

Symbol/Variable with value or equation

Symbols

Nr Symbols and equations

1 lambda=1

2 L=0.47*lambda

Geometry

Source/Load

Freq./Ground

Others

comment

Scaling

☒ Meters ☐ Feet ☐ Inch ☐ Wave-length ☐ Custom Factor

Factor



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ENG 01:04 PM 23-04-2025



Wire/element radius (diameter/2)

Symbols

Geometry

(Scaling=Meters)

Geometry

Source/Load

Freq./Ground

Others

Upd

Comment

Use

Nr	Type	Tag	Segs	X1	Y1	Z1	X2	Y2	Z2	Radius	comment
1	Wire	1	31	0	0	-L/2	0	0	L/2	0.0001	Wire 1, 9 segments



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Standard Voltage source (Peak value)

Source(s)												Geometry				Source/Load				Freq./Ground		Others	
Nr	Type	Tag	Seg	(opt)	Real	Imag	Magn	Phase	(norm)	comment													
1	Voltage-src	1	16	0	1	0	1	0	0	Voltage source (1+j0) at wire 1 seg													

☐ Upd ☐ Ins ☐ Del ☐
☒ Show source ☐ Show loads ☐ Show Tr-line

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Symbols

Geometry

Source/Load

Frequency

Frequency MhzNr steps ☐ SweepStepsize

Environment

Ground /
Free-space ☐ Connect wire(s) for Z=0 to ground

Main ground

Ground type Conductivity Dielectric constant ☐ Use ground-screen☐ Use second ground

Freq./Ground

Ground screen

Nr of radials Radial length mtrWire radius mm

Second ground

Ground type Conductivity Dielectric constant Distance mtrDepth mtr☐ Circular boundary☐ Perpendicular to Y-axis

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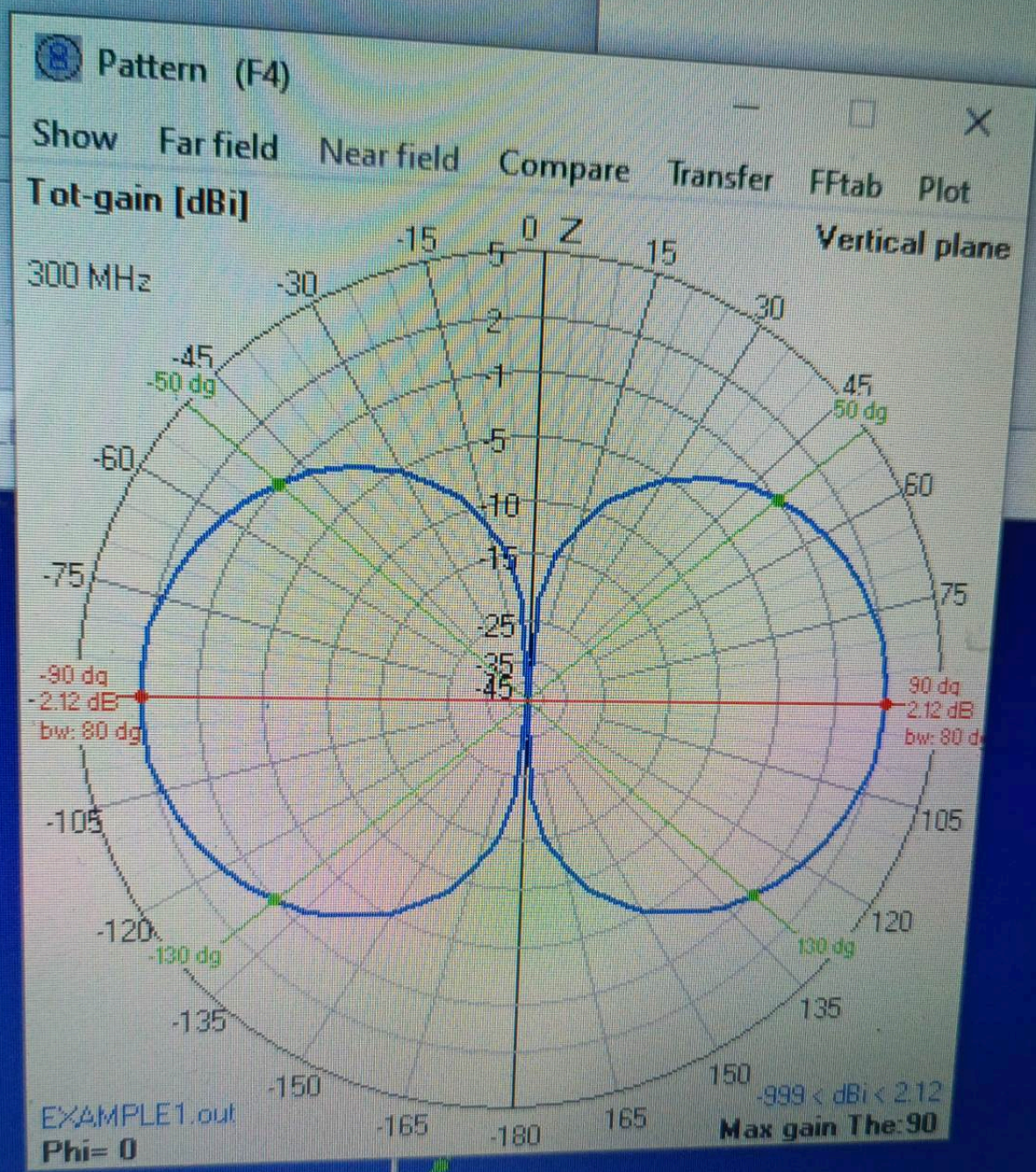
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0.019	uH
0.083	uH
100	W
0	uW
0	uW
100	W

