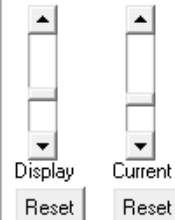
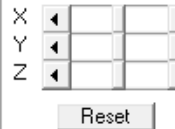


Zoom



Move Image

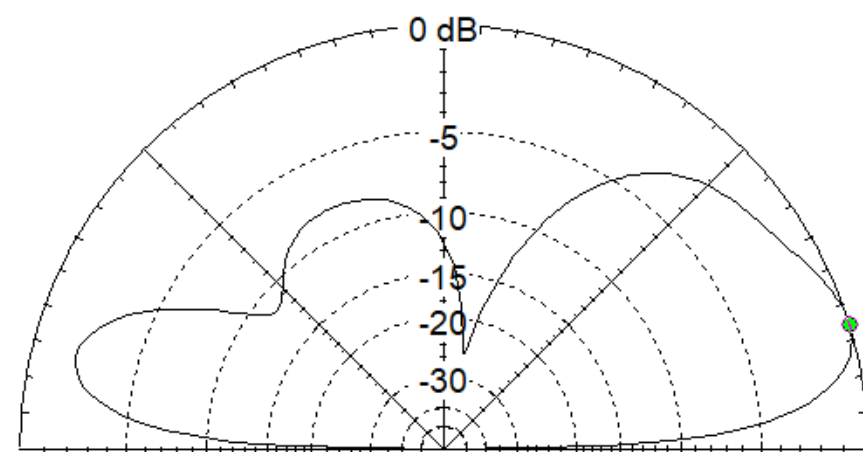
 Center Ant Image

2D Plot: G7FEK with 30m tower strung

File Edit View Options Reset

Total Field

EZNEC+



18.13 MHz

Elevation Plot

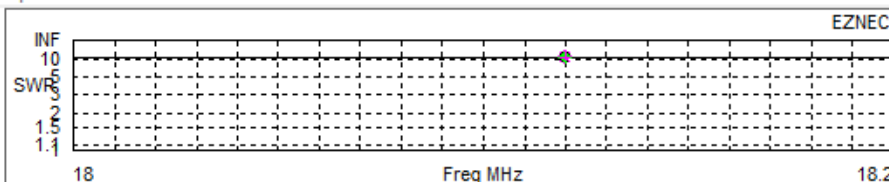
Azimuth Angle 0.0 deg.
Outer Ring 1.63 dBiCursor Elev 17.0 deg.
Gain 1.63 dBi
0.0 dBmaxSlice Max Gain 1.63 dBi @ Elev Angle = 17.0 deg.
Beamwidth 44.0 deg.; -3dB @ 6.5, 50.5 deg.
Sidelobe Gain -0.32 dBi @ Elev Angle = 166.0 deg.
Front/Sidelobe 1.95 dB

SWR Plot: G7FEK with 30m tower strung

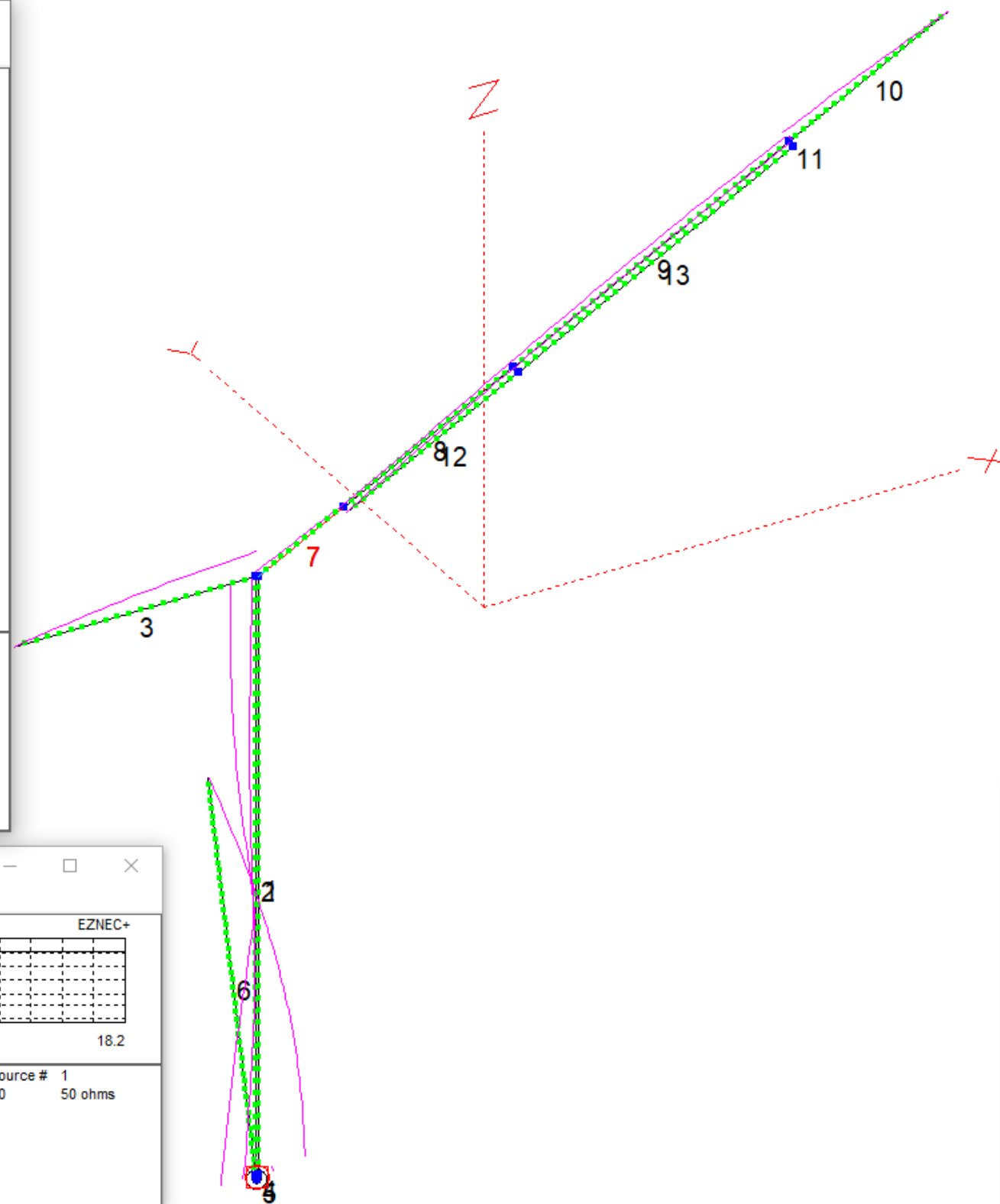
File Edit View Options

Z0
 50 ohms
 Alt (75 ohms)

Source # 1



Freq	18.12 MHz	Source #	1
SWR	12.1	Z0	50 ohms
Z	602.5 at -5.04 deg. = 600.2 - j 52.97 ohms		
Refl Coeff	0.8473 at -0.84 deg. = 0.8472 - j 0.01245		
Ret Loss	1.4 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

Open
Save As
Ant Notes
Currents
Src Dat
Load Dat
FF Tab
NF Tab
SWR
View Ant

NEC-2

FF Plot

G7FEK with 30m tower strung

File	G7FEK 30m and tower strung.ez
Frequency	18.13 MHz
Wavelength	16.5357 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	