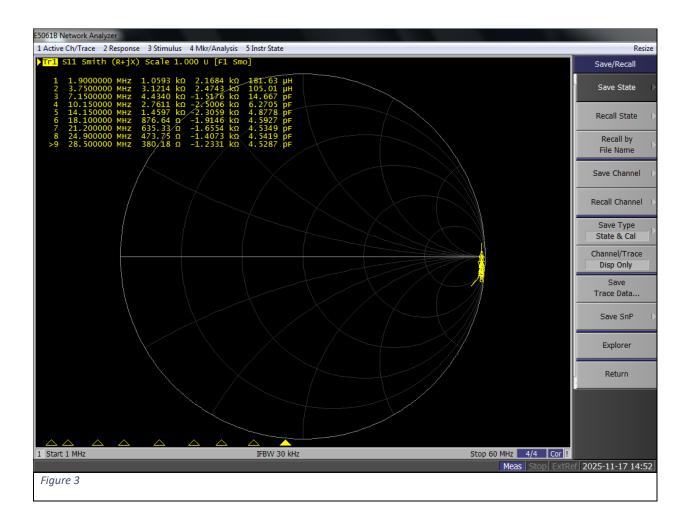
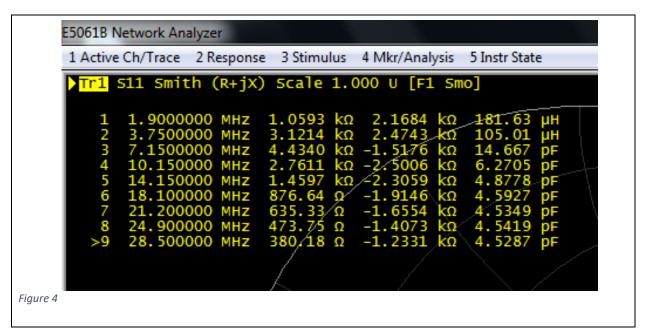
Lyle's balun

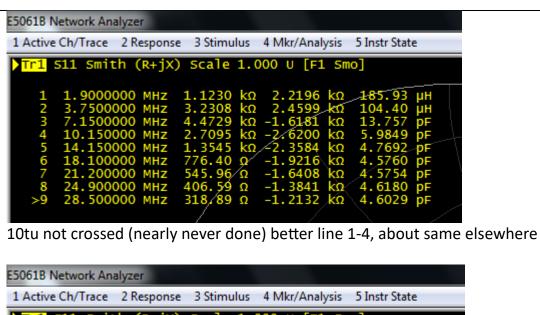


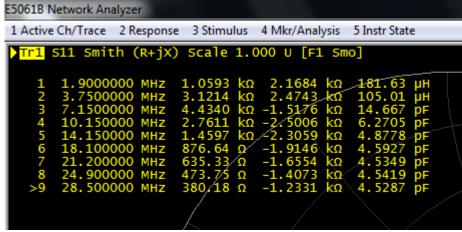












10 tu crossed (almost everyone does this)

Figure 6 crossing winding really does not do that much



Figure 7 another way

```
1 Active Ch/Trace 2 Response 3 Stimulus 4 Mkr/Analysis 5 Instr State

| Tr1 S11 Smith (R+jx) Scale 1.000 U [F1 Smo]

1 1.9000000 MHz 330.02 Ω 710.21 Ω 59.491 μΗ
2 3.7500000 MHz 871.61 Ω 881.45 Ω 37.410 μΗ
3 7.1500000 MHz 1.8332 kΩ -15.140 Ω 1.4703 nF
4 10.150000 MHz 1.5320 kΩ -801.12 Ω 19.573 pF
5 14.150000 MHz 862.99 Ω -1.0326 kΩ 10.893 pF
6 18.100000 MHz 485.76 Ω -910.84 Ω 9.6538 pF
7 21.200000 MHz 330.12 Ω -790.72 Ω 9.4943 pF
8 24.900000 MHz 233.59 Ω -668.56 Ω 9.5606 pF
>9 28.500000 MHz 176.89 Ω -584.50 Ω 9.5541 pF
```