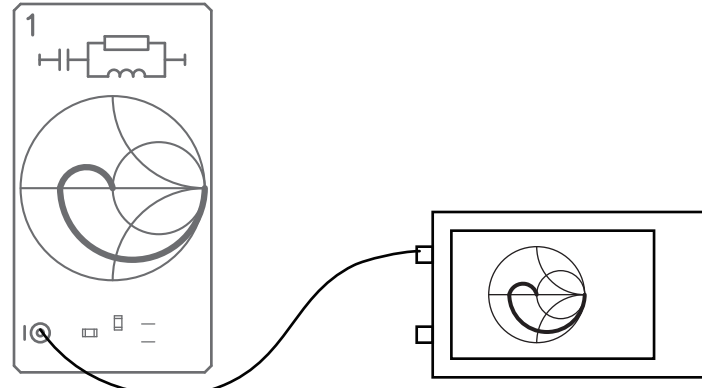
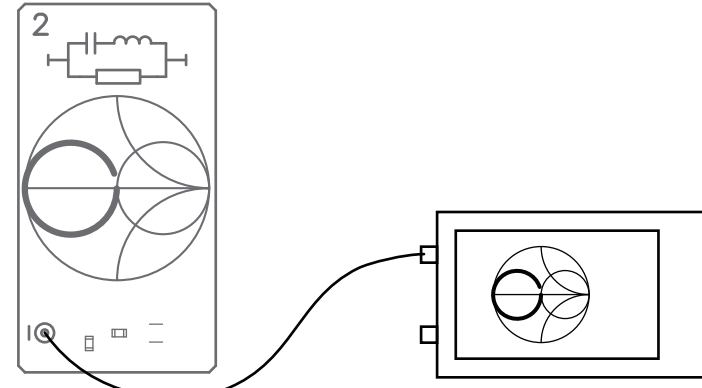


⚠ Two steps must be performed before testing:
Step 1. Connect the two 20CM SMA to IPEX adapter cables to the NanoVNA-F machine.
Step 2. Recalibrate the machine using the 13 Short, 14 Open, 15 Load, and 16 Thru circuits on the test board, and save the parameters to SAVE 0.

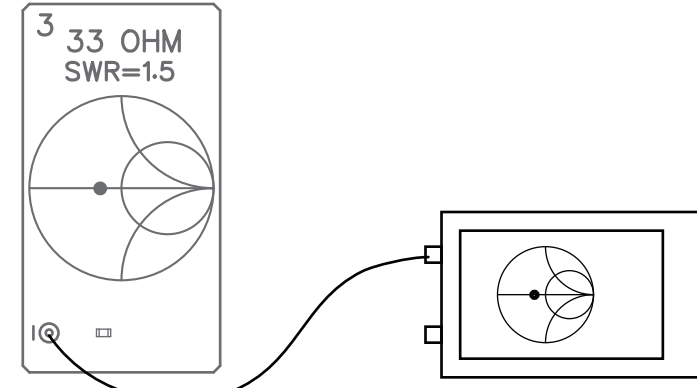
RF Demo Kit Quick start guide



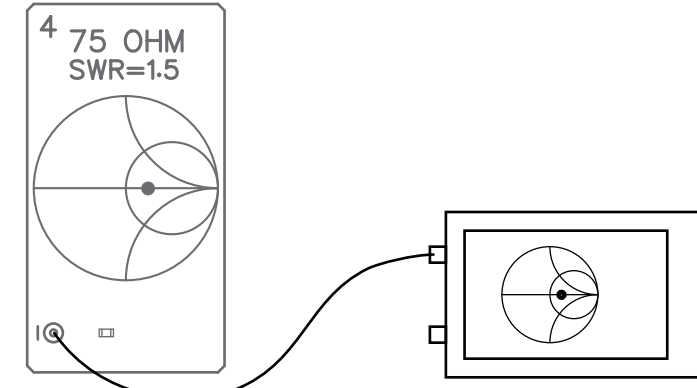
Circuit 1. RLC Series-parallel circuit
 Display S11 Smith Chart, START=50kHz, STOP=600MHz



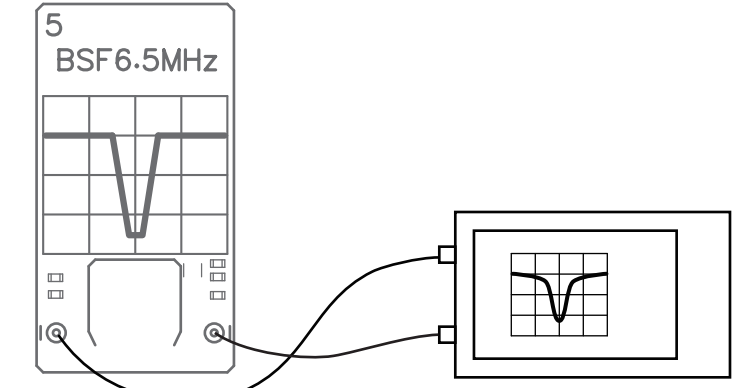
Circuit 2. RLC Series-parallel circuit
 Display S11 Smith Chart, START=50kHz, STOP=600MHz



