	154 mm (6.06 in)
Weight	0.87 kg (1.92 lb)

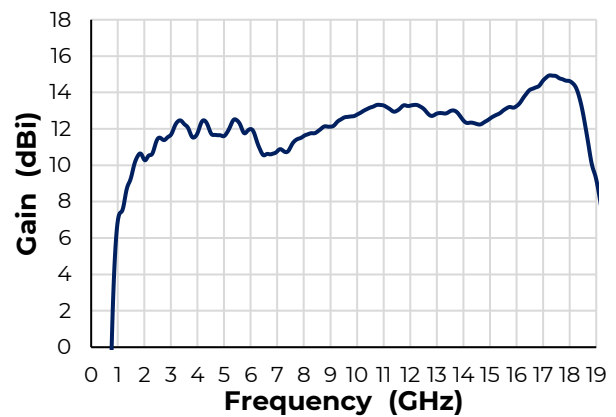


Typical Parameters

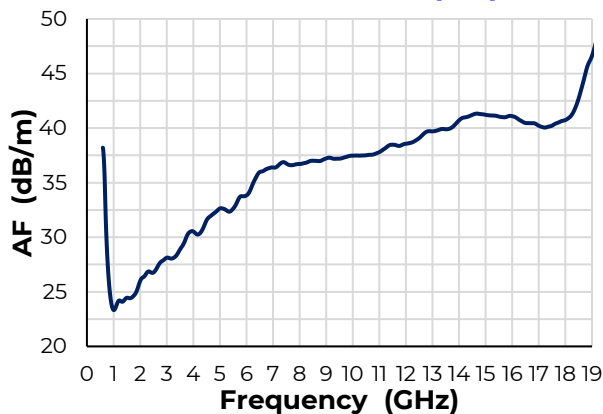
VSWR



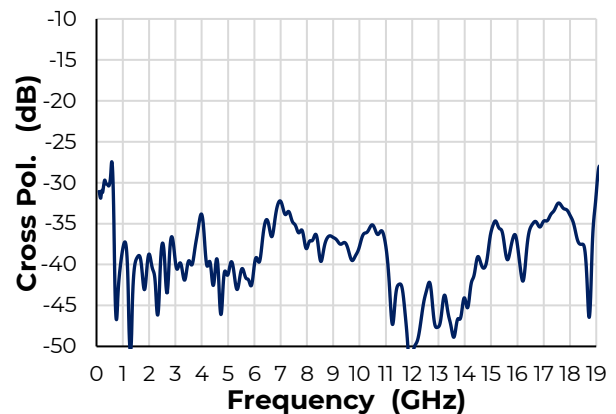
Gain



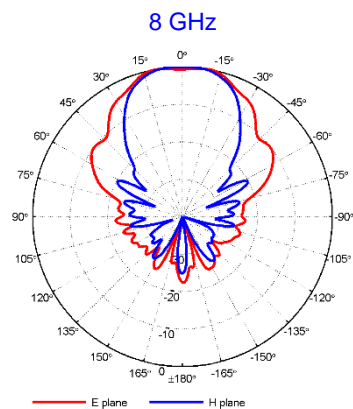
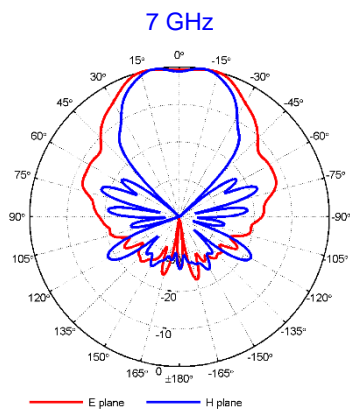
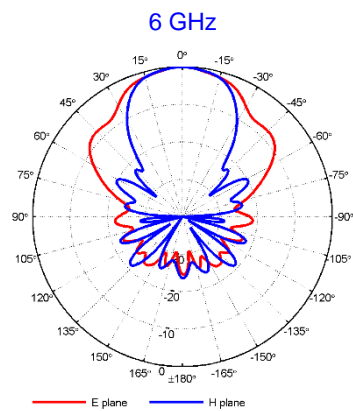
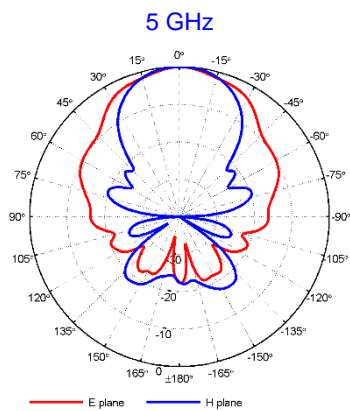
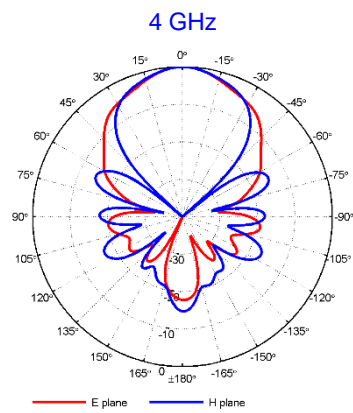
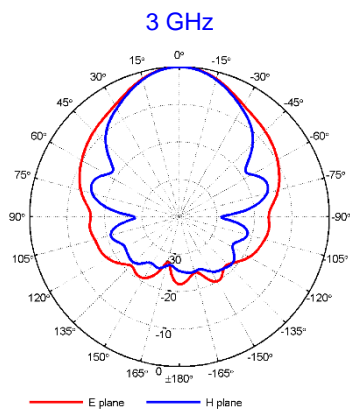
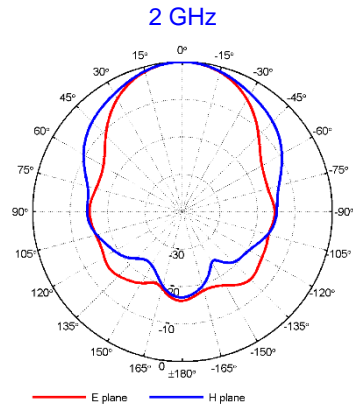
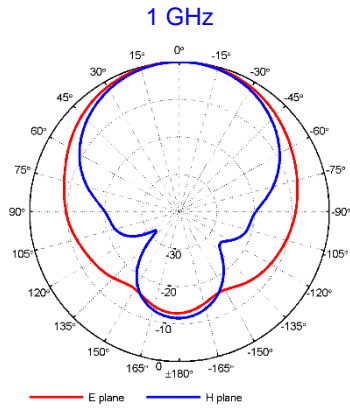
Antenna Factor (3m)



