

Mode Conversion Measurement on Automotive Connecting Hardware

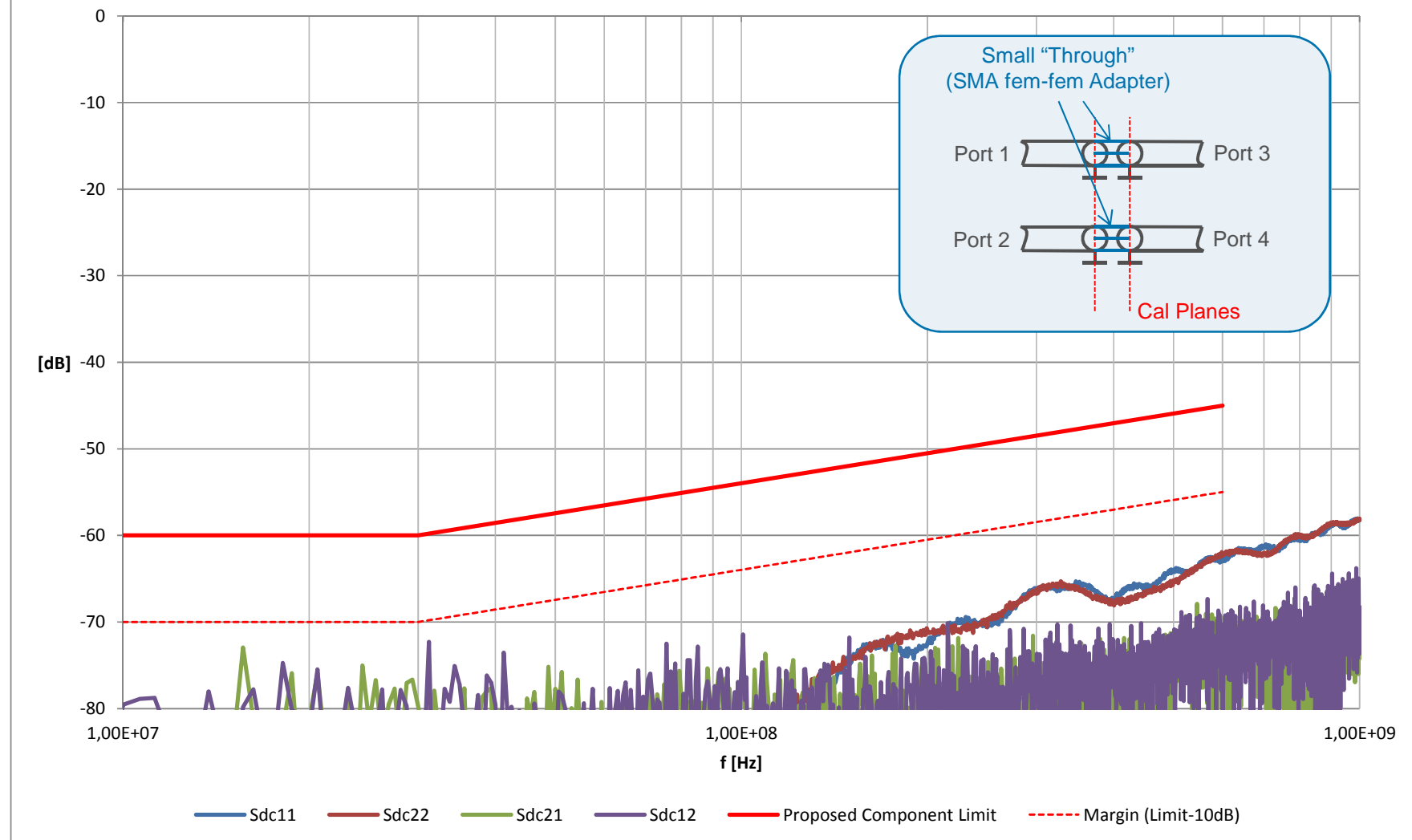
