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Foreword

This draft European Telecommunication Standard (ETS) has been produced by the Radio Equipment and Systems (RES) Technical Committee of the European Telecommunications Standards Institute (ETSI), and is now submitted for the Public Enquiry phase of the ETSI standards approval procedure.

This ETS consists of 3 parts as follows:

Part 1: "PTS - summary".

Part 2: "Profile Specific Test Specification (PSTS) for Portable radio Termination (PT)".

Part 3: "Profile Specific Test Specification (PSTS) for Fixed radio Termination (FT)".

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1 Scope

This European Telecommunication Standard (ETS) contains the test specification for Digital Enhanced Cordless Telecommunications/Integrated Services Digital Network (DECT/ISDN) Interworking Access Profile (IAP) Portable Part (PP) applications as specified in ETS 300 434-1 [6] and ETS 300 434-2 [7].

This test specification provides conformance tests for DECT/ISDN terminal equipment conforming to ETS 300 434-1 [6] and ETS 300 434-2 [7]. The main objective is to perform a high probability of inter-operability between the DECT/ISDN terminal equipment and an ISDN network. The DECT/ISDN terminal equipment contains Fixed Parts (FPs) and Portable Parts (PPs) that may be supplied by different manufacturers.

The ISO standard for the methodology of conformance testing ISO/IEC 9646 [22] to [28] is used as the basis for the test methodology, and as the basis for test case specification.

The test cases if listed in this ETS have been derived from the corresponding ATS. Additional DECT/ISDN IAP specific test cases are included where required.

Annex A provides Profile Implementation eXtra Information for Testing (IXIT) proforma part of this specification.

Annex B provides Profile Conformance Test Report (Profile CTR) proforma part of this specification.

Annex C provides System Conformance Test Report proforma (SCTR) part of this specification.

Annex D provides the Profile X Requirement List (XRL) proforma part of this specification.

Annex E provides modifications of DECT layer PCTR proforma of this specification.

Annex F provides the Tree and Tabular Combined Notation (TTCN) part for DECT NWK layer.conforming to the requirements of this specification.

Annex G provides the Tree and Tabular Combined Notation (TTCN) part for DECT Data Link Control (DLC) layer.conforming to the requirements of this specification.

Annex H provides the Tree and Tabular Combined Notation (TTCN) part for DECT MAC layer.conforming to the requirements of this specification.

Annex I provides the Tree and Tabular Combined Notation (TTCN) part for DECT/ISDN IWU - IAP profile.

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 300 175-2: "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT); Common Interface (CI); Part 2: Physical Layer".

[2] ETS 300 175-3: "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT); Common Interface (CI); Part 3: Medium Access Control (MAC) layer".

[3] ETS 300 175-4: "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT); Common Interface (CI); Part 4: Data Link Control (DLC) layer".

[4] ETS 300 175-5: "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT); Common Interface (CI); Part 5: Network (NWK) layer".

[5] ETS 300 444 (1995): "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT); Generic Access Profile (GAP)".

[6] ETS 300 434-1: "Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications (DECT) and Integrated Services Digital Network (ISDN) interworking for end system configuration; Part 1: Interworking specification".

[7] ETS 300 434-2: "Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications (DECT) and Integrated Services Digital Network (ISDN) interworking for end system configuration; Part 2: Access profile".

[8] prETS 300 176: "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT); Approval test specification".

[9] prETS 300 476-1: "Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Protocol Implementation Conformance Statement (PICS) proforma; Part 1: Network (NWK) layer - Portable radio Termination (PT)".

[10] prETS 300 476-2: "Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Protocol Implementation Conformance Statement (PICS) proforma; Part 2: Data Link Control (DLC) layer - Portable radio Termination (PT)".

[11] prETS 300 476-3: "Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Protocol Implementation Conformance Statement (PICS) proforma; Part 3: Medium Access Control (MAC) layer - Portable radio Termination (PT)".

[12] prETS 300 476-7: "Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Protocol Implementation Conformance Statement (PICS) proforma; Part 7: Physical layer".

[13] prETS 300 474-1: "Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications (DECT); Generic Access Profile (GAP); Profile requirement list and profile specific Implementation Conformance Statement (ICS) proforma; Part 1: Portable radio Termination (PT)".

[14] prETS 300 705-1: "Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications/Integrated Services Digital Network (DECT/ISDN) interworking for end system configuration; Profile Implementation Conformance Statement (ICS); Part 1: Portable radio Termination (PT)".

[15] prETS 300 497-1: "Radio Equipment and Systems (RES), Digital European Cordless Telecommunications (DECT): Common Interface (CI) Test Case Library (TCL), Test Suite Structure and Test Purposes, Medium Access Control layer (MAC)".

[16] prETS 300 497-2: "Radio Equipment and Systems (RES), Digital European Cordless Telecommunications (DECT): Common Interface (CI) Test Case Library (TCL), Abstract Test Suite, Medium Access Control layer (MAC), Portable radio Termination (PT)".

[17] prETS 300 497-4: "Radio Equipment and Systems (RES), Digital European Cordless Telecommunications (DECT): Common Interface (CI) Test Case Library (TCL), Test Suite Structure and Test Purposes, Data Link Control layer (DLC)".

[18] prETS 300 497-5: "Radio Equipment and Systems (RES), Digital European Cordless Telecommunications (DECT): Common Interface (CI) Test Case Library (TCL), Abstract Test Suite, Data Link Control layer (DLC)"

[19] prETS 300 497-6: "Radio Equipment and Systems (RES), Digital European Cordless Telecommunications (DECT): Common Interface (CI) Test Case Library (TCL), Test Suite Structure and Test Purposes, Network layer (NWK), Portable radio Termination (PT)".

[20] prETS 300 497-7: "Radio Equipment and Systems (RES), Digital European Cordless Telecommunications (DECT): Common Interface (CI) Test Case Library (TCL), Abstract Test Suite, Network layer (NWK), Portable radio Termination (PT)".

[21] prETS 300 494-2: "Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications (DECT); Generic Access Profile (GAP); Profile Test Specification (PTS); Part 2: Profile Specific Test Specification (PSTS) - Portable radio Termination (PT)".

[22] ISO/IEC 9646-1 (1991): "Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 1: General concepts". (See also CCITT Recommendation X.290 (1991)).

[23] ISO/IEC 9646-2 (1991): "Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 2: Abstract test suite specification". (See also CCITT Recommendation X.291 (1991)).

[24] ISO/IEC 9646-3 (1991): "Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 3: The tree and tabular combined notation". (See also CCITT Recommendation X.292 (1992)).

[25] ISO/IEC 9646-4 (1991): "Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 4: Test realisation". (See also CCITT Recommendation X.292 (1992)).

[26] ISO/IEC 9646-5 (1991): "Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 5: Requirements on test laboratories and clients for the conformance assessment process". (See also CCITT Recommendation X.292 (1992)).

[27] ISO/IEC 9646-6 (1991): "Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 6: Protocol profile test specification".

[28] ISO/IEC 9646-7 (1991): "Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 7: Implementation conformance statement".

[29] ETS 300 052-1: "Integrated Services Digital Network (ISDN); Multiple Subscriber Number (MSN) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".

[30] ETS 300 052-2: "Integrated Services Digital Network (ISDN); Multiple Subscriber Number (MSN) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification".

[31] prETS 300 052-3: "Integrated Services Digital Network (ISDN); Multiple Subscriber Number (MSN) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 3: Test Suite Structure and Test Purposes (TSS&TP) specification for the user".

[32] ETS 300 052-4: "Integrated Services Digital Network (ISDN); Multiple Subscriber Number (MSN) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 4: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification for the user".

[33] ETS 300 058-1: "Integrated Services Digital Network (ISDN); Call Waiting (CW) supplementary service; Digital subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".

[34] ETS 300 058-2: "Integrated Services Digital Network (ISDN); Call Waiting (CW) supplementary service; Digital subscriber Signalling System No. one (DSS1) protocol; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification".

[35] prETS 300 058-3: "Integrated Services Digital Network (ISDN); Call Waiting (CW) supplementary service; Digital subscriber Signalling System No. one (DSS1) protocol; Part 3: Test Suite Structure and Test Purposes (TSS&TP) specification for the user".

[36] prETS 300 058-4: "Integrated Services Digital Network (ISDN); Call Waiting (CW) supplementary service; Digital subscriber Signalling System No. one (DSS1) protocol; Part 4: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification for the user".

[37] ETS 300 061-1: "Integrated Services Digital Network (ISDN); Subaddressing (SUB) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".

[38] ETS 300 061-2: "Integrated Services Digital Network (ISDN); Subaddressing (SUB) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification".

[39] prETS 300 061-3: "Integrated Services Digital Network (ISDN); Subaddressing (SUB) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 3: Test Suite Structure and Test Purposes (TSS&TP) specification for the user".

[40] prETS 300 061-4: "Integrated Services Digital Network (ISDN); Subaddressing (SUB) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 4: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification for the user".

[41] ETS 300 064-1: "Integrated Services Digital Network (ISDN); Direct Dialling In (DDI) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".

[42] ETS 300 064-2: "Integrated Services Digital Network (ISDN); Direct Dialling In (DDI) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification".

[43] prETS 300 064-3: "Integrated Services Digital Network (ISDN); Direct Dialling In (DDI) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 3: Test Suite Structure and Test Purposes (TSS&TP) specification for the user".

[44] prETS 300 064-4: "Integrated Services Digital Network (ISDN); Direct Dialling In (DDI) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 4: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification for the user".

[45] ETS 300 092-1: "Integrated Services Digital Network (ISDN); Calling Line Identification Presentation (CLIP) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".

[46] ETS 300 092-2: "Integrated Services Digital Network (ISDN); Calling Line Identification Presentation (CLIP) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification".

[47] prETS 300 092-3: "Integrated Services Digital Network (ISDN); Calling Line Identification Presentation (CLIP) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 3: Test Suite Structure and Test Purposes (TSS&TP) specification for the user".

