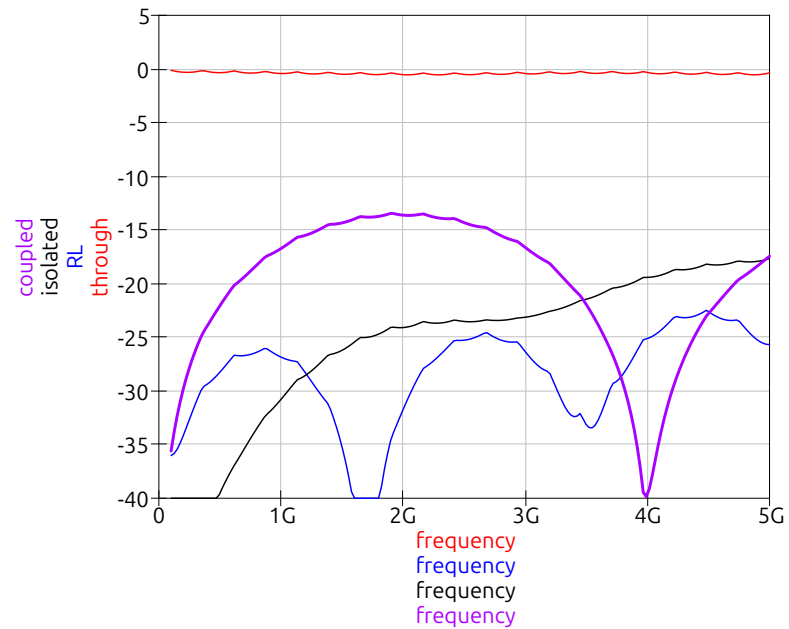


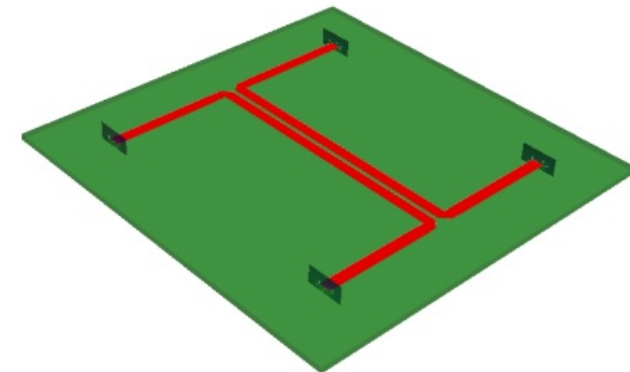
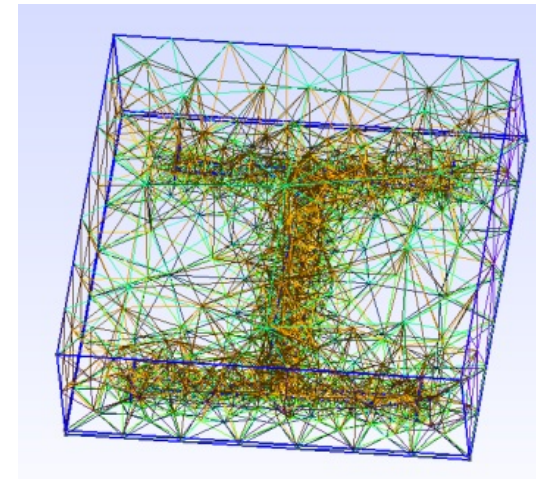
```

2025-06-25 05:33:39.361 | INFO | - Simulation Complete!
2025-06-25 05:33:39.361 | INFO | - Elapsed time = 159.29 seconds.
Coupling at center frequency: -14.8 dB
Isolation at center frequency: -23.6 dB
Writing Coupler_15dB_EMerge.s4p
Total simulation time: 159.30 seconds
  
```



Equation

Eqn1
 $RL = dB(S[1,1])$
 $through = dB(S[2,1])$
 $coupled = dB(S[3,1])$
 $isolated = dB(S[4,1])$



15 dB MS Coupler: EMerge results	
Drawn By: Andrés Martínez Mera	
Date: Jun 25th, 2025	Revision: