

[Note to Editors: 101.4 is a suggested numbering only. Use what works in the draft. Note this covers overview, time and frequency synchronization, then a section for each function block is the respective downstream then upstream PHY path block diagrams in CL 100.]

100

101

101.4 Physical Medium Attachment (PMA) for EPoC

101.4.1 Overview

101.4.2 Downstream PMA transmit function

101.4.2.1 Overview

101.4.2.2 Time and frequency synchronization

101.4.2.3 Subcarrier Configuration and Bit Loading

101.4.2.4 Pilot Map

101.4.2.5 Symbol Mapper

101.4.2.6 Time and Frequency interleaver

101.4.2.7 Pilot Insertion

101.4.2.8 IFFT

101.4.2.9 Cyclic Prefix and Windowing

101.4.3 Upstream PMA transmit function

101.4.3.1 Overview

101.4.3.2 Time and frequency synchronization

101.4.3.3 OFDM Frame Configuration and Bit Loading

101.4.3.4 Frame Timing

101.4.3.5 Probe Generator

101.4.3.6 Symbol Mapper

101.4.3.7 Pilot and Marker Patterns

101.4.3.8 Burst Markers

101.4.3.9 Pilot and Marker Insertion

101.4.3.10 Interleaver and OFDM Framer

101.4.3.11 Pre-equalization

101.4.3.12 IFFT

(Point to downstream section. Values from Table 10x-x)

101.4.3.13 Cyclic Prefix and Windowing

(Point to downstream section, values from Table 10x-x)