[48] prETS 300 092-4: "Integrated Services Digital Network (ISDN); Calling Line Identification Presentation (CLIP) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 4: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) specification proforma for the user".

[49] ETS 300 093-1: "Integrated Services Digital Network (ISDN); Calling Line Identification Restriction (CLIR) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".

[50] ETS 300 093-2: "Integrated Services Digital Network (ISDN); Calling Line Identification Restriction (CLIR) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification".

[51] prETS 300 093-3: "Integrated Services Digital Network (ISDN); Calling Line Identification Restriction (CLIR) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 3: Test Suite Structure and Test Purposes (TSS&TP) specification for the user".

[52] prETS 300 093-4: "Integrated Services Digital Network (ISDN); Calling Line Identification Restriction (CLIR) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 4: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification for the user".

[53] ETS 300 097-1: "Integrated Services Digital Network (ISDN); Connected Line Identification Presentation (COLP) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".

[54] ETS 300 097-2: "Integrated Services Digital Network (ISDN); Connected Line Identification Presentation (COLP) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification".

[55] prETS 300 097-3: "Integrated Services Digital Network (ISDN); Connected Line Identification Presentation (COLP) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 3: Test Suite Structure and Test Purposes (TSS&TP) specification for the user".

[56] prETS 300 097-4: "Integrated Services Digital Network (ISDN); Connected Line Identification Presentation (COLP) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 4: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification for the user".

[57] ETS 300 098-1: "Integrated Services Digital Network (ISDN); Connected Line Identification Restriction (COLR) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".

[58] ETS 300 098-2: "Integrated Services Digital Network (ISDN); Connected Line Identification Restriction (COLR) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification".

[59] prETS 300 098-3: "Integrated Services Digital Network (ISDN); Connected Line Identification Restriction (COLR) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 3: Test Suite Structure and Test Purposes (TSS&TP) specification for the user".

[60] prETS 300 098-4: "Integrated Services Digital Network (ISDN); Connected Line Identification Restriction (COLR) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 4: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification for the user".

[61] ETS 300 130-1: "Integrated Services Digital Network (ISDN); Malicious Call Identification (MCID) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".

[62] ETS 300 130-2: "Integrated Services Digital Network (ISDN); Malicious Call Identification (MCID) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification".

[63] prETS 300 130-3: "Integrated Services Digital Network (ISDN); Malicious Call Identification (MCID) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 3: Test Suite Structure and Test Purposes (TSS&TP) specification for the user".

[64] prETS 300 130-4: "Integrated Services Digital Network (ISDN); Malicious Call Identification (MCID) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 4: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification for the user".

[65] ETS 300 138-1: "Integrated Services Digital Network (ISDN); Closed User Group (CUG) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".

[66] ETS 300 138-2: "Integrated Services Digital Network (ISDN); Closed User Group (CUG) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification".

[67] prETS 300 138-3: "Integrated Services Digital Network (ISDN); Closed User Group (CUG) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 3: Test Suite Structure and Test Purposes (TSS&TP) specification for the user".

[68] prETS 300 138-4: "Integrated Services Digital Network (ISDN); Closed User Group (CUG) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification for the user".

[69] ETS 300 141-1: "Integrated Services Digital Network (ISDN); Call Hold (HOLD) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".

[70] prETS 300 141-2: "Integrated Services Digital Network (ISDN); Call Hold (HOLD) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification".

[71] prETS 300 141-3: "Integrated Services Digital Network (ISDN); Call Hold (HOLD) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 3: Test Suite Structure and Test Purposes (TSS&TP) specification for the user".

[72] prETS 300 141-4: "Integrated Services Digital Network (ISDN); Call Hold (HOLD) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 4: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification for the user".

[73] ETS 300 182-1: "Integrated Services Digital Network (ISDN); Advice of Charge (AOC) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".

[74] ETS 300 182-2: "Integrated Services Digital Network (ISDN); Advice of Charge (AOC) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification".

[75] prETS 300 182-3: "Integrated Services Digital Network (ISDN); Advice of Charge (AOC) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 3: Test Suite Structure and Test Purposes (TSS&TP) specification for the user".

[76] prETS 300 182-4: "Integrated Services Digital Network (ISDN); Advice of Charge (AOC) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 4: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) specification proforma for the user".

[77] ETS 300 185-1: "Integrated Services Digital Network (ISDN); Conference call, add-on (CONF) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".

[78] ETS 300 185-2: "Integrated Services Digital Network (ISDN); Conference call, add-on (CONF) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 2: Protocol Implementation Conformance Statement (PICS) proforma".

[79] prETS 300 185-3: "Integrated Services Digital Network (ISDN); Conference call, add-on (CONF) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 3: Test Suite Structure and Test Purposes (TSS&TP) for the user".

[80] prETS 300 185-4: "Integrated Services Digital Network (ISDN); Conference call, add-on (CONF) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 4: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma for the user".

[81] ETS 300 188-1: "Integrated Services Digital Network (ISDN); Three-Party (3PTY) supplementary service Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".

[82] ETS 300 188-2: "Integrated Services Digital Network (ISDN); Three-Party (3PTY) supplementary service Digital Subscriber Signalling System No. one (DSS1) protocol; Part 2: Protocol Implementation Conformance Statement (PICS) proforma".

[83] prETS 300 188-3: "Integrated Services Digital Network (ISDN); Three-Party (3PTY) supplementary service Digital Subscriber Signalling System No. one (DSS1) protocol; Part 3: Test Suite Structure and Test Purposes (TSS&TP) for the user".

[84] prETS 300 188-4: "Integrated Services Digital Network (ISDN); Three-Party (3PTY) supplementary service Digital Subscriber Signalling System No. one (DSS1) protocol; Part 4: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma for the user".

[85] ETS 300 207-1: "Integrated Services Digital Network (ISDN); Diversion supplementary services Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".

[86] prETS 300 207-2: "Integrated Services Digital Network (ISDN); Diversion supplementary services Digital Subscriber Signalling System No. one (DSS1) protocol Part 2: Protocol Implementation Conformance Statement (PICS) proforma".

[87] prETS 300 207-3: "Integrated Services Digital Network (ISDN); Diversion supplementary services Digital Subscriber Signalling System No. one (DSS1) protocol; Part 3: Test Suite Structure and Test Purposes (TSS&TP) for the user".

[88] prETS 300 207-4: "Integrated Services Digital Network (ISDN); Diversion supplementary services Digital Subscriber Signalling System No. one (DSS1) protocol; Part 4: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma for the user".

[89] ETS 300 210-1: "Integrated Services Digital Network (ISDN); Freephone (FPH) supplementary service Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".

[90] ETS 300 210-2: "Integrated Services Digital Network (ISDN); Freephone (FPH) supplementary service Digital Subscriber Signalling System No. one (DSS1) protocol; Part 2: Protocol Implementation Conformance Statement (PICS) proforma".

[91] prETS 300 210-3: "Integrated Services Digital Network (ISDN); Freephone (FPH) supplementary service Digital Subscriber Signalling System No. one (DSS1) protocol; Part 3: Test Suite Structure and Test Purposes (TSS&TP) for the user".

[92] prETS 300 210-4: "Integrated Services Digital Network (ISDN); Freephone (FPH) supplementary service Digital Subscriber Signalling System No. one (DSS1) protocol; Part 4: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma for the user".

[93] ETS 300 286-1: "Integrated Services Digital Network (ISDN); User-to-User Signalling (UUS) supplementary service Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".

[94] prETS 300 286-2: "Integrated Services Digital Network (ISDN); User-to-User Signalling (UUS) supplementary service Digital Subscriber Signalling System No. one (DSS1) protocol; Part 2: Protocol Implementation Conformance Statement (PICS) proforma".

[95] prETS 300 286-3: "Integrated Services Digital Network (ISDN); User-to-User Signalling (UUS) supplementary service Digital Subscriber Signalling System No. one (DSS1) protocol; Part 3: Test Suite Structure and Test Purposes (TSS&TP) for the user".

[96] prETS 300 286-4: "Integrated Services Digital Network (ISDN); User-to-User Signalling (UUS) supplementary service Digital Subscriber Signalling System No. one (DSS1) protocol; Part 4: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma for the user".

[97] ETS 300 359-1: "Integrated Services Digital Network (ISDN); Completion of Calls to Busy Subscriber (CCBS) supplementary service Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".

[98] ETS 300 359-2: "Integrated Services Digital Network (ISDN); Completion of Calls to Busy Subscriber (CCBS) supplementary service Digital Subscriber Signalling System No. one (DSS1) protocol; Part 2: Protocol Implementation Conformance Statement (PICS) proforma".

[99] prETS 300 359-3: "Integrated Services Digital Network (ISDN); Completion of Calls to Busy Subscriber (CCBS) supplementary service Digital Subscriber Signalling System No. one (DSS1) protocol; Part 3: Test Suite Structure and Test Purposes (TSS&TP) for the user".

[100] prETS 300 359-4: "Integrated Services Digital Network (ISDN); Completion of Calls to Busy Subscriber (CCBS) supplementary service Digital Subscriber Signalling System No. one (DSS1) protocol; Part 4: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma for the user".

[101] ETS 300 369-1: "Integrated Services Digital Network (ISDN); Explicit Call Transfer (ECT) supplementary service Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".

[102] prETS 300 369-2: "Integrated Services Digital Network (ISDN); Explicit Call Transfer (ECT) supplementary service Digital Subscriber Signalling System No. one (DSS1) protocol; Part 2: Protocol Implementation Conformance Statement (PICS) proforma".

[103] prETS 300 369-3: "Integrated Services Digital Network (ISDN); Explicit Call Transfer (ECT) supplementary service Digital Subscriber Signalling System No. one (DSS1) protocol; Part 3: Test Suite Structure and Test Purposes (TSS&TP) for the user".

[104] prETS 300 369-4: "Integrated Services Digital Network (ISDN); Explicit Call Transfer (ECT) supplementary service Digital Subscriber Signalling System No. one (DSS1) protocol; Part 4: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma for the user".

