

## Evaluation Criteria and Requirements Ad Hoc – Minutes December 19, 2012

Provided IEEE-SA Patent Policy.

- <https://development.standards.ieee.org/myproject/Public/mytools/mob/slideset.pdf>

Everyone on the call was familiar with the IEEE patent policy.

### Discussed various requirements

Agreed to put the following in the recommended to TF column

- The PHY should provide protection against burst noise.
  - The burst noise will be specified by the Channel Model Ad Hoc
- The CNU device should be possible to be installed anywhere in the home (not only at the edge of the drop).
  - Deeper in the home there may be lower SNR leading to lower throughput. Different operators may have different deployment scenarios. Some operators are trying to support the Home Gateway deployment while they still need to support a deployment model where the CNU is anywhere in the home. There is also the MDU deployment model which is different than the NA operator model. In business model deployment the SNR may be higher and lower variation. This is a system level requirement. To put a specific requirement on the PHY this would need to be turned into a Channel Model of SNR and SNR variation, which needs to be supported.

We decided to add a possible requirement on PHY Jitter. Probably the same as EPON jitter specification

- The jitter from TX MAC/PLS interface the medium shall be less than TBD ms
  - Set TBD to the EPON jitter requirement (12 TQ?)

The next call is on January 9.

### Attendance List

Person	Affiliation
Brian Kinnard	Comscope
Avi Klinger	Broadcom
Leo Montreuil	Broadcom
Christian Pietsch	Qualcomm
Steve Shellhammer	Qualcomm
Nicola Varanese	Qualcomm