

TR-100

ADSL2/ADSL2plus Performance Test Plan

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Issue History

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1.0	March 2007	Herman Verbueken, Alcatel-Lucent Bell NV	Original
1.0 Corrigendum 1	March 2008	Herman Verbueken, Alcatel-Lucent Bell NV	Correction to support Class B modems

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Summary

This document contains the correction to TR-100 Issue 1 to support Class B modems in testcase “A.2.2.6 Noise FB ADSL2plus impairments at 1750 m”.

1 Purpose

This document contains the correction to support Class B modems in testcase “A.2.2.6 Noise FB ADSL2plus impairments at 1750 m”.

2 Correction to test A.2.2.6 Noise FB ADSL2plus impairments at 1750 m

Modify section A.2.2.6 as follows:

A.2.2.6 Noise FB ADSL2plus impairments at 1750 m.

Noise FB settings as defined in section A.2.1.3, using testprofile A2P_RA_I_30000k for Class A implementations and A2P_RA_I1/2_30000k for Class B implementations.

Table A.2-6/TR-100: Noise FB ADSL2plus impairment, testprofile A2P_RA_I_30000k (Class A) or A2P_RA_I1/2_30000k (Class B), at 1750 m.

Loop length (m) 0.4mm	Test time (Minutes)	Anticipated DS net data rate: >= 9296 kbps (Class A) >= 9488 kbps (Class B) Achieved DS net data rate (test start) Achieved DS net data rate (test end)	Measured DS CRC count, after injected noise level has been raised by Min(initial_reported_margin -1, target_margin) dB	Estimated BER, based on equations in Table 7-12, interleaved path If: Estimated_BER < 1.5e-7 then PASS else FAIL	Pass / Fail
1750	10				