[105] prTBR 22: "Radio Equipment and Systems (RES); Attachment requirements for terminal equipment for Digital Enhanced Cordless Telecommunications (DECT) Generic Access Profile (GAP) applications".

3 Definitions and abbreviations

3.1 Definitions

For the purposes of this ETS, the following terms and definitions apply:

a) the terms defined in ISO/IEC 9646-7 [28]; and

b) the definitions in ETS 300 434-1 [6] and ETS 300 434-2 [7].

3.2 Abbreviations

For the purposes of this ETS, the abbreviations defined in ISO/IEC 9646-1 [22], ISO/IEC 9646-6 [27], ISO/IEC 9646-7 [28], ETS 300 434-1 [6] and ETS 300 434-2 [7] apply. In particular, the following abbreviations apply:

ASP	Abstract Service Primitive
ATM	Abstract Test Method
BI	Invalid Behaviour
BO	Inopportune Behaviour
BV	Valid Behaviour
CA	Capability tests
CC	Call Control entity
CI	Common Interface
DECT	Digital Enhanced Cordless Telecommunications
DLC	Data Link Control layer
FP	Fixed Part
FT	Fixed radio Termination
GAP	Generic Access Profile
ICS	Implementation Conformance Statement
ISDN	Integrated Services Digital Network
ISO	International Organisation for Standardisation
IUT	Implementation Under Test
IXIT	Implementation Extra Information for Testing
IWP	Interworking Profile
LCE	Link Control Entity
LT	Lower Tester
MAC	Medium Access Control layer
MM	Mobility Management entity
NWK	Network layer

PDU	Protocol Data Unit
PH	Physical layer
PICS	Protocol Implementation Conformance Statement
PIXIT	Protocol Implementation eXtra Information for Testing
PP	Portable Part
PSTS	Profile Specific Test Specification
PT	Portable radio Termination
PTS	Profile Test Specification
SDU	Service Data Unit
SCS	System Conformance Statement
SUT	System Under Test
TP	Test Purpose
TSS	Test Suite Structure
XRL	IXIT Requirements list

4 DECT NWK layer protocol

4.1 Additional Test Purposes

Figure 1 shows the Network (NWK) Test Suite Structure (TSS) defined in ETS 300 497-6 [19] for the conformance testing.

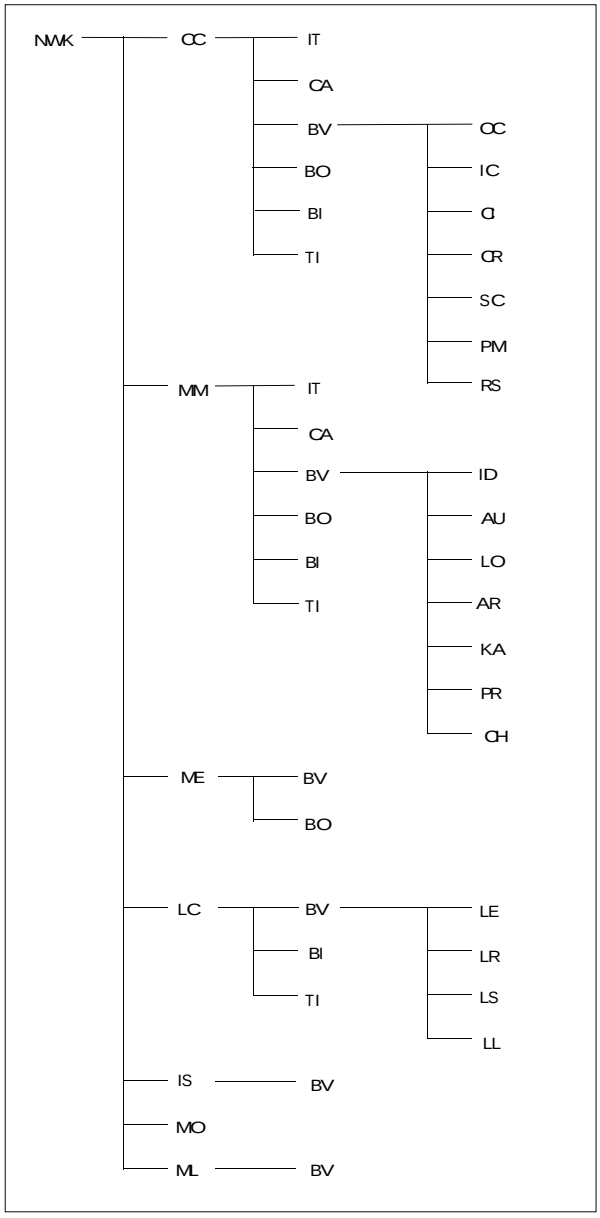

Figure 1: NWK TSS

All test purposes for CC entity of the NWK layer as specified in ETS 300 497-6 [19] apply with no required addition.

All test purposes for LCE entity of the NWK layer as specified in ETS 300 497-6 [19] apply with no required addition.

All test purposes for CISS entity of the NWK layer as specified in ETS 300 497-6 [19] apply with no required addition.

4.2 Abstract test method

As stated in ETS 300 497-7 [20], the ATM used for the DECT NWK layer is the remote embedded test method.

The DECT/ISDN IAP implies no modification for the definition and the use of the ATM.

4.3 Relevant test cases

The test cases defined for the test group "PT/CC/BV/OC" in ETS 300 497-7 [20] relevant for the profile according to their own selection rules are:

- TC_PT_CC_BV_OC_01;
- TC_PT_CC_BV_OC_02;
- TC_PT_CC_BV_OC_03;
- TC_PT_CC_BV_OC_04.

The test cases defined for the test group "PT/CC/BV/IC" in ETS 300 497-7 [20] relevant for the profile according to their own selection rules are:

- TC_PT_CC_BV_IC_01;
- TC_PT_CC_BV_IC_02;
- TC_PT_CC_BV_IC_03;
- TC_PT_CC_BV_IC_04.

The test cases defined for the test group "P/CC/BV/CI" in ETS 300 497-7[20] relevant for the profile according to their own selection rules are:

- TC_FT_CC_BV_CI_01;
- TC_FT_CC_BV_CI_02;
- TC_FT_CC_BV_CI_03;
- TC_FT_CC_BV_CI_04;
- TC_FT_CC_BV_CI_05;
- TC_FT_CC_BV_CI_06;
- TC_FT_CC_BV_CI_07;
- TC_FT_CC_BV_CI_08;
- TC_FT_CC_BV_CI_09;
- TC_FT_CC_BV_CI_10;
- TC_FT_CC_BV_CI_11;
- TC_FT_CC_BV_CI_12;
- TC_FT_CC_BV_CI_13;
- TC_FT_CC_BV_CI_14.

The test cases defined for the test group "PT/CC/BV/CR" in ETS 300 497-7 [20] relevant for the profile according to their own selection rules are:

- TC_PT_CC_BV_CR_01;
- TC_PT_CC_BV_CR_02;
- TC_PT_CC_BV_CR_03;
- TC_PT_CC_BV_CR_04;
- TC_PT_CC_BV_CR_05;
- TC_PT_CC_BV_CR_06;
- TC_PT_CC_BV_CR_07;
- TC_PT_CC_BV_CR_08;
- TC_PT_CC_BV_CR_09;
- TC_PT_CC_BV_CR_10;
- TC_PT_CC_BV_CR_11.

The test cases defined for the test group "PT/CC/BV/RS" in ETS 300 497-7 [20] relevant for the profile according to their own selection rules are:

- TC_PT_CC_BV_RS_01.

The test cases defined for the test group "PT/CC/BO" in ETS 300 497-7 [20] relevant for the profile according to their own selection rules are:

- TC_PT_CC_BO_01;
- TC_PT_CC_BO_02.

The test cases defined for the test group "PT/CC/BI" in ETS 300 497-7 [20] relevant for the profile according to their own selection rules are:

- TC_PT_CC_BI_01;
- TC_PT_CC_BI_02;
- TC_PT_CC_BI_03;
- TC_PT_CC_BI_04.

The test cases defined for the test group "PT/CC/TI" in ETS 300 497-7 [20] relevant for the profile according to their own selection rules are:

- TC_PT_CC_TI_01;
- TC_PT_CC_TI_02;
- TC_PT_CC_TI_03;
- TC_PT_CC_TI_04.

The test cases defined for the test group "PT/LC/BV/LE" in ETS 300 497-7 [20] relevant for the profile according to their own selection rules are:

- TC_PT_LC_BV_LE_01;
- TC_PT_LC_BV_LE_02.

The test cases defined for the test group "PT/LC/BV/LR" in ETS 300 497-7 [20] relevant for the profile according to their own selection rules are:

- TC_PT_LC_BV_LR_01;
- TC_PT_LC_BV_LR_02;
- TC_PT_LC_BV_LR_03.

The test cases defined for the test group "PT/LC/BI" in ETS 300 497-7 [20] relevant for the profile according to their own selection rules are:

- TC_PT_LC_BI_01;
- TC_PT_LC_BI_02;
- TC_PT_LC_BI_03;
- TC_PT_LC_BI_04.

The test cases defined for the test group "PT/IS/BV" in ETS 300 497-7 [20] relevant for the profile according to their own selection rules are:

- TC_FT_IS_BV_02;
- TC_FT_IS_BV_03;
- TC_FT_IS_BV_04.

4.4 Modified Test Cases

Test cases, in witch the following call control messages can be received and sent, are considered as modified test cases due to the new format of these messages:

- CC-SETUP;
- CC-INFO;
- CC-ALERTING;
- CC-CONNECT;
- CC-RELEASE;
- CC-RELEASE-COM.

The new format of these messages implies a set of modified TTCN constraint.

Test cases, in witch the following call control messages can be received, are considered as modified test cases due to the new format of these messages:

- CC-SETUP-ACK;
- CC-CALL-PROC;
- CC-CONNECT-ACK.

