COMMENT #101 Limit for Cable Assembly Diff-to-Common RL

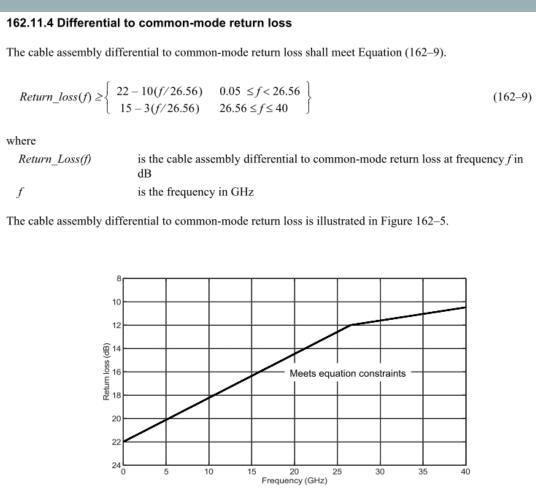
Bruce Champion, TE

Overview

- Comment Overview
- Issues with existing limit
- Proposed limit
- Questions

Comment Overview

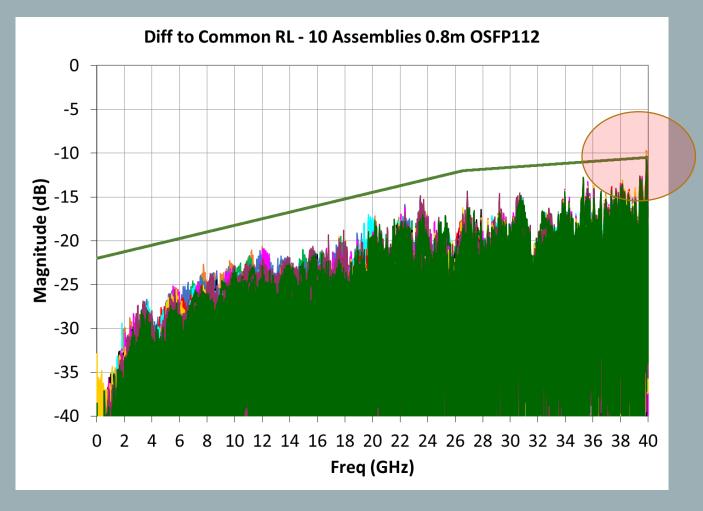
- Comment addresses issues with existing limit expressed in equation 162-9 concerning cable assembly differential to common-mode return loss





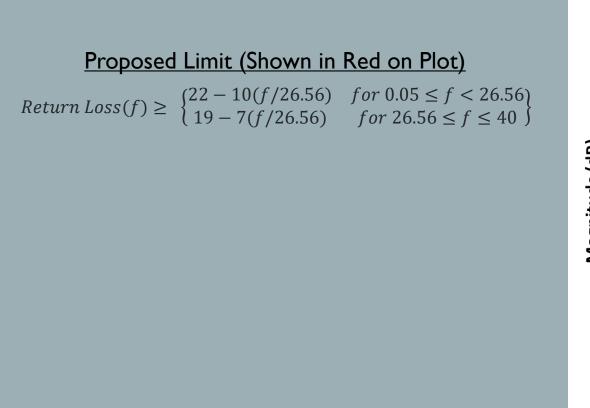
Issues with Existing Limit

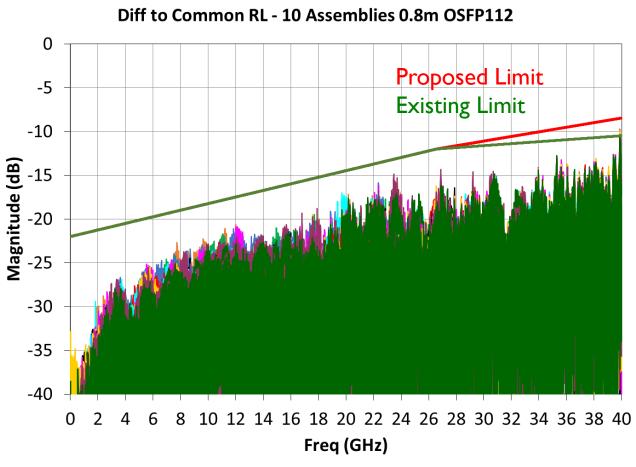
- Existing limit is too tight for high-volume production testing
- Production testing will have some testing artifacts due to constant use of MCBs and test points
- Minor issues like this should not be causing assemblies to fail



Proposed Limit

- Proposed limit adds some extra margin at the higher frequencies to account for some minor wear on module compliance boards during high-volume production





Summary

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