

802.3cw D1.2 missing baselines and TBDs

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D1.2 Clause 116 TBDs

- 116.4, Table 116-6, Sublayer delay constraints (400GBASE)
 - Maximum (bit time) - TBD
 - Maximum (pause quanta) - TBD
 - Maximum (ns) - TBD

D1.2 Clause 155 required baselines and TBDs

- 155.4, 400GBASE-ZR PCS and PMA detailed functions and state diagrams – need baseline
- 155.5, 400GBASE-ZR PCS and PMA management – need baseline
- 155.6, Loopback – need baseline
- 155.7, Delay constraints (See Table 116-6)
 - Maximum (bit time) - TBD
 - Maximum (pause quanta) – TBD
 - Maximum (ns) - TBD

D1.2 Clause 156 TBDs

- 156.7.1, Table 156-6, 400GBASE-ZR transmit characteristics
 - Out-of-band OSNR (min) - TBD
 - Laser frequency noise mask - TBD
 - Error vector magnitude (max) – TBD
- 156.7.2, Table 156-7, 400GBASE-ZR receive characteristics
 - Damage threshold - TBD
 - Receiver OSNR (min): For average receive power <-12 dBm - TBD
 - Receiver OSNR (min): For average receive power >=-12 dBm – TBD
- 156.8, Table 156-8, 400GBASE-ZR DWDM blacklink characteristics
 - Ripple (max) - TBD
 - Average output power at TP3 (min): for OSNR at TP3 (12.5 GHz) - TBD
 - OSNR at TP3 (min) – TBD
 - Optical path OSNR penalty (max), for OSNR at TP3 (12.5 GHz) – TBD
 - Interferometric crosstalk at TP3 (max) - TBD

D1.2 Clause 156 TBDs

- 156.8, Table 156-9, Adjacent channel isolation
 - Frequency offset - 0 GHz – TBD
 - Frequency offset - +/- 15 GHz - TBD
 - Frequency offset - +/- 20 GHz - TBD
 - Frequency offset - +/- 25 GHz - TBD
 - Frequency offset - +/- 30 GHz - TBD
 - Frequency offset - +/- 35 GHz - TBD
 - Frequency offset - +/- 40 GHz - TBD
 - Frequency offset - +/- 45 GHz - TBD
 - Frequency offset - +/- 50 GHz - TBD
 - Frequency offset - +/- 55 GHz - TBD
 - Frequency offset - +/- 60 GHz - TBD
 - Frequency offset - +/- 65 GHz - TBD
 - Frequency offset - +/- 70 GHz - TBD
 - Frequency offset - +/- 75 GHz - TBD

D1.2 Clause 156 required baselines and TBDs

- 156.9.17, Receiver OSNR tolerance – need baseline
- 156.10.1.1, Calibrated Coherent Receiver
 - Coherent receiver bandwidth - TBD
 - Digitizer ENOB - TBD
 - Digitizer sampling rate - TBD
- 156.10.1.2.1, Polarization Alignment
 - Digitized signal block sample size - TBD
- 156.10.1.2.2, Frequency Offset Recovery
 - Frequency difference symbol fixed block length - TBD
- 156.10.1.2.3, Receive Filtering
 - Receive filter type - TBD
 - Receive filter roll-off - TBD
- 156.10.1.2.4, IQ Offset Compensation
 - IQ offset symbol fixed block length - TBD
- 156.10.1.2.5, Equalizer
 - Equalizer FIR filter number of taps - TBD
 - Equalizer FIR type of filter - TBD

Thanks!