

Symbol/Variable with value or equation

Symbols

Geometry

Source/Load

Freq./Ground

Symbols

Nr	Symbols and equations	comment
1	$\lambda=1$	
2	$d=0.01$	
3	$L=0.47$	

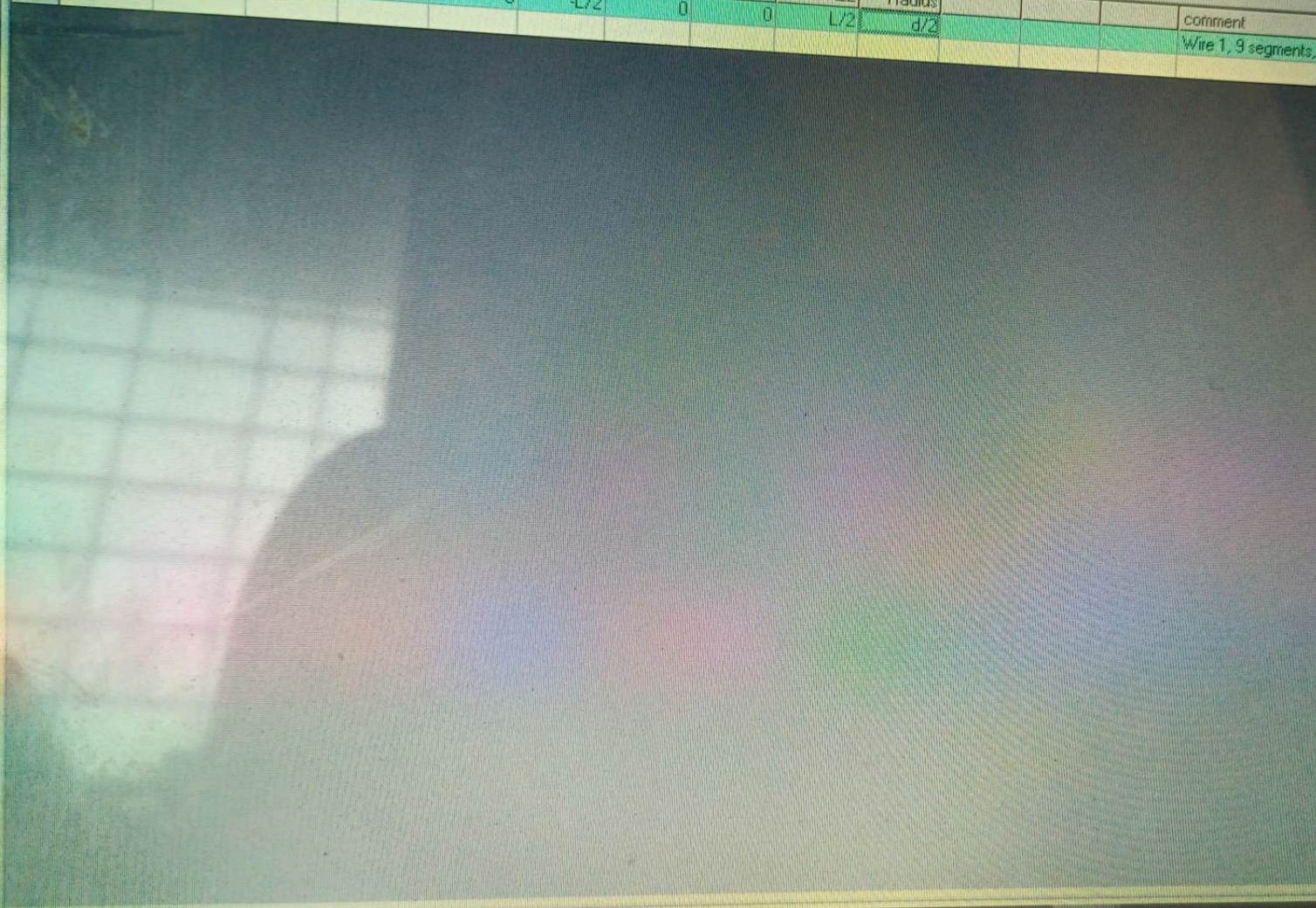
Scaling

☒ Meters
 ☐ Feet
 ☐ Inch
 ☐ Wave-length

Custom Factor

Wire/element radius (diameter/2)

