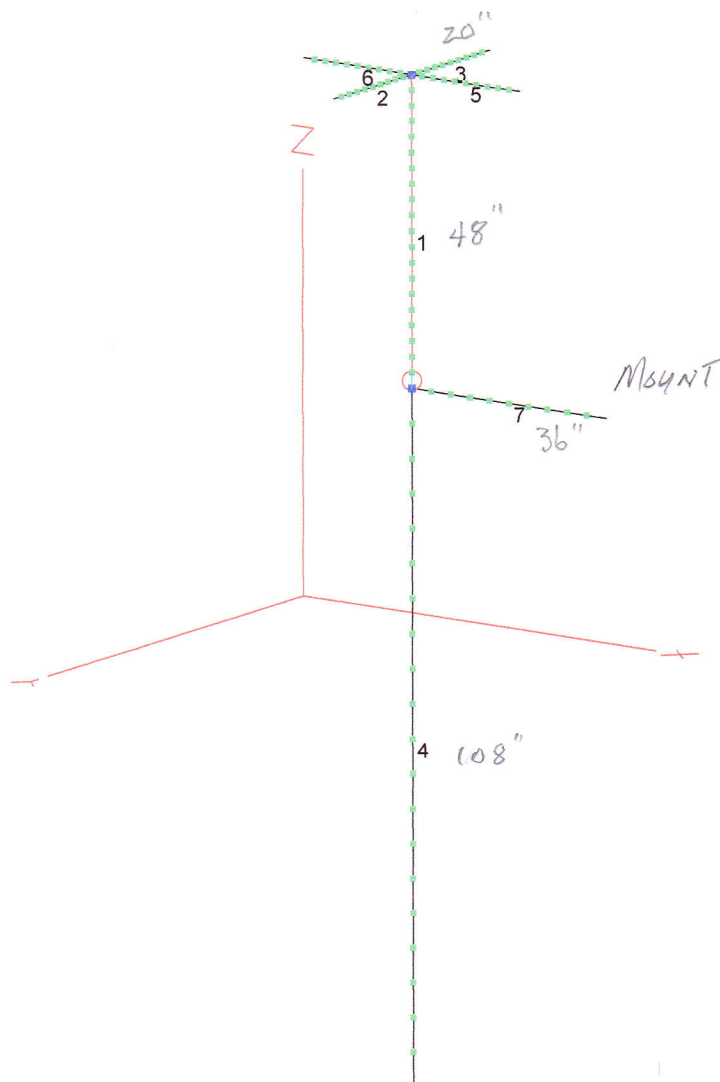


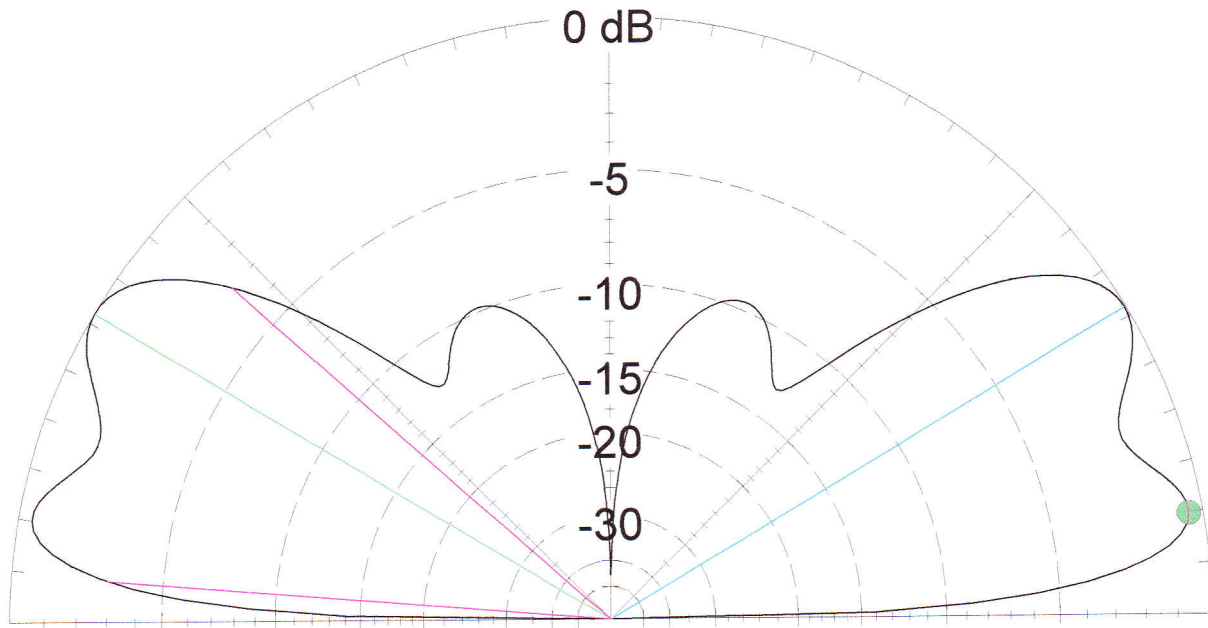
NB's 11/7/11 IDEA



NB's 110711 idea

| | |
|-------------|--------|
| Wire Number | 1 |
| Length | 48 in |
| Seg Length | 2.4 in |
| Diameter | 0.5 in |

AG VERY GOOD = 1.001 = 2.01
 but Needs To BE LONGER



NB's 110711 idea

27.205 MHz

Elevation Plot

Azimuth Angle 0.0 deg.

Outer Ring 2.77 dBi

Cursor Elev 10.0 deg.

Gain 2.37 dBi

-0.4 dBmax

Slice Max Gain 2.77 dBi @ Elev Angle = 149.0 deg.

Beamwidth 36.8 deg.; -3dB @ 138.5, 175.3 deg.

Sidelobe Gain 2.72 dBi @ Elev Angle = 31.0 deg.

Front/Sidelobe 0.05 dB

EZNEC ver. 5.0

NB's 110711 idea
9:56:59 AM

11/7/2011

----- SOURCE DATA -----

Frequency = 27.205 MHz

Source 1 Voltage = 61.35 V at -29.63 deg.
 Current = 1 A at 0.0 deg.
 Impedance = 53.33 - J 30.33 ohms
 Power = 53.33 watts
 SWR (50 ohm system) = 1.791 (75 ohm system) =
1.788