

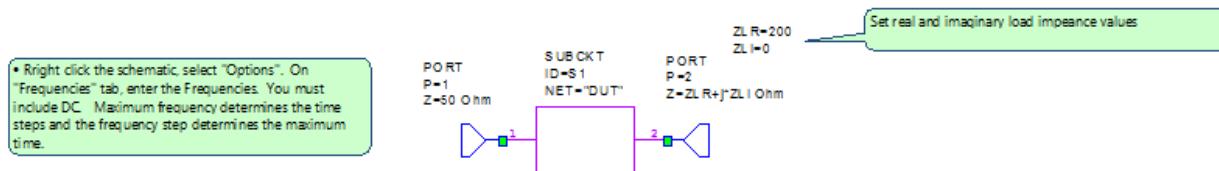
Linear_Time_Domain_Reflectometry

This test bench project shows how to calculate impedance versus time using time domain reflectometry measurements.

This test bench includes:

Schematics:

TDR_Testbench



Graphs:

- TDR Low-Pass Impulse Response
- TDR Low-Pass Step Response

Output Equations

- TDR - equations used to calculate impedance versus time from the reflection coefficient.

Convert reflection to impedance

`refl = TDR_Testbench:Re(TDR_LPS(1,1,0,1,6,0))[*]`
`impedance = 50 *(1 + refl)/(1 - refl)`

Importing the Test Bench

If you are unable to import the test bench automatically by clicking the Import test bench button above, click [How To Import Test Benches Manually](#) to do that manually.