Symbols				Geometry				Source/Load				Freq./Ground		Others	
Geometry (Scaling=Meters)				Geometry				Source/Load				Freq./Ground		Others	
Nr	Type	Tag	Segs	X1	Y1	Z1	X2	Y2	Z2	Radius					
1	Wire	1	31	0	0	-L/2	0	0	L/2	d/2					
											comment				
											Wire 1, 9 segments.				



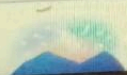
Standard Voltage source (Peak value)

Source[s]		Symbols		Geometry		Source/Load		Freq./Ground		Others		Upd		Comm	
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+0) at wire 1 seg					

☒ Show source ☐ Show loads



Type here to search



33°C Sunny



ENG

02:06 PM
23-04-2025

Symbols

Geometry

Source/Load

Freq./Ground

Others

Upd

Comment

Frequency

Frequency Mhz

Nr steps

☐ Sweep

Stepsize

Environment

Ground /

Free-space

☐ Connect wire(s) for Z=0 to ground

Main ground

Ground type

Conductivity

Diel constant

☐ Use ground-screen

☐ Use second ground

Ground screen

Nr of radials

Radial length

mtr

Wire radius

mm

Second ground

Ground type

Conductivity

Diel constant

Distance

mtr

Depth

mtr

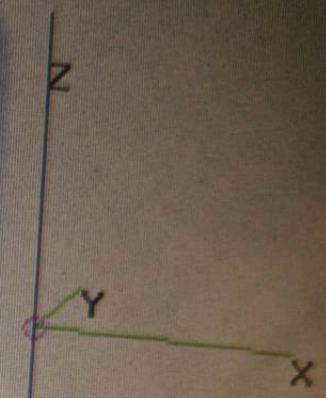
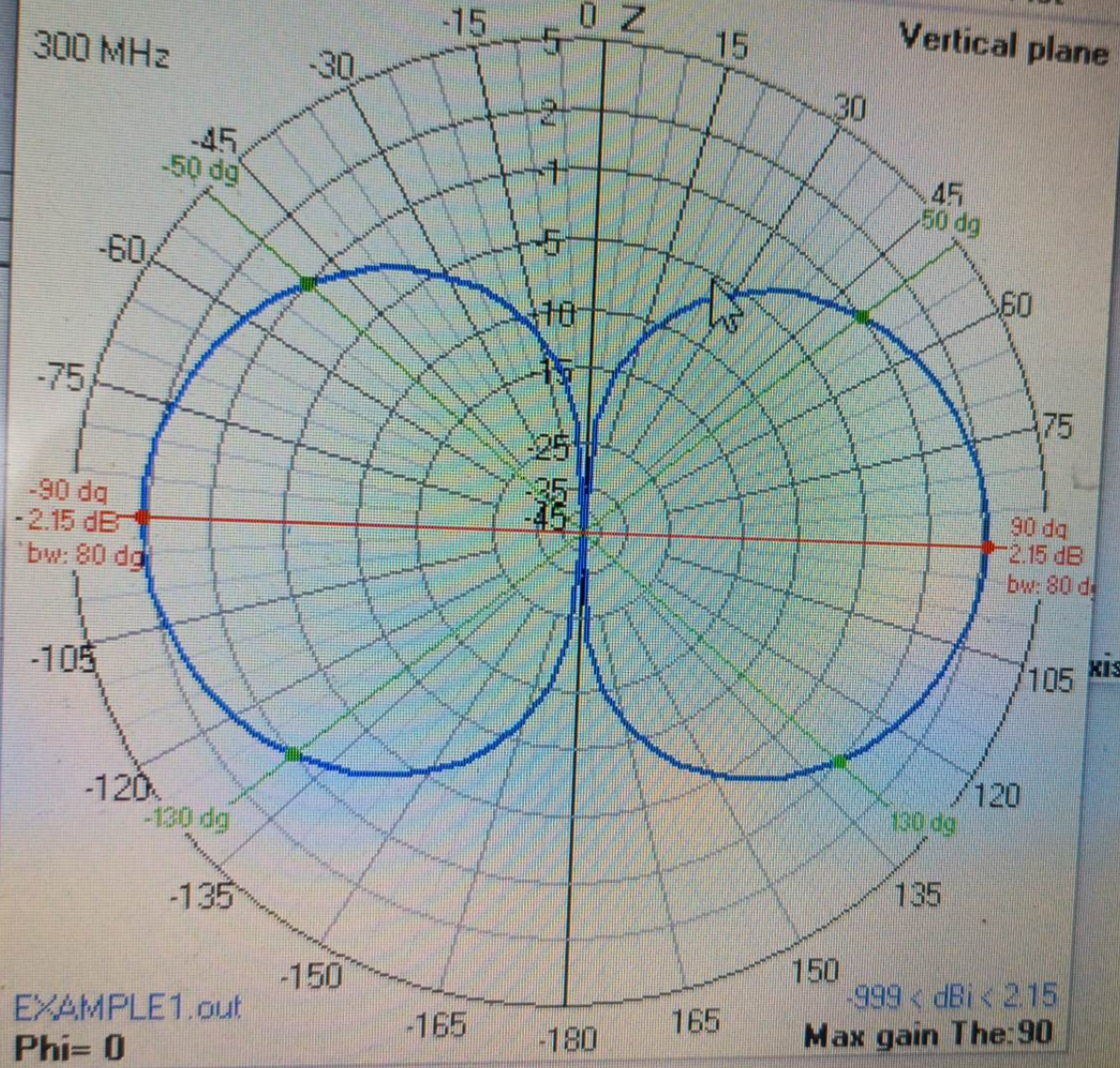
☐ Circular boundary

