

EQUIPMENT PERFORMANCE MEASUREMENTS

Thru-Line Wattmeter Sampling Element
 Customer: Kevin Custer

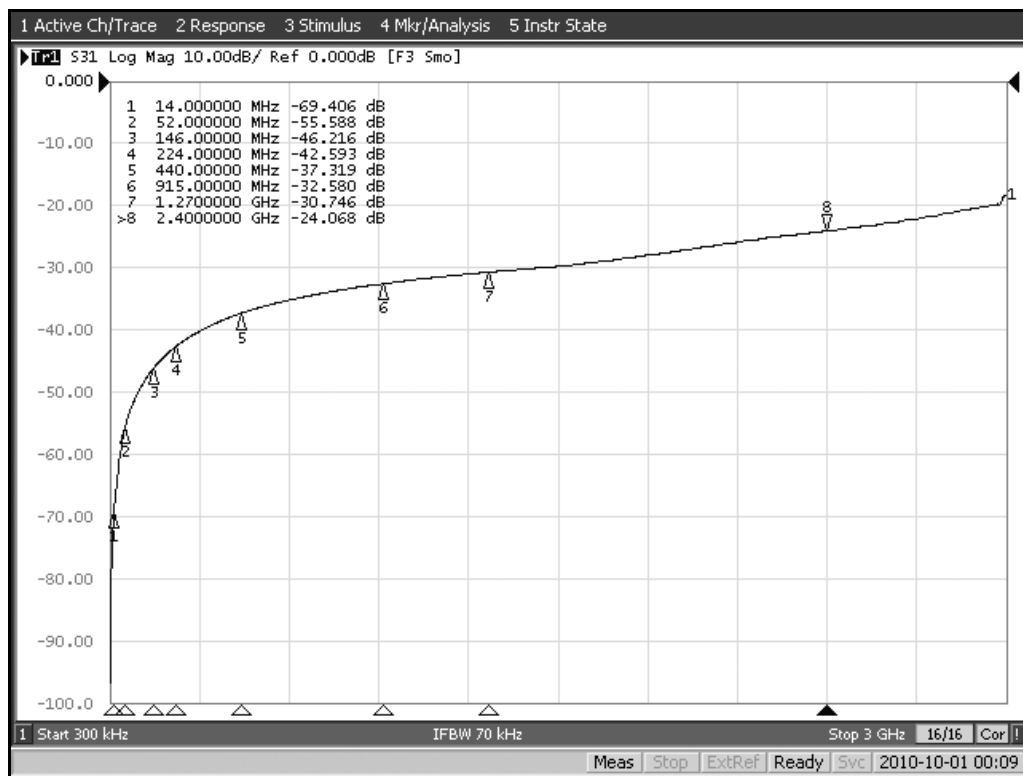


Figure 1 - Element rotated for maximum coupling

- Agilent E5070B 3-port vector network analyzer, opt 008/010/016/314/1E5, S/N MY42300753
- Agilent 85032F Type N calibration kit, S/N MY41495753
- Times Microwave SilverLine SLA06-NMNM-01.50M (qty 3)

