

Zoom

Display Current

Reset Reset

Move Image

X Y Z

Reset

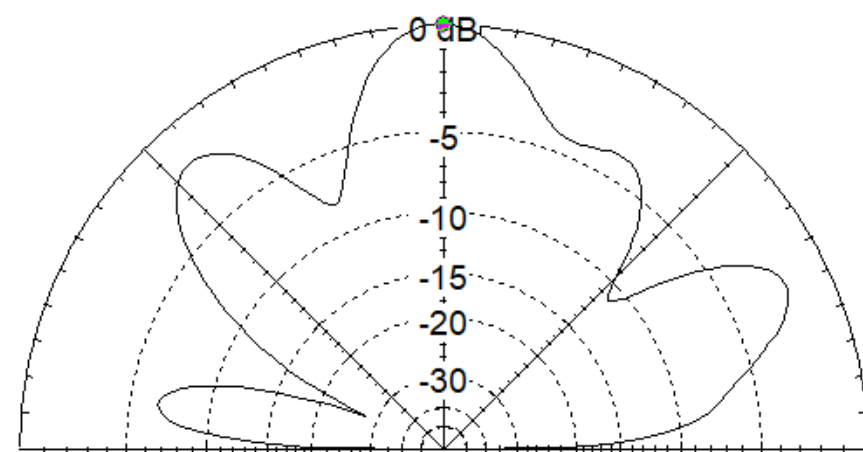
 Center Ant Image

2D Plot: G7FEK with 30m tower strung

File Edit View Options Reset

Total Field

EZNEC+

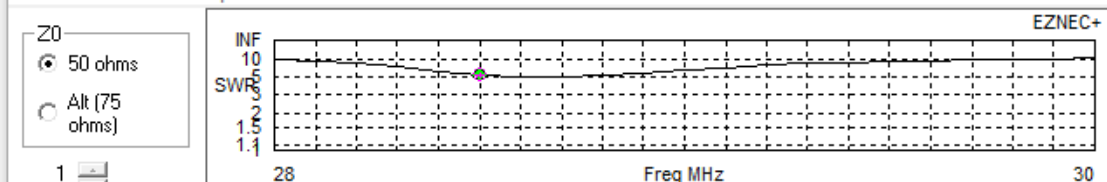


28.45 MHz

Elevation Plot	Cursor Elev	90.0 deg.
Azimuth Angle	Gain	3.92 dBi
Outer Ring		0.0 dBmax
Slice Max Gain 3.92 dBi @ Elev Angle = 90.0 deg.		
Beamwidth 29.5 deg.; -3dB @ 74.5, 104.0 deg.		
Sidelobe Gain 2.1 dBi @ Elev Angle = 131.0 deg.		
Front/Sidelobe 1.82 dB		

SWR Plot: G7FEK with 30m tower strung

File Edit View Options



Source #	1
Freq	28.5 MHz
SWR	5.44
Z	233.2 at -29.84 deg. = 202.3 - j 116 ohms
Refl Coeff	0.6895 at -12.6 deg. = 0.6728 - j 0.1505
Ret Loss	3.2 dB
Source #	1
Z0	50 ohms

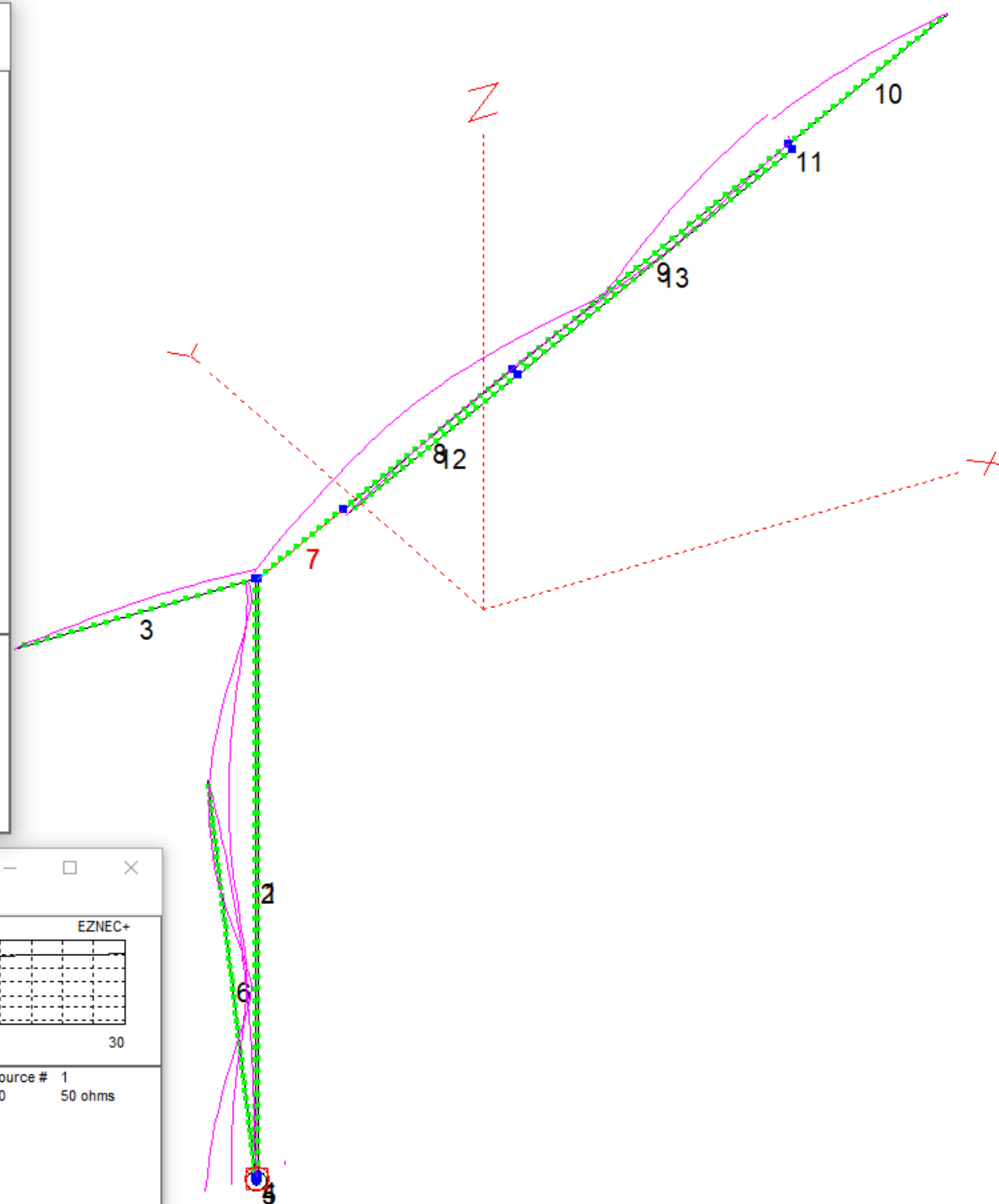
Wire Number 7

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	28.45 MHz
Wavelength	10.5375 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	