

Project: HDSL2 Standards Project

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

Title: Performance requirements for HDSL2 systems

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Contact:

Mike Rude
ADC Telecommunications
MS 125, PO Box 1101
Minneapolis, MN 55440

Telephone: (612) 936-8308
FAX: (612) 936-8333
email: mike_rude@adc.com

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 T1E1.4/97-435¹) with at least 5 dB noise margin, measured by increasing the crosstalk noise level until 10^{-7} BER is reached.

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

Notice

This contribution has been prepared to assist Standards Committee T1 - Telecommunications. This document is offered to the committee as a basis for discussion and coordination by the authors. The suggestions offered here are subject to change after further study. The right to add to, amend, or withdraw the suggestions contained herein is specifically reserved.