

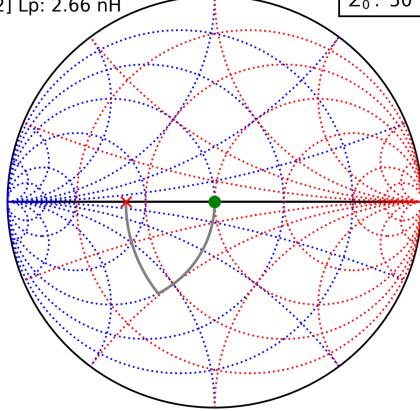
# Network 1

fc	Zstart	Ztarget	Z0
2.44GHz	$(20+0j)\Omega$	$(50+0j)\Omega$	$50\Omega$

## Results

L-Network 1	Cs: 2.66pF	Lp: 2.66nH
L-Network 2	Ls: 1.6nH	Cp: 1.6pF

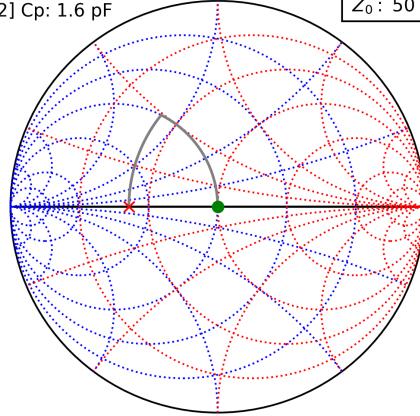
[1] Cs: 2.66 pF  
[2] Lp: 2.66 nH



$Z_{start} : (20+0j)\Omega$

$Z_{target} : (50+0j)\Omega$

[1] Ls: 1.6 nH  
[2] Cp: 1.6 pF



$Z_{start} : (20+0j)\Omega$

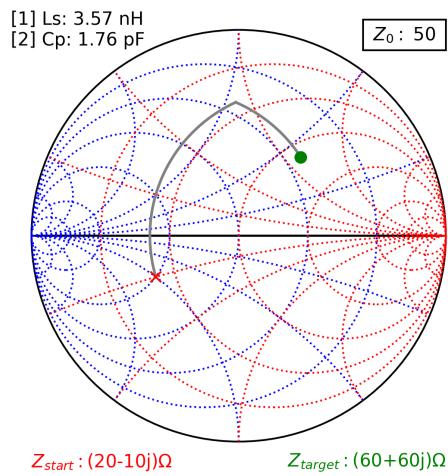
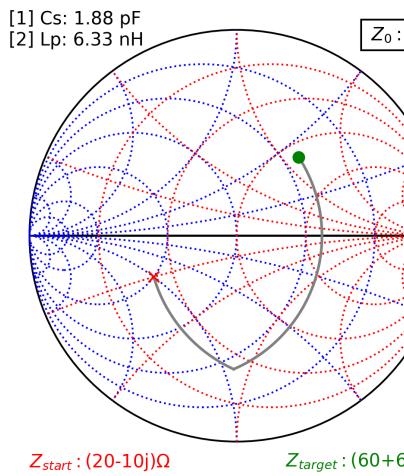
$Z_{target} : (50+0j)\Omega$

# Network 2

fc	Zstart	Ztarget	Z0
2.44GHz	$(20-10j)\Omega$	$(60+60j)\Omega$	$50\Omega$

## Results

L-Network 1	Cs: 1.88pF	Lp: 6.33nH
L-Network 2	Ls: 3.57nH	Cp: 1.76pF

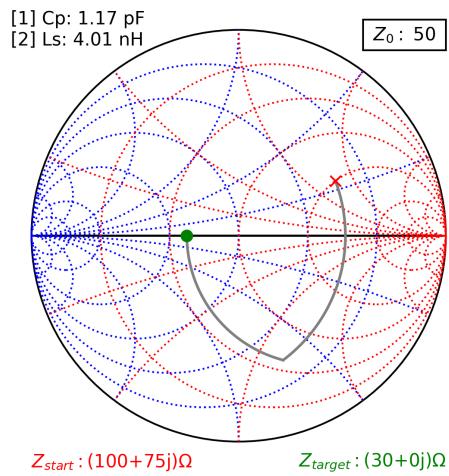
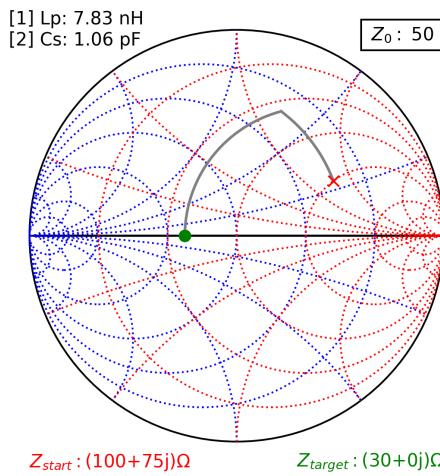


