Meeting Minutes

Group: IEEE P802.3bn Channel Model Ad Hoc committee.

Event: Teleconference

Date: 29 Nov 2012 from 5:30 PM to 6:30 PM EST

Recorded by Duane Remein

Summary: The participants reviewed the parameter list and outlined a plan to update it with basic values.

Opening

The group reviewed the agenda.

The group reviewed IEEE Patent Policy and a Call for Patents was made, no responses were received.

Parameter List

The parameter list was reviewed.
It was suggested that the parametric values for the channel model tables be delivered in phases with an objective of delivering the most important parameters (SNR & Reflections at a minimum) on or before the January Task Force meeting. Later deliveries could then complete the model and make minor refinements to already proposed values.
It was also suggested that the table developed by Hal Roberts and Rob Howald be rationalized. For example it was suggested that the headings be aligned to the "Good", "Typical", and "Limit" format in Rob's tables.
Three topology models were proposed as a starting point: Node +0 or "Last Amp", Node +3 with digital distribution of the EPoC optical signal and Node +3 with Analogue distribution of the EPoC RF signal. It was suggested that these topologies be reviewed and compared to topologies previously presented to the Task Force. It was requested that MSO's provide input on a number of topology parameters including the following (note not all parameters are applicable to every topology):

1) Optical reach of HFC networks
2) Optical reach of EPON networks
3) Channel loading of HFC networks (can all digital be assumed?)
4) Amplifier spacing; typical and max.
   example: typical ≤ 800 ft. maximum ≤ 1500 ft.
5) Feeder cable types
6) Drop Cable types & reach
7) …

Action Items

No new action items were taken.

Item	Date	Assigned to	Status	Description	Response/Update
7	121010	D Remein	O	Start Parameter List	Initial version distributed 10/18 Updated 11/8, 11/14
9	121018	Marek Hajduczenia / Hal Roberts	O	Capture static model in Excel	See email
10	121128	D Remein	O	Get channel model data template completed for Chinese MSOs	from EPoC SIG 11/19/12
11	121128	D Remein	O	Align Ch Model Topologies with those previous presented.	
12	121128	Hal Roberts / Saif Rahman	O	Align CH Model Tables presented in San Antonio.	

Detailed presentation material:

All presentations will be available at the p802.3bn private web site.

Attendees:

Deng, Lixia	Peking University
Dickinson, John	Brighthouse
Laubach, Mark	Broadcom
Montreuil, Leo	Broadcom
Palemo, Joe	Xilinx
Peters, Michael	Sumitomo Electric
Powell, Bill	Alcatel-Lucent
Rahman, Saifur	Comcast
Roberts, Hal	Calix
Shellhammer, Steve	Qualcomm
Solomon, Joe	Comcast
Remein, Duane	Huawei