

Figure 6: Performance of the RX Matching Structures

According to the figure 6, the RX Matching Structures are not tuned very well but the performance should be still acceptable.

3. The components of the RX Matching Structure

According to the Transmission Line Theory, the RX Matching Structures has three components, Tapered Transformer, Stepped Impedance Filter and 50 ohm Transmission Line.

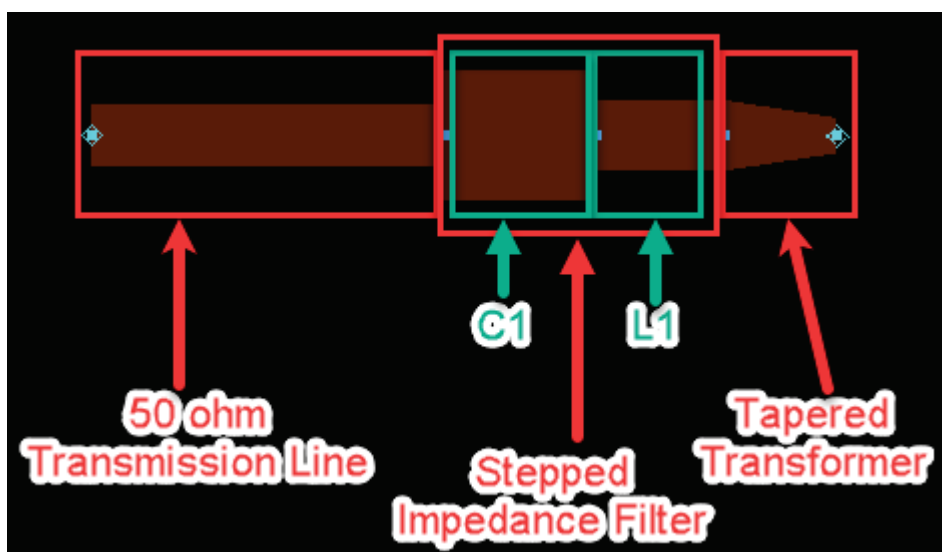


Figure 7: The components of the RX Matching Structure