Project: HDSL2 Standards Project

Source: ADC Telecommunications, Adtran, Level One Communications, PairGain
               Technologies

Title: Performance requirements for HDSL2 systems

Distribution to: Technical Sub-Working Group T1E1.4

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ABSTRACT:

This document proposes text for the performance requirements for an HDSL2 system.

PROPOSED TEXT:

HDSL2 systems compliant with this standard shall transport a 1544 kbps payload with a Bit
Error Ratio (BER) less than 10^{-7} on each of the loops specified in section XXX (the HDSL CSA
test loops 1 -8 specified in TR28) in the presence of additive noise which simulates both the
background noise and the mixed cross-talk environment described in section YYY (currently
specified in Table 5 of contribution T1E1.4/97-435[1]) with at least 5 dB noise margin, measured
by increasing the crosstalk noise level until 10^{-7} BER is reached.

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[1] T1E1.4/97-435, "Updated OPTIS PSD Mask and Power Specification for HDSL2", Sacramento, CA,
December 1997