The new format of these messages implies a set of modified TTCN constraint.

Test cases, in witch the following CISS messages can be received and sent, are considered as modified test cases due to the new format of these messages:

- FACILITY-ciss;
- CISS-REGISTER;
- CISS-RELEASE-COM.

The new format of these messages implies a set of modified TTCN constraint.

Test cases, in witch the following CISS messages can be received, are considered as modified test cases due to the new format of these messages:

- HOLD-REJECT;
- RETRIEVE-REJECT.

The new format of these messages implies a set of modified TTCN constraint.

Test cases, in witch some messages use the following information elements, are considered as modified test cases due to the new value range of some fields:

- Call attributes;
- IWU-to-IWU;
- Progress indicator.

The new value range of the fields of these information elements implies a set of modified TTCN constraint.

Test cases, in witch the CC_02 timer is used, are considered as modified test cases due to the new value of this timer.

The value of the CC_02 timer (changed from 30s to 36s) shall be updated by modifying the associated test suite parameter.

5 DECT DLC layer protocol

5.1 Additional test purposes

Figure 2 shows the DLC Test Suite Structure (TSS) defined in ETS 300 497-4 [17] for the conformance testing.

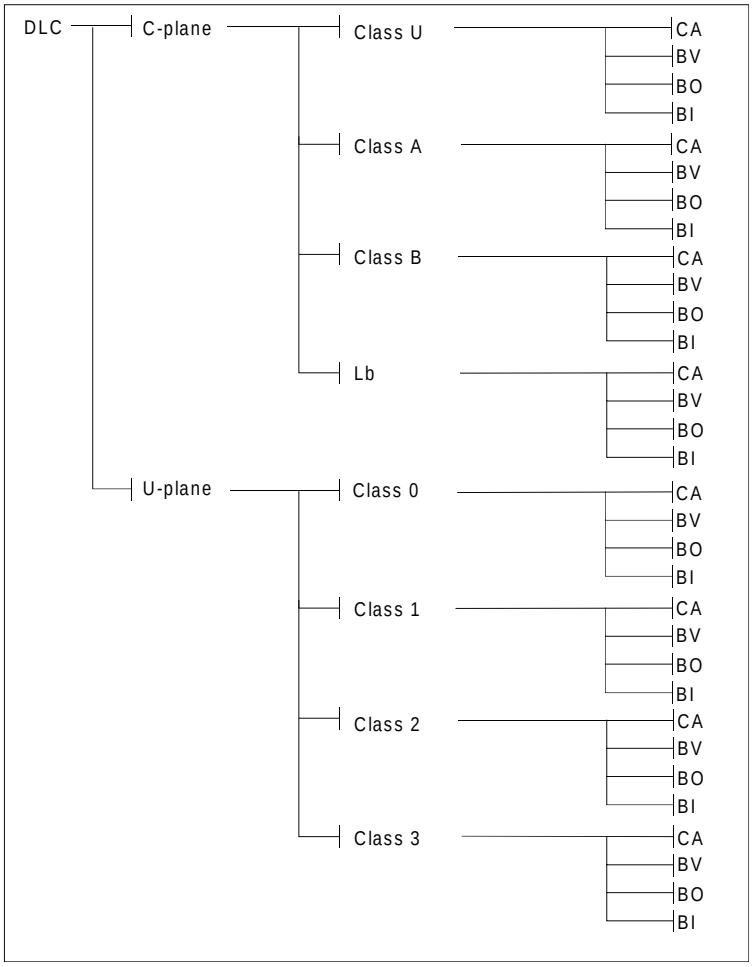

Figure 2: DLC TSS

Additional test purposes for LU7 are added in the functional module "Class 0" and in the corresponding standard main test group CA, BV, BO and BI.

According to the TP naming convention and the existing TP defined in ETS 300 497-4 [17], the identifier to use for the first additional test purpose is "DLC/U-Plane/Class0/TP0V-000".

DLC/U-Plane/Class0/TP0V-000	ETS 300 434-1 [6], subclause B.4.3.2.1 ETS 300 476-2 [10] Protocol ICStable A.28 item 1 Only for an IUT, that transmits a stream of data frames after the establishment of the LU7 service. Initial condition: The LU7 service is established. The IUT received a frame with incorrect checksum, and the IUT's V(O) = 0. Check that the IUT uses the first time transmission procedure with a 64 kbit/s frame format to transmit the next frames.
DLC/U-Plane/Class0/TP0V-001	ETS 300 434-1 [6], subclause B.4.3.2.1 ETS 300 476-2 [10] Protocol ICStable A.28 item 1 Only for an IUT, that transmits a stream of data frames after the establishment of the LU7 service. Initial condition: The LU7 service is established. The IUT received a frame with incorrect checksum, and the IUT's V(O) = (Max. VO value -8). Check that the IUT uses the 72 kbit/s frame format to transmit the next frames.
DLC/U-Plane/Class0/TP0V-002	ETS 300 434-1 [6], subclause B.4.3.2.2 ETS 300 476-2 [10] Protocol ICS table A.28 item 2 Only for an IUT, that transmits a stream of data frames after the establishment of the LU7 service. Initial condition: The LU7 service is established. The IUT received a re-transmit request, and the IUT's V(O) < (Max. VO value). Check that the IUT re-transmits the requested frame with the same frame speed format as the initial sending of this frame.
DLC/U-Plane/Class0/TP0V-003	ETS 300 434-1 [6], subclause B.4.3.2.4 ETS 300 476-2 [10] Protocol ICS table A.28 item 4 Only for an IUT, that transmits a stream of data frames after the establishment of the LU7 service. Initial condition: The LU7 service is established. The IUT received 64 kbit/s frames, and the IUT's V(O) = 0. Check that the IUT acknowledges the received frames by transmitting a frame with N(R) set to the correct value.
DLC/U-Plane/Class0/TP0V-004	ETS 300 434-1 [6], subclause B.4.3.2.5 ETS 300 476-2 [10] Protocol ICS table A.28 item 5 Only for an IUT, that transmits a stream of data frames after the establishment of the LU7 service. Initial condition: The LU7 service is established. The IUT received 64 kbit/s frames, and the IUT's V(O) = 0. Check that the IUT treats the N(R) value contained in a received frame as an acknowledgement for all frames it has transmitted with an N(S) up to this value.

5.2 Abstract test method

As stated in ETS 300 497-5 [18], the ATM used for the DECT DLC layer is the remote embedded test method. The fragmentation and recombination of the CF and CS channels (subset of Lc entity) are considered as a part of the lower layer under the PCO.

The DECT/ISDN IAP implies no modification for the definition and the use of the ATM.

5.3 Relevant test cases

All test cases defined for the test group "DLC/C-Plane/ClassA" in ETS 300 497-5 [18] are relevant for the profile according to their own selection rules.

All test cases defined for the test group "DLC/C-Plane/Lb" in ETS 300 497-5 [18] are relevant for the profile according to their own selection rules.

All test cases defined for the test group "DLC/U-Plane/Class0" in ETS 300 497-5 [18] are relevant for the profile according to their own selection rules.

5.4 Additional test cases

For covering the new test purposes, the derived test cases are:

- TC-0-BV-000;
- TC-0-BV-001;
- TC-0-BV-002;
- TC-0-BV-003;
- TC-0-BV-004.

6 DECT MAC layer protocol

6.1 Additional test purposes

Figure 3 shows the MAC Test Suite Structure (TSS) defined in ETS 300 497-1 [15] for the conformance testing.

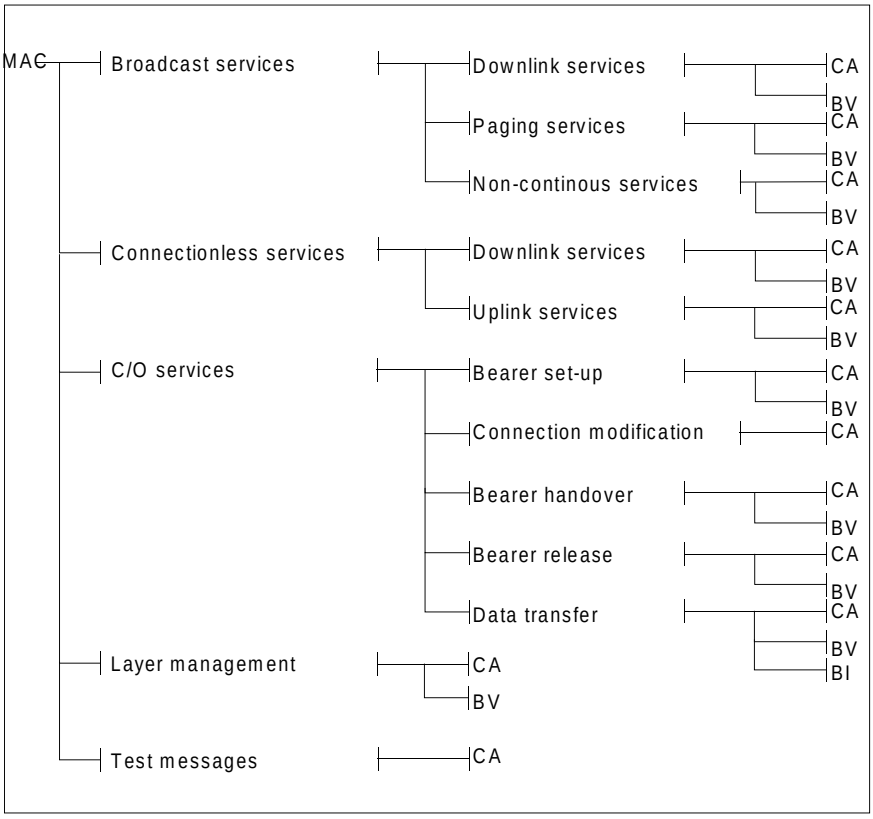

Figure 3: TSS for DECT MAC layer (layer 2a of DECT protocol stack)

The study of the test purposes defined in ETS 300 497-1 [15] express that some new test purposes have to be added.

