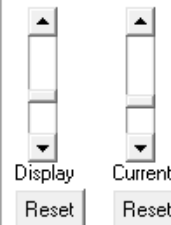
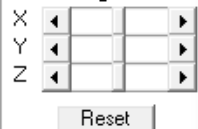


Zoom



Move Image

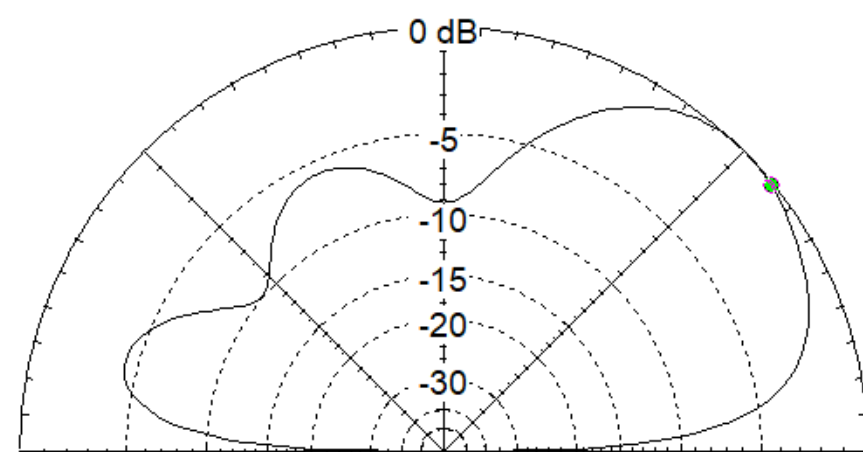
 Center Ant Image

2D Plot: G7FEK with 30m tower strung

File Edit View Options Reset

Total Field

EZNEC+



14.25 MHz

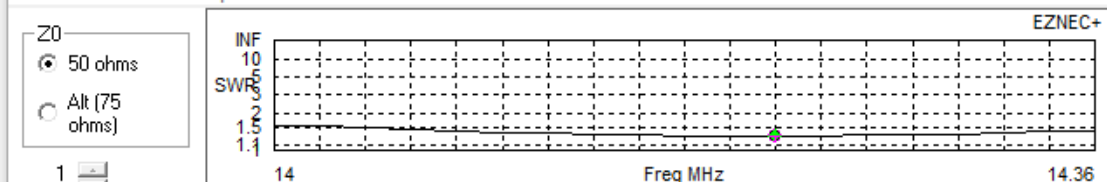
Elevation Plot
Azimuth Angle 0.0 deg.
Outer Ring -0.91 dBi

Cursor Elev 39.0 deg.
Gain -1.02 dBi
-0.11 dBmax

Slice Max Gain -0.91 dBi @ Elev Angle = 44.0 deg.
Beamwidth 56.0 deg.; -3dB @ 12.5, 68.5 deg.
Sidelobe Gain -5.17 dBi @ Elev Angle = 164.0 deg.
Front/Sidelobe 4.26 dB