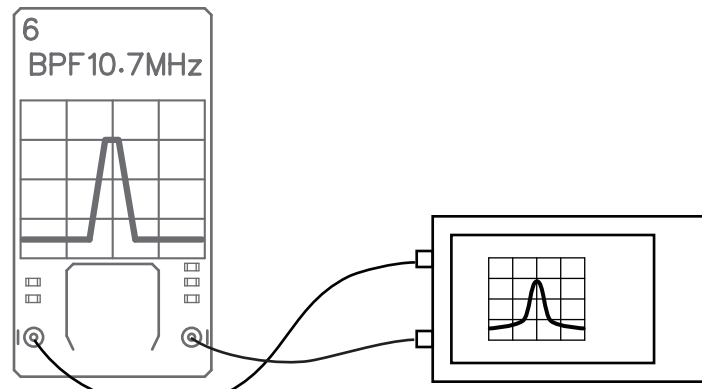
Circuit 3. 33 Ohm Resistance
 Display S11 Smith Chart & SWR, START=50kHz, STOP=1000MHz



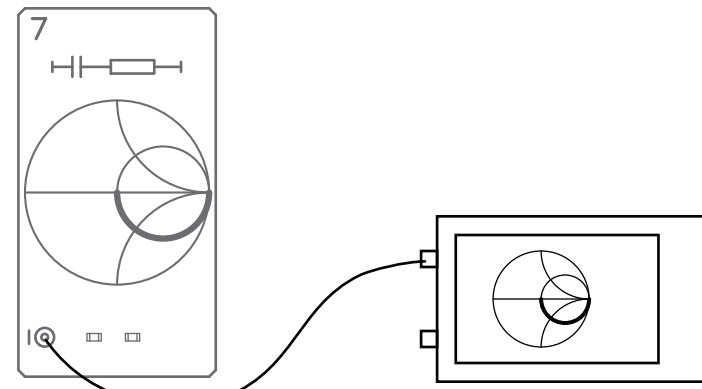
Circuit 4. 75 Ohm Resistance
 Display S11 Smith Chart & SWR, START=50kHz, STOP=1000MHz



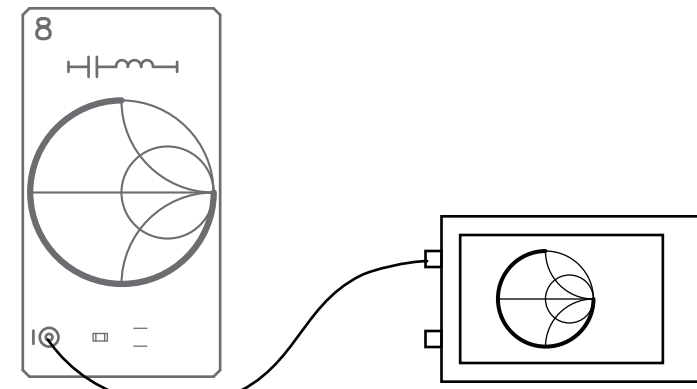
Circuit 5. 6.5MHz Ceramic Trap
 Display S21 LOGMAG, START=5.5MHz, STOP=7.5MHz



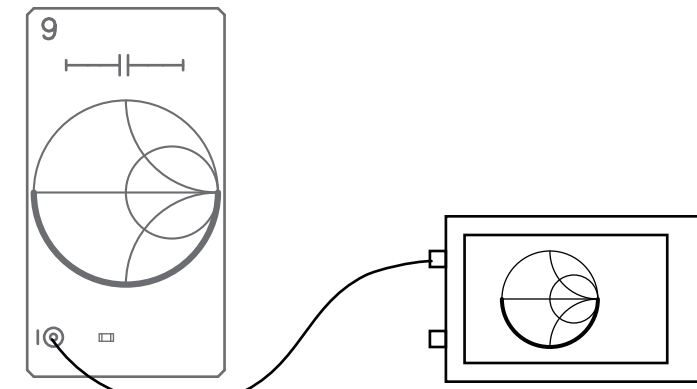
Circuit 6. 10.7MHz Ceramic filter
 Display S21 LOGMAG, START=9.7MHz, STOP=11.7MHz



