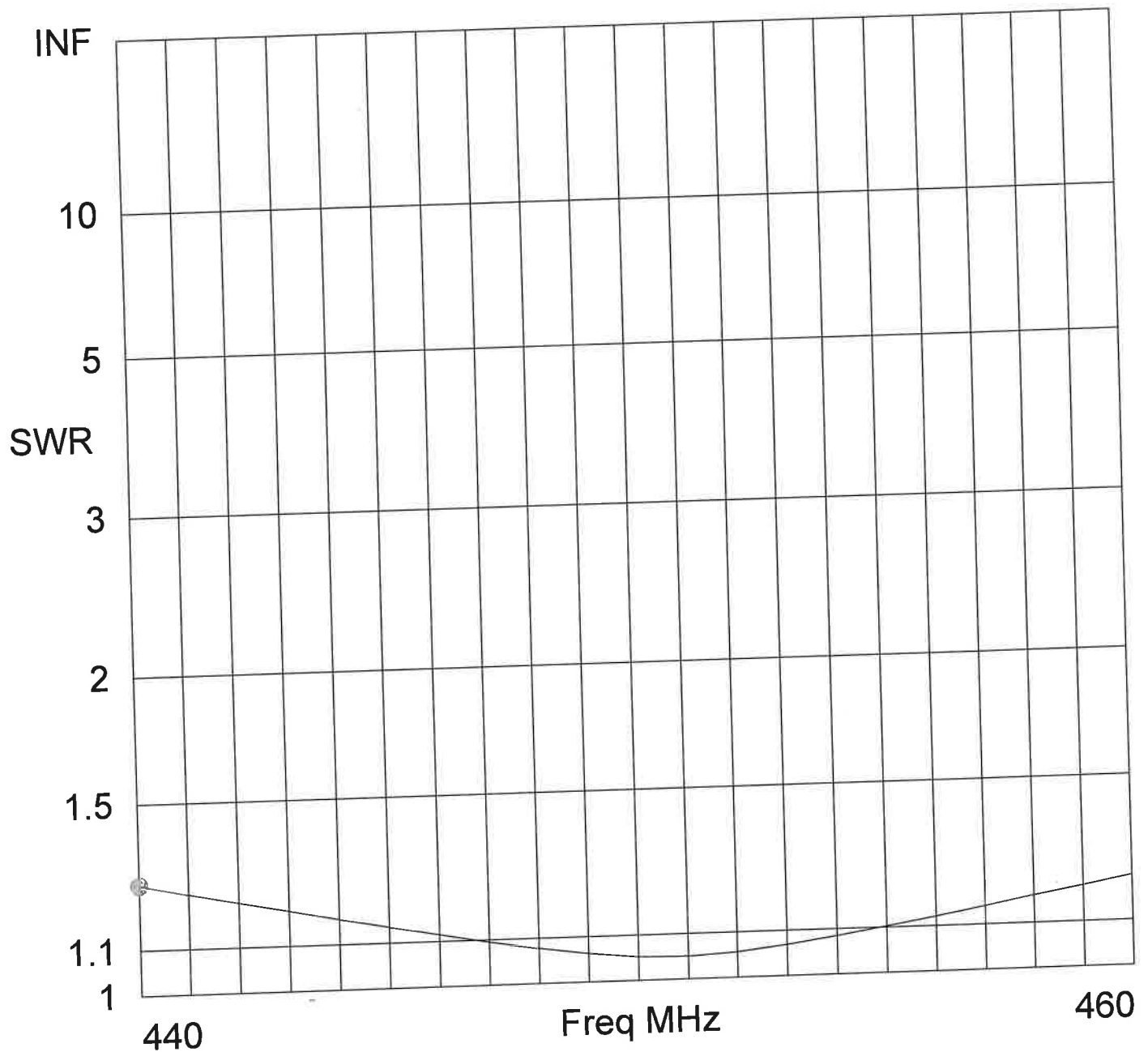


Wide Mono at $x=90$, $z=28\ 450$