D Viewer (F9) { EXAMPL



300 Mhz

Axis 0.2 mtr

Theta Phi
80 280

< zoom >

Ident Res

Rotc Col

☐ True rad.

☒ Axis

☐ Gains

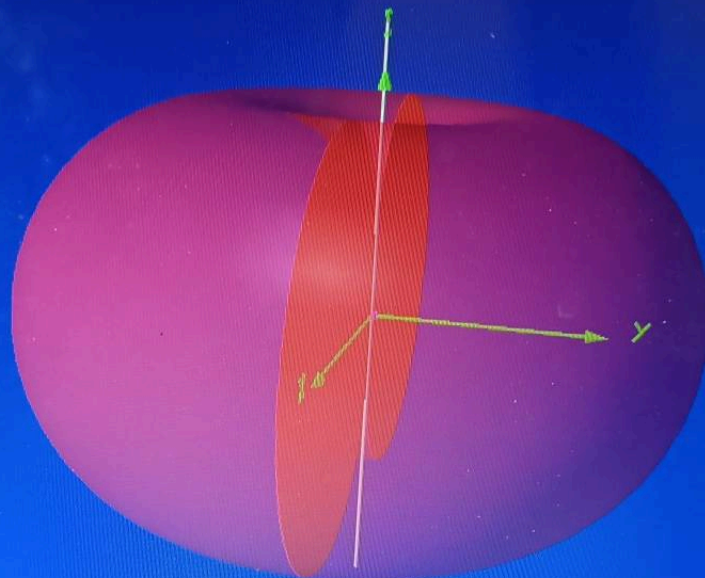
☐ Patterns

Structure ▾

Hide patt. ▾

Tot-gain ▾

Phi : 280



300 MHz

Axis 0.2 mtr

Theta Phi

75 11

< zoom >

Ident Res

Rotc Col

☐ True rad

☐ Axis

☐ Legend

☐ Labels

Structure

Transpar

Tot-gan

☒ ARRL style

Magnitua

Quality

FPS Tr's

60 6298

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