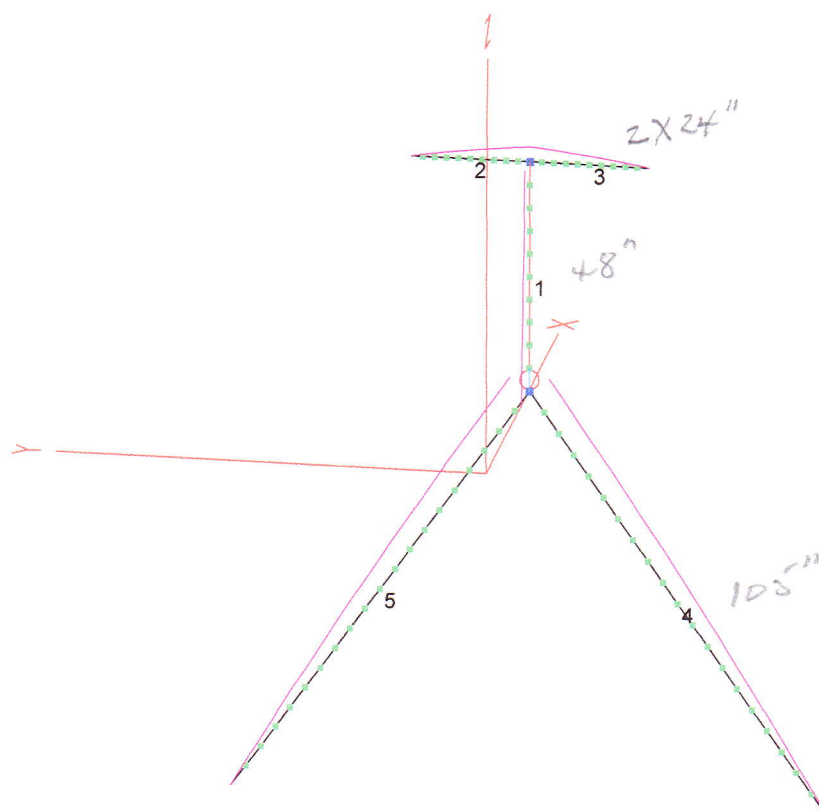


NB's 12A FOR A  
4' RADIATOR WITH  
2 OR 4 X 2' TOP HAT  
RADIALS

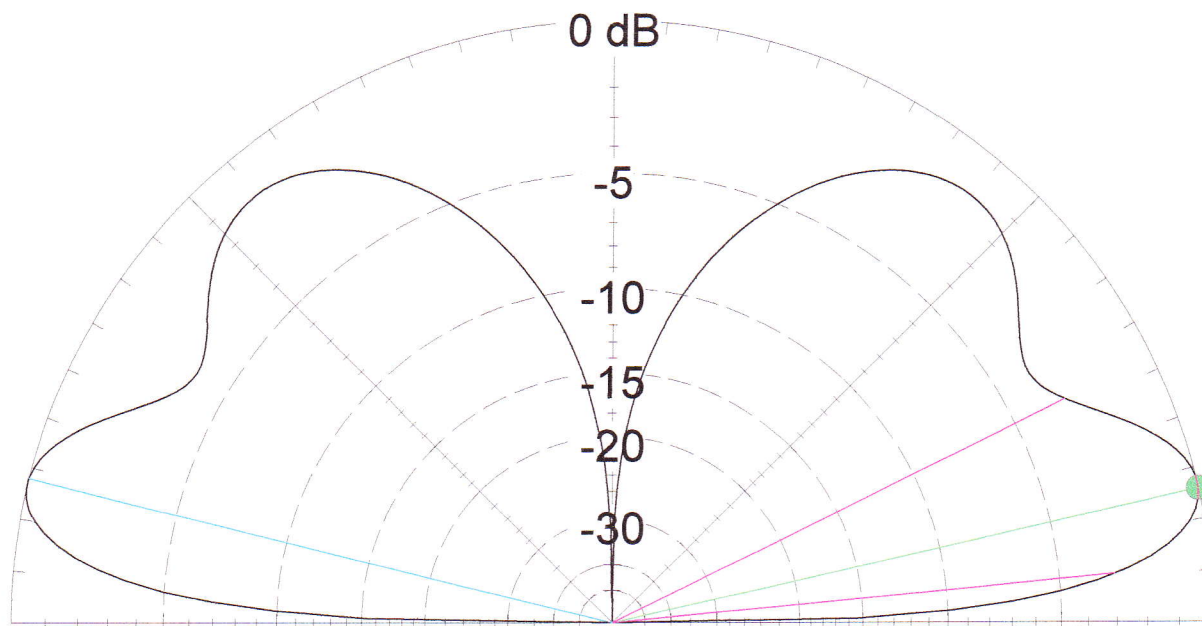


NB's 2 TH 2' 4' R at 36' 20'