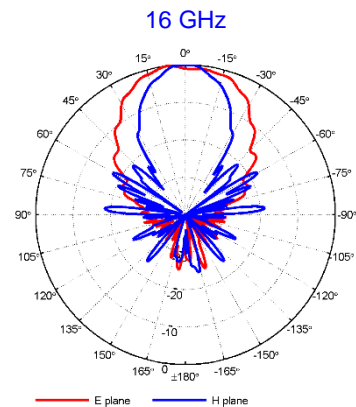
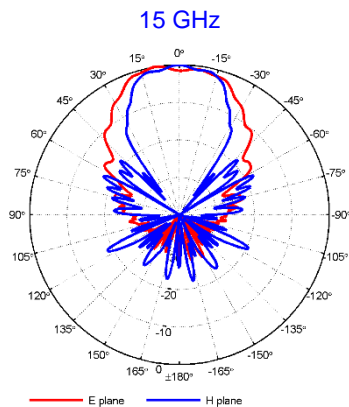
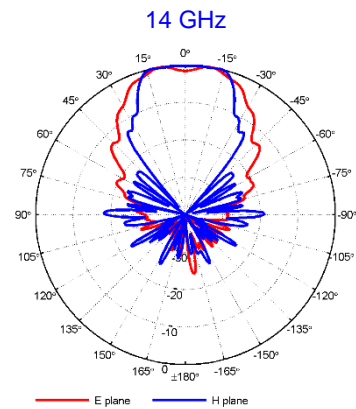
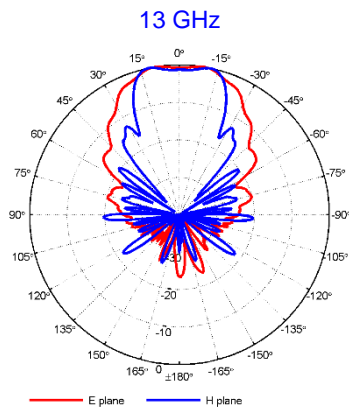
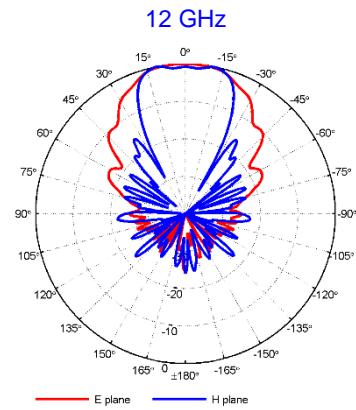
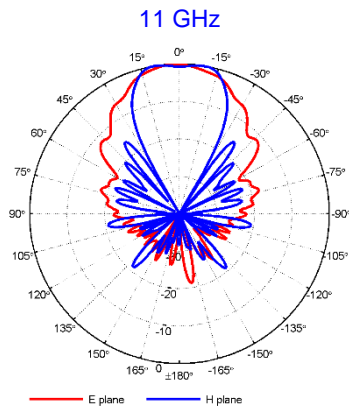
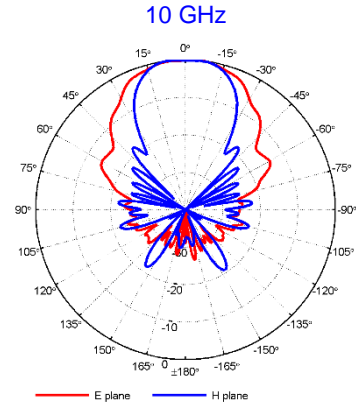
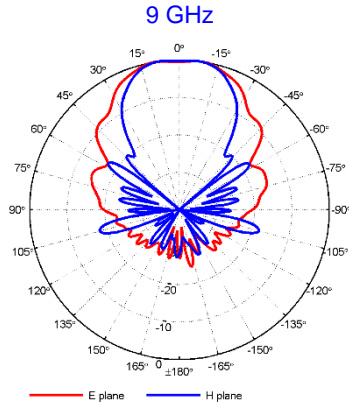
Cross Polarization