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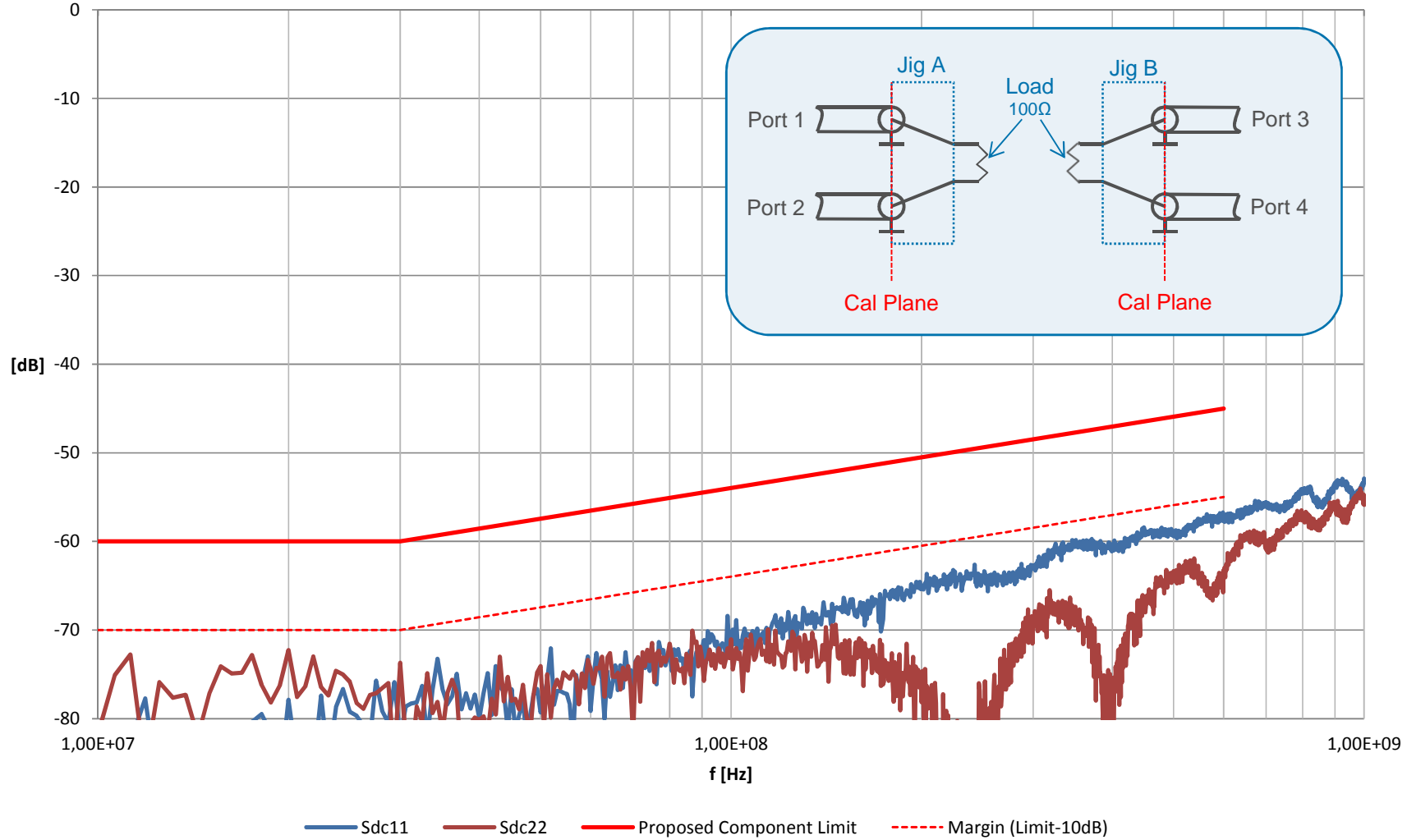
Supporter:



