International Telecommunication Union

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

G.722.2

Annex D

(12/2017)

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

Digital terminal equipments – Coding of voice and audio signals

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Wideband coding of speech at around 16 kbit/s using Adaptive Multi-Rate Wideband (AMR-WB)

Annex D: Digital test sequences

Recommendation ITU-T G.722.2 – Annex D

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For further details, please refer to the list of ITU-T Recommendations.

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Recommendation ITU-T G.722.2

Wideband coding of speech at around 16 kbit/s using Adaptive Multi-Rate Wideband (AMR-WB)

Annex D

Digital test sequences

Summary

Annex D to Recommendation ITU-T G.722.2 specifies version 14.0.0 of the bit-exact test sequences for the verification of the implementation of ITU-T G.722.2 AMR-WB codec, voice activity detection, comfort noise generation and source controlled rate operation.

The test sequences specified in this annex were also adopted by 3GPP in 3GPP specification TS 26.174 V14.0.0 (2017-04).

These test sequences are freely available from the ITU-T test signals database at http://www.itu.int/net/itu-t/sigdb/.

History

Edition	Recommendation	Approval	Study Group	Unique ID*
1.0	ITU-T G.722.2	2002-01-13	16	11.1002/1000/5650
1.1	ITU-T G.722.2 Annex C	2002-01-13	16	11.1002/1000/5662
1.3	ITU-T G.722.2 Annex C	2003-07-29	16	11.1002/1000/6865
1.4	ITU-T G.722.2 Annex D	2002-01-13	16	11.1002/1000/5663
1.4	ITU-T G.722.2 Annex C	2004-03-15	16	11.1002/1000/7206
2.0	ITU-T G.722.2	2003-07-29	16	11.1002/1000/6506
2.1	ITU-T G.722.2 Annex A	2002-01-13	16	11.1002/1000/5660
2.2	ITU-T G.722.2 Annex B	2002-01-13	16	11.1002/1000/5661
2.5	ITU-T G.722.2 Annex E	2002-01-13	16	11.1002/1000/5664
2.6	ITU-T G.722.2 Annex D	2003-07-29	16	11.1002/1000/6871
2.6	ITU-T G.722.2 Annex E (2002) Cor. 1	2003-07-29	16	11.1002/1000/6875
2.7	ITU-T G.722.2 Annex F	2002-11-29	16	11.1002/1000/6180
2.8	ITU-T G.722.2 App. I	2002-01-13	16	11.1002/1000/6096
2.9	ITU-T G.722.2 App. I (2002) Amd. 1	2003-07-29	16	11.1002/1000/6877
2.9	ITU-T G.722.2 (2003) Cor. 1	2005-09-13	16	11.1002/1000/8575
2.10	ITU-T G.722.2 (2003) Cor. 2	2007-01-13	16	11.1002/1000/9019
2.11	ITU-T G.722.2 Annex C	2008-11-13	16	11.1002/1000/9635
2.12	ITU-T G.722.2 Annex C	2017-12-14	16	11.1002/1000/13429
2.13	ITU-T G.722.2 Annex D	2017-12-14	16	11.1002/1000/13430

* 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.

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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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In this Recommendation, the expression "Administration" is used for conciseness to indicate both a telecommunication administration and a recognized operating agency.

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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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