

MODEL NUMBER:
QRHA4G-OB

Dual Polarized Quad Ridged Open Boundary Antenna



DESCRIPTION:

The QRHA4G-OB is a dual polarized quad ridged open boundary antenna with a frequency range of 1 GHz- 4 GHz with 8 dBi gain. This open-sided or open-boundary horn provides a better and more stable pattern of behavior for the entire band of operation, as well as good directivity for its compact design. The QRHA4G-OB is a lightweight antenna that is a great option for broadband field monitoring and many other system setups.

FEATURES

- Broadband Operation
- Linear and Circular Polarization
- Good Impedance Match
- High Port Isolation

ELECTRICAL SPECIFICATIONS

Frequency Range:	1 GHz - 4 GHz
Gain:	8 dBi
Impedance:	50 Ω
Connector Type:	SMA, Female
Mounting Base:	Four 0.20" holes for mounting

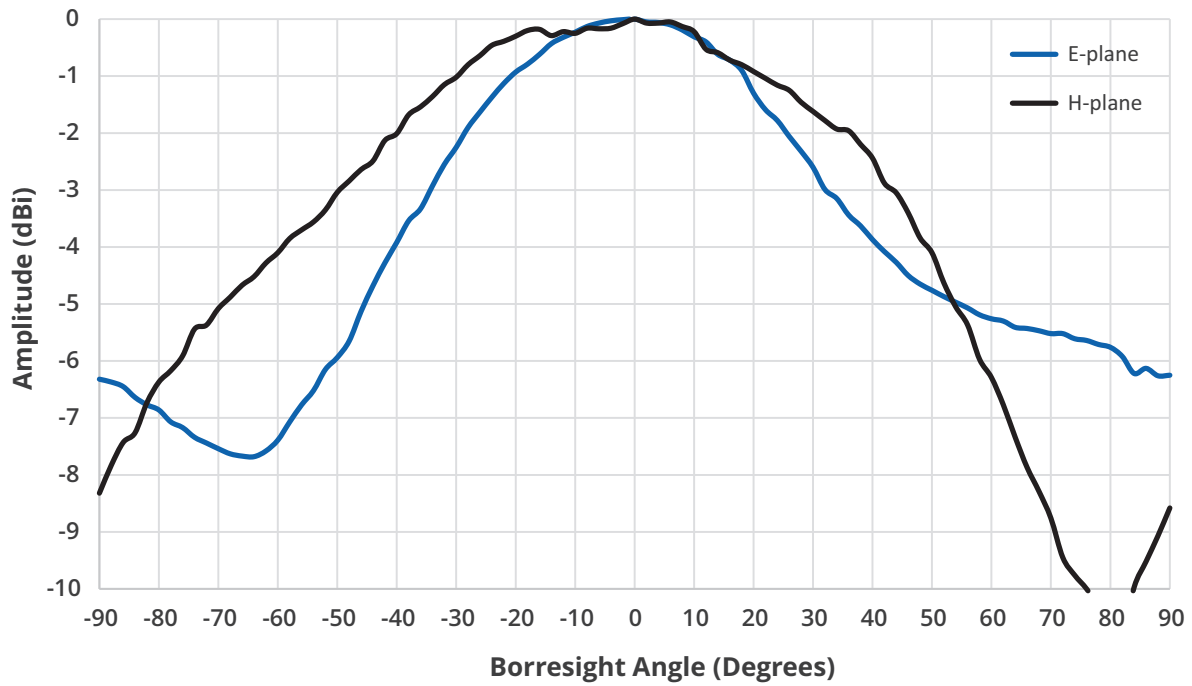
RECOMMENDED ACCESSORIES

- PA18G (Preamplifier)
- RFC-NN-3M (3 meter N/N Cable)
- WT1.5M (Antenna Tripod Unit, Wooden)
- AAM-10 (Antenna Azimuth Head)

