



Description

This broadband antenna has a quasi-monopole pattern. It has a high radiation efficiency and medium gain in the S Band frequency range. Applications include communications, SIGINT, sensors, and airborne platforms.

Specifications

Electrical

| | |
|----------------|--------------------------|
| Frequency Band | 1.6-3.8 GHz |
| VSWR | <2.0:1 @ 1.7 GHz-3.8 GHz |
| Polarization | Linear |
| Power | 10W |

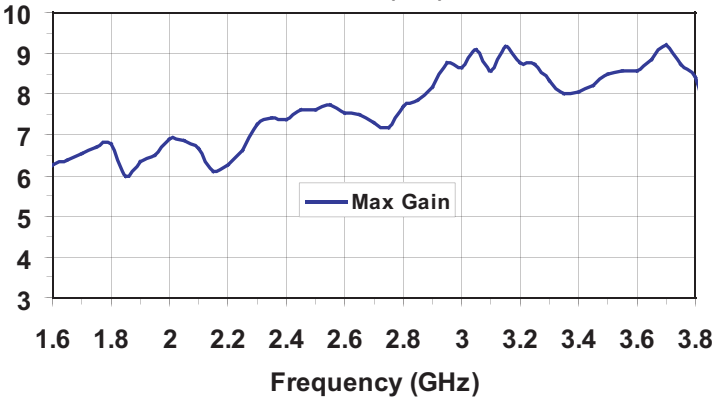
Mechanical

| | |
|------------|-------------------------|
| Weight | 1.6 oz |
| Dimensions | H 2.23"; W 2.2"; L 2.2" |
| Finish | White |
| Connector | TNC Female |

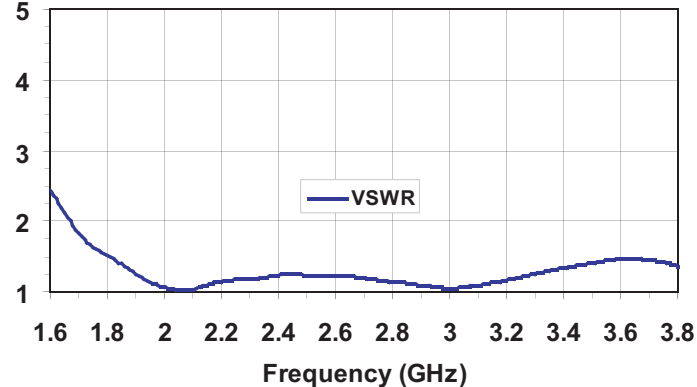
Environmental

| | |
|-------------|-------------------|
| Shock | MILSTD 810F, 20G |
| Vibration | RTCA/DO-160 C |
| Temperature | -35° C to + 85° C |

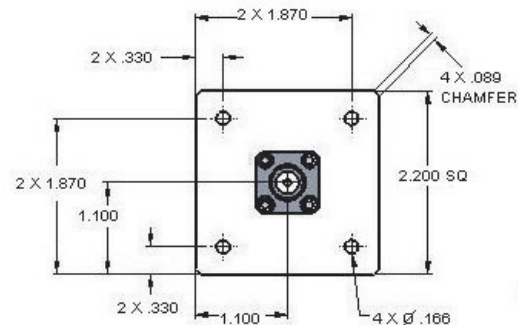
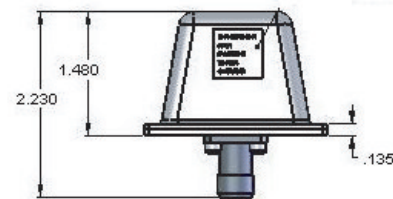
Max Gain (dBi)