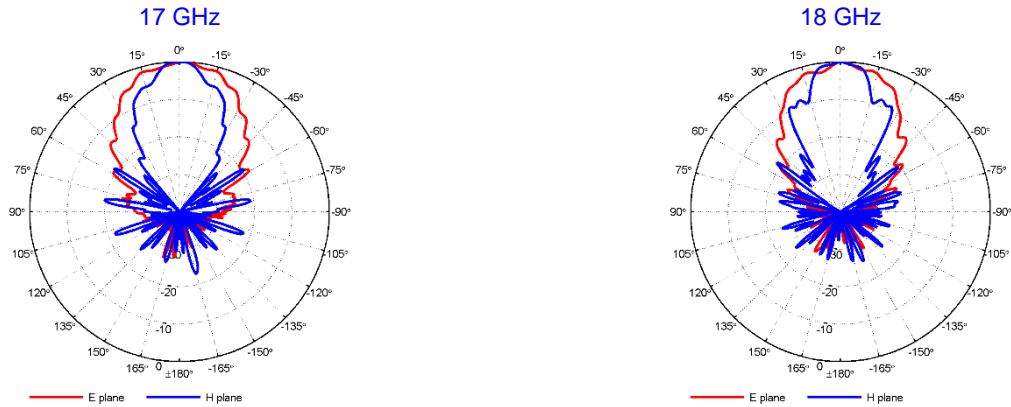
Radiation patterns



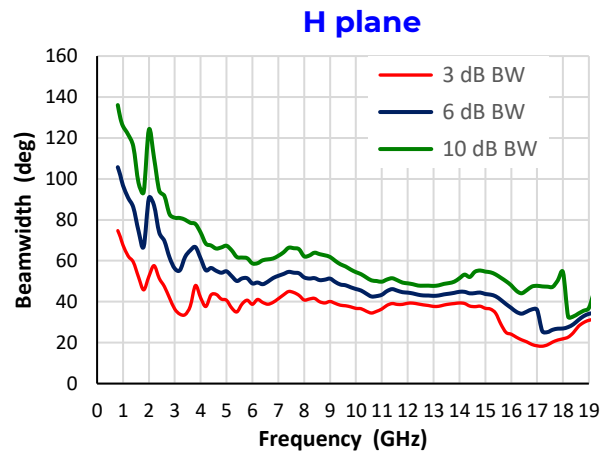
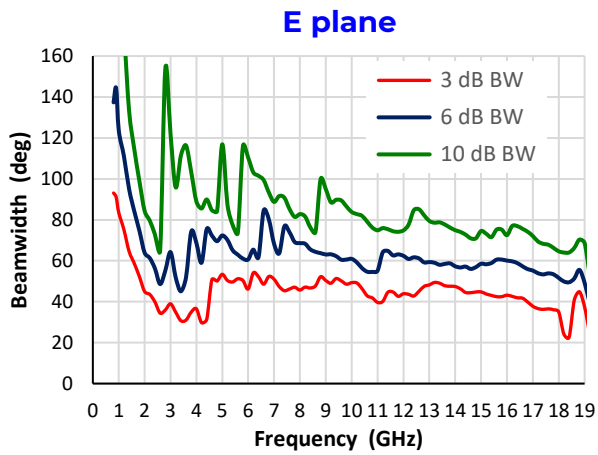
Radiation patterns



Radiation patterns



Beamwidth



Schematic Drawing