For 64 kbit/s unrestricted digital information:

additional test purposes shall be defined in "BS/CA" and "BS/BV" test groups for testing setup of advanced symmetric connections (PT initiated - B field single bearer setup procedure);

additional test purposes shall be added in "BR/CA" test group for testing release of advanced symmetric connections (unacknowledged bearer release procedure).

Additionnal BS/CA test purposes:

TP/BS/CA-02	ETS 300 434-2 [7], subclause 7.2.1.1 ETS 300 705-1 [14] Profile ICS RL table B.72 item 3 For PT only. Initial state: Idle_locked. Check that the IUT manages rightly the PT initiated B field single bearer setup procedure without wait messages.
TP/BS/CA-03	ETS 300 434-2 [7], subclause 7.2.1.1 ETS 300 705-1 [14] Profile ICS RL table B.72 item 3 For PT only. Initial state: Idle_locked. Check that the IUT manages rightly the PT initiated B field single bearer setup procedure with wait messages.
TP/BS/BV-01	ETS 300 434-2 [7], subclause 7.2.1.1 ETS 300 705-1 [14] Profile ICS RL table B.72 item 3 Initial state: Active_locked Check that the IUT releases a duplex bearer in case the timer T201 expires during B-field advanced bearer setup procedure.
TP/BR/CA-01	ETS 300 434-2 [7], subclause 7.2.1.1 ETS 300 705-1 [14] Profile ICS RL table B.75 item 1 Initial state: Active_locked Check that the IUT manages rightly an unacknowledged release procedure of an advanced duplex bearer when receiving a B-field release message.

For Paging:

additional test purposes shall be added in "PT/PG/CA" test group for testing full page format of paging messages.

TP/PG/CA-02	ETS 300 434-2 [7], subclause 7.3.2.3 ETS 300 705-1 [14] Profile ICS RL table B.83 item 1 For PT only. Initial state: Idle_locked. Check that the PT can receive a correct full page message.

6.2 Abstract test method

As stated in ETS 300 497-2 [16], the ATM used for the DECT MAC layer is a specific test method using specific MAC layer implementation on the tester.

The DECT/ISDN IAP implies no modification for the definition and the use of the ATM.

6.3 Relevant test cases

The test cases defined for the test group "DB/BV" in ETS 300 497-2 [16] relevant for the profile according to their own selection rules are:

- TC_PT_DB_BV_01.

The test cases defined for the test group "PG/CA" in ETS 300 497-2 [16] relevant for the profile according to their own selection rules are:

- TC_PT_PG_CA_00;
- TC_PT_PG_CA_01.

The test cases defined for the test group "PG/BV" in ETS 300 497-2 [16] relevant for the profile according to their own selection rules are:

- TC_PT_PG_BV_02;
- TC_PT_PG_BV_03.

The test cases defined for the test group "BS/CA" in ETS 300 497-2 [16] relevant for the profile according to their own selection rules are:

- TC_PT_BS_CA_00;
- TC_PT_BS_CA_01.

The test cases defined for the test group "BS/BV" in ETS 300 497-2 [16] relevant for the profile according to their own selection rules are:

- TC_PT_BS_BV_00.

The test cases defined for the test group "BH/CA" in ETS 300 497-2 [16] relevant for the profile according to their own selection rules are:

- TC_PT_BH_CA_00;
- TC_PT_BH_CA_01.

The test cases defined for the test group "BH/BV" in ETS 300 497-2 [16] relevant for the profile according to their own selection rules are:

- TC_PT_BH_BV_00;
- TC_PT_BH_BV_01.

The test cases defined for the test group "BR/CA" in ETS 300 497-2 [16] relevant for the profile according to their own selection rules are:

- TC_PT_BR_CA_00.

The test cases defined for the test group "DT/CA" in ETS 300 497-2 [16] relevant for the profile according to their own selection rules are:

- TC_PT_DT_CA_00;
- TC_PT_DT_CA_01;
- TC_PT_DT_CA_02;
- TC_PT_DT_CA_03;
- TC_PT_DT_CA_04.

The test cases defined for the test group "DT/BV" in ETS 300 497-2 [16] relevant for the profile according to their own selection rules are:

- TC_PT_DT_BV_00;
- TC_PT_DT_BV_01.

The test cases defined for the test group "DT/BI" in ETS 300 497-2 [16] relevant for the profile according to their own selection rules are:

- TC_PT_DT_BI_00.

The test cases defined for the test group "LM/CA" in ETS 300 497-2 [16] relevant for the profile according to their own selection rules are:

- TC_PT_LM_CA_00;
- TC_PT_LM_CA_01;
- TC_PT_LM_CA_02;
- TC_PT_LM_CA_03;
- TC_PT_LM_CA_04.

6.4 Additional test cases

For covering the new defined test purposes of the test group "BS/CA", the additional test cases are:

- TC_PT_BS_CA_02;
- TC_FT_BS_CA_03.

For covering the new defined test purposes of the test group "BS/BV", the additional test cases are:

- TC_PT_BS_BV_01.

For covering the new defined test purposes of the test group "BR/CA", the additional test cases are:

- TC_PT_BR_CA_01.

For covering the new defined test purposes of the test group "PG/CA", the additional test cases are:

- TC_PT_PG_CA_02.

7 DECT PH layer protocol

7.1 Additional test purposes

All requirements for PH layer as specified in prTBR22 [105] apply with no required addition.

7.2 Abstract test method

The ATM and the applicability of the ATS for PH layer as defined in prTBR22 [105] apply.

7.3 Relevant test cases

All test cases for PH layer as specified in prTBR22 [105] apply with no required addition.

8 ISDN supplementary service protocols

8.1 Additional test purposes

There are no explicit needs for additional test purposes. Therefore:

- all test purposes defined in Multiple Subscriber Number (MSN) supplementary service TSS&TP (ETS 300 052-3 [31]) are relevant for the profile and no additional test purposes are defined;

- all test purposes defined in Call Waiting (CW) supplementary service TSS&TP (ETS 300 058-3 [35]) are relevant for the profile and no additional test purposes are defined;

- all test purposes defined in Subaddressing (SUB) supplementary service TSS&TP (ETS 300 061-3 [39]) are relevant for the profile and no additional test purposes are defined;

- all test purposes defined in Direct Dialling In (DDI) supplementary service TSS&TP (ETS 300 064-3 [43]) are relevant for the profile and no additional test purposes are defined;

- all test purposes defined in Calling Line Identification Presentation (CLIP) supplementary service TSS&TP (ETS 300 092-3 [47]) are relevant for the profile and no additional test purposes are defined;

- all test purposes defined in Calling Line Identification Restriction (CLIR) supplementary service TSS&TP (ETS 300 093-3 [51]) are relevant for the profile and no additional test purposes are defined;

- all test purposes defined in Connected Line Identification Presentation (COLP) supplementary service TSS&TP (ETS 300 097-3 [55]) are relevant for the profile and no additional test purposes are defined;

- all test purposes defined in Connected Line Identification Restriction (COLR) supplementary service TSS&TP (ETS 300 098-3 [59]) are relevant for the profile and no additional test purposes are defined;

- all test purposes defined in Malicious Call Identification (MCID) supplementary service TSS&TP (ETS 300 130-3 [63]) are relevant for the profile and no additional test purposes are defined;

- all test purposes defined in Closed User Group (CUG) supplementary service TSS&TP (ETS 300 138-3 [67]) are relevant for the profile and no additional test purposes are defined;

- all test purposes defined in Call Hold (HOLD) supplementary service TSS&TP (ETS 300 141-3 [71]) are relevant for the profile and no additional test purposes are defined;

- all test purposes defined in Advice of Charge (AOC) supplementary service TSS&TP (ETS 300 182-3 [75]) are relevant for the profile and no additional test purposes are defined;

- all test purposes defined in Conference call, add-on (CONF) supplementary service TSS&TP (ETS 300 185-3 [79]) are relevant for the profile and no additional test purposes are defined;

- all test purposes defined in Three-Party (3PTY) supplementary service TSS&TP (ETS 300 188-3 [83]) are relevant for the profile and no additional test purposes are defined;

- all test purposes defined in Diversion supplementary services TSS&TP (ETS 300 207-3 [87]) are relevant for the profile and no additional test purposes are defined;

- all test purposes defined in Freephone (FPH) supplementary service TSS&TP (ETS 300 210-3 [91]) are relevant for the profile and no additional test purposes are defined;

- all test purposes defined in User-to-User Signalling (UUS) supplementary service TSS&TP (ETS 300 286-3 [95]) are relevant for the profile and no additional test purposes are defined;

- all test purposes defined in Completion of Calls to Busy Subscriber (CCBS) supplementary service TSS&TP (ETS 300 359-3 [99]) are relevant for the profile and no additional test purposes are defined;

- all test purposes defined in Explicit Call Transfer (ECT) supplementary service TSS&TP (ETS 300 369-3 [103]) are relevant for the profile and no additional test purposes are defined.

8.2 Abstract test method

The ATM defined in the ATS document for Multiple Subscriber Number (MSN) supplementary service ETS 300 052-4 [32] apply.

The ATM defined in the ATS document for Call Waiting (CW) supplementary service ETS 300 058-4 [36] apply.

The ATM defined in the ATS document for Subaddressing (SUB) supplementary service ETS 300 061-4 [40] apply.

The ATM defined in the ATS document for Direct Dialling In (DDI) supplementary service ETS 300 064-4 [44] apply.

The ATM defined in the ATS document for Calling Line Identification Presentation (CLIP) supplementary service ETS 300 092-4 [48] apply.

The ATM defined in the ATS document for Calling Line Identification Restriction (CLIR) supplementary service ETS 300 093-4 [52] apply.

The ATM defined in the ATS document for Connected Line Identification Presentation (COLP) supplementary service ETS 300 097-4 [56] apply.

The ATM defined in the ATS document for Connected Line Identification Restriction (COLR) supplementary service ETS 300 098-4 [60] apply.

