Impedance Matching

Setup:

Where you connect different Terminations, 10Ω, 100Ω, 10Ω and short. Later you connect there the stub for the next demo.

Procedure:

For the first demo, stub tuner and adjustable line may be omitted and VSWP is shown for various terminations at end of slotted line.

For the second demo, adjust oscillator frequency output and carriage tuning stub for good signal. Then adjust other tuning stub and adjustable line for VSWR=1.