

H2 05

HELI PEX by SP3SWJ ☺

**Main [V5.8.2] (F2)**

File Edit Settings Calculate Window Show Run Help

Filename: H2-05.out

Frequency: 1.879 Mhz  
Wavelength: 159.6 mtr

Voltage: 69.4 + j 0 V  
Current: 1.44 - j 1e-3 A

Impedance: 48.1 + j 0.04  
Series comp.: 2.4e6 pF  
Parallel form: 48.1 // j 6.e4  
Parallel comp.: 1.307 pF

S.W.R.50: 1.04  
Input power: 100 W

Efficiency: 100 %  
Structure loss: 0 W

Radiat-eff.: 15.35 %  
Network loss: 0 W

RDF [dB]: 5.13  
Radiat-power: 100 W

Environment

GROUND PLANE SPECIFIED.  
FINITE GROUND. SOMMERFELD SOLUTION  
RELATIVE DIELECTRIC CONST.= 13.000  
CONDUCTIVITY= 5.000E-03 MHOS/METER  
COMPLEX DIELECTRIC CONSTANT= 1.30000E+01-4.78340E+01

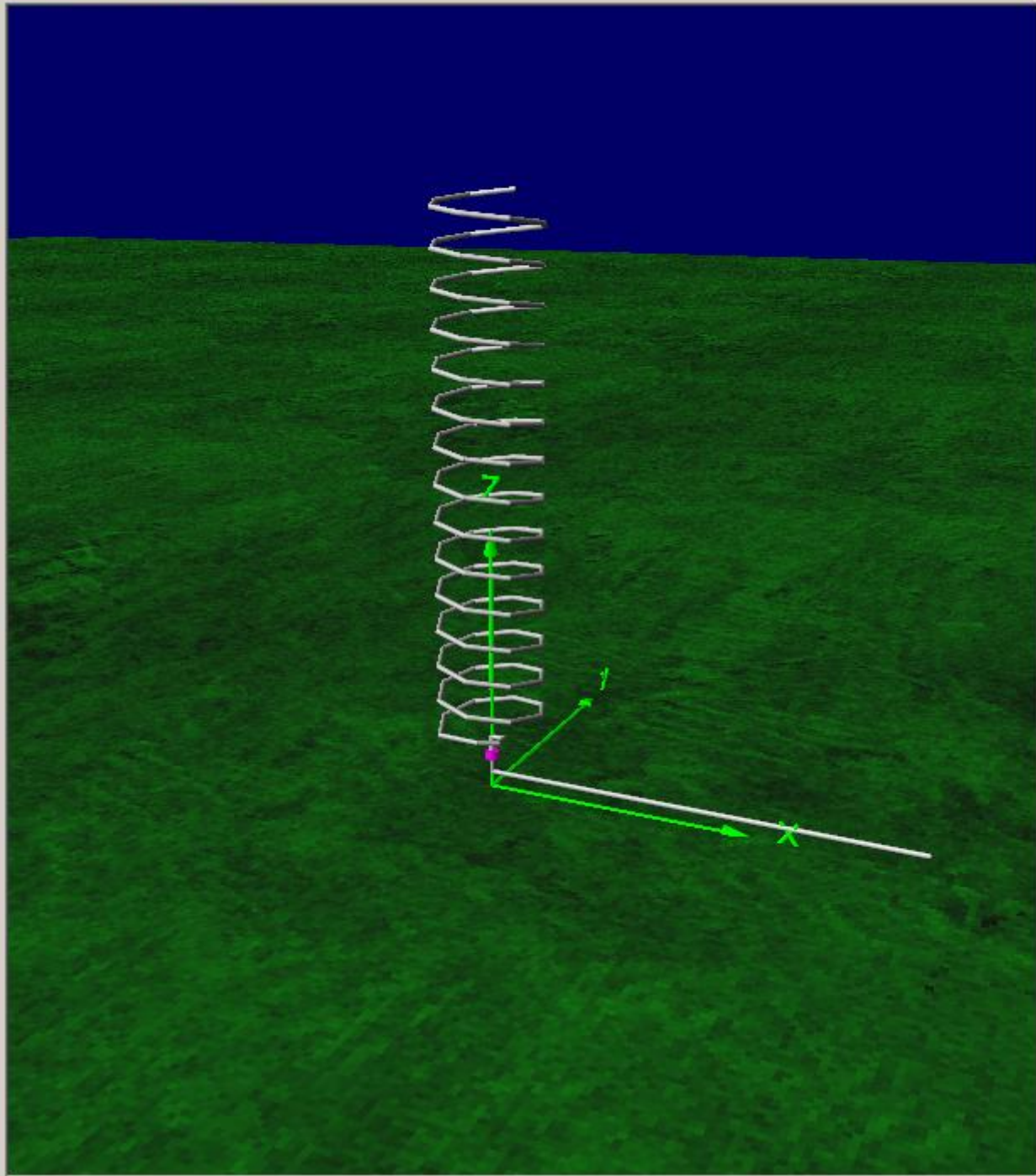
Comment

\*.Out loading-time=0.547

Seg's/patches: 121  
Pattern lines: 65341  
Freq/Eval steps: 1  
Calculation time: 5.766 s

	start	stop	count	step
Theta	-90	90	181	1
Phi	0	360	361	1

Viewer (F9) [ H2-05.txt ]



1.88 Mhz

Axis 5 mtr

Theta Phi

73 295

< zoom >

Ident Res

Rotc Col

True rad.

