

Minutes IEEE 802.3bp EMC Ad Hoc Conference Call August 20, 2013

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Conference Call August 20, 2013

Time 09:00AM PST – 10:30AM PST

802.3bp EMC Ad Hoc Co-chairs: Mehmet Tazebay, Stefan Buntz,

Agenda for the 802.3bp EMC Ad Hoc Conference Call

1. Opening & Patent Policy Review
2. Objective of the conference call (Mehmet Tazebay, Stefan Buntz)
3. Presentation: Mode Conversion Limit Line Discussion (Mehmet Tazebay)
4. Update for other efforts
5. Discussions, Questions & Next Steps
6. Closure of the call

A. Participants

Stefan Buntz, Mehmet Tazebay, Benson Huang, Gary Yurko, Jens Wuelfing, Meng Zeng, Rich Boyer, Sasha Babenko, Shaoan Dai, Sujan Pandey, Thomas Muller, Todd Herman, Zhenzhong Gu, Bert Bergner, David Brandt, Michael Ressler, Peter Wu, Theo Brillart, Tom Brown, Nirmal Warke.

B. Summary of Discussions

- Review of patent policy
- The group reviewed the status of the EMC Ad Hoc and discussed the proposed mode conversion limit line. The proposed limit line was driven from CISPR 25 Stripline emission test setup and ISO 11452-4 BCI setups. These standard-based setups clearly call for 1m, 2m DUTs (cable, connector and etc). Their test limits are determined by and correlated to real life automotive EMC noise environment.
- There are commercially available UTP cables which meet the proposed limit lines. The connector manufacturers mentioned that the proposed limit line is tough but attainable. They've mentioned that this is not a valid statement for all of the current connectors.
- We need to extend the component level mode conversion levels to the RTPGE link segment objective.

C. Status of action points

#	Description of Action	Responsible	Status
1	Feedback on Mode Conversion Limit Line	Task Group members	Open
2	Feedback on EMC Test Methodology	Task Group members	Open
3	Other topics?		

D. The call was closed at 10:05am PST