☐ Perpendicular to Y-axis

1.987 pF
100 W
0 uW
0 uW
100 W

Pattern (F4)

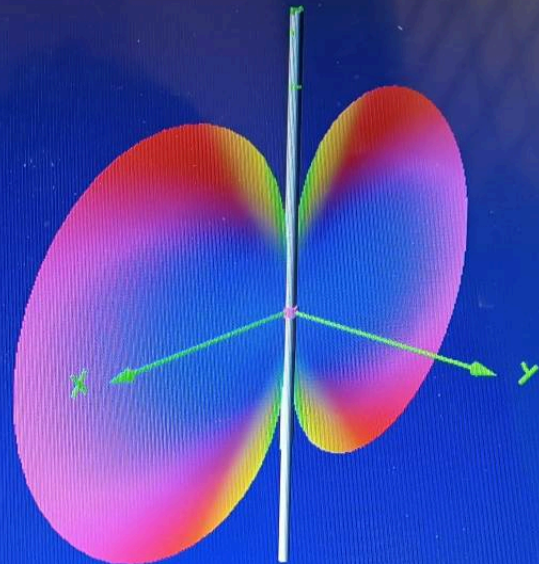
Show Far field Near field Compare Transfer Fftab Plot
Tot-gain [dBi] Vertical plane



axis : 0.2 mtr

Phi : 280

dB
2.15
0.85
-0.5
-2
-3.5
-5.2
-7
-8.9
-11
-13
-15
-17
-19
-21
-23
-25
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-101
-103
-105
-107
-109
-111
-113
-115
-117
-119



300 MHz
Axis: 0.2 m
Theta: 70 Phi: 39
[zoom]
Ident Res
Rotc Col
☒ True rad
☒ Axis
☒ Ground
☒ Surface
Structure
2D Multi-c
Tot-gain
☒ ARRL style
Magnitude

Quality
FPS: 60 Tn/s: 1104

