Evaluation Criteria and Requirements Open Issues

Evaluation Criteria

Potential Evaluation Criteria	Evaluation Criteria Recommended to Task Force
EPoC Delay using EPoC Delay Model [1] [1] Andrea Garavaglia, Ed Boyd, Rick Li, Bill Powell, Hesham ElBakoury, and David Barr, "EPoC Performance Model Delay and Efficiency," September 2012	EPoC Delay using EPoC Delay Model [1] [1] Andrea Garavaglia, Ed Boyd, Rick Li, Bill Powell, Hesham ElBakoury, and David Barr, "EPoC Performance Model Delay and Efficiency," September 2012

Requirements

Potential Requirement	Requirement Recommended to Task Force
The standard shall support a downstream data rate of at least 1.6 Gb/s at the MAC/PLS service interface, in a 192-MHz OFDM channel, in baseline channel conditions	The standard shall support a downstream data rate of at least 1.6 Gb/s at the MAC/PLS service interface, in a 192-MHz OFDM channel, in baseline channel conditions (Discussed by the Task Force Nov 2012, but not approved by the Task Force) Will bring this to the TF again after baseline channel conditions is specified
The MAC/PLS data rate shall scale linearly with the number of OFDM channels, in same baseline channel conditions	The MAC/PLS data rate shall scale linearly with the number of OFDM channels, in baseline channel conditions (Adopted by the Task Force Nov 2012)
The PHY should provide protection against burst noise	
Delay from the MAC/PLS interface to the Medium of less than TBD ms	
Delay from the Medium to MAC/PLS interface of less than TBD ms	
The CNU device should be possible to be installed anywhere in the home (not only at the edge of the drop)	
Implementation of MEF services should be supported	
It should be possible to implement in currently deployed types of devices, including set top boxes	