< >

Axis

Ground

Surfaces

Structure ▾

Hide patt. ▾

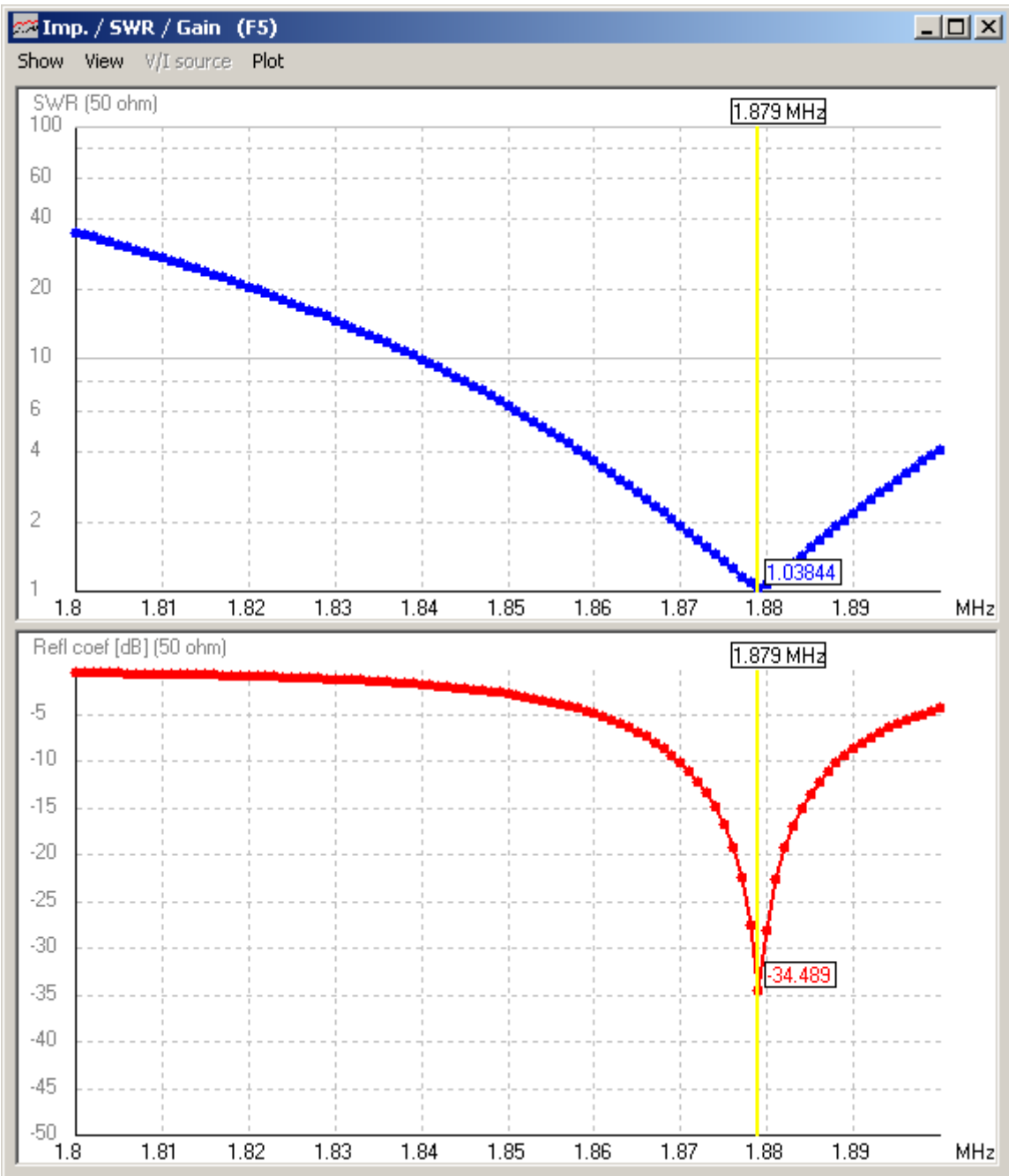
E-(z) fld ▾

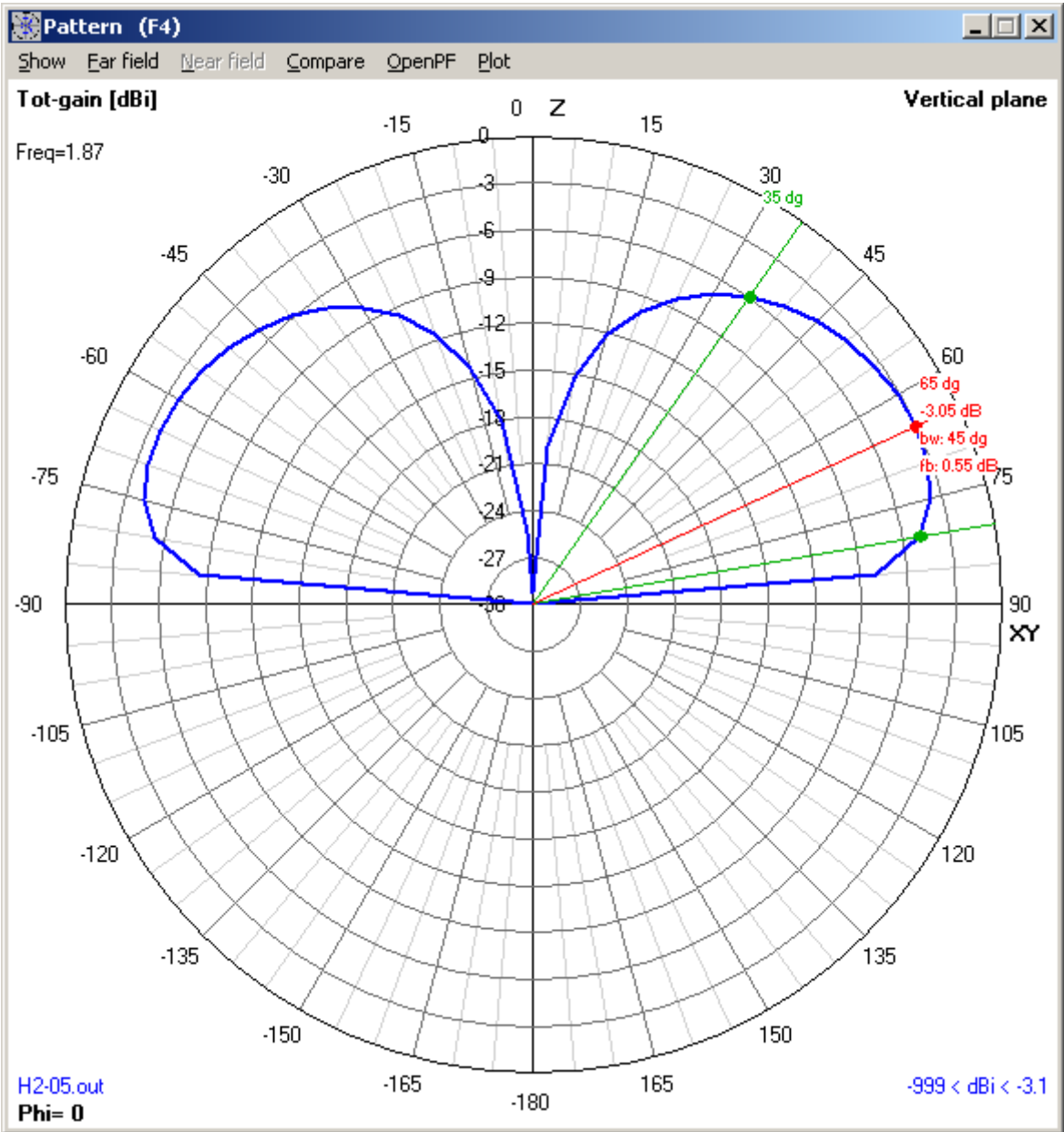
