PMD and PMA
Proposed Specification Text

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Purpose of this Presentation

- Make proposals for specification text at the Geneva meetings

OFDM Sampling Rate

- Decision 7:
  - An OFDM downstream channel shall have a bandwidth of 192 MHz with an OFDM sampling frequency of integer multiples of 10.24 MHz.
- Proposal:
  - Express the sampling frequency as 204.8 MHz for the specification purpose does not dictate implementation
  - Already implied in prior presentations we have seen
  - Consistent with the FFT sizes and subcarrier spacings (4K – 25 kHz; 8K – 50 kHz)
  - Consistent with other emerging standards

Cyclic Prefix Spec Text Proposal

- Propose the specification text in Rahman_Solomon_3bn_02_07_15_13.pdf

Motion

- The standard shall express the OFDM/OFDMA sampling rate as 204.8 MHz. This does not imply an implementation using 204.8 MHz.

Moved:

Second:

Technical Motion: ≥75%

Agree

Disagree

Other

Abstain

Motion

- The standard shall adopt the proposed specification text in Rahman_Solomon_3bn_02_07_15_13.pdf for description of the cyclic prefix.

Moved:

Second:

Technical Motion: ≥75%

Agree

Disagree

Abstain