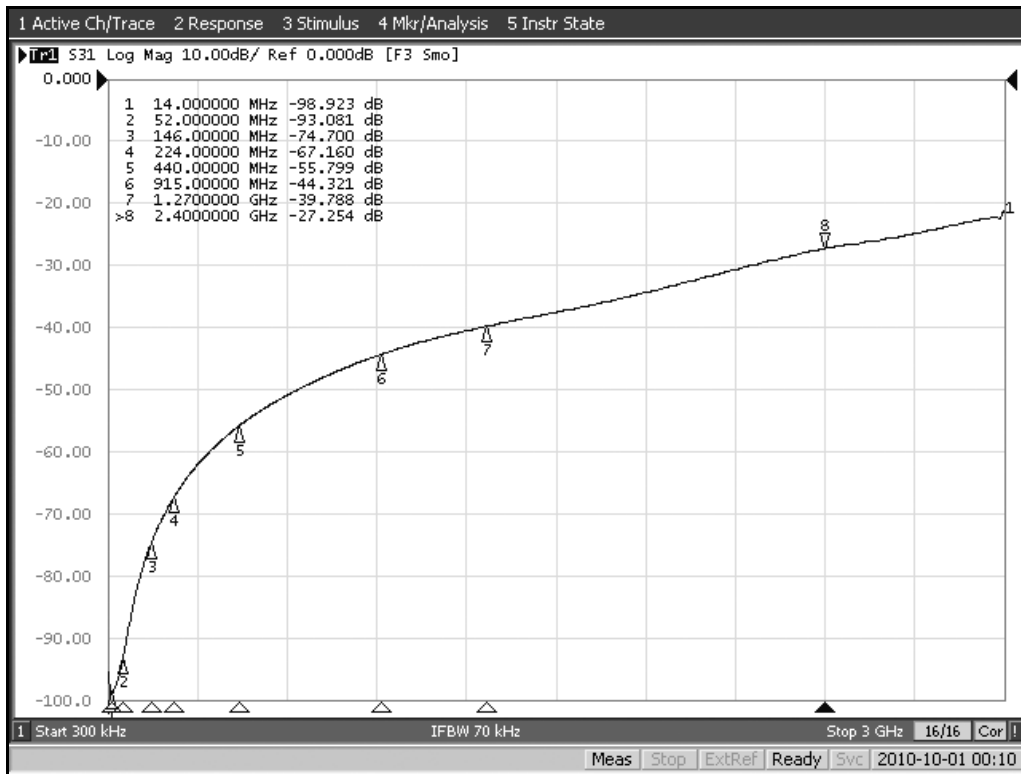


Figure 2 - Element rotated for minimum coupling

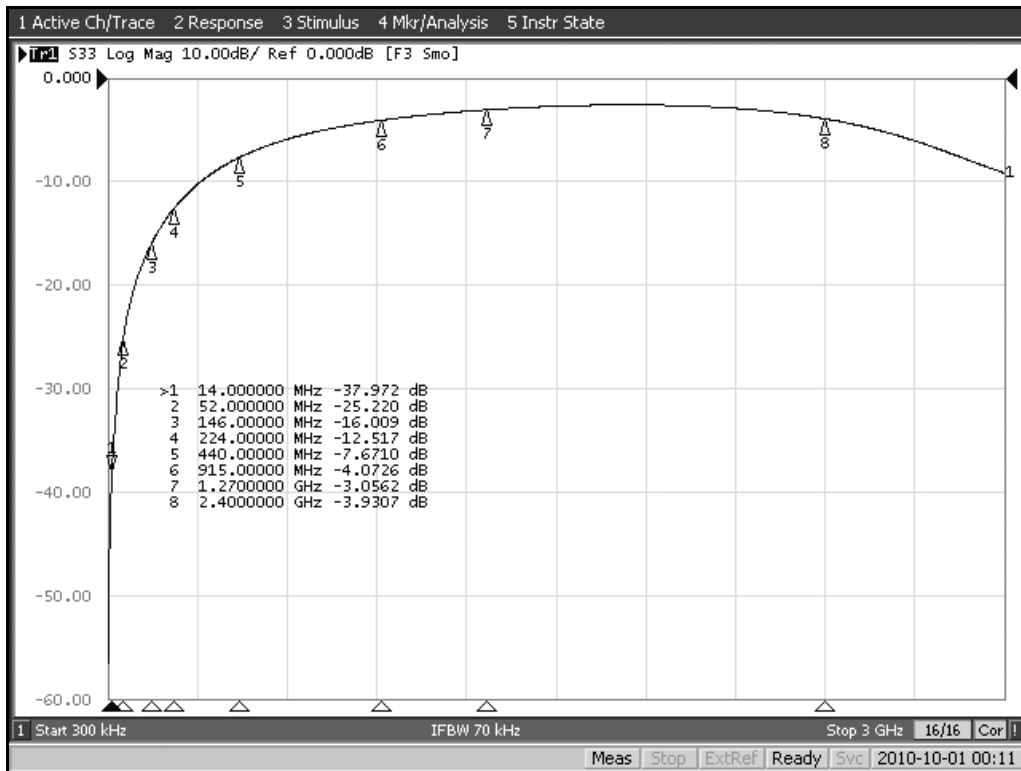


