TR-100
ADSL2/ADSL2plus Performance Test Plan
Issue Number: 1.0 Corrigendum 1
Issue Date: March 2008
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Issue History

<table>
<thead>
<tr>
<th>Issue Number</th>
<th>Version Date</th>
<th>Version Editor</th>
<th>Changes</th>
</tr>
</thead>
<tbody>
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<td>1.0</td>
<td>March 2007</td>
<td>Herman Verbueken, Alcatel-Lucent Bell NV</td>
<td>Original</td>
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<tr>
<td>1.0 Corrigendum 1</td>
<td>March 2008</td>
<td>Herman Verbueken, Alcatel-Lucent Bell NV</td>
<td>Correction to support Class B modems</td>
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</table>

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Table of Contents

1 PURPOSE.................................................................................................................. 6

2 CORRECTION TO TEST A.2.2.6 NOISE FB ADSL2PLUS IMPAIRMENTS AT 1750 M ................................................................. 6
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>
<thead>
<tr>
<th>Loop length (m)</th>
<th>Test time (Minutes)</th>
<th>Anticipated DS net data rate:</th>
<th>Measured DS CRC count, after injected noise level has been raised by Min(initial_reported_margin -1, target_margin) dB</th>
<th>Estimated BER, based on equations in Table 7-12, interleaved path</th>
<th>Pass / Fail</th>
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<tr>
<td>0.4mm</td>
<td>0</td>
<td>9296 kbps (Class A)</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>&gt;= 9488 kbps (Class B)</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>Achieved DS net data rate (test start)</td>
<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td></td>
<td>Achieved DS net data rate (test end)</td>
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</tr>
<tr>
<td>1750</td>
<td>10</td>
<td></td>
<td></td>
<td>Estimated_BER &lt; 1.5e-7 then PASS else FAIL</td>
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