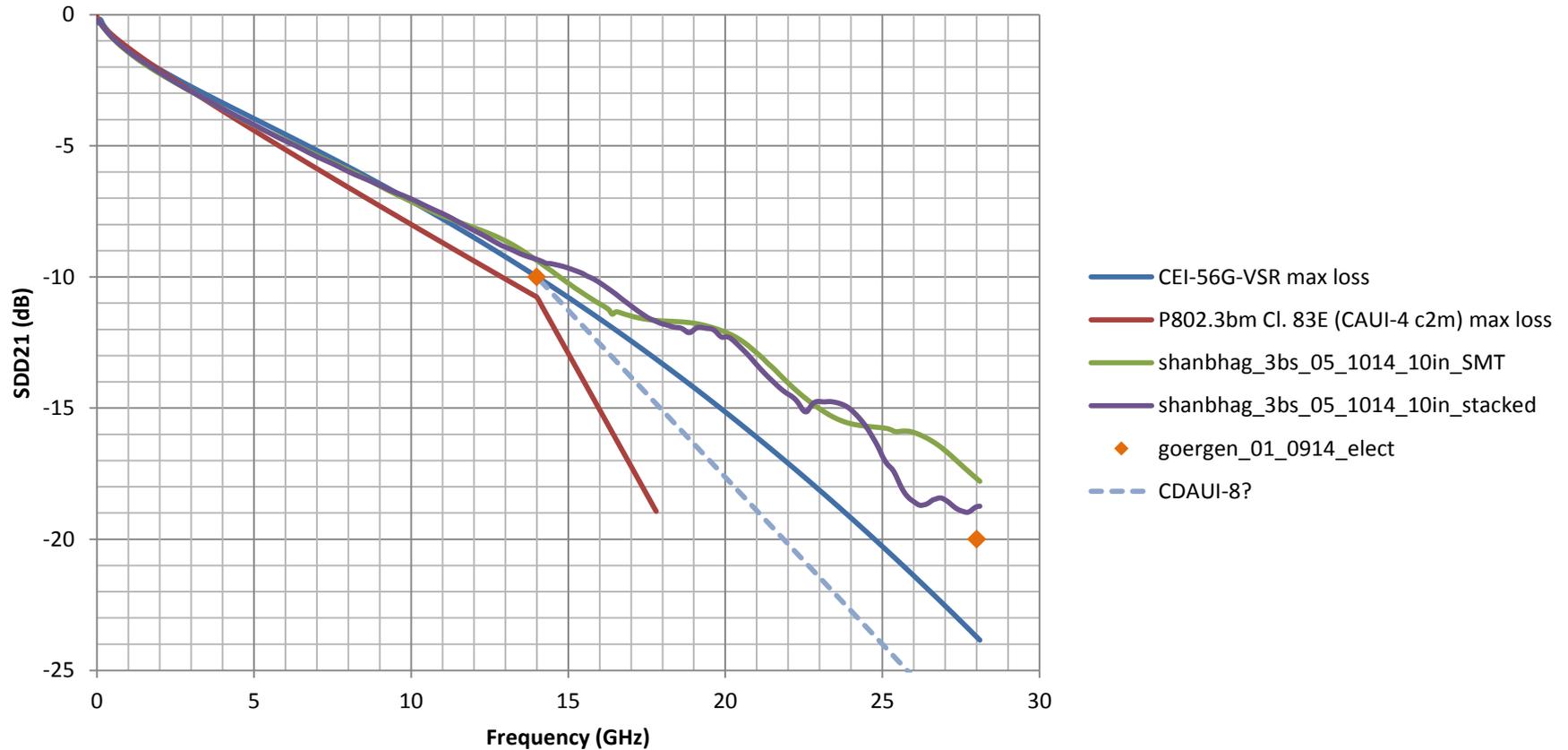


Thoughts on 50G c2m channels

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CDAUI-8 c2m Channel Insertion Loss

- goergen_01_0914_elect considers IL of 10dB@14GHz and 20dB@28GHz
- New data for 10" channels suggests more margin needed above ~20GHz
- How much margin is appropriate?



Conclusions

- Below 14GHz:
 - CAUI-4 c2m and CEI-56G-VSR max losses are consistent with 10dB loss @ 14GHz
 - Either curve could be proposed for CDAUI-8
- Above 14GHz:
 - Extending CAUI-4 c2m loss to ~20dB @ 28GHz does not appear to provide sufficient margin
 - Loss target should consider measured channels using 50G, 8-lane connectors, when available