# Network 3

fc	Zstart	Ztarget	Z0
2.44GHz	$(100+75j)\Omega$	$(30+0j)\Omega$	$50\Omega$

## Results

L-Network 1	Lp: 7.83nH	Cs: 1.06pF
L-Network 2	Cp: 1.17pF	Ls: 4.01nH

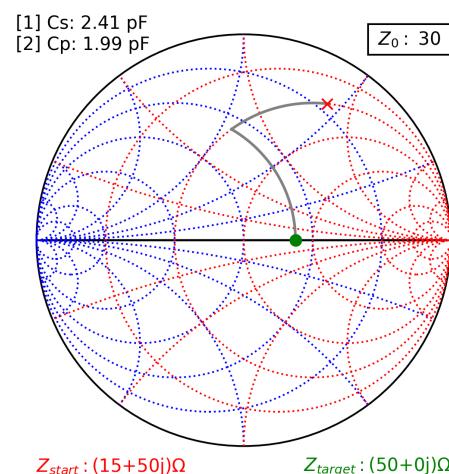
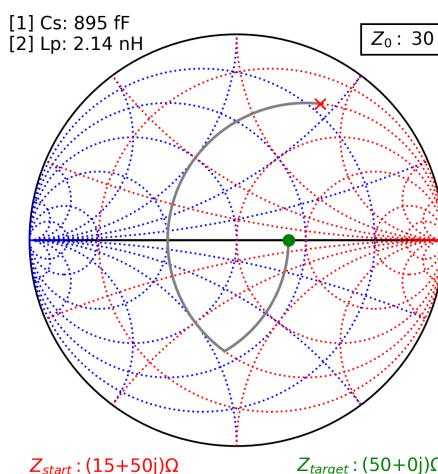
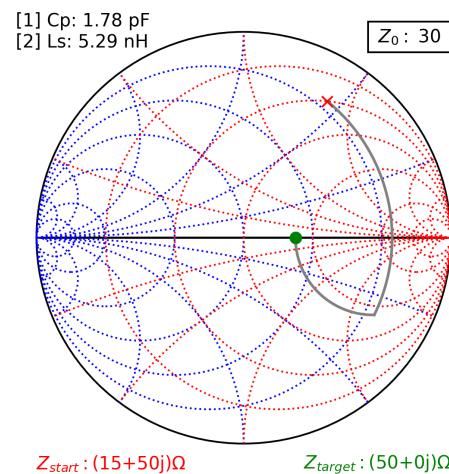
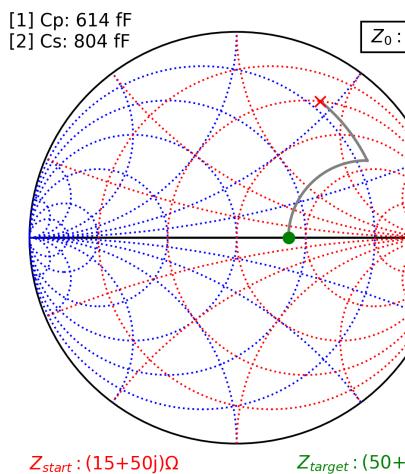


# Network 4

fc	Zstart	Ztarget	Z0
2.44GHz	$(15+50j)\Omega$	$(50+0j)\Omega$	$30\Omega$

## Results

L-Network 1	Cp: 614fF	Cs: 804fF
L-Network 2	Cp: 1.78pF	Ls: 5.29nH
L-Network 3	Cs: 895fF	Lp: 2.14nH
L-Network 4	Cs: 2.41pF	Cp: 1.99pF

