

Zoom

Display Current

Reset Reset

Move Image

X Y Z

Reset

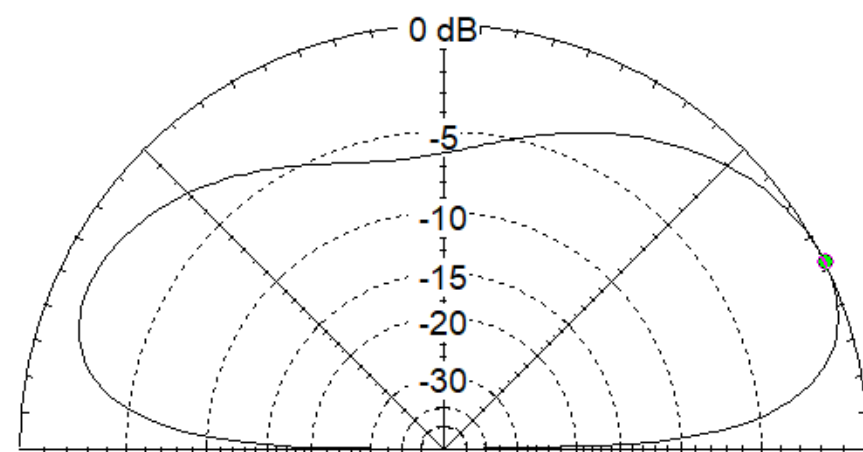
 Center Ant Image

2D Plot: G7FEK with 30m tower strung

File Edit View Options Reset

Total Field

EZNEC+

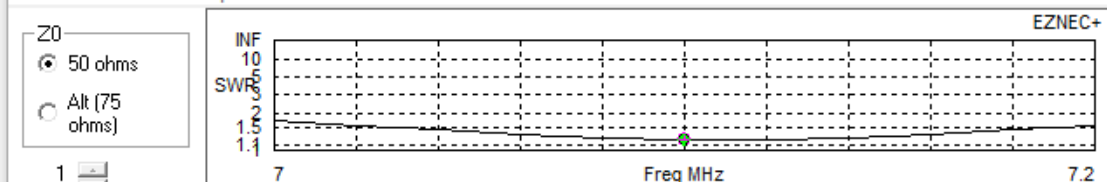


7.1 MHz

Elevation Plot	Cursor Elev	26.0 deg.
Azimuth Angle	Gain	-0.87 dBi
Outer Ring		0.0 dBmax
Slice Max Gain -0.87 dBi @ Elev Angle = 26.0 deg.		
Beamwidth 53.8 deg.; -3dB @ 8.4, 62.2 deg.		
Sidelobe Gain -2.3 dBi @ Elev Angle = 155.0 deg.		
Front/Sidelobe 1.43 dB		

SWR Plot: G7FEK with 30m tower strung

File Edit View Options



Source #	1
Freq	7.1 MHz
SWR	1.21
Z	41.4 at -0.29 deg.
	= 41.4 - j 0.2122 ohms
Refl Coeff	0.09415 at -178.45 deg.
	= -0.09412 - j 0.00254
Ret Loss	20.5 dB

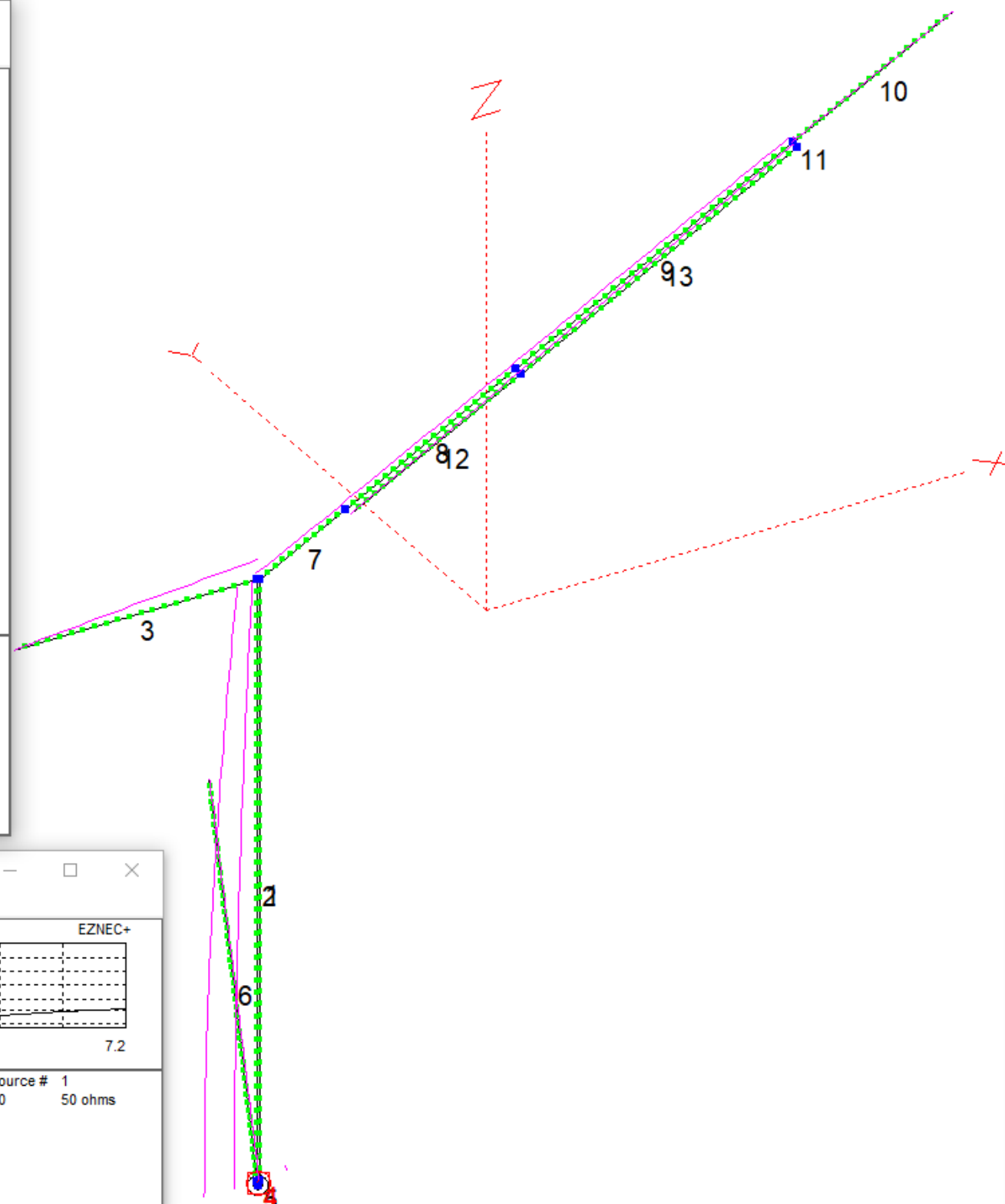
Wire Number 4

Length 0.03048 m

Seg Length 0.03048 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	7.1 MHz
Wavelength	42.2243 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	