



Rosenberger

802.3ch coupling attenuation measurement results

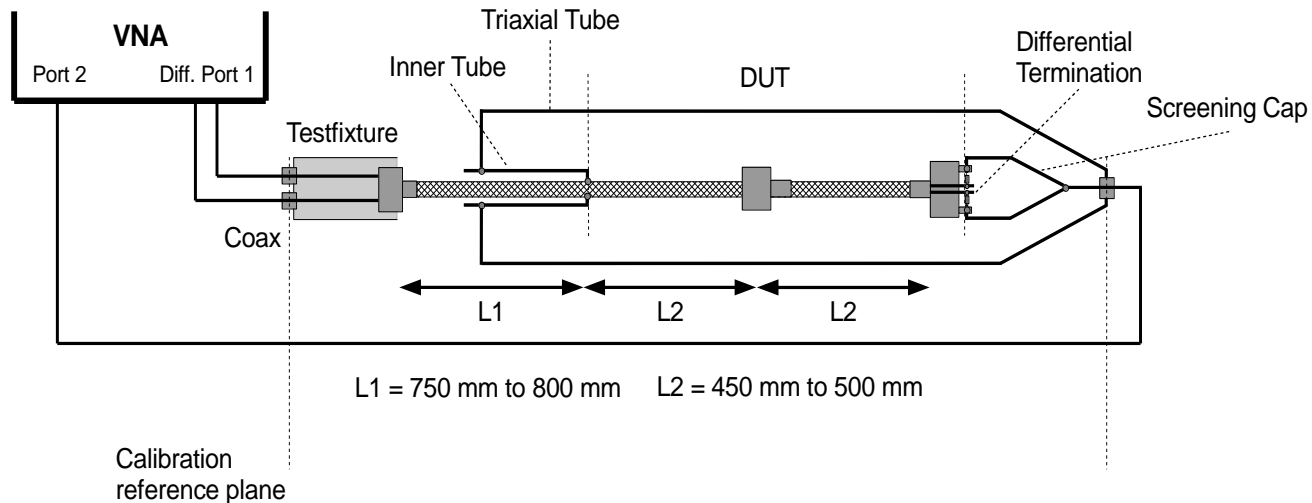
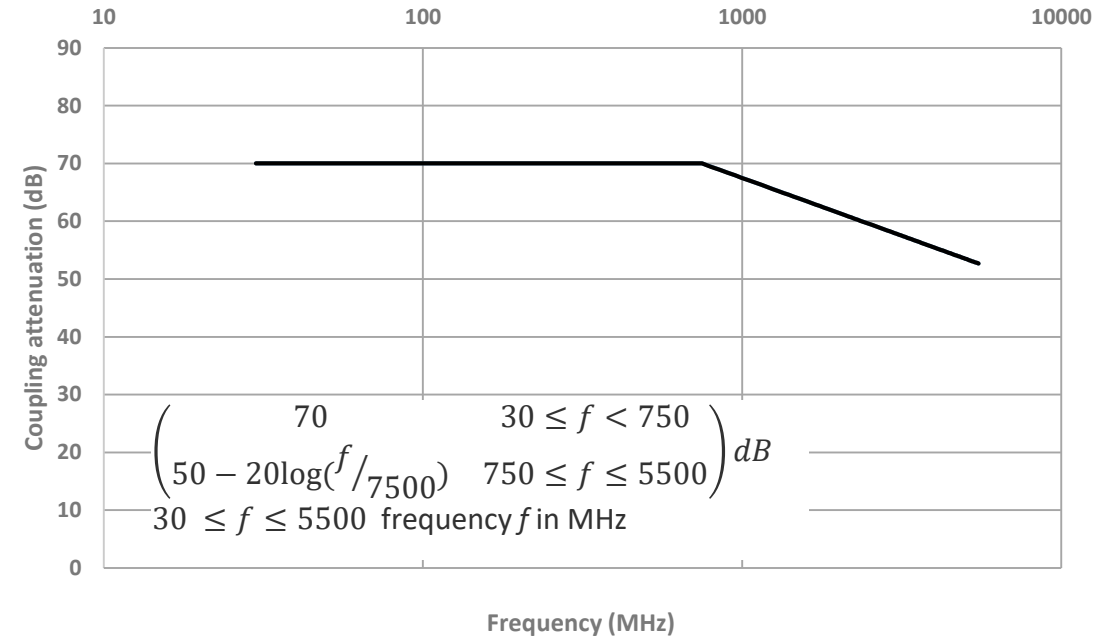
Thomas Müller

13th of June 2018

802.3ch channel performance

Channel coupling attenuation measurement results

- The adopted baseline is as on the right side
- Data for cable and connector as component was presented, but not for the reference assembly
- Therefore the reference assembly was measured as follows