The ATM defined in the ATS document for Malicious Call Identification (MCID) supplementary service ETS 300 130-4 [64] apply.

The ATM defined in the ATS document for Closed User Group (CUG) supplementary service ETS 300 138-4 [68] apply.

The ATM defined in the ATS document for Call Hold (HOLD) supplementary service ETS 300 141-4 [72] apply.

The ATM defined in the ATS document for Advice of Charge (AOC) supplementary service ETS 300 182-4 [76] apply.

The ATM defined in the ATS document for Conference call, add-on (CONF) supplementary service ETS 300 185-4 [80] apply.

The ATM defined in the ATS document for Three-Party (3PTY) supplementary service ETS 300 188-4 [84] apply.

The ATM defined in the ATS document for Diversion supplementary services ETS 300 207-4 [88] apply.

The ATM defined in the ATS document for Freephone (FPH) supplementary service ETS 300 210-4 [92] apply.

The ATM defined in the ATS document for User-to-User Signalling (UUS) supplementary service ETS 300 286-4 [96] apply.

The ATM defined in the ATS document for Completion of Calls to Busy Subscriber (CCBS) supplementary service ETS 300 359-4 [100] apply.

The ATM defined in the ATS document for Explicit Call Transfer (ECT) supplementary service ETS 300 369-4 [104] apply.

8.3 Applicability of ATS

The user side ATS for supplementary services are designed for ISDN terminal equipment. For DECT/ISDN IAP profile, FT part and PT part joined is the ISDN terminal equipment and the service use instance resides on the PT part. Figure 4 indicates how to test PT only.

The tested PT has first to be conformant to GAP profile and all other parts of IAP profile. If not, testing for supplementary services shall not be applied.

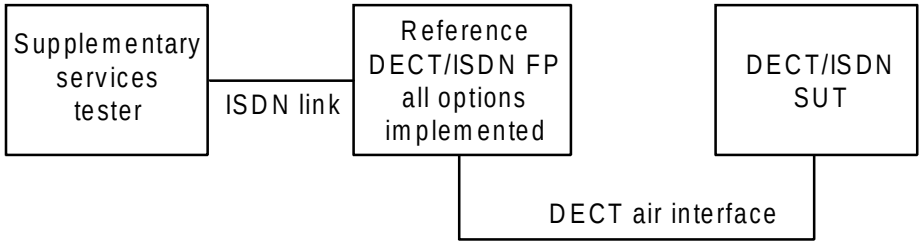

Figure 4: ISDN supplementary services testing at PT

8.4 Relevant test cases

All test cases defined in ETS 300 052-4 [32] apply.

All test cases defined in ETS 300 058-4 [36] apply.

All test cases defined in ETS 300 061-4 [40] apply.

All test cases defined in ETS 300 064-4 [44] apply.

All test cases defined in ETS 300 092-4 [48] apply.

All test cases defined in ETS 300 093-4 [52] apply.

All test cases defined in ETS 300 097-4 [56] apply.

All test cases defined in ETS 300 098-4 [60] apply.

All test cases defined in ETS 300 130-4 [64] apply.

All test cases defined in ETS 300 138-4 [68] apply.

All test cases defined in ETS 300 141-4 [72] apply.

All test cases defined in ETS 300 182-4 [76] apply.

All test cases defined in ETS 300 185-4 [80] apply.

All test cases defined in ETS 300 188-4 [84] apply.

All test cases defined in ETS 300 207-4 [88] apply.

All test cases defined in ETS 300 210-4 [92] apply.

All test cases defined in ETS 300 286-4 [96] apply.

All test cases defined in ETS 300 359-4 [100] apply.

All test cases defined in ETS 300 369-4 [104] apply.

8.5 Additional test cases

According to the requirements of the profile, no additional test cases are defined for Multiple Subscriber Number (MSN) supplementary service.

According to the requirements of the profile, no additional test cases are defined for Call Waiting (CW) supplementary service.

According to the requirements of the profile, no additional test cases are defined for Subaddressing (SUB) supplementary service.

According to the requirements of the profile, no additional test cases are defined for Direct Dialling In (DDI) supplementary service.

According to the requirements of the profile, no additional test cases are defined for Calling Line Identification Presentation (CLIP) supplementary service.

According to the requirements of the profile, no additional test cases are defined for Calling Line Identification Restriction (CLIR) supplementary service.

According to the requirements of the profile, no additional test cases are defined for Connected Line Identification Presentation (COLP) supplementary service.

According to the requirements of the profile, no additional test cases are defined for Connected Line Identification Restriction (COLR) supplementary service.

According to the requirements of the profile, no additional test cases are defined for Malicious Call Identification (MCID) supplementary service.

According to the requirements of the profile, no additional test cases are defined for Closed User Group (CUG) supplementary service.

According to the requirements of the profile, no additional test cases are defined for Call Hold (HOLD) supplementary service.

According to the requirements of the profile, no additional test cases are defined for Advice of Charge (AOC) supplementary service.

According to the requirements of the profile, no additional test cases are defined for Conference call, add-on (CONF) supplementary service.

According to the requirements of the profile, no additional test cases are defined for Three-Party (3PTY) supplementary service.

According to the requirements of the profile, no additional test cases are defined for Diversion supplementary services.

According to the requirements of the profile, no additional test cases are defined for Freephone (FPH) supplementary service.

According to the requirements of the profile, no additional test cases are defined for User-to-User Signalling (UUS) supplementary service.

According to the requirements of the profile, no additional test cases are defined for Completion of Calls to Busy Subscriber (CCBS) supplementary service.

According to the requirements of the profile, no additional test cases are defined for Explicit Call Transfer (ECT) supplementary service.

8.6 Additional selection expression

The tables, hereafter, perform additional expressions to select test cases according to the requirement of the DECT/ISDN IAP profile. The name of the Boolean item use in the selection rule is the same as defined in XRL annex of this specification (Annex D).

To allow the use of these selection rules, this specification does not provide a derived ATS from the base standard ATS. The new selection rules shall be manually applied by the test laboratory.

8.6.1 ISDN MSN supplementary service protocol

The selection expression, described in table 1, shall be used to select test cases in the ATS of the MSN supplementary service protocol (ETS 300 052-4 [32]).

Table 1: MSN selection expression

Expression Name	Selection rule
MSN_SelectAll	IF NOT TSPX_MSN_implemented THEN All test cases shall be de-selected ELSE All test cases shall be selected according to the other selection rules.

8.6.2 ISDN CW supplementary service protocol

The selection expression, described in table 2, shall be use to select test cases in the ATS of the MSN supplementary service protocol (ETS 300 058-4 [36]).

Table 2: CW selection expression

Expression Name	Selection rule
CW_SelectAll	IF NOT TSPX_CW_implemented THEN All test cases shall be de-selected ELSE All test cases shall be selected according to the other selection rules.

8.6.3 ISDN SUB supplementary service protocol

The selection expression, described in table 3, shall be use to select test cases in the ATS of the SUB supplementary service protocol (ETS 300 061-4 [40]).

Table 3: SUB selection expression

Expression Name	Selection rule
SUB_SelectAll	IF NOT TSPX_SUB_implemented THEN All test cases shall be de-selected ELSE All test cases shall be selected according to the other selection rules.

8.6.4 ISDN DDI supplementary service protocol

The selection expression, described in table 4, shall be use to select test cases in the ATS of the DDI supplementary service protocol (ETS 300 064-4 [45].

Table 4: DDI selection expression

Expression Name	Selection rule
DDI_SelectAll	IF NOT TSPX_DDI_implemented THEN All test cases shall be de-selected ELSE All test cases shall be selected according to the other selection rules.

8.6.5 ISDN CLIP supplementary service protocol

The selection expression, described in table 5, shall be use to select test cases in the ATS of the CLIP supplementary service protocol (ETS 300 092-4 [48]).

Table 5: CLIP selection expression

Expression Name	Selection rule
CLIP_SelectAll	IF NOT TSPX_CLIP_implemented THEN All test cases shall be de-selected ELSE All test cases shall be selected according to the other selection rules.

8.6.6 ISDN CLIR supplementary service protocol

The selection expression, described in table 6, shall be use to select test cases in the ATS of the CLIR supplementary service protocol (ETS 300 093-4 [52]).

Table 6: CLIR selection expression

Expression Name	Selection rule
CLIR_SelectAll	IF NOT TSPX_CLIR_implemented THEN All test cases shall be de-selected ELSE All test cases shall be selected according to the other selection rules.

8.6.7 ISDN COLP supplementary service protocol

The selection expression, described in table 7, shall be use to select test cases in the ATS of the COLP supplementary service protocol (ETS 300 097-4 [56]).

Table 7: COLP selection expression

Expression Name	Selection rule
COLP_SelectAll	IF NOT TSPX_COLP_implemented THEN All test cases shall be de-selected ELSE All test cases shall be selected according to the other selection rules.

8.6.8 ISDN COLR supplementary service protocol

The selection expression, described in table 8, shall be use to select test cases in the ATS of the COLR supplementary service protocol (ETS 300 098-4 [60]).

Table 8: COLR selection expression

Expression Name	Selection rule
COLR_SelectAll	IF NOT TSPX_COLR_implemented THEN All test cases shall be de-selected ELSE All test cases shall be selected according to the other selection rules.

8.6.9 ISDN MCID supplementary service protocol

The selection expression, described in table 9, shall be use to select test cases in the ATS of the MCID supplementary service protocol (ETS 300 130-4 [64]).

Table 9: MCID selection expression

Expression Name	Selection rule
MCID_SelectAll	IF NOT TSPX_MCID_implemented THEN All test cases shall be de-selected ELSE All test cases shall be selected according to the other selection rules.

8.6.10 ISDN CUG supplementary service protocol

The selection expression, described in table 10, shall be use to select test cases in the ATS of the CUG supplementary service protocol (ETS 300 138-4 [68]).