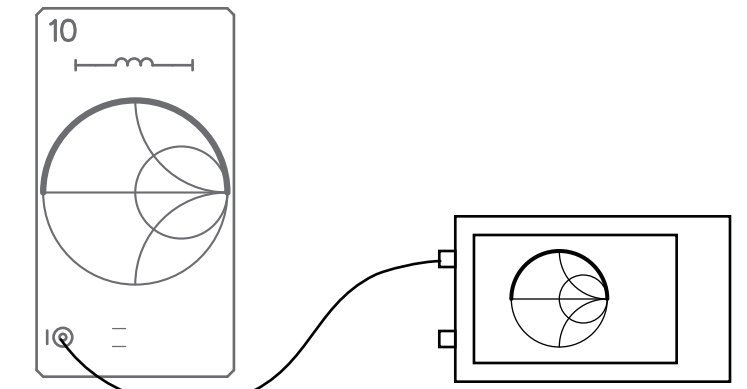
Circuit 7. RC series circuit
 Display S11 Smith Chart, START=50kHz, STOP=300MHz



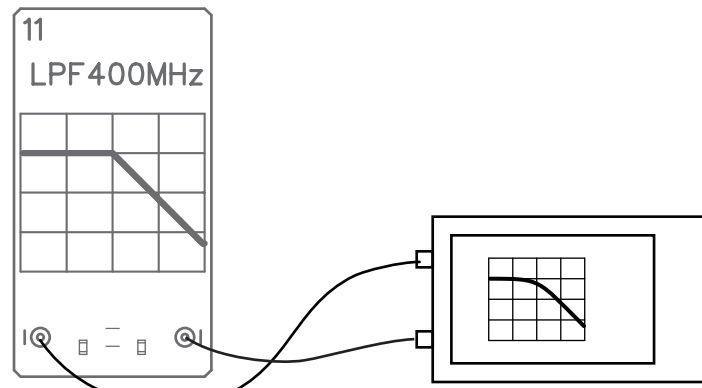
Circuit 8. LC series circuit
 Display S11 Smith Chart, START=50kHz, STOP=600MHz



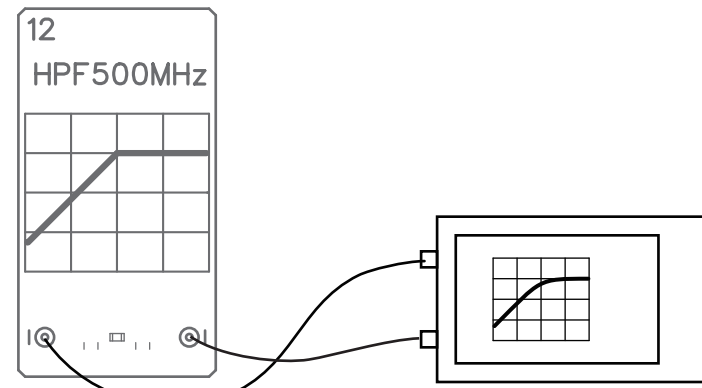
Circuit 9. Capacitance
 Display S11 Smith Chart, START=50kHz, STOP=300MHz



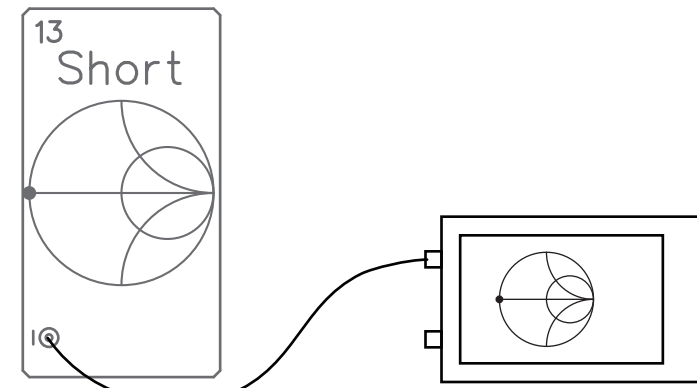
Circuit 10. Inductance
 Display S11 Smith Chart, START=50kHz, STOP=30MHz



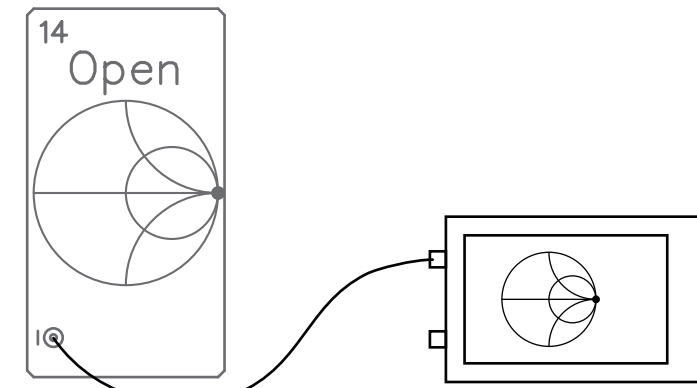
Circuit 11. 400MHz Low-pass filter
 Display S21 LOGMAG, START=100MHz, STOP=600MHz, SCALE=2dB



