

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

G.993.2

Amendment 4

(01/2009)

SERIES G: TRANSMISSION SYSTEMS AND MEDIA,
DIGITAL SYSTEMS AND NETWORKS

Digital sections and digital line system – Access networks

Very high speed digital subscriber line transceivers 2
(VDSL2)

Amendment 4

Recommendation ITU-T G.993.2 (2006) –
Amendment 4

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Recommendation ITU-T G.993.2

Very high speed digital subscriber line transceivers 2 (VDSL2)

Amendment 4

Summary

The following has been included in Amendment 4 to Recommendation ITU-T G.993.2:

- 1) Revision of VME functionality.
- 2) Revision of text on UPBO reference PSDs in Annex A.
- 3) Addition of a bibliography.

History

Edition	Recommendation	Approval	Study Group
1.0	ITU-T G.993.2	2006-02-17	15
1.1	ITU-T G.993.2 (2006) Cor. 1	2006-12-14	15
1.2	ITU-T G.993.2 (2006) Amend. 1	2007-04-06	15
1.3	ITU-T G.993.2 (2006) Amend. 1 Cor. 1	2007-07-29	15
1.3	ITU-T G.993.2 (2006) Cor. 2	2007-07-29	15
1.5	ITU-T G.993.2 (2006) Amend. 2	2008-02-06	15
1.6	ITU-T G.993.2 (2006) Amend. 3	2008-08-22	15
1.7	ITU-T G.993.2 (2006) Amend. 4	2009-01-13	15
1.8	ITU-T G.993.2 (2006) Cor. 3	2009-06-29	15
1.9	ITU-T G.993.2 (2006) Amend. 5	2010-04-22	15

FOREWORD

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The World Telecommunication Standardization Assembly (WTSA), which meets every four years, establishes the topics for study by the ITU-T study groups which, in turn, produce Recommendations on these topics.

The approval of ITU-T Recommendations is covered by the procedure laid down in WTSA Resolution 1.

In some areas of information technology which fall within ITU-T's purview, the necessary standards are prepared on a collaborative basis with ISO and IEC.

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Recommendation ITU-T G.993.2

Very high speed digital subscriber line transceivers 2 (VDSL2)

Amendment 4

1) Revise clause 11.2.1

Add the following text at the end of clause 11.2.1 "VME functionality":

The VME-O shall update and store the set of near-end test parameters (the ones that can be updated during showtime) within 10 seconds after receiving the request to do so from the NMS.

The VME-O shall update and store the set of far-end test parameters (the ones that can be updated during showtime) within 30 seconds after receiving the request to do so from the NMS.

2) Revise clause A.3

Replace the text of clause A.3 with the following:

A.3 UPBO reference PSDs

ATIS Committee NIPP has published a technical report [b-ATIS 0600023] that provides guidance on the configuration of the UPBO parameters 'a' and 'b' for the North American environment.

3) Create bibliography

Add a bibliography with the following entry:

[b-ATIS 0600023] ATIS 0600023 (2008), *Guidance for the Use of Upstream Power Back Off Parameters for ITU-T Recommendation G.993.2 Annex A.*

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