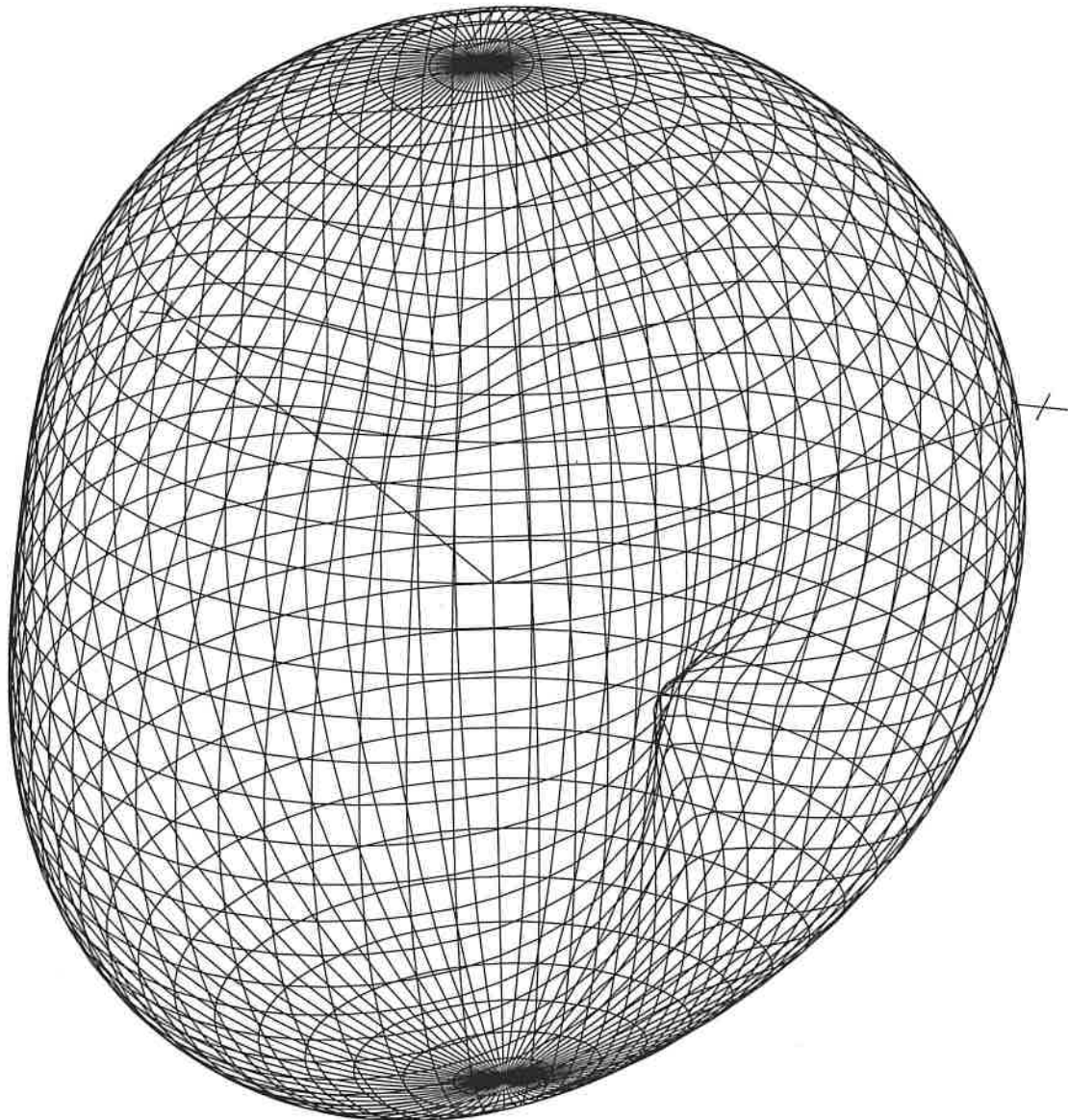
Wire Number	508
Length	2 mm
Seg Length	0.999999 mm
Diameter	0.5 mm