NOT RESONANT

Wire Number	1
Length	48 in
Seg Length	4.8 in
Diameter	0.5 in





NB's 2 TH 2' 4' R at 36'

27.205 MHz

Elevation Plot  
Azimuth Angle 0.0 deg.  
Outer Ring 1.64 dBi

Cursor Elev 13.0 deg.  
Gain 1.64 dBi  
0.0 dBmax

Slice Max Gain 1.64 dBi @ Elev Angle = 13.0 deg.  
Beamwidth 20.8 deg.; -3dB @ 5.6, 26.4 deg.  
Sidelobe Gain 1.64 dBi @ Elev Angle = 166.0 deg.  
Front/Sidelobe 0.0 dB



EZNEC ver. 5.0

NB's 2 TH 2' 4' R at 36' 20'  
2:29:30 PM

11/6/2011

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

Frequency = 27.205 MHz

Source 1 Voltage = 88.03 V at -67.7 deg.

Current = 1 A at 0.0 deg.

Impedance = 33.4 - J 81.45 ohms

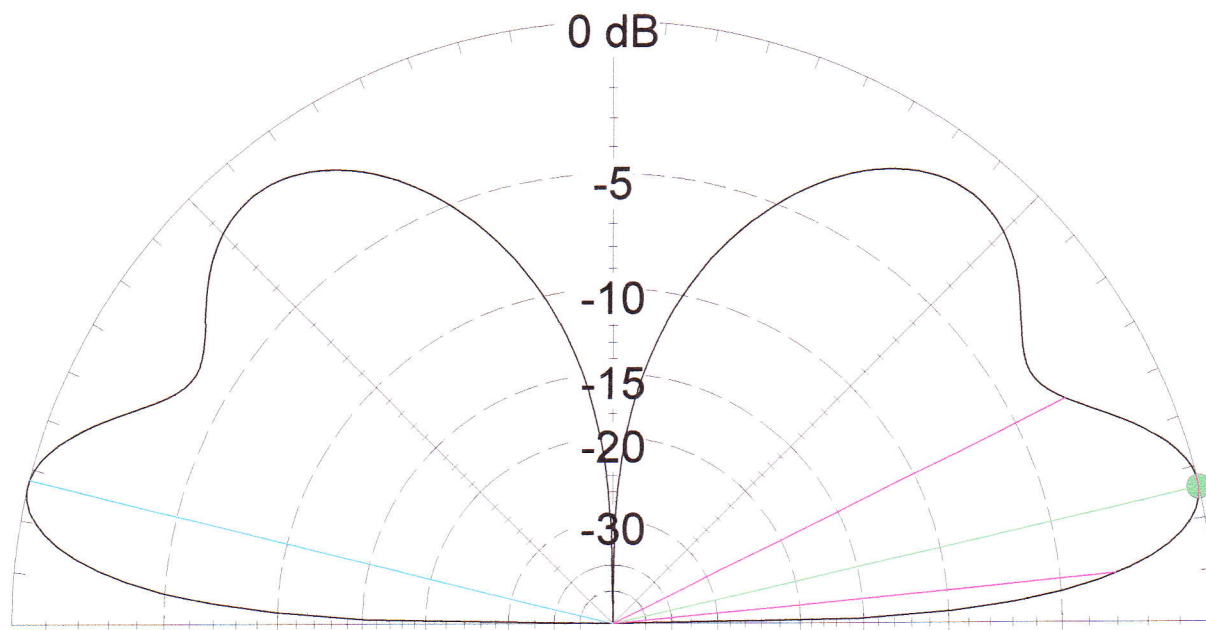
Power = 33.4 watts

SWR (50 ohm system) = 5.969 (75 ohm system) =

5.144

NOT RESONANT





NB's 4 TH 2' 4' R at 36' 20'

27.205 MHz

Elevation Plot  
Azimuth Angle 0.0 deg.  
Outer Ring 1.62 dBi

Cursor Elev 13.0 deg.  
Gain 1.62 dBi  
0.0 dBmax

Slice Max Gain 1.62 dBi @ Elev Angle = 13.0 deg.  
Beamwidth 20.8 deg.; -3dB @ 5.6, 26.4 deg.  
Sidelobe Gain 1.62 dBi @ Elev Angle = 166.0 deg.  
Front/Sidelobe 0.0 dB



EZNEC ver. 5.0

NB's 4 TH 2' 4' R at ~~30'~~ 20'  
2:24:43 PM

11/6/2011

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

Frequency = 27.205 MHz

Source 1      Voltage = 37.57 V at -1.21 deg.  
                 Current = 1 A at 0.0 deg.  
                 Impedance = 37.57 - J 0.7916 ohms  
                 Power = 37.57 watts  
                 SWR (50 ohm system) = 1.332    (75 ohm system) =  
1.997

*RESONANT  
MATCH*