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Digital Enhanced Cordless Telecommunications (DECT); Approval test specification

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Foreword

This Interim European Telecommunication Standard (I-ETS) has been produced by the Radio Equipment and Systems (RES) Technical Committee of the European Telecommunications Standards Institute (ETSI).

This I-ETS contains text pertaining to approval testing of the Digital European Cordless Telecommunications (DECT) Common Interface.

Such text should be considered as guidance to approval (or licensing) authorities.

The Public Access Profile (PAP) Clause contains an Applicant's Declaration. Extensive tests for the PAP are currently under development. It is intended to add these to the TBR 11 when available.

Network attachment requirements will be referred from TBRs.

Details of the DECT Common Interface may be found in ETS 300 175.

Further details of the DECT system may be found in the ETSI Technical Reports, ETR 015 [11], and ETR 043 [10], and also in the draft ETSI Technical Report, "Digital European Cordless Telecommunications System Description Document" [12].

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1 Scope

This Interim European Telecommunication Standard (I-ETS) specifies the approval tests applicable to all Digital European Cordless Telecommunications (DECT) equipment.

Its aims are to ensure the following:

- efficient use of the radio frequency spectrum;
- no harm is done to any connected network and its services as well as to other radio networks and services;
- no harm is done to other DECT equipment and its services;
- inter-operability between DECT equipment intended for public access.

2 Normative references

This Interim European Telecommunication Standard (I-ETS) incorporates, by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to, or revisions of, any of these publications apply to this I-ETS only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

- [1] ETS 300 175-1: "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT) Common Interface Part 1: Overview".
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- [2] ETS 300 175-2: "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT) Common Interface Part 2: Physical layer".
- [3] ETS 300 175-3: "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT) Common Interface Part 3: Medium access control layer".
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- [4] ETS 300 175-4: "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT) Common Interface Part 4: Data link control layer".
- [5] ETS 300 175-5: "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT) Common Interface Part 5: Network layer".
- [6] ETS 300 175-6: "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT) Common Interface Part 6: Identities and addressing".
- [7] ETS 300 175-7: "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT) Common Interface Part 7: Security features".
- [8] ETS 300 175-8: "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT) Common Interface Part 8: Speech coding and transmission".
- [9] ETS 300 175-9: "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT) Common Interface Part 9: Public access profile".