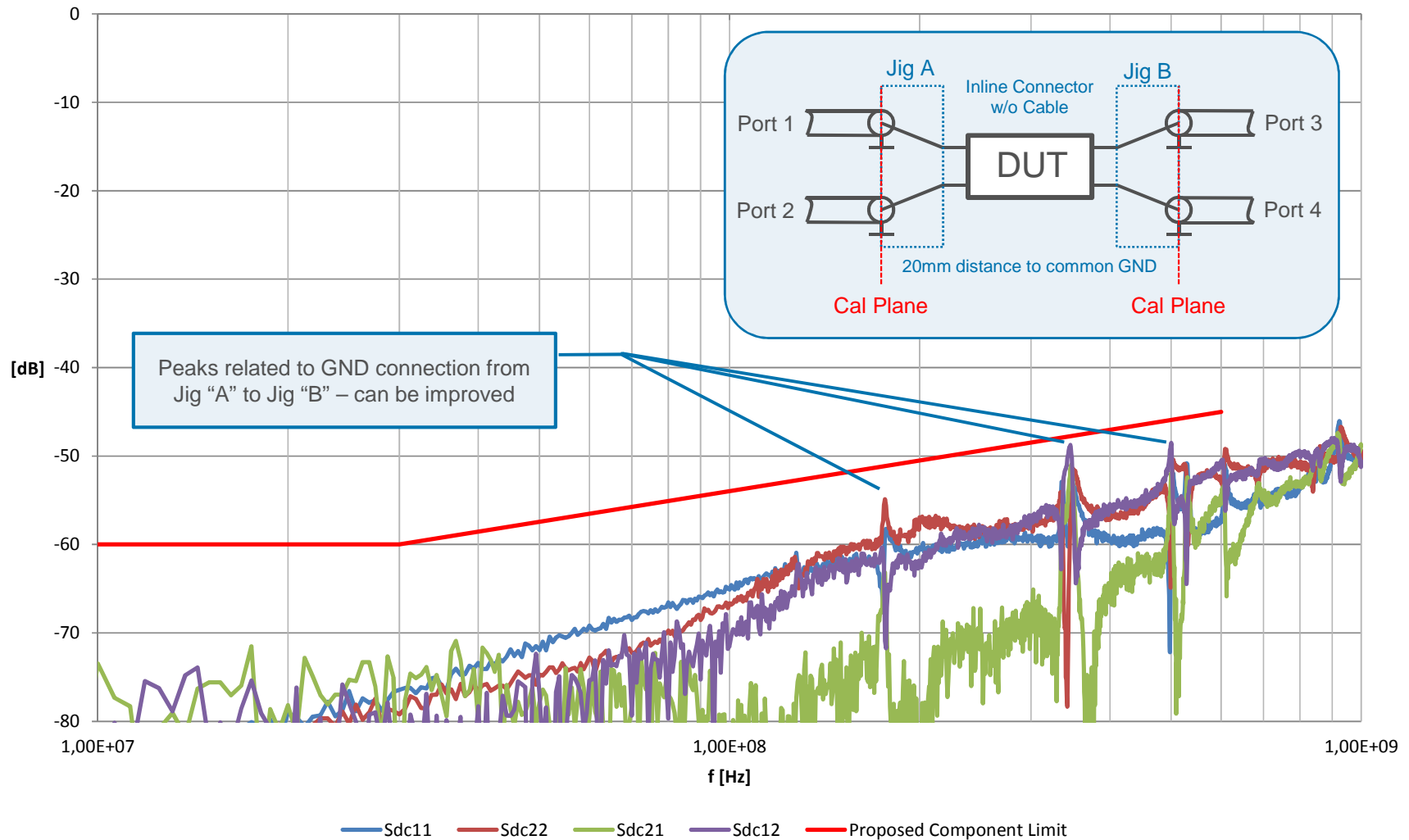
Calibration Noise Floor: NA + Test Cables, w/o Jigs



