RF Spectrum Ad Hoc – Minutes June 18, 2013

Provided the IEEE-SA Patent Policy link. Everyone on the call was familiar with the patent policy.

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

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Review eStraw Poll Results

- There is some text that needs to be written to address how the PHY can support a specific diplexer, so it is clear that the upstream covers up to the diplexer and the downstream covers from the high end of the diplexer up.
- There was some debate of the whether the diplexer is in the PHY. The consensus is that the standard specifies up to the medium so that diplexer is in the PHY.
- DOCSIS has some wording on the diplexer bandwidth
- The FDD high frequency overlay requires a very wideband diplexer and you loose a lot of premium bandwidth. This solution is good for TDD and not for FDD.
- This idea has been floating around for about 20 years and has not yet gotten anywhere. If it does I think it would be for TDD
- Maybe it should be in the specification and not a requirement
- A number of operators voted in this poll and were supportive of this approach

MDIO Fields (Duane)

- Have not yet organized these into registers so they are fields right now
- Reviewed the PHY and RF spectrum related fields
- Discussed OFDM pre-equalization and how many bits it would require. It was suggested that this would be sent over the PLC.
- For a small network this provides good gains
- There would need to be MDIO registers even if the values are set by the PHY, since these values will need to be read. If they are set by OAM then they would need to be written also.

Next week we will focus TDD frequency bands

Attendance

Person	**Affiliation**
Michel Allard	Cogeco Cable
Jim Farmer	Aurora Networks
Bill Keasler	Ikanos
Leo Montreuil	Broadcom
Michael Peters	Sumitomo Electric
Bill Powell	Alcatel Lucent
Duane Remein	Huawei
Steve Shellhammer	Qualcomm