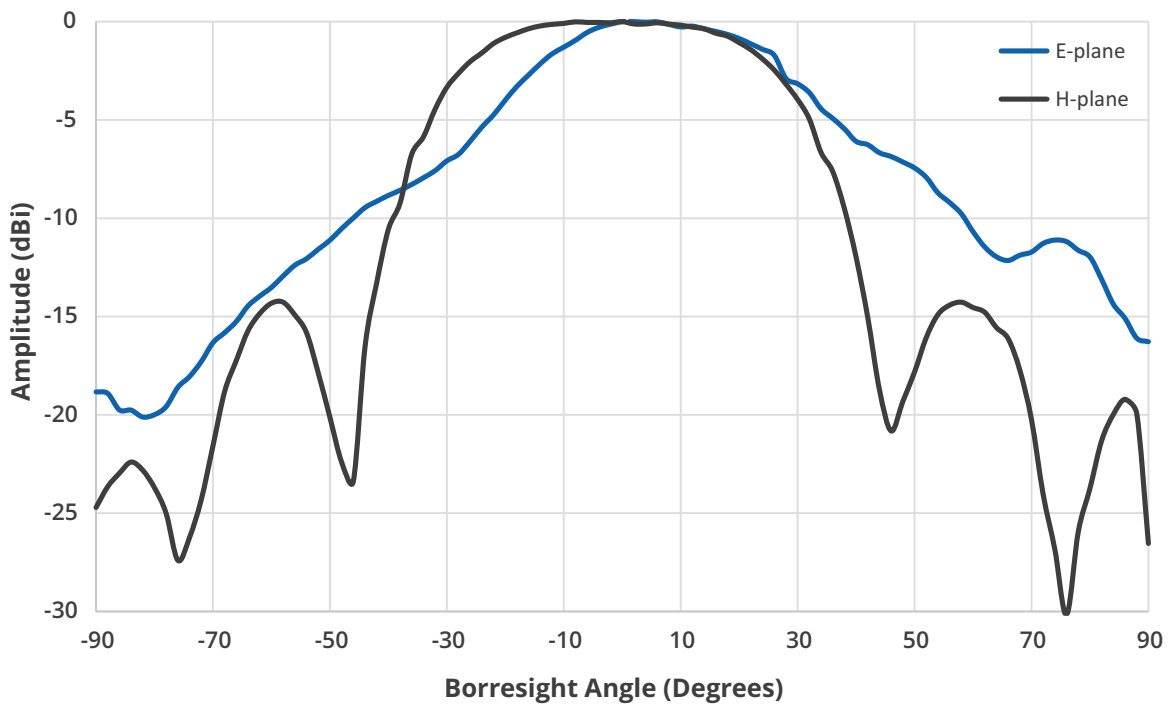
PHYSICAL DIMENSIONS

Height:	8.08 in.
Width:	8.08 in.
Length:	6.57 in.
Weight:	33.88 lb

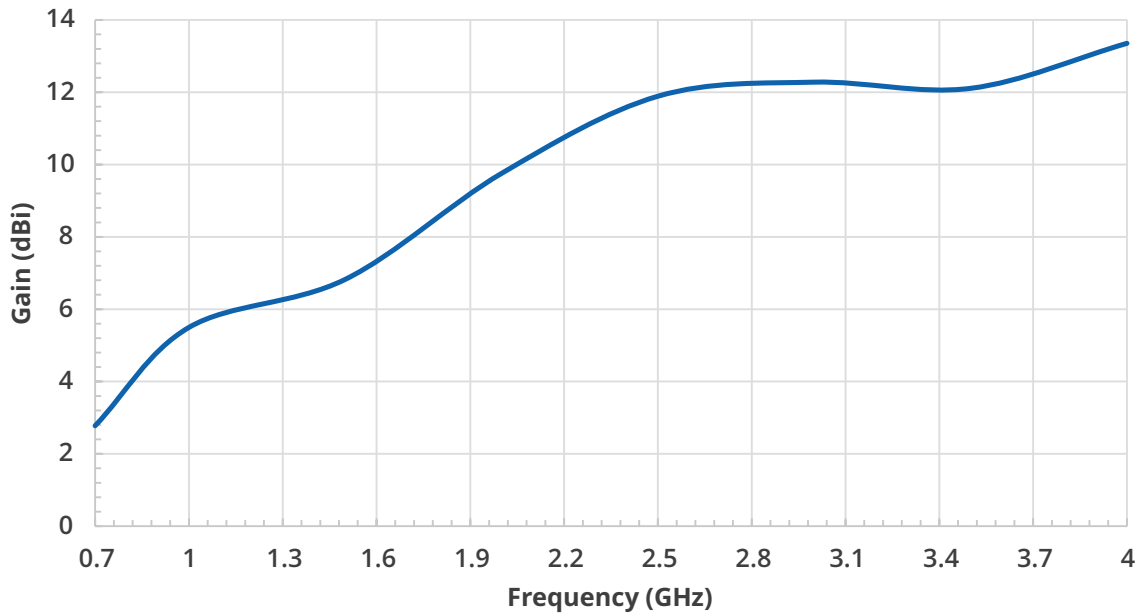
TYPICAL ANTENNA PATTERNS @ 700 MHZ



