

Quad Ridged Horn Antenna Model QRH11C

Electrical Specifications

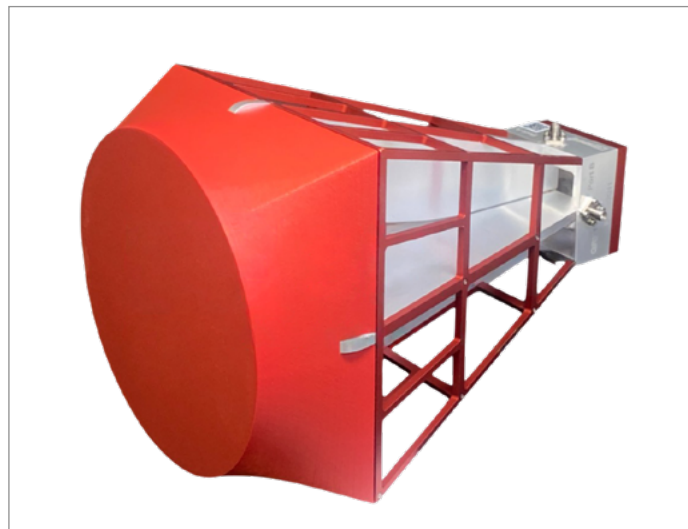
Frequency Range	730 MHz – 11 GHz
VSWR (max.)	2.8
VSWR (avg.)	1.4
Impedance	50 Ω
Connector	SMA (female)
Power (CW/Peak)	100 W / 170 W
Antenna Factor	23 – 38 dB/m
Port Isolation	-32 dB
Polarization	Dual Linear, Circular (with hybrid)

Physical Specifications

Width	180 mm (7.087 in)
Height	281 mm (11.063 in)
Depth	180 mm (7.087 in)

Operating Conditions

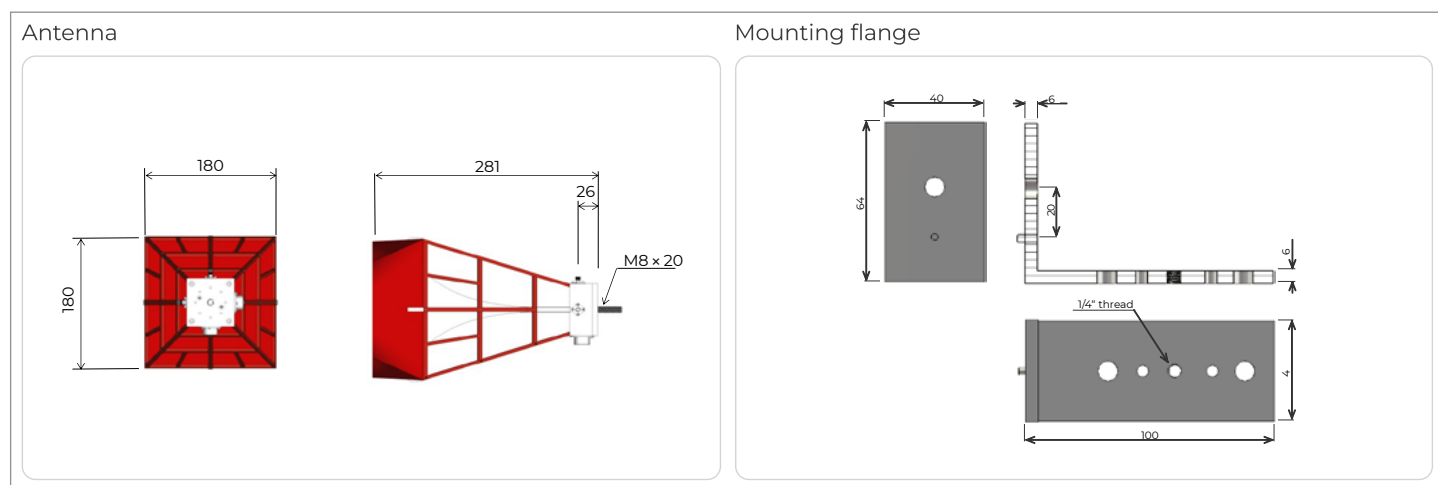
Rated Temperature Range	0 °C – +50 °C
Storage Temperature Range	-20 °C – +70 °C