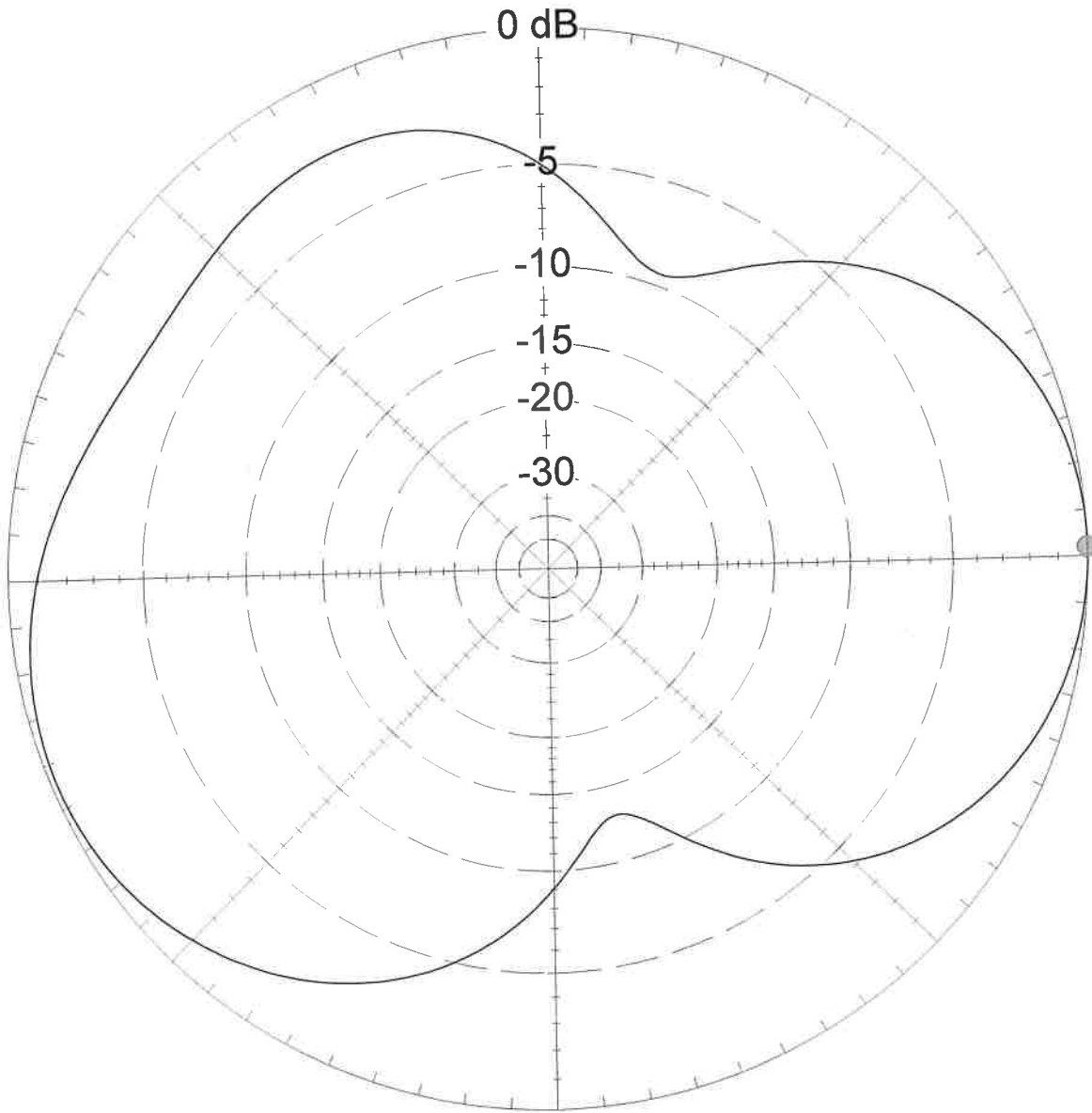
Wide Mono at x=90, z=28 450

Freq 440 MHz
SWR 1.26
 Z 50.32 at -13.16 deg.
 = 49 - j 11.45 ohms
 Refl Coeff 0.1154 at -88.39 deg.
 = 0.003232 - j 0.1153
 Ret Loss 18.8 dB