SWR Plot: G7FEK with 30m tower strung

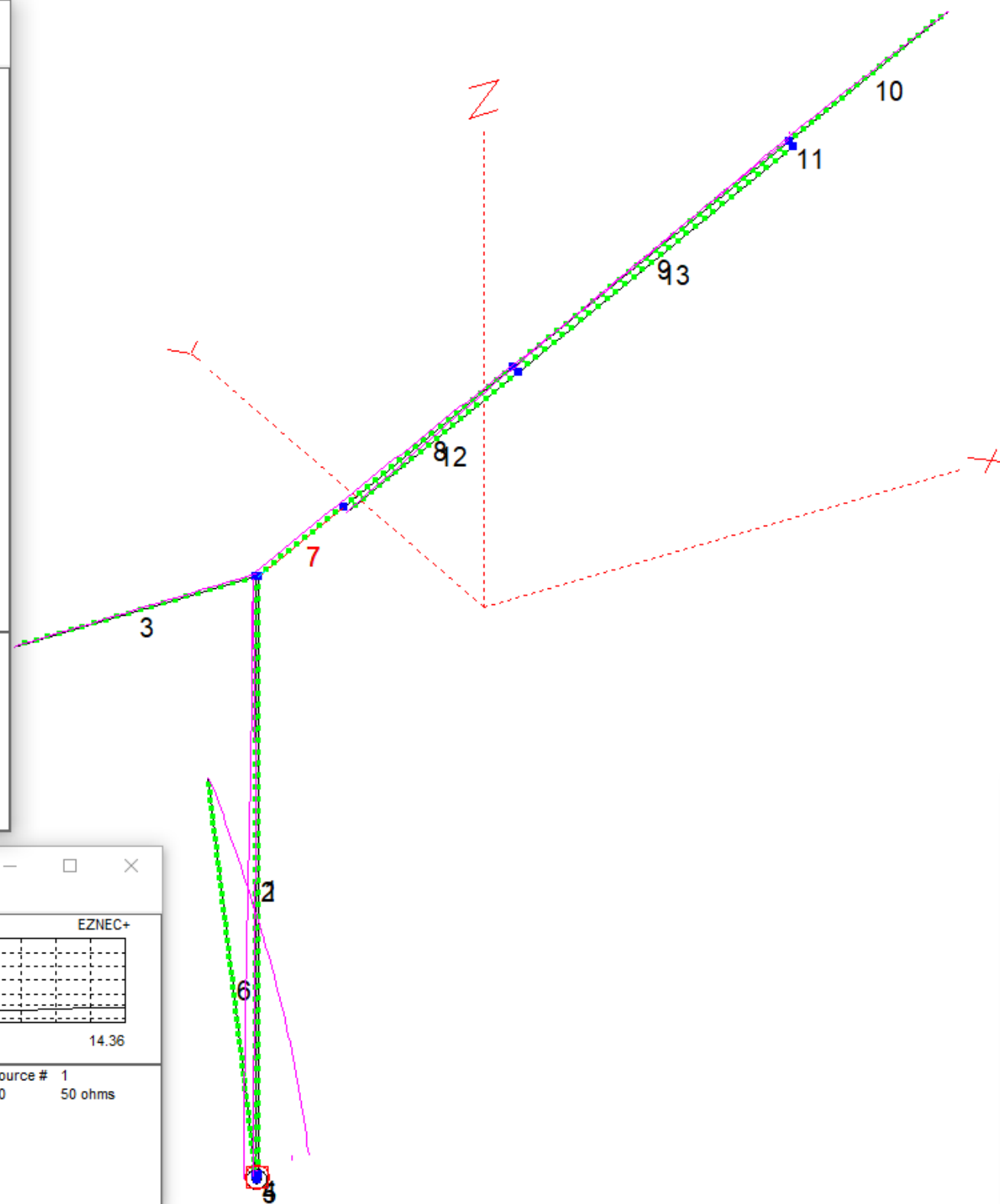
File Edit View Options



Source # 1

Freq	14.22 MHz	Source #	1
SWR	1.3	Z0	50 ohms
Z	38.83 at 4.33 deg. = 38.72 + j 2.929 ohms		
Refl Coeff	0.1313 at 163.55 deg. = -0.1259 + j 0.03716		
Ret Loss	17.6 dB		

Wire Number 7
Length 1.19125 m
Seg Length 0.108296 m
Diameter 1.5 mm
Insulated



EZNEC+

EZNEC+ v. 5.0

File Edit Options Outputs Setups View Utilities Help

G7FEK with 30m tower strung	
File	G7FEK 30m and tower strung.ez
Frequency	14.25 MHz
Wavelength	21.0381 m
Wires	13 Wires, 313 segments
Sources	1 Source
Loads	1 Load
Trans Lines	0 Transmission Lines
Transformers	0 Transformers
L Networks	0 L Networks
Ground Type	Real/MININEC
Ground Descrip	1 Medium (0.01, 14)
Wire Loss	Copper
Units	Meters
Plot Type	Elevation
Azimuth Angle	0 Deg.
Step Size	1 Deg.
Ref Level	0 dBi
Alt SWR Z0	75 ohms
Desc Options	