Mounting Flange

Mounting	Universal antenna mount
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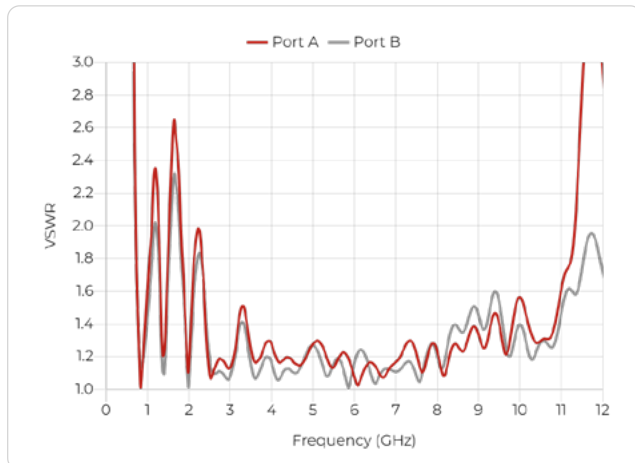
Mechanical Drawings



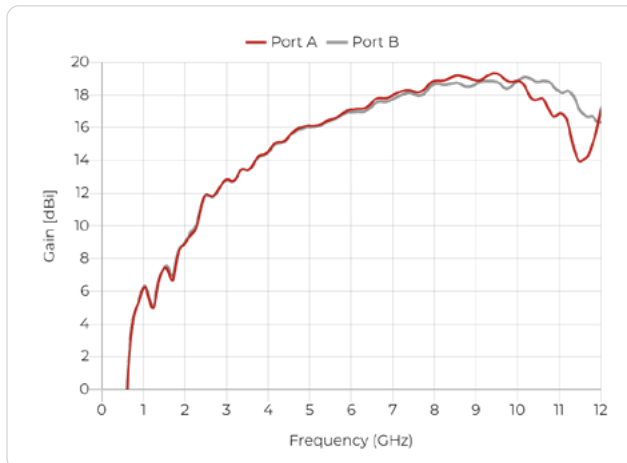
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Typical Parameters