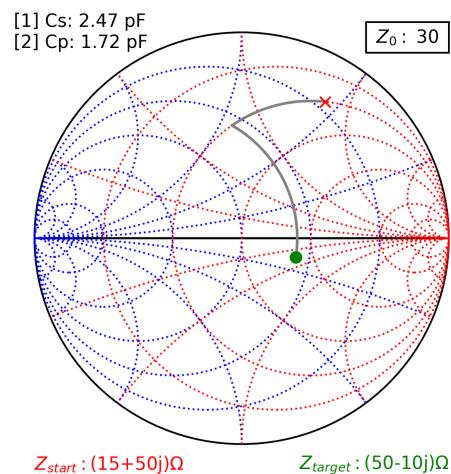
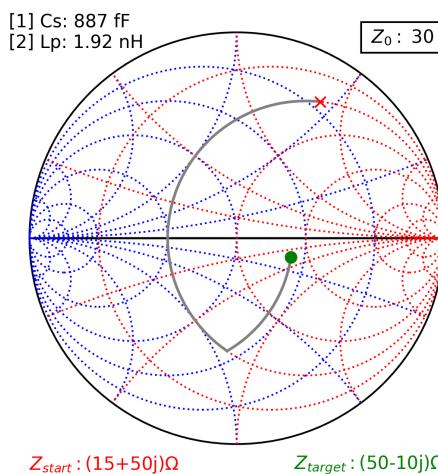
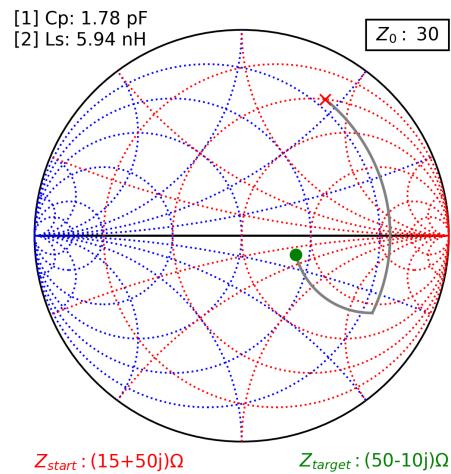
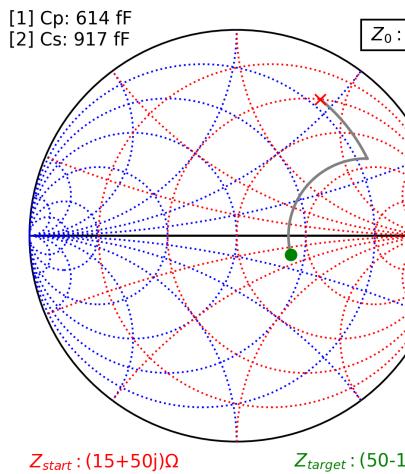


# Network 5

fc	Zstart	Ztarget	Z0
2.44GHz	$(15+50j)\Omega$	$(50-10j)\Omega$	$30\Omega$

## Results

L-Network 1	Cp: 614fF	Cs: 917fF
L-Network 2	Cp: 1.78pF	Ls: 5.94nH
L-Network 3	Cs: 887fF	Lp: 1.92nH
L-Network 4	Cs: 2.47pF	Cp: 1.72pF



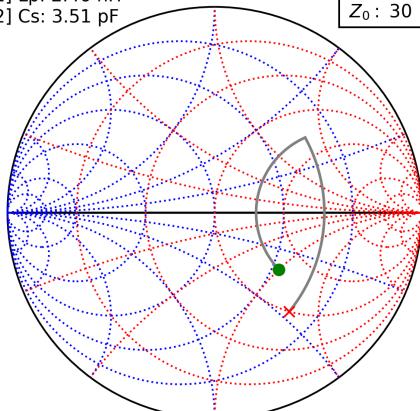
# Network 6

fc	Zstart	Ztarget	Z0
2.44GHz	$(30-45j)\Omega$	$(45-30j)\Omega$	$30\Omega$

## Results

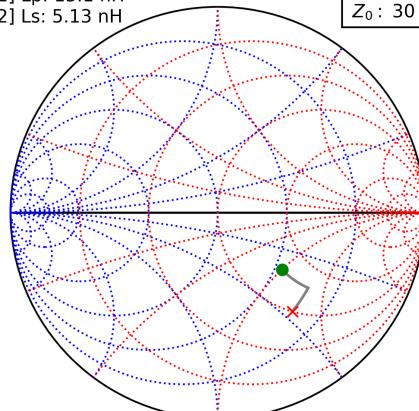
L-Network 1	Lp: 2.46nH	Cs: 3.51pF
L-Network 2	Lp: 15.1nH	Ls: 5.13nH
L-Network 3	Ls: 822pH	Lp: 2.43nH
L-Network 4	Ls: 5.05nH	Cp: 415fF

