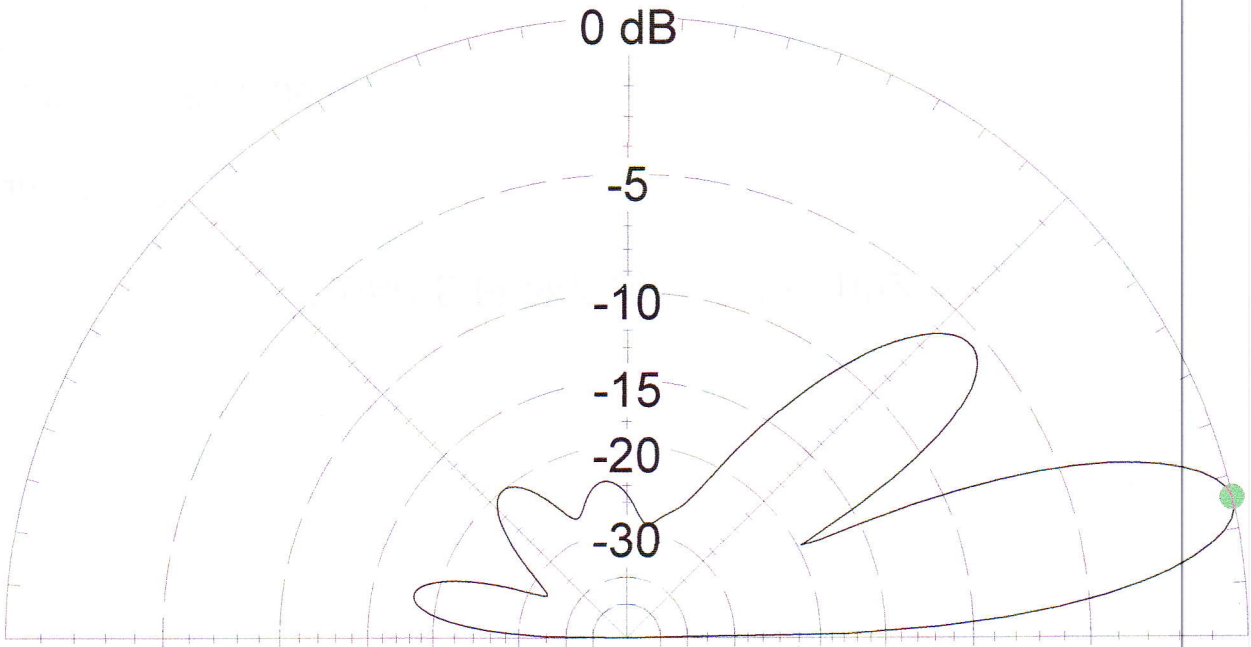


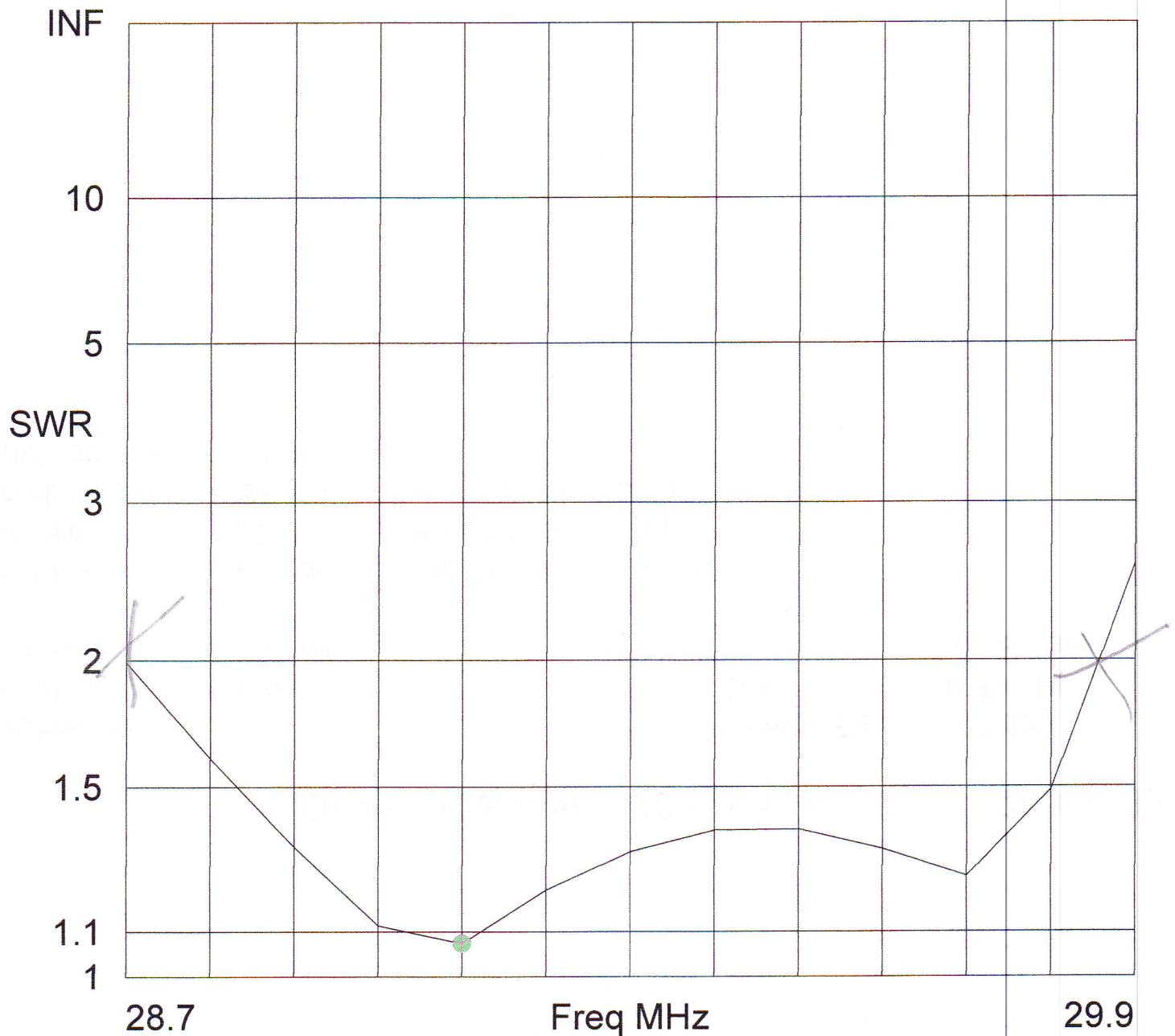
Wire Number 1
Length 104.25 in
Seg Length 17.375 in
Diameter #12



Quad 5 H w-match 29.1 mhz 36'

29.1 MHz

Elevation Plot		Cursor Elev	13.0 deg.
Azimuth Angle	0.0 deg.	Gain	15.46 dBi
Outer Ring	15.46 dBi		0.0 dBmax
Slice Max Gain	15.46 dBi @ Elev Angle = 13.0 deg.		
Beamwidth	13.4 deg.; -3dB @ 6.2, 19.6 deg.		
Sidelobe Gain	9.97 dBi @ Elev Angle = 40.0 deg.		
Front/Sidelobe	5.49 dB		



Quad 5 H w-match 29.1 mhz 36'

BW

$$\frac{29.85 - 28.7}{1.15}$$

Freq 29.1 MHz
SWR 1.073
 Z 53.67 at 0.07 deg.
 = 53.67 + j 0.0662 ohms
 Refl Coeff 0.03541 at 1.0 deg.
 = 0.03541 + j 0.000616
 Ret Loss 29.0 dB

Source # 1
 Z0 50 ohms

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

Frequency = 29.1 MHz

Source 1 Voltage = 53.67 V at 0.07 deg.
 Current = 1 A at 0.0 deg.
 Impedance = 53.67 + J 0.0662 ohms *
 Power = 53.67 watts
 SWR (50 ohm system) = 1.073 (75 ohm system) = 1.397