

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

G.997.1

Corrigendum 1

(11/2016)

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

Digital sections and digital line system – Metallic access
networks

Physical layer management for digital subscriber
line transceivers

Corrigendum 1

Recommendation ITU-T G.997.1 (2012) –
Corrigendum 1

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Recommendation ITU-T G.997.1

Physical layer management for digital subscriber line transceivers

Corrigendum 1

Summary

Corrigendum 1 to Recommendation ITU-T G.997.1 (2012) includes:

- Correction to maximal bound of DPBOFMAX to match ITU-T G.993.2 Annex Q.
- Increase the range of valid values of LSYMB.

History

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6.6	ITU-T G.997.1 (2012) Amd. 6	2016-03-29	15	11.1002/1000/12798
6.7	ITU-T G.997.1 (2012) Cor. 1	2016-11-13	15	11.1002/1000/13108

* To access the Recommendation, type the URL <http://handle.itu.int/> in the address field of your web browser, followed by the Recommendation's unique ID. For example, <http://handle.itu.int/11.1002/1000/11830-en>.

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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As of the date of approval of this Recommendation, ITU had received notice of intellectual property, protected by patents, which may be required to implement this Recommendation. However, implementers are cautioned that this may not represent the latest information and are therefore strongly urged to consult the TSB patent database at <http://www.itu.int/ITU-T/ipr/>.

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Recommendation ITU-T G.997.1

Physical layer management for digital subscriber line transceivers

Corrigendum 1

1) Correction to maximal bound of DPBOFMAX

Modify clause 7.3.1.2.13 as follows:

7.3.1.2.13 Downstream power back-off – Shaped (DPBOSHAPED)

a) Downstream power back-off configuration parameters

a.6) DPBO span maximum frequency (DPBOFMAX)

DPBOFMAX defines the maximum frequency at which DPBO may be applied. It ranges from 138 kHz to ~~35323.6875~~~~29997.75~~ kHz in steps of 4.3125 kHz.

2) Increase the range of valid values of LSYMB

Modify clause 7.5.2.6.3 as follows:

7.5.2.6.3 Actual number of bits per symbol (LSYMB)

This parameter reports the actual number of bits per symbol assigned to the latency path in which the bearer channel is transported. This value does not include trellis overhead. The value is coded in bits.

~~The range of valid values ranges-is~~ from 0 to ~~65535~~~~131071~~.

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