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**Signalling Protocols and Switching (SPS);
V interfaces at the digital Local Exchange (LE);
V5.1 interface for the support of Access Network (AN);
Part 9: Test specification for the physical layer**

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Foreword

This European Telecommunication Standard (ETS) has been produced by the Signalling Protocols and Switching (SPS) Technical Committee of the European Telecommunications Standards Institute (ETSI).

This ETS is part 9 of a multi-part standard covering the V5.1 interface as described below:

- Part 1: "V5.1 interface specification";
- Part 2: "Protocol Implementation Conformance Statement (PICS) proforma";
- Part 3: "Test Suite Structure and Test Purposes (TSS&TP) specification for the network layer (AN side)";
- Part 4: "Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification for the network layer (AN side)";
- Part 5: "TSS&TP specification for the network layer (LE side)";
- Part 6: "ATS and partial PIXIT proforma specification for the network layer (LE side)";
- Part 7: "TSS&TP specification for the data link layer";
- Part 8: "ATS and partial PIXIT proforma specification for the data link layer";
- Part 9: "Test specification for the physical layer".**

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Date of adoption of this ETS:	1 March 1996
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1 Scope

This ninth part of ETS 300 324 specifies the conformance test methods for the physical layer of the V5.1 interface as specified in ETS 300 324-1 [3], clauses 4 and 5 and the particular requirements specified in subclause 14.3.

2 Normative references

This ETS incorporates by dated and 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 ETS only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

- [1] ETS 300 166 (1993): "Transmission and Multiplexing (TM); Physical and electrical characteristics of hierarchical digital interfaces for equipment using the 2 048 kbit/s-based plesiochronous or synchronous digital hierarchies".
- [2] ETS 300 167 (1993): "Transmission and Multiplexing (TM); Functional characteristics of 2 048 kbit/s interfaces".
- [3] ETS 300 324-1 (1994): "Signalling Protocols and Switching (SPS), V interfaces at the digital Local Exchange (LE); V5.1 interface for the support of Access Network (AN); Part 1: V5.1 interface specification".

3 Abbreviations

For the purposes of this ETS, the following abbreviations apply:

AN	Access Network
LE	Local Exchange

4 Conformance test requirements

Conformance testing shall be in line with the conformance testing defined for ETS 300 166 [1] and ETS 300 167 [2] to fulfil the requirements in ETS 300 324-1 [3], clauses 4 and 5 and subclause 14.3.

No additional (V5.1 specific) conformance tests are required.

History

Document history			
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