

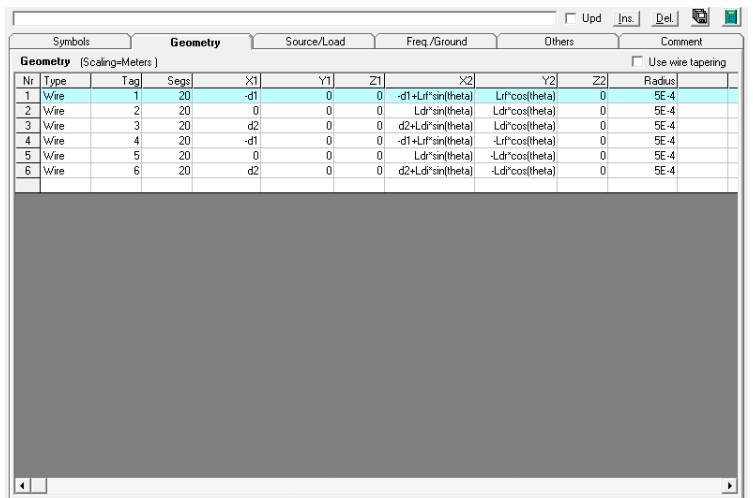
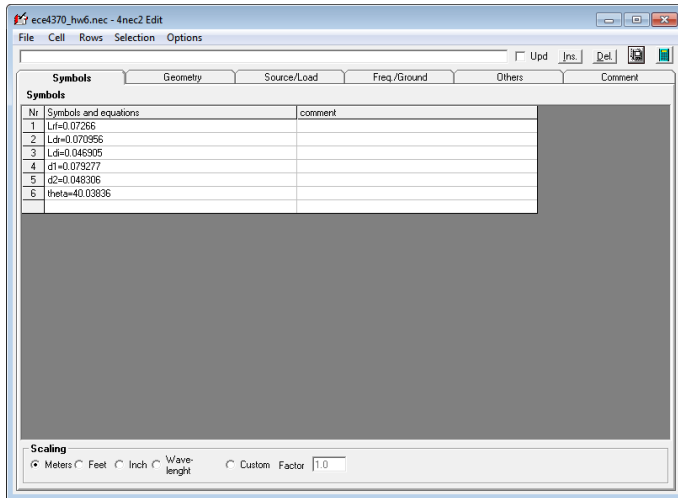
ECE 4370 – Homework 6

Caitlyn Caggia

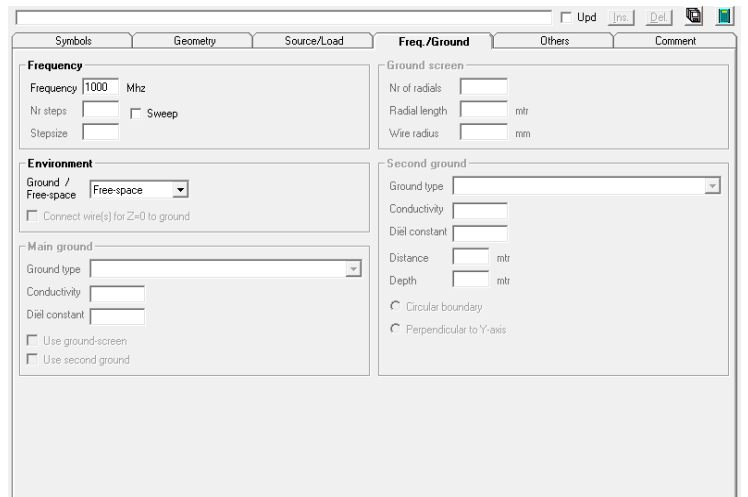
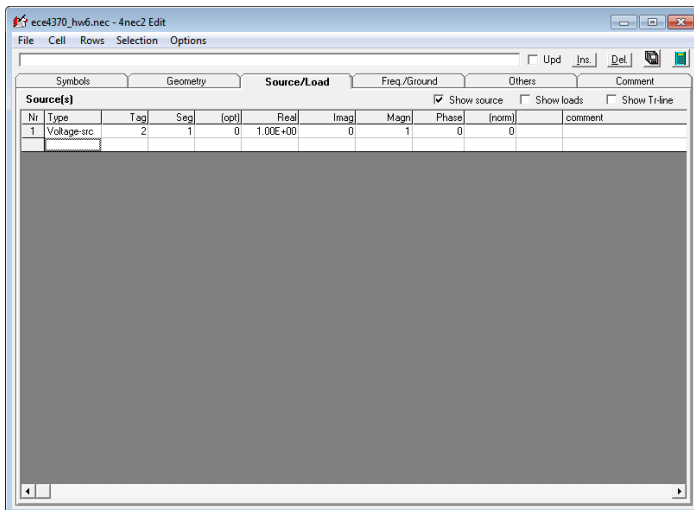
Final Dimensions