Source # 1
 Z0 50 ohms



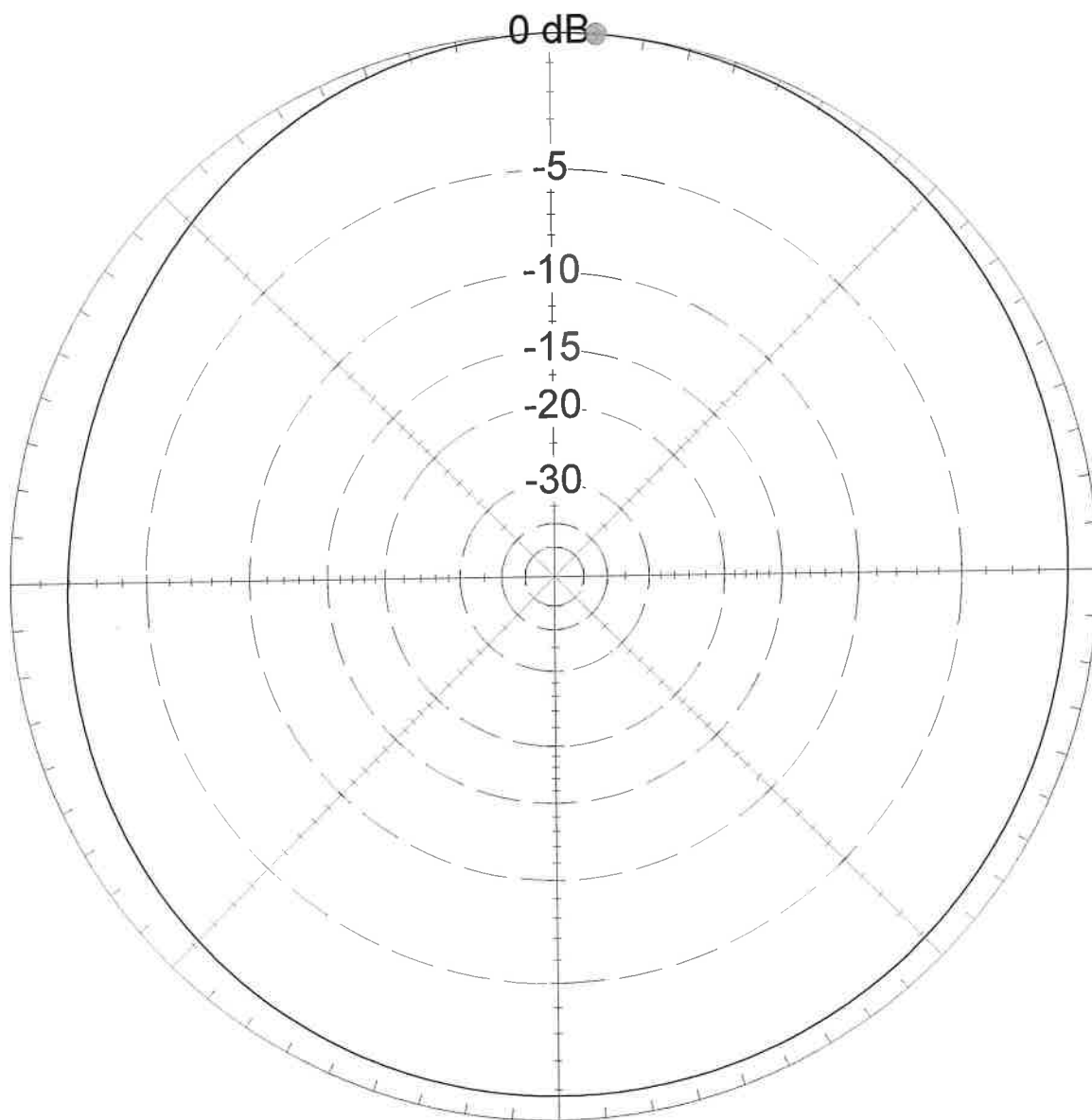
Wide Mono at $x=90$, $z=28\ 450$



Wide Mono at x=90, z=28 450

450 MHz

Azimuth Plot		Cursor Az	1.0 deg.
Elevation Angle	0.0 deg.	Gain	0.56 dBi
Outer Ring	0.56 dBi		0.0 dBmax
Slice Max Gain	0.56 dBi @ Az Angle = 1.0 deg.		
Front/Back	0.9 dB		
Beamwidth	77.5 deg.; -3dB @ 321.3, 38.8 deg.		
Sidelobe Gain	0.38 dBi @ Az Angle = 203.0 deg.		
Front/Sidelobe	0.18 dB		



Wide Mono at x=90, z=28 450

450 MHz

Elevation Plot

Azimuth Angle

Outer Ring

0.0 deg.

1.54 dBi

Cursor Elev

Gain

85.0 deg.

1.54 dBi

0.0 dBmax

Slice Max Gain

Front/Back

Beamwidth

Sidelobe Gain

Front/Sidelobe

1.54 dBi @ Elev Angle = 85.0 deg.

0.81 dB

?

0.77 dBi @ Elev Angle = 292.0 deg.

0.77 dB