

## **TR-100**

# ADSL2/ADSL2plus Performance Test Plan

Issue Number: 1.0 Corrigendum 1
Issue Date: March 2008

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## **Issue History**

Issue Number	Version Date	Version Editor	Changes
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\_II/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\_II/2 30000k (Class B), at 1750 m.

Loop length (m) 0.4mm	Test time (Minutes)	Anticipated DS net data rate: >= 9296 kbps (Class A)	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	Pass / Fail
		>= 9488 kbps (Class B)  Achieved DS net data rate (test start)		If: Estimated_BER < 1. 5e-7 then PASS else FAIL	
		Achieved DS net data rate (test end)			
1750	10				