

Zoom

Display Current

Reset Reset

Move Image

X Y Z

Reset

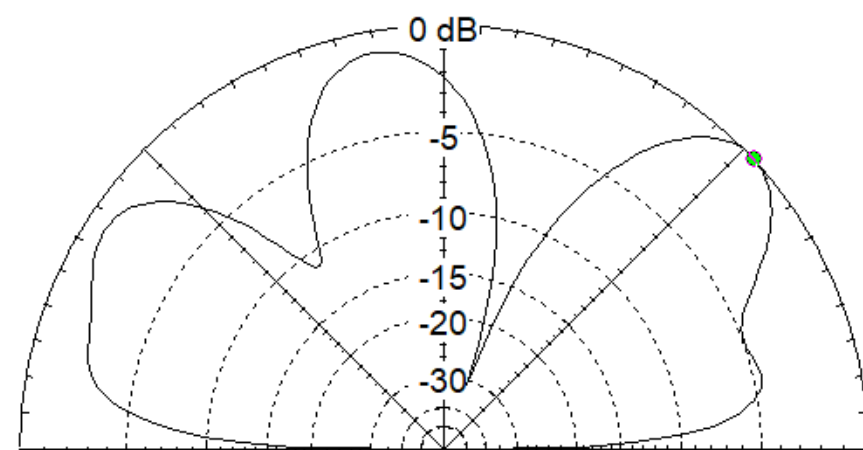
 Center Ant Image

2D Plot: G7FEK with 30m tower strung

File Edit View Options Reset

Total Field

EZNEC+



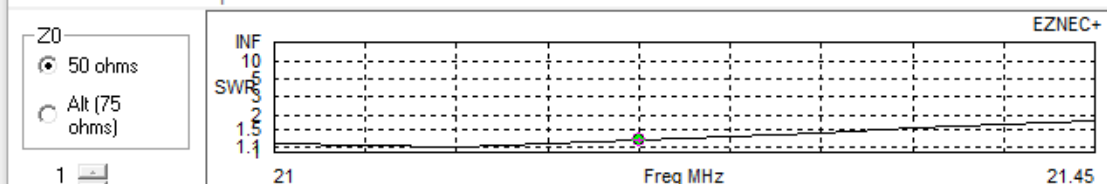
21.25 MHz

Elevation Plot	Cursor Elev	43.0 deg.
Azimuth Angle	Gain	2.13 dBi
Outer Ring		0.0 dBmax

Slice Max Gain	2.13 dBi @ Elev Angle = 43.0 deg.
Beamwidth	27.7 deg.; -3dB @ 28.7, 56.4 deg.
Sidelobe Gain	1.25 dBi @ Elev Angle = 147.0 deg.
Front/Sidelobe	0.88 dB

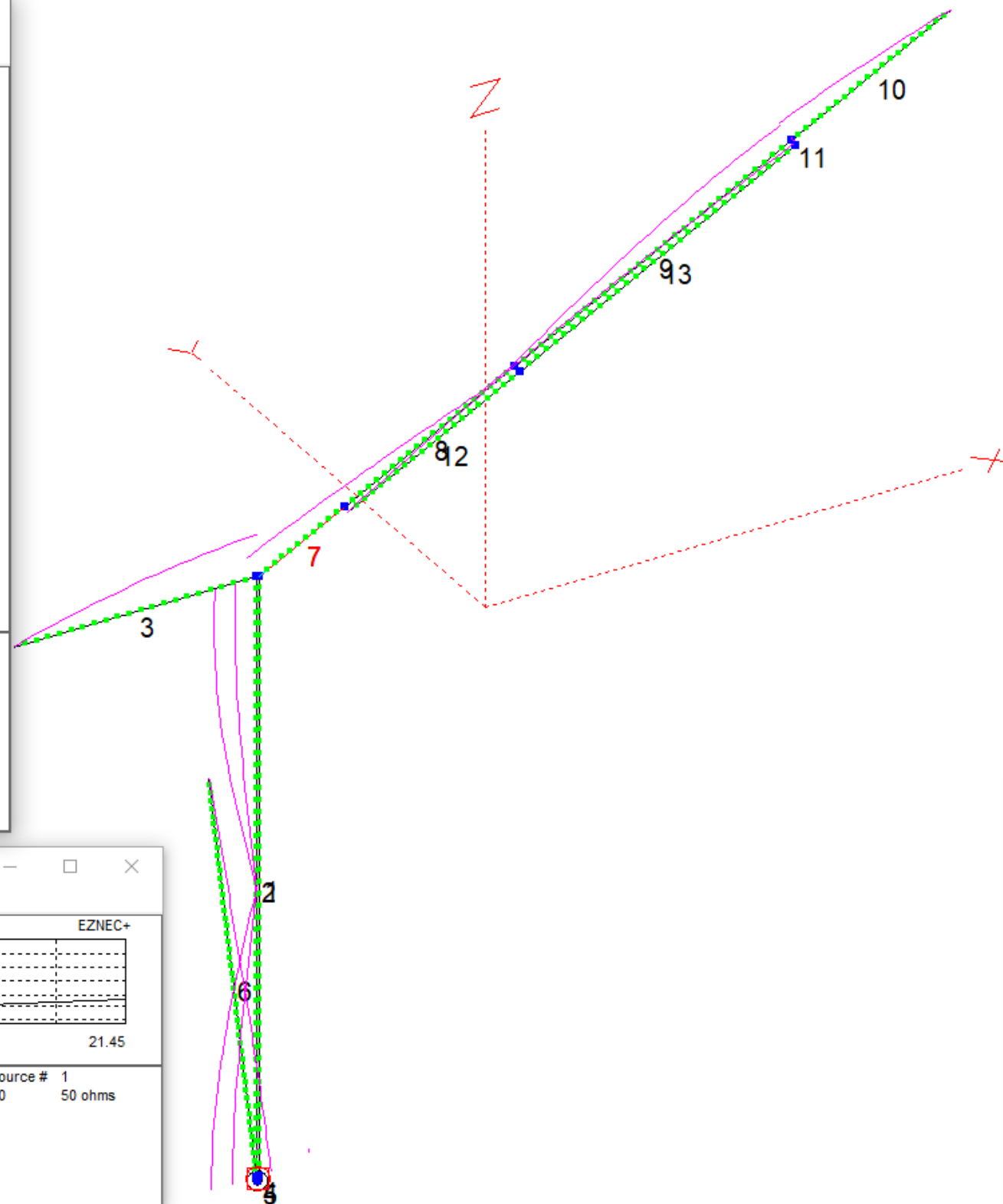
SWR Plot: G7FEK with 30m tower strung

File Edit View Options



Source #	1
Freq	21.2 MHz
SWR	1.23
Z	56.06 at 9.97 deg. = 55.21 + j 9.709 ohms
Refl Coeff	0.1043 at 56.49 deg. = 0.05758 + j 0.08696
Ret Loss	19.6 dB

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



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EZNEC+ v. 5.0

File Edit Options Outputs Setups View Utilities Help

Open	G7FEK with 30m tower strung	
Save As	File	G7FEK 30m and tower strung.ez
Ant Notes	> Frequency	21.25 MHz
Currents	Wavelength	14.1079 m
Src Dat	> Wires	13 Wires, 313 segments
Load Dat	> Sources	1 Source
FF Tab	> Loads	1 Load
NF Tab	> Trans Lines	0 Transmission Lines
SWR	> Transformers	0 Transformers
View Ant	> L Networks	0 L Networks
NEC-2	> Ground Type	Real/MININEC
FF Plot	> 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	