Quality

< >

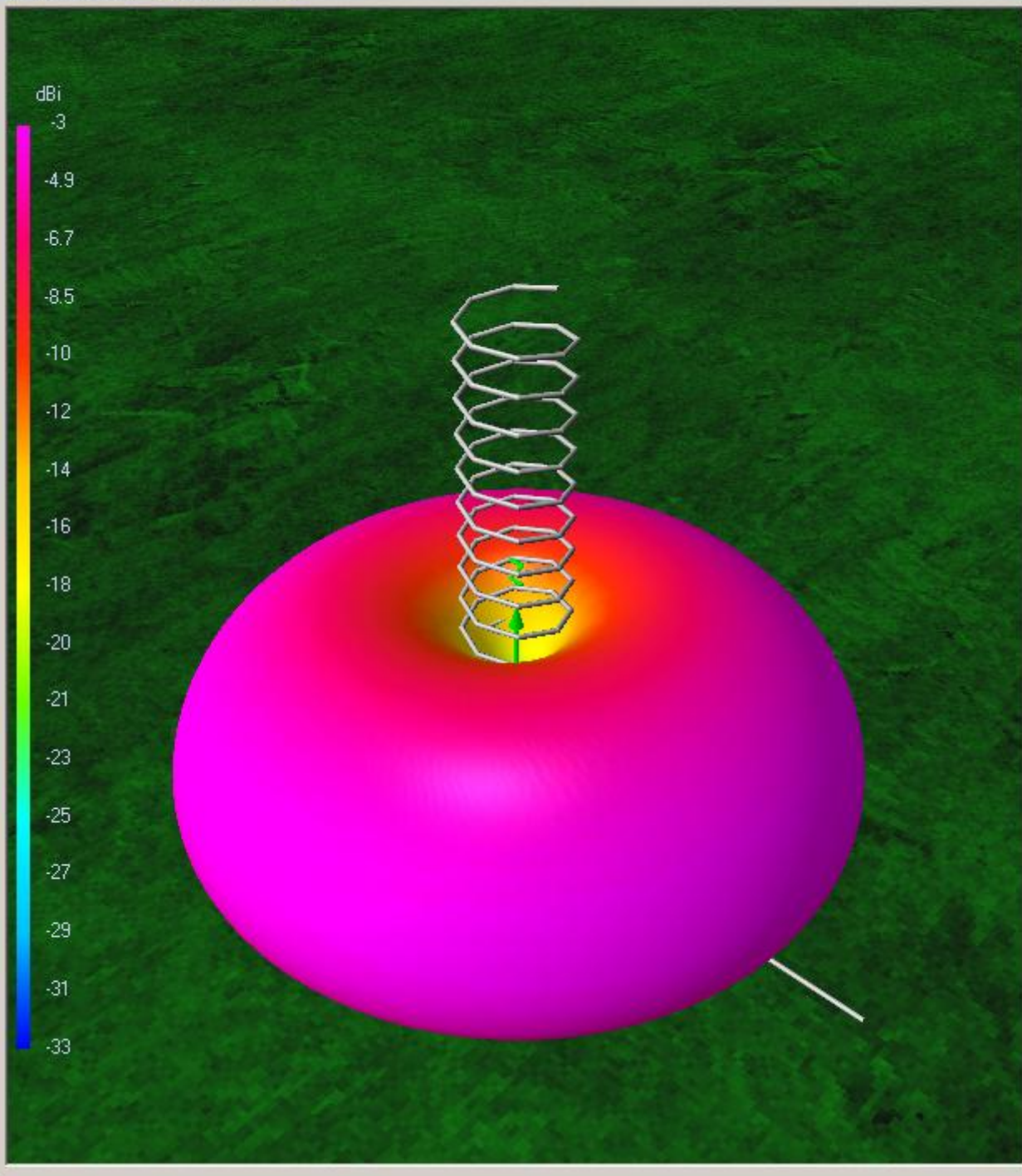
FPS Tri's

43 14002





3D Viewer (F9) [ H2-05.out ]



1.88 Mhz

Axis 5 mtr

Theta Phi  
55 313

< zoom >

Ident Res

Rotc Col

True rad.

< >

Axis

Ground

Surfaces

Structure

Multi-colo

Tot-gain

ARRL style

Magnituc

Quality

< >

FPS Tri's

26 78722