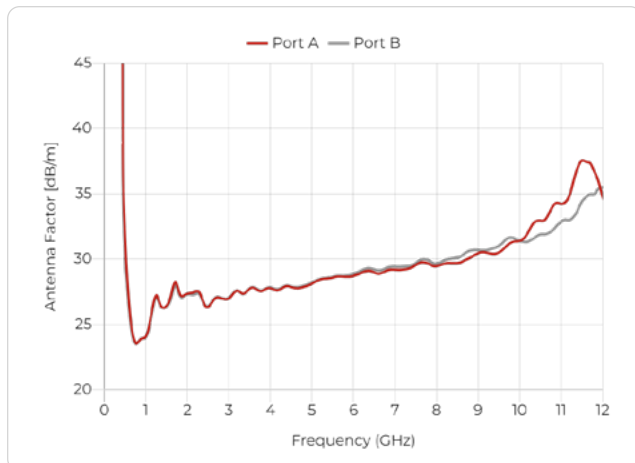
VSWR



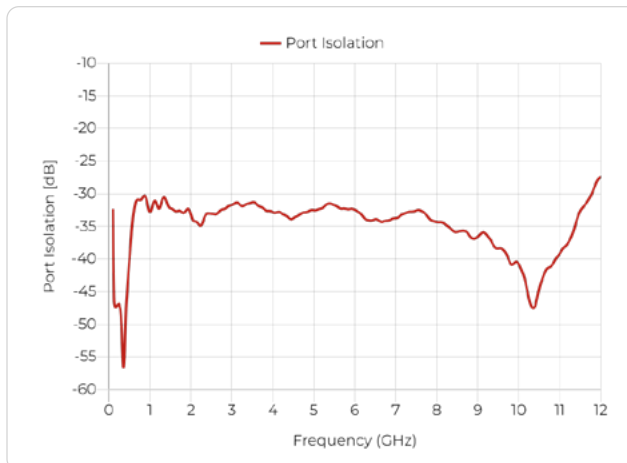
Gain



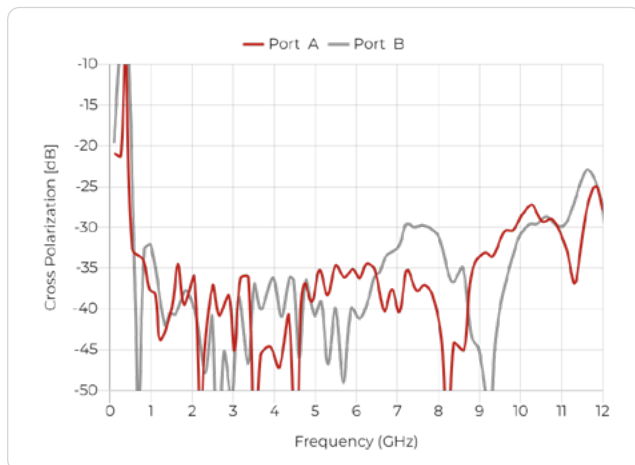
Antenna Factor



Port Isolation



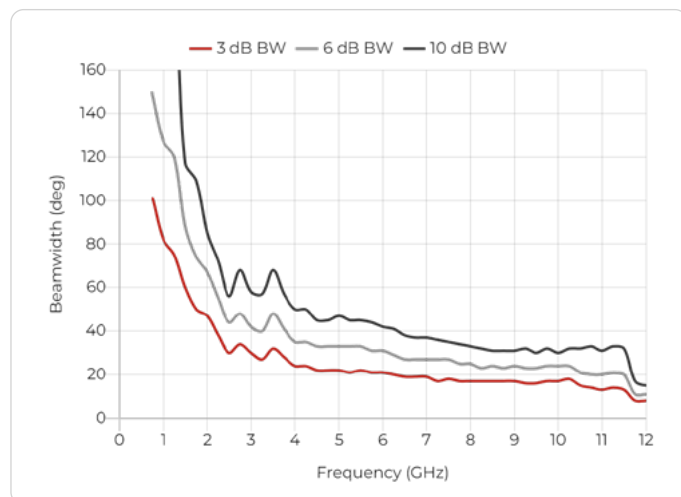
Cross Polarization



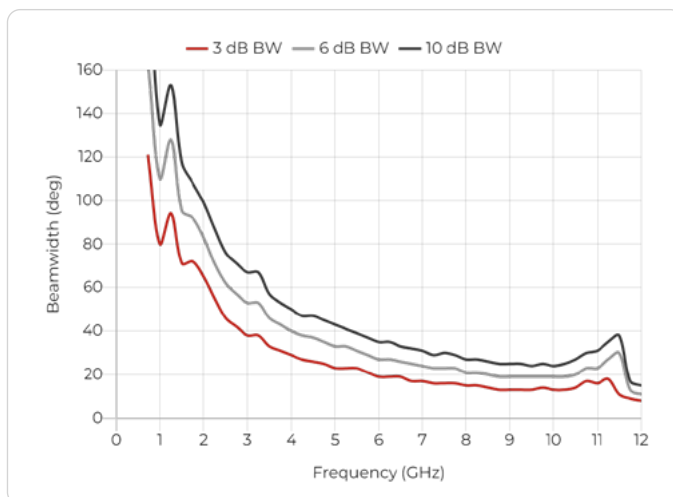
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Beamwidth

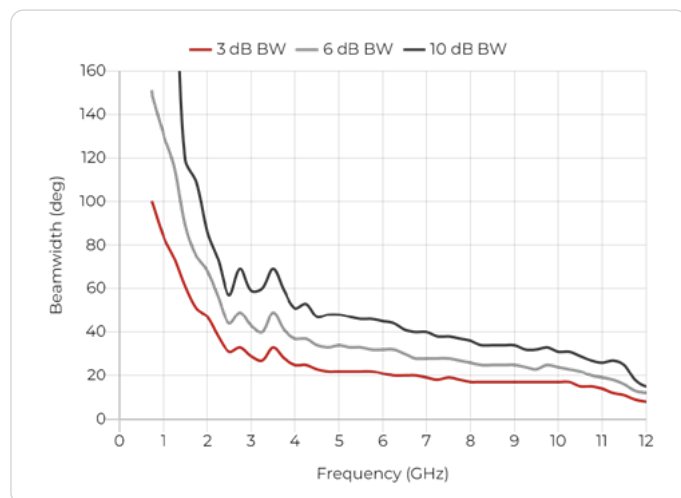
Port A, E plane



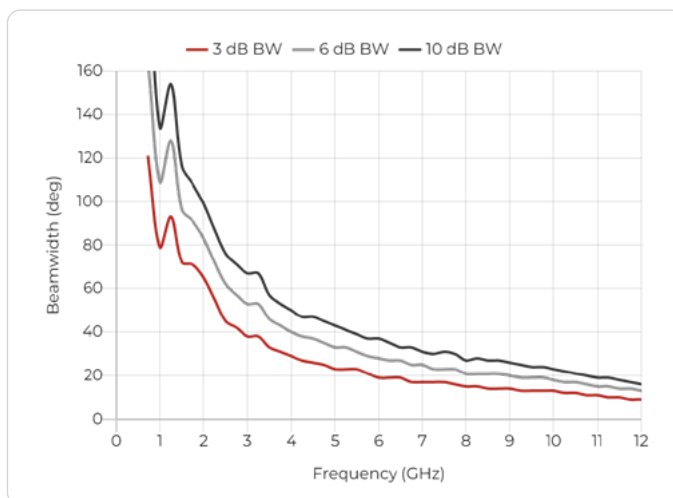
Port A, H plane



Port B, E plane



Port B, H plane



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Radiation Patterns - Port A



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Radiation Patterns - Port B