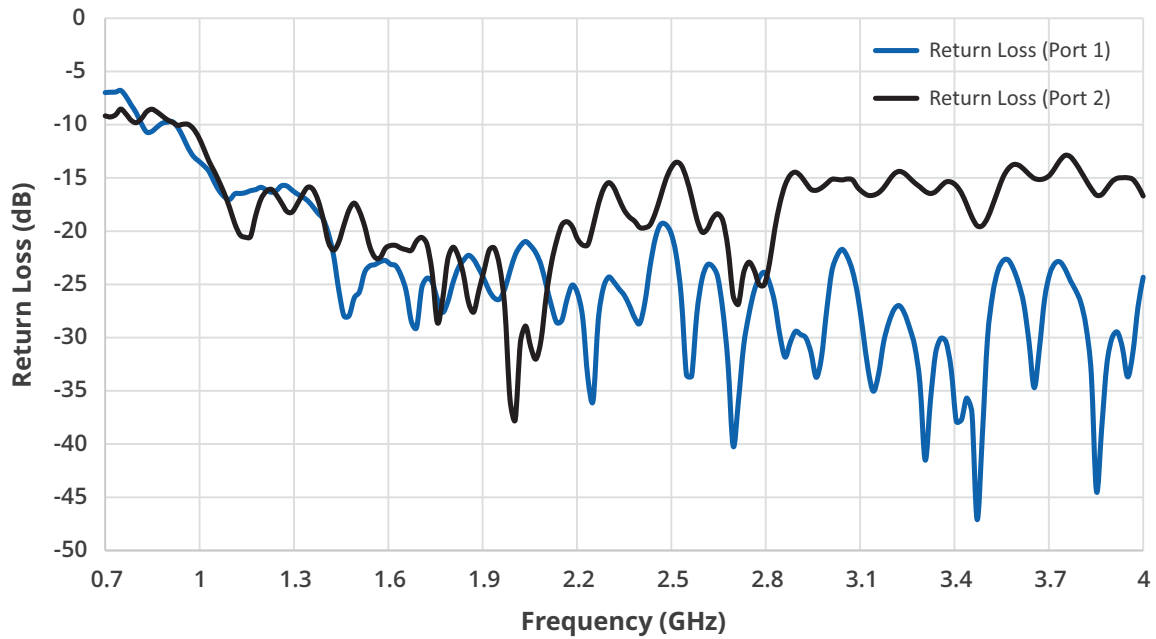
TYPICAL ANTENNA PATTERNS @ 4 GHZ



MEASURED GAIN VS FREQUENCY



MEASURED RETURN LOSS VS FREQUENCY



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