

Minutes IEEE RTPGE EMC Ad Hoc Conference Call November 7th 2012

Document status: Agenda

Conference Call November 7, 2012

Time 9:00 PST – 10 PST

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

Agenda of the RTPGE EMC Ad Hoc Meeting

1. Opening
2. Minutes of last TC meeting
3. Objective of the conference call (Mehmet Tazebay, Stefan Buntz)
4. EMC Channel Analysis Framework (Mehmet Tazebay)
5. MDI Jig Proposal for EMC testing (Richard Mei)
6. EMC Simulation Model Proposal (Stefan Buntz)
7. Discussions & Questions
8. Closure of the call

1. Summary of Discussions

Intention to work together for defining

- a. Parameters for EMC framework
 - b. MDI jig for EMC testing
 - c. Test methodology (robust & repeatable)
 - d. Developing a simulation model
- There were discussions were centered around the relevant method for testing & characterizing the EMC channel. A framework and definition of relevant parameters is essential.
 - The coupling noise source is critical and needs to be defined as well.
 - One critical objective is to accurately quantify the input referred noise for the PHY.
 - The channel and EMC ad hoc need to work together as their results effect each other.
 - Next steps will be discussed in November 2012 IEEE meeting in San Antonio.

2. Status of action points

| # | Description of Action | Responsible | Status |
|---|--------------------------------------|---------------------------|--------|
| 1 | Feedback on EMC Parameters Framework | EMC ad hoc group | Open |
| 2 | MDI Jig definition for EMC testing | Mehmet, Neven, Richard | Open |
| 3 | Test methodology | To be discussed in ad hoc | Open |

3. The call was closed at 10:00 PST.