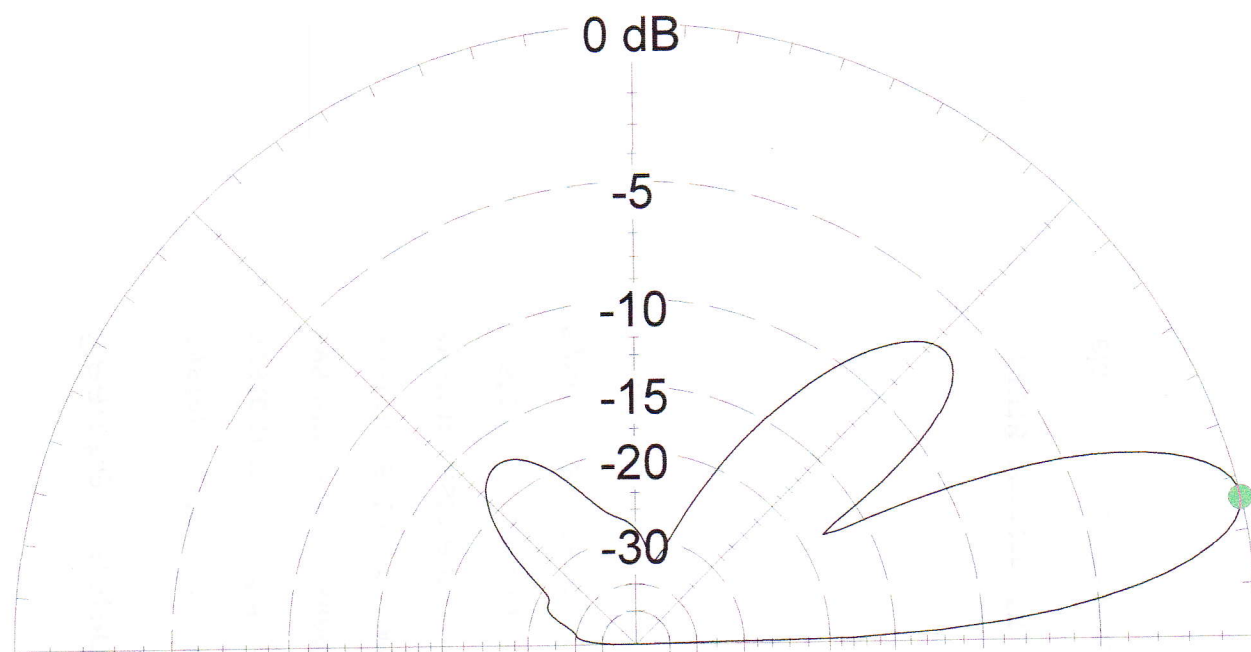


Quad5Evirtual75ohm-wM-wChokeFL

| | |
|-------------|------------|
| Wire Number | 1 |
| Length | 111.35 in |
| Seg Length | 18.5583 in |
| Diameter | #12 |



Quad5Evirtual75ohm-wM-wChokeFL

27.205 MHz

Elevation Plot
Azimuth Angle
Outer Ring

0.0 deg.
14.67 dBi

Cursor Elev
Gain

13.0 deg.
14.67 dBi
0.0 dBmax

Slice Max Gain 14.67 dBi @ Elev Angle = 13.0 deg.
Beamwidth 14.4 deg.; -3dB @ 6.5, 20.9 deg.
Sidelobe Gain 8.18 dBi @ Elev Angle = 43.0 deg.
Front/Sidelobe 6.49 dB

EZNEC ver. 5.0

Quad5Evirtual75ohm-wM-wChokeFL

3/31/2017

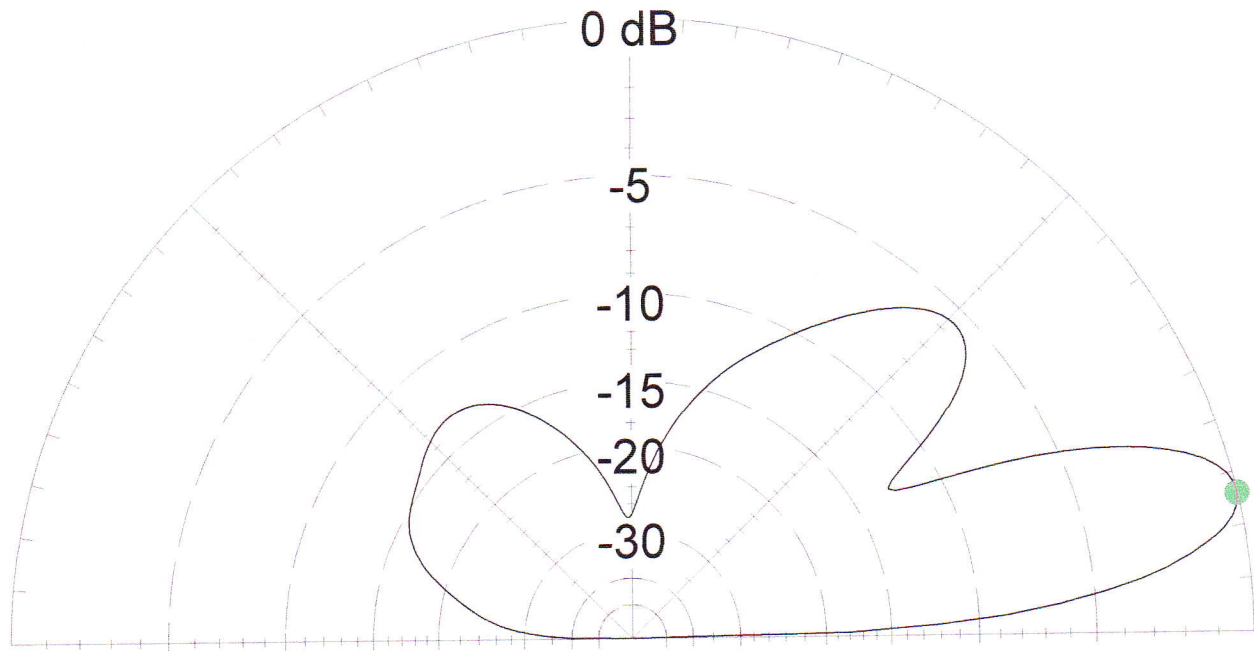
9:05:01 PM

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

Frequency = 27.205 MHz

Source 1 Voltage = 60.58 V at 0.82 deg.
 Current = 1 A at 0.0 deg.
 Impedance = $60.58 + j 0.8683$ ohms
 Power = 60.58 watts
 SWR (50 ohm system) = 1.212 (75 ohm system) = 1.239

| | |
|-------------|------------|
| Wire Number | 1 |
| Length | 111.35 in |
| Seg Length | 18.5583 in |
| Diameter | #12 |



Quad5Evirtual75ohm-wM-wChokeFL

27.205 MHz

| | | | |
|----------------|------------------------------------|-------------|-----------|
| Elevation Plot | | Cursor Elev | 13.0 deg. |
| Azimuth Angle | 0.0 deg. | Gain | 12.59 dBi |
| Outer Ring | 12.59 dBi | | 0.0 dBmax |
| Slice Max Gain | 12.59 dBi @ Elev Angle = 13.0 deg. | | |
| Beamwidth | 14.6 deg.; -3dB @ 6.4, 21.0 deg. | | |
| Sidelobe Gain | 7.04 dBi @ Elev Angle = 44.0 deg. | | |
| Front/Sidelobe | 5.55 dB | | |