VSWR

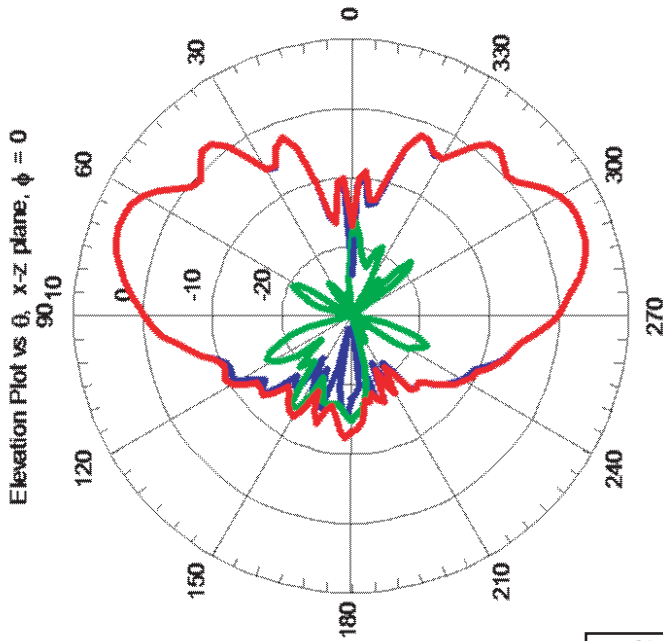


Physical Details

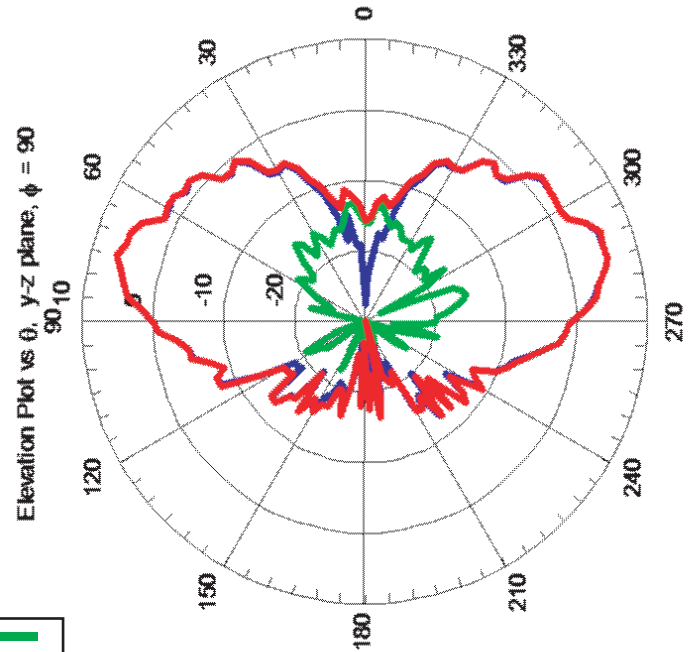


Custom Antenna Design, Manufacturing, and Testing

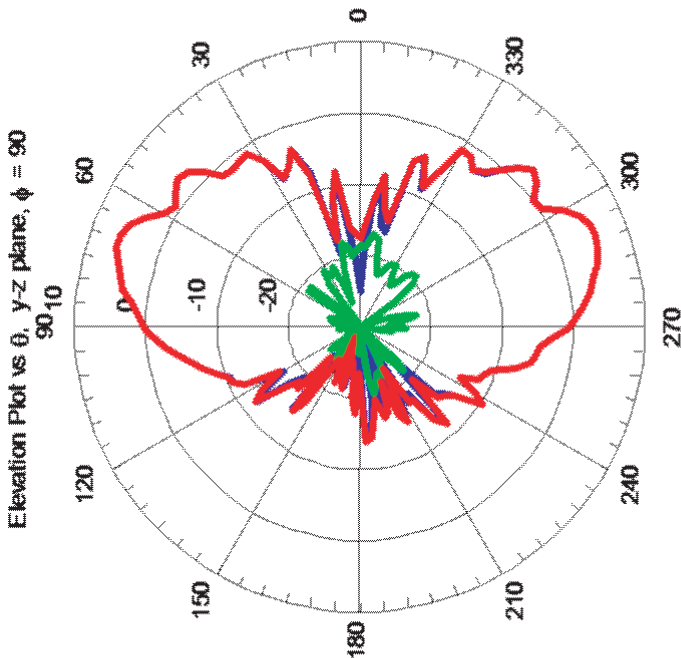
1700 MHz



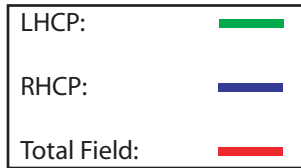
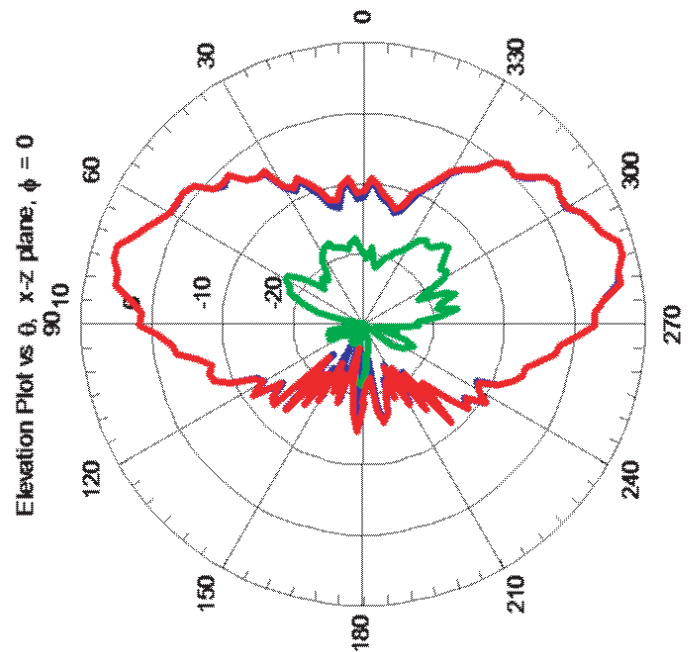
3000 MHz



2500 MHz



3500 MHz



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