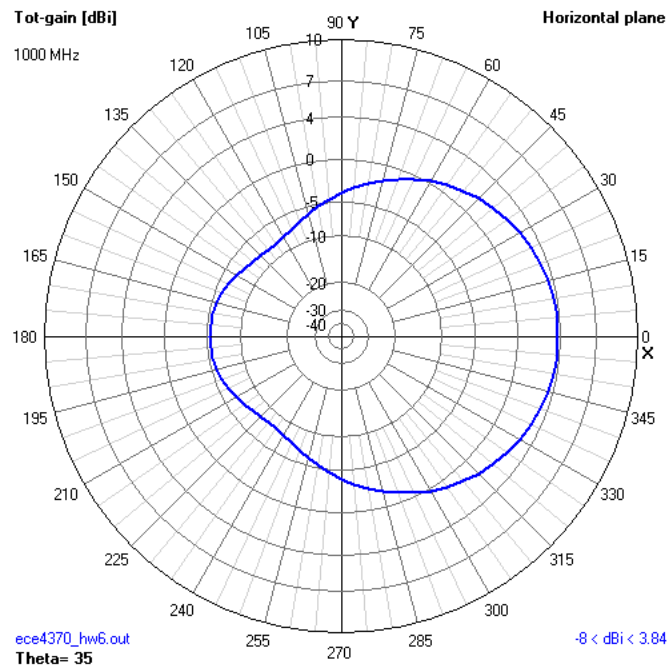
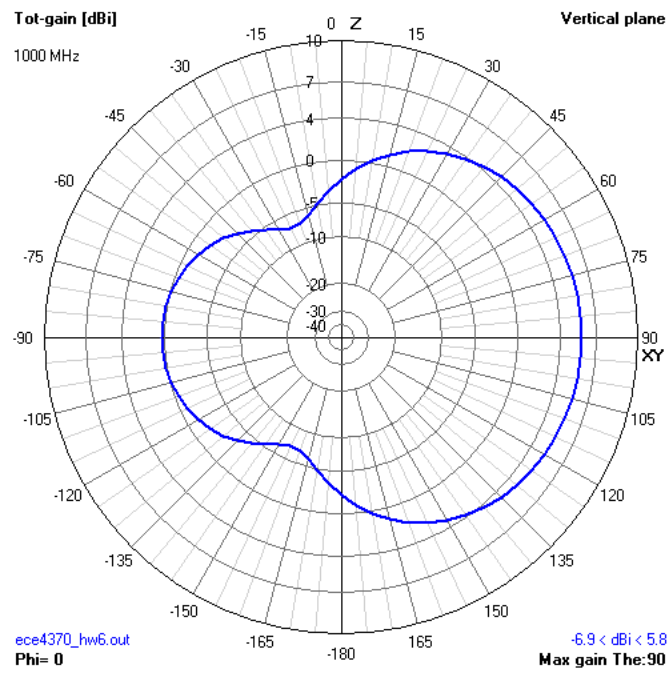
Dimension	Value (m)
Lrf	0.07266
Ldr	0.070956
Ldi	0.046905
d1	0.079277
d2	0.048306
alpha	40.03836