Figure 3 - Return loss

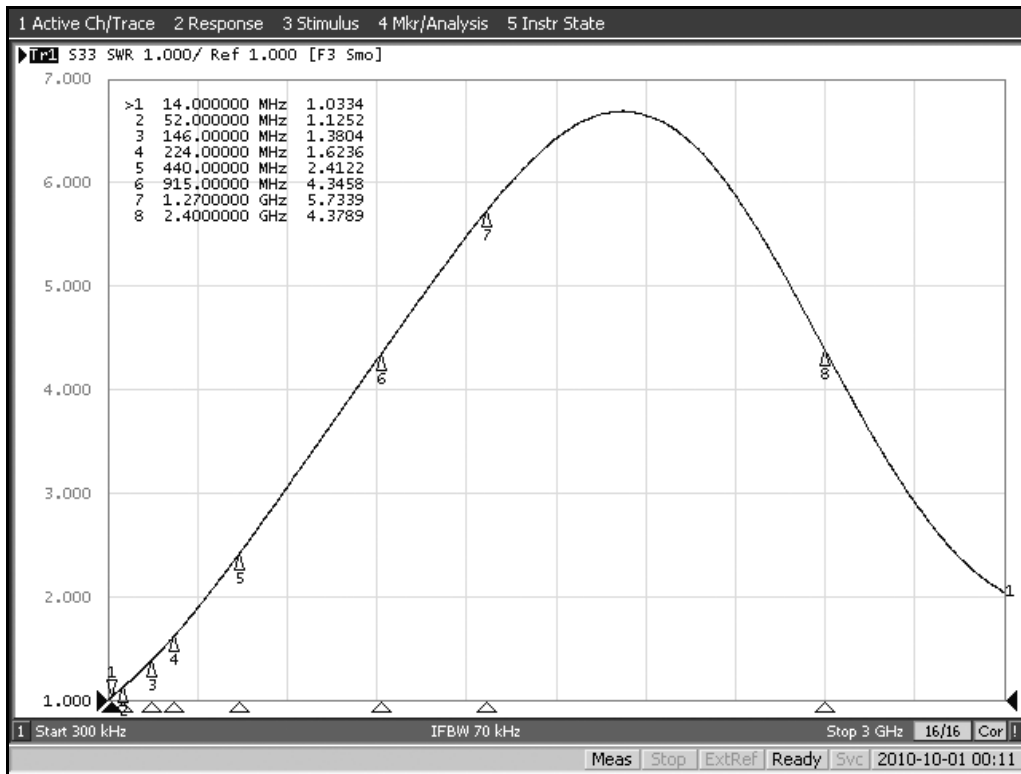


Figure 4 – VSWR

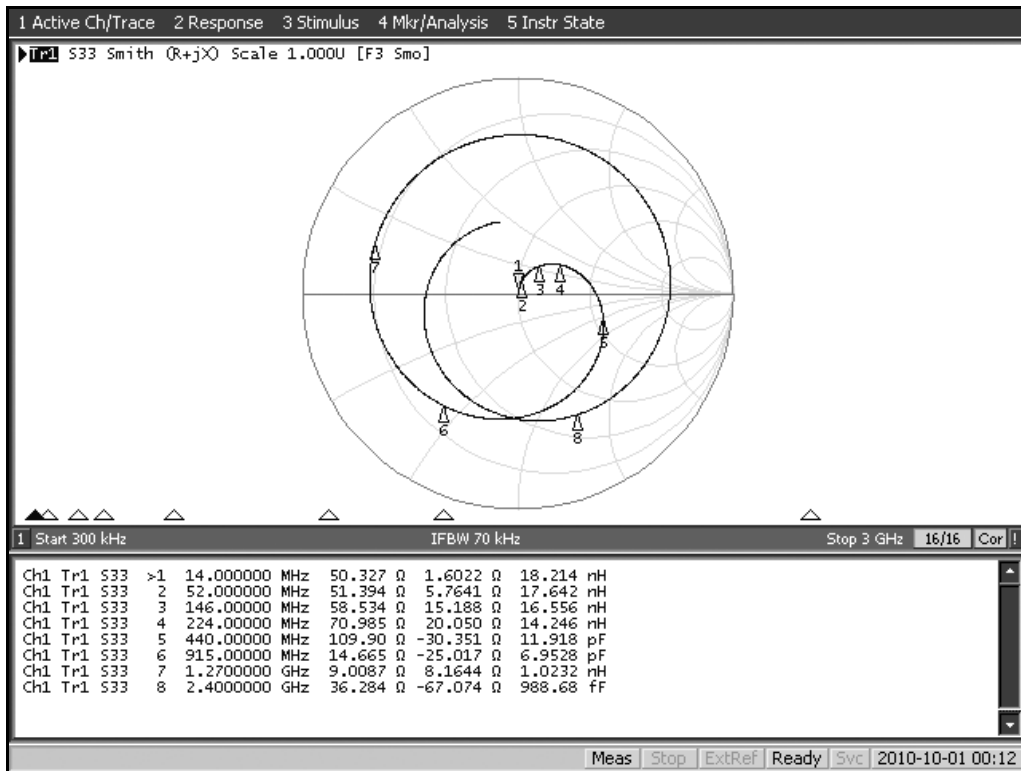


Figure 5 – Smith Chart