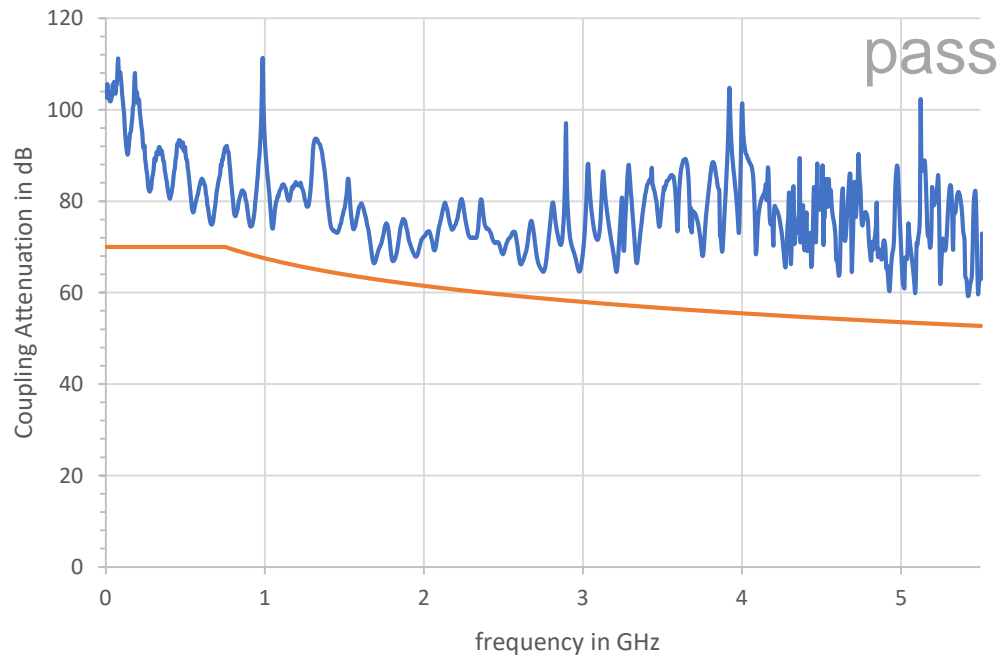
802.3ch channel performance

Channel coupling attenuation measurement results

- Measurement results for reference assemblies

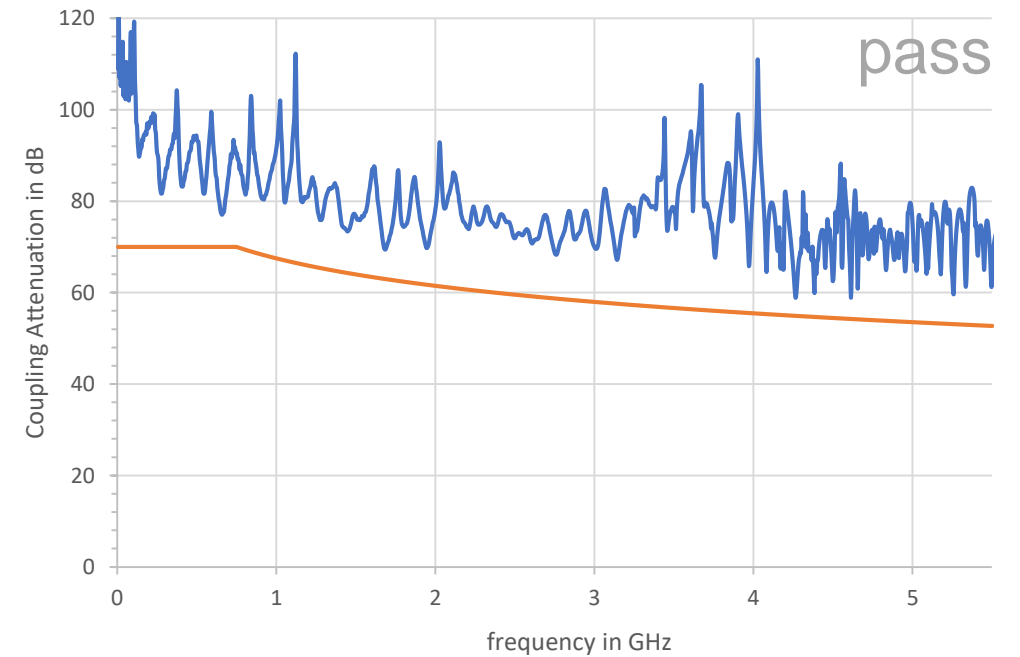
Connector type 1
Cable type 1

Coupling Attenuation



Connector type 1
Cable type 2

Coupling Attenuation



802.3ch channel performance

Channel coupling attenuation measurement results

- Summary

The baseline for coupling attenuation can be fulfilled by the reference assembly with existing automotive connectors and cables