

Test results of Band Pass Filter

Test by Hyo-Soon Kang

Company: Qinstar

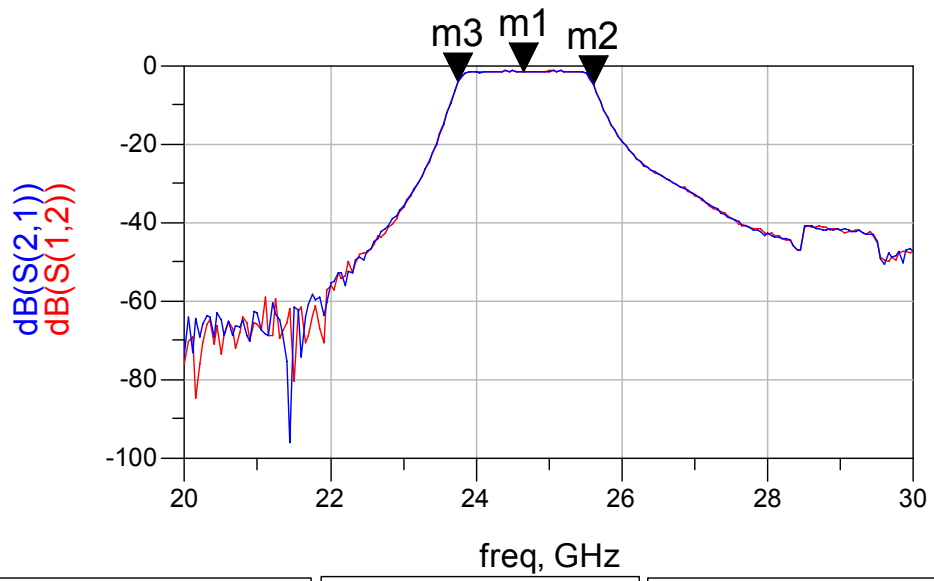
Model: QFB-2502K0

Experimental setup

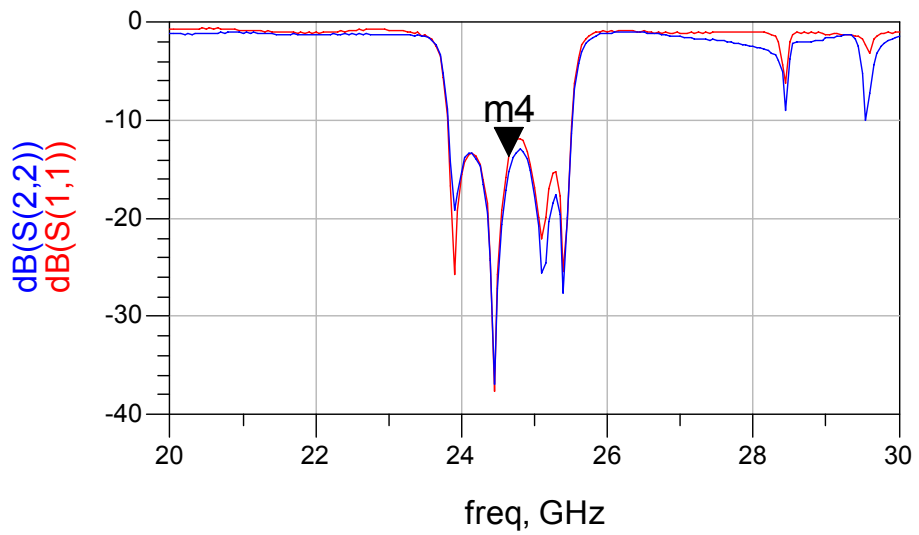
- E8394A PNA Network Analyzer
- Power: -15dBm
- E-calibration
- Only two K-to-V adapters are not calibrated

Summary of results

- Pass band: 23.75GHz ~ 25.60GHz
- Bandwidth: 1.85GHz
- Center frequency: 24.65GHz
- $Q = 24.65/1.85 = 13.3$
- Insertion loss: 1.5 dB



m3 freq=23.75GHz dB(S(1,2))=-4.101	m1 freq=24.65GHz dB(S(1,2))=-1.535	m2 freq=25.60GHz dB(S(1,2))=-4.901
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m4 freq=24.65GHz dB(S(1,1))=-13.713
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