[1] Lp: 2.46 nH  
[2] Cs: 3.51 pF



$Z_{start} : (30-45j)\Omega$

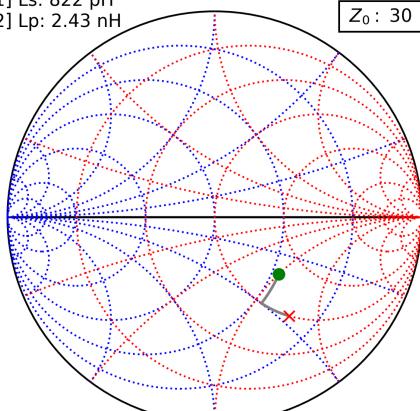
[1] Lp: 15.1 nH  
[2] Ls: 5.13 nH



$Z_{start} : (30-45j)\Omega$

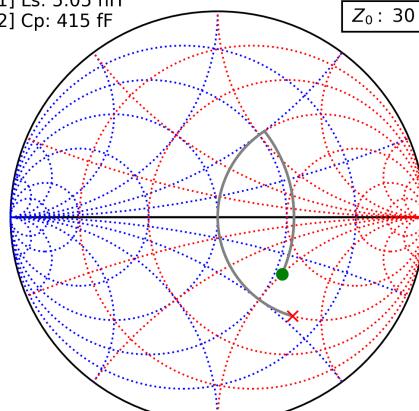
$Z_{target} : (45-30j)\Omega$

[1] Ls: 822 pH  
[2] Lp: 2.43 nH



$Z_{start} : (30-45j)\Omega$

[1] Ls: 5.05 nH  
[2] Cp: 415 fF



$Z_{start} : (30-45j)\Omega$

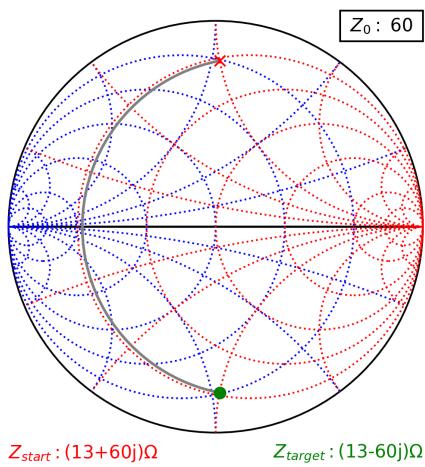
$Z_{target} : (45-30j)\Omega$

# Network 7

fc	Zstart	Ztarget	Z0
2.44GHz	$(13+60j)\Omega$	$(13-60j)\Omega$	$60\Omega$

## Results

L-Network 1	: short
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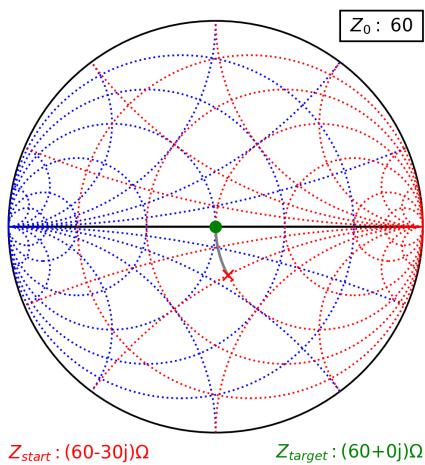


# Network 8

fc	Zstart	Ztarget	Z0
2.44GHz	$(60-30j)\Omega$	$(60+0j)\Omega$	$60\Omega$

## Results

L-Network 1	Ls: 1.96nH
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# Network 9

fc	Zstart	Ztarget	Z0
2.44GHz	$(60+20j)\Omega$	$(60+80j)\Omega$	$60\Omega$

## Results

L-Network 1	Cs: 652fF
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