Input File



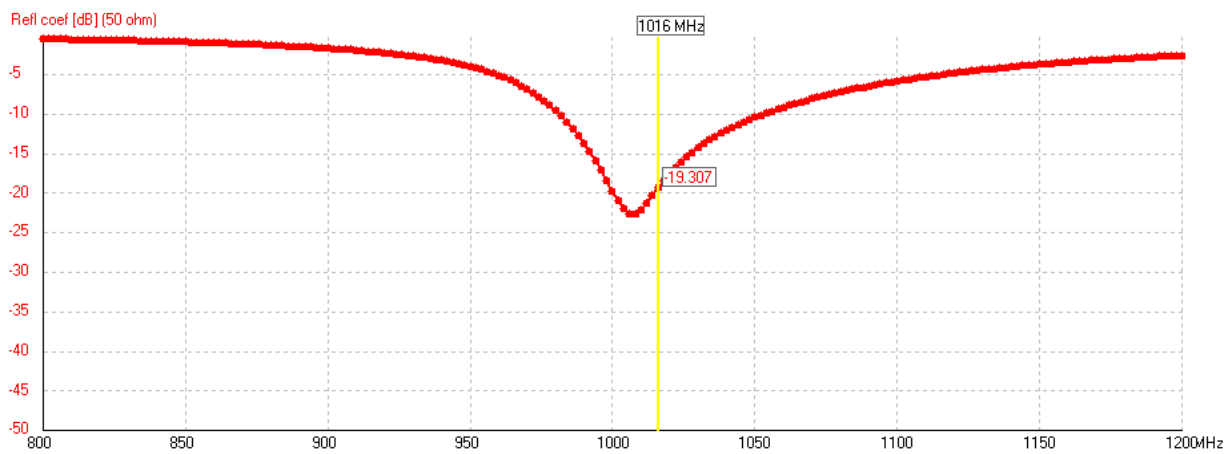
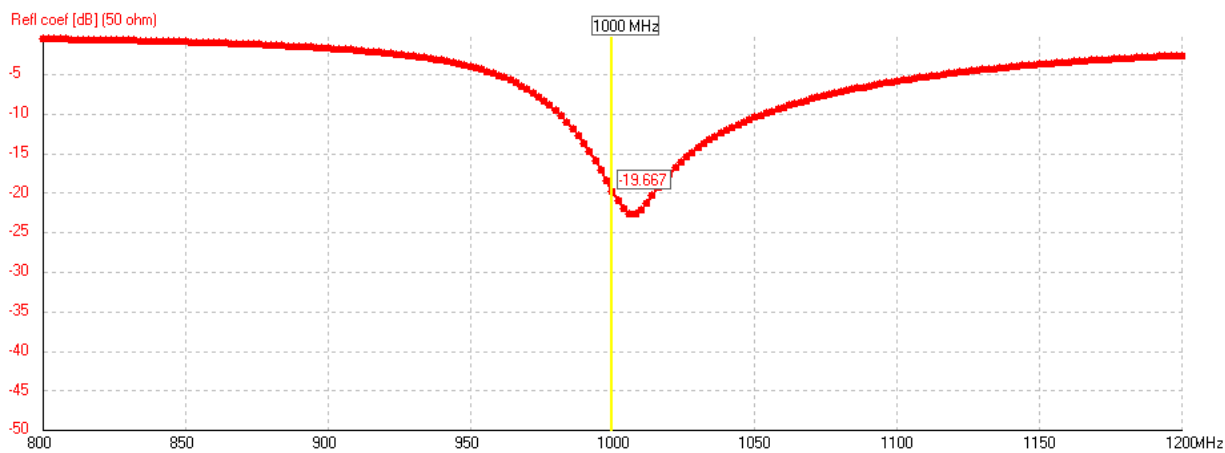
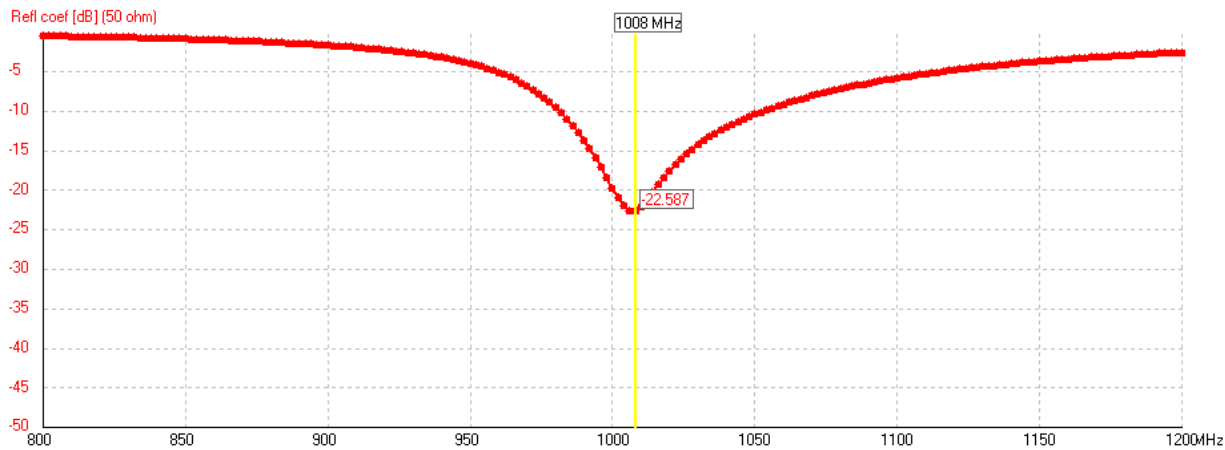
Gain Patterns





Bandwidth

Bandwidth: 16 MHz



Front to Back Ratio

Front to back ratio: 5.61 dB