Table 10: CUG selection expression

Expression Name	Selection rule
CUG_SelectAll	IF NOT TSPX_CUG_implemented THEN All test cases shall be de-selected ELSE All test cases shall be selected according to the other selection rules.

8.6.11 ISDN CH supplementary service protocol

The selection expression, described in table 11, shall be use to select test cases in the ATS of the CH supplementary service protocol (ETS 300 141-4 [72]).

Table 11: CH selection expression

Expression Name	Selection rule
CH_SelectAll	IF NOT TSPX_CH_implemented THEN All test cases shall be de-selected ELSE All test cases shall be selected according to the other selection rules.

8.6.12 ISDN AOC supplementary service protocol

The selection expression, described in table 12, shall be use to select test cases in the ATS of the AOC supplementary service protocol (ETS 300 182-4 [76]).

Table 12: AOC selection expression

Expression Name	Selection rule
AOC_SelectAll	IF NOT TSPX_AOC_implemented THEN All test cases shall be de-selected ELSE All test cases shall be selected according to the other selection rules.

8.6.13 ISDN CONF supplementary service protocol

The selection expression, described in table 13, shall be use to select test cases in the ATS of the CONF supplementary service protocol (ETS 300 185-4 [80]).

Table 13: CONF selection expression

Expression Name	Selection rule
CONF_SelectAll	IF NOT TSPX_CONF_implemented THEN All test cases shall be de-selected ELSE All test cases shall be selected according to the other selection rules.

8.6.14 ISDN 3PTY supplementary service protocol

The selection expression, described in table 14, shall be use to select test cases in the ATS of the 3PTY supplementary service protocol (ETS 300 188-4 [84]).

Table 14: 3PTY selection expression

Expression Name	Selection rule
3PTY_SelectAll	IF NOT TSPX_3PTY_implemented THEN All test cases shall be de-selected ELSE All test cases shall be selected according to the other selection rules.

8.6.15 ISDN Diversion supplementary service protocol

The selection expression, described in table 15, shall be use to select test cases in the ATS of the Diversion supplementary services protocol (ETS 300 207-4 [88]).

Table 15: Diversion selection expression

Expression Name	Selection rule
Diversion_SelectAll	IF NOT TSPX_Diversion_implemented THEN All test cases shall be de-selected ELSE All test cases shall be selected according to the other selection rules.

8.6.16 ISDN FPH supplementary service protocol

The selection expression, described in table 16, shall be use to select test cases in the ATS of the FPH supplementary service protocol (ETS 300 210-4 [92]).

Table 16: FPH selection expression

Expression Name	Selection rule
FPH_SelectAll	IF NOT TSPX_FPH_implemented THEN All test cases shall be de-selected ELSE All test cases shall be selected according to the other selection rules.

8.6.17 ISDN UUS supplementary service protocol

The selection expression, described in table 17, shall be use to select test cases in the ATS of the UUS supplementary service protocol (ETS 300 286-4 [96]).

Table 17: UUS selection expression

Expression Name	Selection rule
UUS_SelectAll	IF NOT TSPX_UUS_implemented THEN All test cases shall be de-selected ELSE All test cases shall be selected according to the other selection rules.

8.6.18 ISDN CCBS supplementary service protocol

The selection expression, described in table 18, shall be use to select test cases in the ATS of the CCBS supplementary service protocol (ETS 300 359-4 [100]).

Table 18: CCBS selection expression

Expression Name	Selection rule
CCBS_SelectAll	IF NOT TSPX_CCBS_implemented THEN All test cases shall be de-selected ELSE All test cases shall be selected according to the other selection rules.

8.6.19 ISDN ECT supplementary service protocol

The selection expression, described in table 19, shall be use to select test cases in the ATS of the ECT supplementary service protocol (ETS 300 369-4 [104]).

Table 19: ECT selection expression

Expression Name	Selection rule
ECT_SelectAll	IF NOT TSPX_ECT_implemented THEN All test cases shall be de-selected ELSE All test cases shall be selected according to the other selection rules.

9 DECT GAP profile

9.1 Additional test purposes

All requirements for all layer of the GAP profile as specified in prTBR22 [105] apply with no required addition.

9.2 Abstract test method

The ATM and the applicability of the ATS for all layer of the GAP profile as defined in prTBR22 [105] apply.

9.3 Relevant test cases

All test cases for all layer of the GAP profile as specified in prTBR22 [105] apply with no required addition.

10 DECT/ISDN IAP profile

10.1 Profile test suite structure

The test suite is structured as a tree with a first level defined as IAP representing the profile IWU group "DECT/ISDN IWU IAP".

Figure 5 shows the DECT/ISDN IWU Test Suite Structure (TSS) defined for the Conformance Testing.

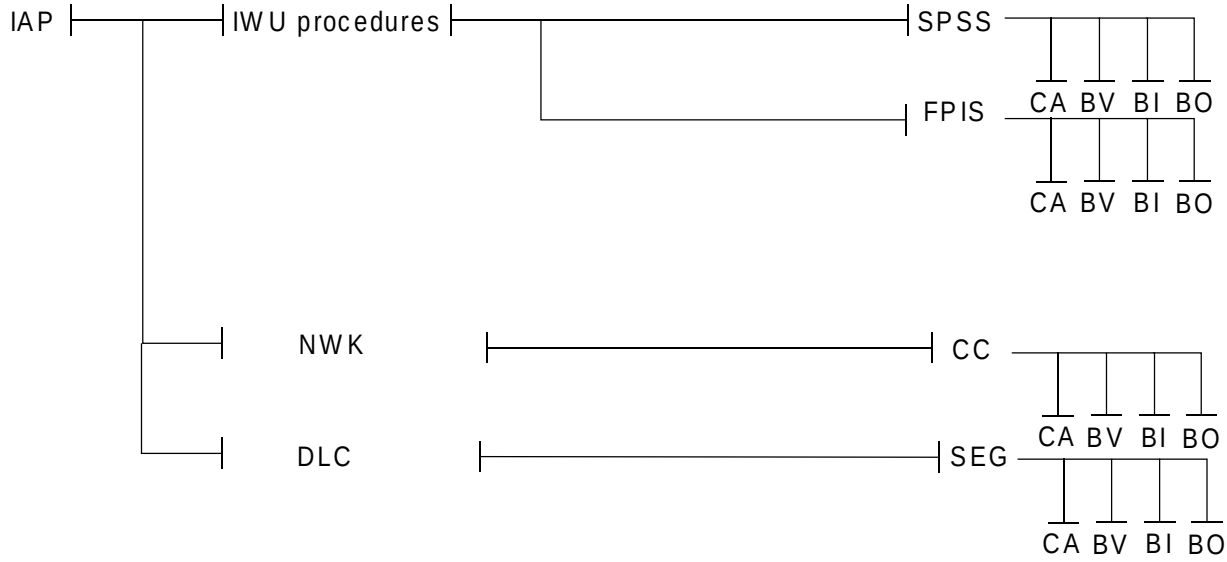

Figure 5: TSS for DECT IAP profile - Portable Termination (PT)

10.1.1 Test groups

The test groups are organised in three levels. The first level creates three protocol groups representing the main functions of the profile. The second level separates each protocol group in functional modules. The last level contains the standard ISO subgroups CA, BV, BO and BI.

10.1.1.1 Protocol groups

The protocol groups are:

The IWU procedures;
The profile specific NWK procedures;
The profile specific DLC procedures.

10.1.1.1.1 The IWU procedures

This protocol group is divided in two functional modules.

The first functional module (SPSS) is the test group designed for the specific procedures for supplementary services.

The second functional module (FPIS) is the test group designed for the procedures of the CISS functional protocol.

10.1.1.1.2 The profile specific NWK procedures

This protocol group has only one functional module.

The functional module (CC) is the test group designed for the procedures defined in the base standard for covering the relationship between the NWK layer and the IWU for call control protocol.

10.1.1.1.3 The profile specific DLC procedures

This protocol group has only one functional module.

The functional module (SEG) is the test group designed for the procedures used in case of receipt of segmented messages.

10.1.1.2 Main test groups

The main test groups are the Capability group (CA), the valid Behaviour group (BV), the inopportune Behaviour group (BO) and the Invalid Behaviour group (BI).

10.1.1.2.1 Capability (CA) tests

This test sub group shall provide limited testing of the major IUT capabilities aiming to assure that the claimed capabilities are correctly supported, in accordance with the PICS.

10.1.1.2.2 Valid Behaviour (BV) tests

This test sub group shall verify that the IUT reacts in conformity with the standard, on receipt or exchange of a valid PDUs. Valid PDUs, means, that the exchange of messages and the content of the exchanged messages are considered as valid.

10.1.1.2.3 Inopportune Behaviour (BO) tests

This test sub group shall verify that the IUT is capable of a valid reaction, when an inopportune protocol event occurs. Such an event is syntactically correct but it occurs when it is not expected.

10.1.1.2.4 Invalid Behaviour (BI) tests

This test sub group shall verify that the IUT reacts in conformity with the standard, on receipt of a syntactically invalid PDU.

10.2 Profile test purposes

10.2.1 TP definition conventions

The TPs are defined following particular rules as shown in the table 20.

Table 20: TP definition rules

TP Id according to the TP naming conventions	Reference. Initial condition. Stimulus. Expected behaviour.
TP Id	The TP Id is a unique identifier it shall be specified according to the TP naming conventions defined in subclause 10.2.2.
Reference	The reference should contain the references of the subject to be validated by the actual TP (specification reference, clause, paragraph).
Condition	The condition defines in which initial state the IUT has to be to apply the actual TP.
Stimulus	The stimulus defines the test event to which the TP is related.
Expected behaviour	Definition of the events that are expected from the IUT to conform to the base specification.

