



Test modes for 1000BASE-T Energy Efficient Ethernet

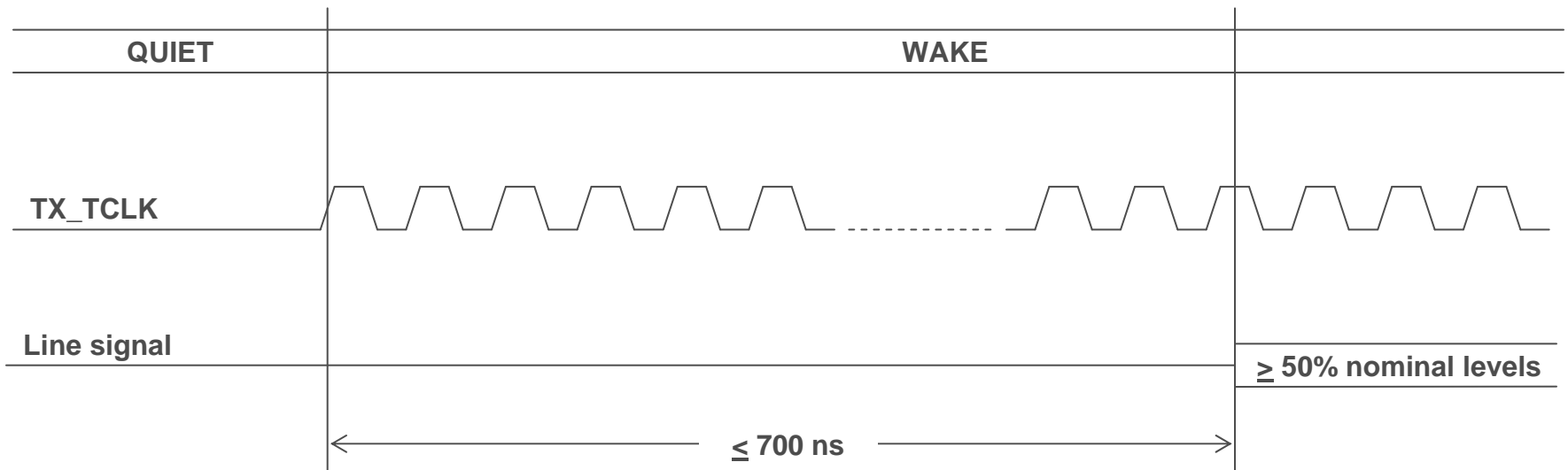
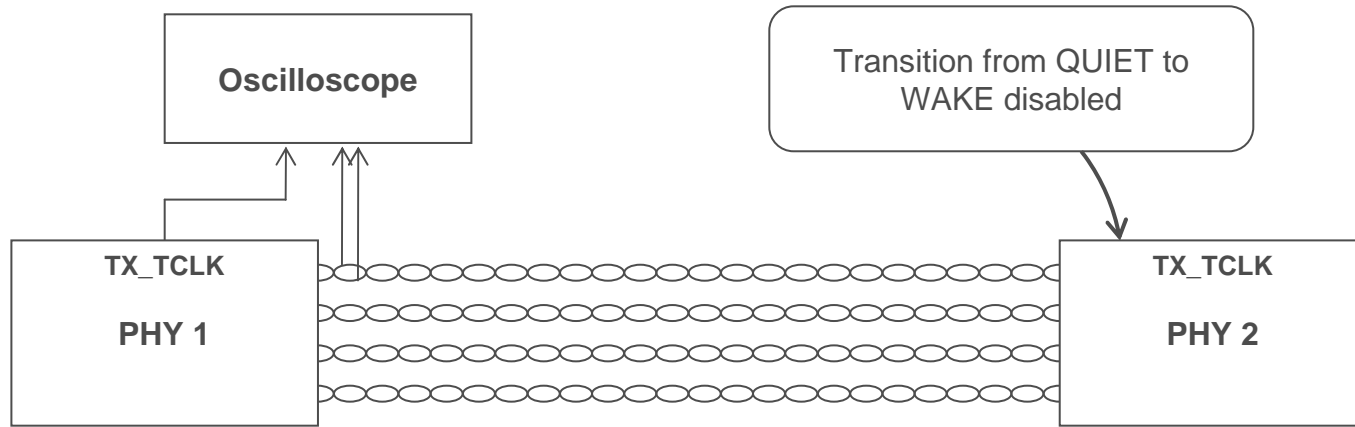
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Summary of proposed test modes

- Simple, generic tools to facilitate the verification of compliant operation
- A mode that inhibits the transition from QUIET to WAKE
 - This allows the tester to observe the WAKE transmission of a PHY without interference from the link partner
- A mode that gates TX_TCLK off and on according to the state of the PHY Control function
 - This allows the tester to verify timing parameters during the operation of the link
 - Off during QUIET and WAKE_SILENT and on during other states

Example: Wake signal timing



Example: Ipi_waketx_timer and Ipi_wakemz_timer

