



---

# Channel Model Ad Hoc: Agenda and General Information

Channel Model Ad Hoc Teleconference  
2005 September 27

Charles Moore  
SPG of Agilent Technologies  
[charles\\_moore@agilent.com](mailto:charles_moore@agilent.com)



---

If you are present on today's call, please send me an e-mail indicating your attendance.



# Schedule of Events

---

## Teleconference:

- ♦ Wednesday, September 28 (3PM EDT)
- ♦ Wednesday, October 12 (3PM EDT)
- ♦ Wednesday, October 26 (3PM EDT)

Deadline for requests for presentation time.

- ♦ Wednesday, November 9 (midnight EST)

IEEE802.3ap taskforce only meeting Vancouver, BC

- ♦ Sunday November 13

IEEE802.3 Plenary Meeting Vancouver, BC

- ♦ Sunday November 13-Friday November 18



# Meeting Agenda

---

## New business

- ♦ Crosstalk specification: replies to comments 105, 128, and 300 (see following pages)
- ♦ Will we want to discuss channel return loss?
- ♦ Will we want to discuss Interference Tolerance?



# Comment 105

---

*Cl* **69A**      *SC* **69A.3.3.5**      *P* **59**      *L* **11**      # **105**

Moore, Charles

*Comment Type*    **TR**      *Comment Status*    **X**

ICR spec is largely guesswork. We should tie the spec to the Receiver Interference Tolerance test. I will present on this at the September meeting.

*Suggested Remedy*

Will provide text and diagrams if needed as part of presentation.

*Proposed Response*      *Response Status*    **O**



# Comment 128

---

CI 69 SC 69.3.3.5.4 P 59 L 18 # 128

John, D'Ambrosia

*Comment Type* **TR**

use of calculated ICR increases ambiguity of informative channel model results. See dambrosia\_01\_005 for reference.

*Suggested Remedy*

Use log fit of calculated ICR to compare against equation 69-20

See dambrosia\_01\_0705 for reference.

See dambrosia contribution for September Interim

*Proposed Response*

*Comment Status* **X**

*Response Status* **O**



# Comment 300

---

CI 69 SC 69.3.3.5.4 P 59 L 23 # 300

Abler, Joe

*Comment Type T*

ICR for KX and KX4 is specified to 2x the fundamental frequency, whereas the spec for KR doesn't even extend to 1x it's fundamental. This doesn't make much sense given the impact of crosstalk at higher operating ranges.

*Suggested Remedy*

Extend the range for KR ICR to 6000MHz. This would have all 3 specs consistently set relative to their IL f2 parameter. Alternatively, set all 3 specs to their relative fundamental frequency (625MHz for KX, 1.5625GHz for KX4, 5.15625GHz for KR).

*Proposed Response*

*Comment Status X*

*Response Status O*

*channel\_icr*