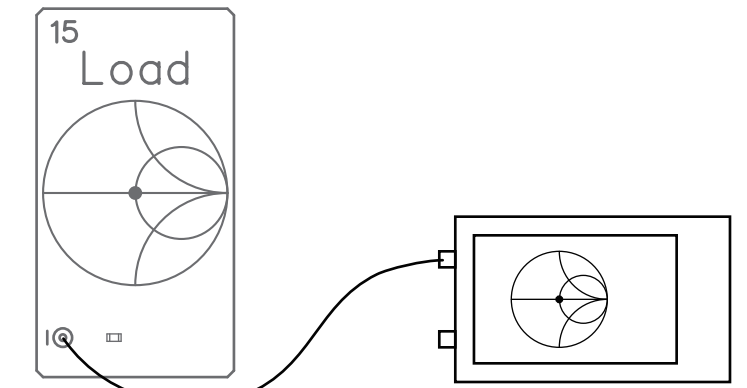
Circuit 12. 500MHz High-pass filter
 Display S21 LOGMAG, START=1MHz, STOP=1000MHz, SCALE=10dB



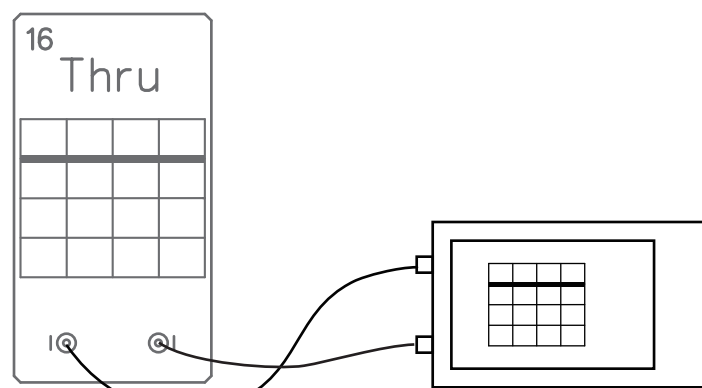
Circuit 13. Short
 Display S11 Smith Chart, START=50kHz, STOP=1000MHz



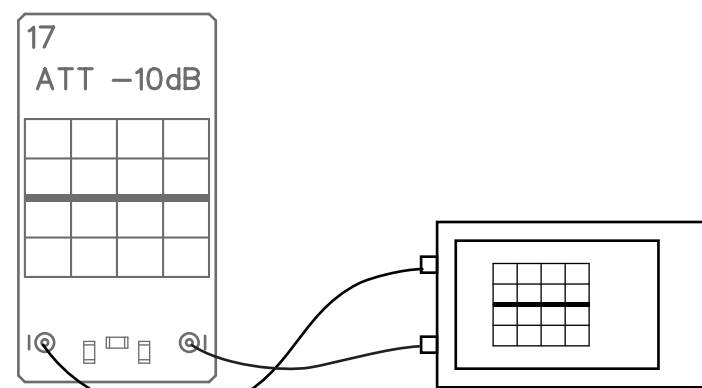
Circuit 14. Open
 Display S11 Smith Chart, START=50kHz, STOP=1000MHz



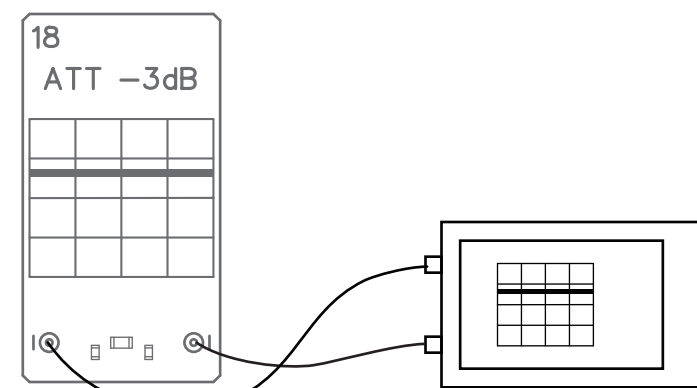
Circuit 15. 50 Ohm Load
 Display S11 Smith Chart, START=50kHz, STOP=1000MHz



Circuit 16. Thru
 Display S21 LOGMAG, START=50kHz, STOP=1000MHz



Circuit 17. 10dB Attenuation
 Display S21 LOGMAG, START=50kHz, STOP=1000MHz



Circuit 18. 3dB Attenuation
 Display S21 LOGMAG, START=50kHz, STOP=1000MHz

RF Demo Kit

For VNA Testing

More Detail : metixrf.com/products/rf-demo-kit

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