

Test results of Band Pass Filter

Test by Hyo-Soon Kang

Company: K&L

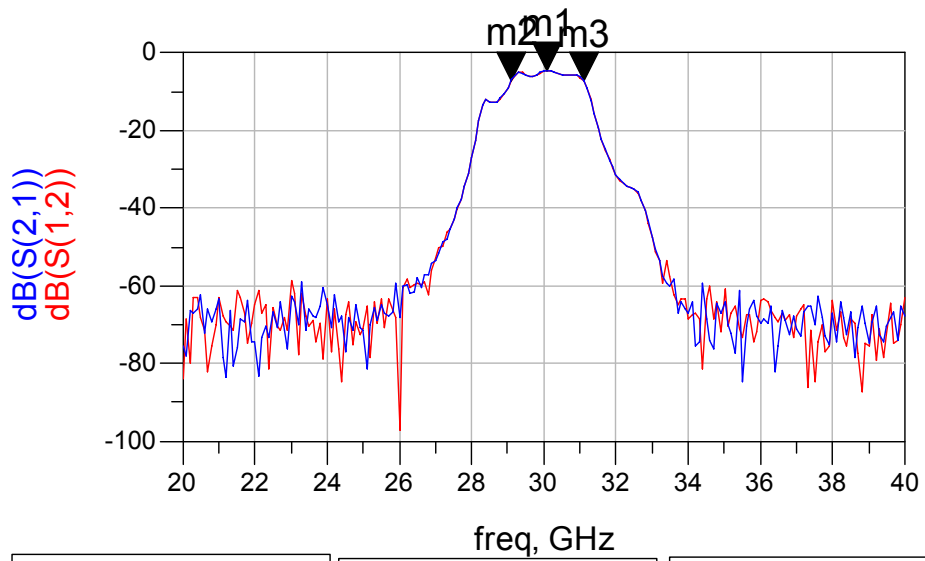
Model: 3C60-30000

Experimental setup

- E8394A PNA Network Analyzer
- Power: -15dBm
- E-calibration
- Only two K-to-V adapters are not calibrated

Summary of results

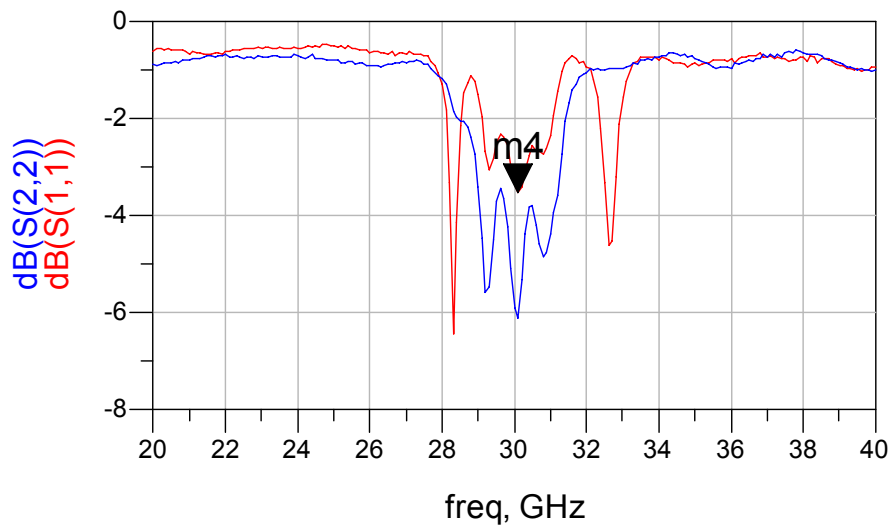
- Pass band: 29.1GHz ~ 31.1GHz
- Bandwidth: 2GHz
- Center frequency: 30.1GHz
- $Q = 30.1/2 = 15.05$
- Insertion loss: 4.6 dB



m2
 freq=29.10GHz
 dB(S(1,2))=-7.155

m1
 freq=30.10GHz
 dB(S(1,2))=-4.624

m3
 freq=31.10GHz
 dB(S(1,2))=-7.354



m4
 freq=30.10GHz
 dB(S(1,1))=-3.546