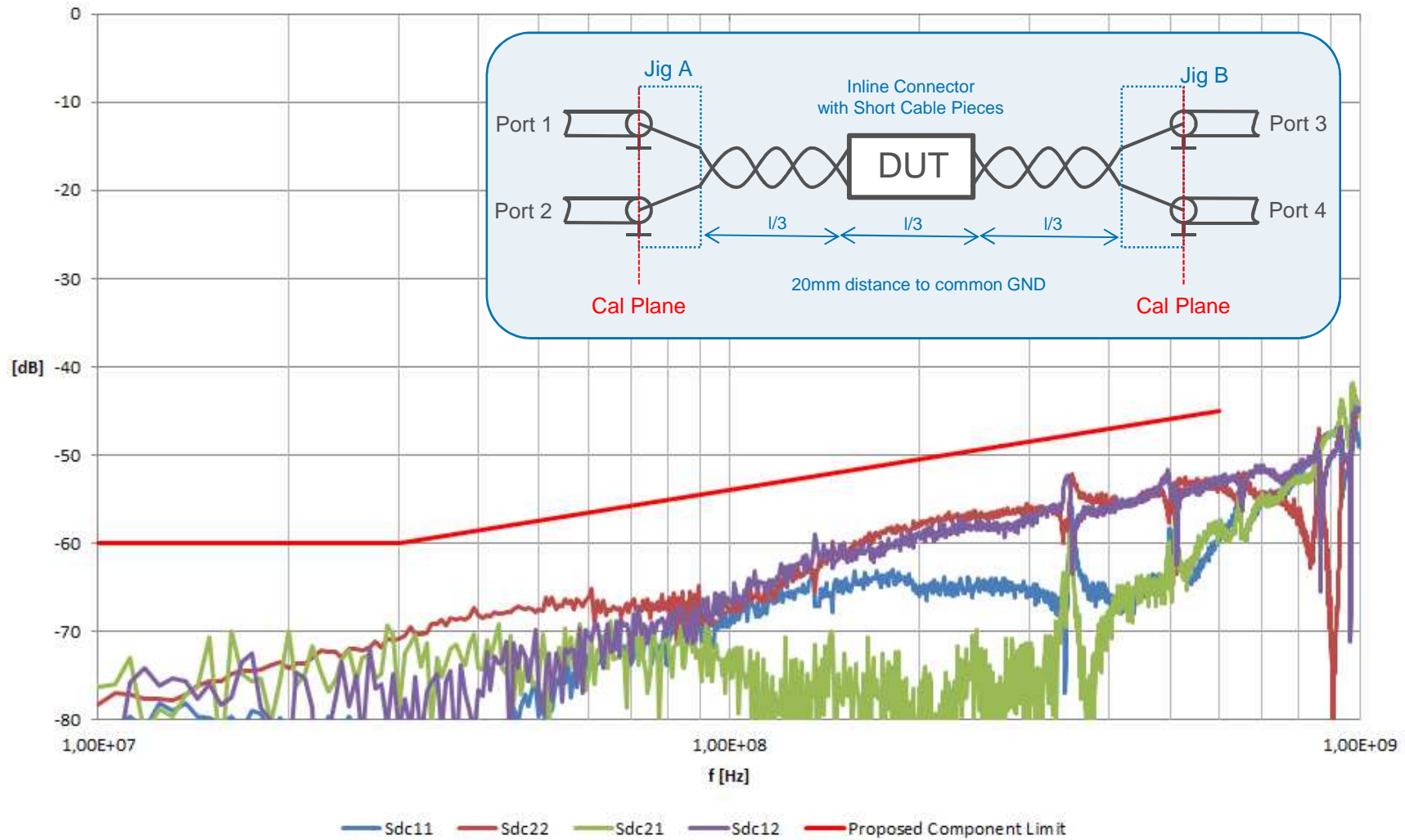
Calibration Noise Floor: NA + Test Cables + Jigs



Inline Connector w/o Cable



Inline Connector with Short Cable



Conclusion

- VNA calibration can be done with sufficient accuracy
- Jigs and setup suitable – improvement still possible
- Proposed mode conversion component limit line achievable with automotive connecting hardware