10.2.2 TP naming conventions

The identifier of the TP is built according to table 21:

Table 21: TP naming convention

Identifier:	TP-<fm>-x-<nnn>		
	<fm> = functional module	SPSS	specific SS procedures
		FPIS	CISS functional protocol
		CC	IWU specific CC procedures
		SEG	segmented messages
	x = Type of testing	C	CA, Capability Tests
		V	BV, Valid Behaviour Tests
		O	BO, Inopportune Behaviour Tests
		I	BI, Invalid Behaviour Tests
	<nnn> = sequential number	(000-999)	Test Purpose Number

10.2.3 Sources of TP definitions

All TPs are specified according to ETS 300 434-1 [6] and ETS 300 434-2 [7].

10.2.4 Test purposes for supplementary service specific procedures

TP-SPSS-C-000	ETS 300 434-1 [6], subclause 5.2.2.5.2 ETS 300 705-1 [14] Profile specific ICS table C.12 item 2 Initial state: The CLIR supplementary service is acting. Check that the IUT, include a <<CALLING-PARTY-NUMBER>> element in the {CC-SETUP} message for an outgoing call.
TP-SPSS-C-001	ETS 300 434-1 [6], subclause 5.2.2.5.4 ETS 300 705-1 [14] Profile specific ICS table C.12 item 4 Initial state: The COLR supplementary service is acting. Check that the IUT, include an <<IWU-to-IWU>> element containing an ISDN coded <<CONNECTED-NUMBER>> element in the {CC-CONNECT} message for an incoming call.
TP-SPSS-C-002	ETS 300 434-1 [6], subclause 5.2.2.5.17 ETS 300 705-1 [14] Profile specific ICS table C.12 item 17 Initial state: The UUS1 supplementary service is acting. Check that the IUT, include an <<IWU-to-IWU>> element containing an ISDN coded <<USER-to-USER>> element in the {CC-SETUP} message for an outgoing call.
TP-SPSS-C-003	ETS 300 434-1 [6], subclause 5.2.2.5.18 ETS 300 705-1 [14] Profile specific ICS table C.12 item 18 Initial state: The UUS2 supplementary service is acting. Check that the IUT, include an <<IWU-to-IWU>> element containing an ISDN coded <<USER-to-USER>> element in the {CC-INFO} message the information transfer phase.
TP-SPSS-C-004	ETS 300 434-1 [6], subclause 5.2.2.5.19 ETS 300 705-1 [14] Profile specific ICS table C.12 item 19 Initial state: The UUS3 supplementary service is acting. Check that the IUT, include an <<IWU-to-IWU>> element containing an ISDN coded <<USER-to-USER>> element in the {CC-INFO} message the information transfer phase.

10.2.5 Test purposes for CISS functional protocol procedures

TP-FPIS-C-000	ETS 300 434-1 [6], subclause 5.2.2.4.2 ETS 300 705-1 [14] Profile specific ICS table C.11 item 1 Initial state: The IUT needs to invoke a component or a supplementary service. Check that the IUT, sends an {FACILITY-ciss}, with the TI value set to connectionless, to the tester for invoking a supplementary service component.
TP-FPIS-C-001	ETS 300 434-1 [6], subclause 5.2.2.4.2 ETS 300 705-1 [14] Profile specific ICS table C.11 item 1 Initial state: The IUT needs to invoke a component or a supplementary service with an expected response. Check that the IUT, on receipt of the {FACILITY-ciss} response for the {FACILITY-ciss} sent, release the MAC connection used for the exchange.
TP-FPIS-C-002	ETS 300 434-1 [6], subclause 5.2.2.4.2 ETS 300 705-1 [14] Profile specific ICS table C.11 item 1 Initial state: The IUT needs to invoke a component or a supplementary service with an expected response. Check that the IUT, on expiration of the waiting response timer for the {FACILITY-ciss} sent, release the MAC connection used for the exchange.
TP-FPIS-C-003	ETS 300 434-1 [6], subclause 5.2.2.4.2 ETS 300 705-1 [14] Profile specific ICS table C.11 item 1 Initial state: The IUT needs to invoke a component or a supplementary service with no expected response. Check that the IUT, after sending the {FACILITY-ciss} invoking the supplementary service component, release the MAC connection used for the transmission.

10.2.6 Test purposes for IIWU management of call control protocol

TP-CC-C-000	Incoming_call_reject, Call Control entity rejection. ETS 300 434-2 [7], subclause 5.2 ETS 300 705-1 [14] Profile specific ICS table C.14 item 2 Initial state: The IWU and the Call Control entity are in null state. A MAC connection is established by using paging procedure. Check that the IUT, on receipt of a {CC-SETUP} message with inconsistency between type of frame and class of service in the <<CALL-ATTRIBUTES>> element, rejects the call by sending a {CC-RELEASE-COM} message.
TP-CC-C-001	Incoming_call_reject, Inter working unit rejection. ETS 300 434-2 [7], subclause 5.2 ETS 300 705-1 [14] Profile specific ICS table C.14 item 2 Initial state: The IWU and the Call Control entity are in null state. A MAC connection is established by using paging procedure. Check that the IUT, on receipt of {CC-SETUP} message with a not supported information transfer type in the <<IWU-ATTRIBUTES>> element, rejects the call by sending a {CC-RELEASE-COM} message.

10.2.7 Test purposes for segmented messages

TP-SEG-C-000	DLC more bit procedure ETS 300 434-1 [6], subclause 5.2.3.1 ETS 300 705-1 [14] Profile specific ICS table C.15 item 1 Initial state: A DECT data link is established between FT and PT. Check that the IUT, uses rightly the DLC more bit procedure to build a whole message by concatenating the data units received from the FT.

10.3 Profile Abstract Test Method (ATM)

The figure 6 shows the ATM used for testing the DECT/ISDN IWU of the por table part.

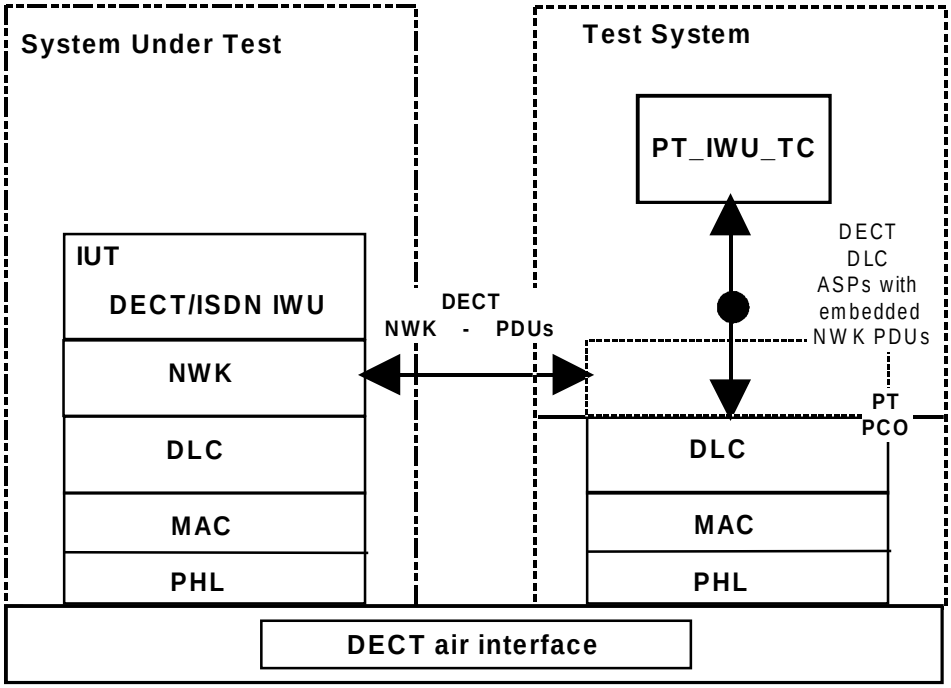

Figure 6: ATM for IWU IAP on PT part

A single-party testing concept is used (Remote Test Method), which consists of the following testing components:

PCO: The PCO, called PT_PCO, is on the SAP of the DECT NWK layer. All test events sent or received through this PCO are specified as ASPs with embedded NPDUs.

PT_IWU_TC: The Abstract Test Suite, located in the test system, contains all test cases needed for conformance to ECT/ISDN IAP. Each test case manages the PT_PCO point, manages the sent or received events and computes the final verdict.

10.4 Profile untestable test purposes

Due to the ATMs chosen for this ATS or other restrictions, the test purposes in table 22 have been identified as being in the untes table category, and therefore have not been derived into final test case:

Table 22: Untestable TPs

Test purpose	Reason
TC-SEG-CA-000	Due to the place of the PCO chosen, it is not possible to observe the behaviour of the DLC layer.

10.5 Profile ATS conventions

This clause describes the conventions applied to define the ATS and gives the naming conventions chosen for the different elements of the ATS.
The ATS conventions are intended to give a better understanding of the ATS but they describe also the conventions made for the development of the ATS, thus for any later maintenance purposes or further development of the ATS the conventions described in this clause shall be considered.

The ATS conventions contain two parts, the naming conventions and the implementation conventions. The naming conventions describe the structure of the naming of all ATS elements. The implementation conventions describe the functional structure of the ATS.

10.5.1 Declarations part naming conventions

This subclause describes the naming conventions chosen for the elements of the ATS declarations part.

10.5.1.1 Type and structured type definitions

The test suite type and test suite structured type identifiers describe the information elements, and are written in uppercase:

EXAMPLE: PROTOCOL_DISCRIMINATOR simple type. FILLSTRING structured type.

10.5.1.2 Operations definitions

The test suite operation identifiers are composed of string in lowercase letters starting by the uppercase string 'TSO_'.

EXAMPLE: TSO_compute _checksum.

10.5.1.3 Parameter declarations

The test suite parameter identifiers are composed of string in lowercase letters starting by the uppercase string 'TSP_'.

EXAMPLE: TSP_window_size.

If the test suite parameter references an ICS item, the letter "C" is added to the standard prefix.

EXAMPLE: TSPC_pics_item_s23.

If the test suite parameter references an IXIT item, the letter "X" is added to the standard prefix.

EXAMPLE: TSPX_pixit_item_2.

If it is possible, complete names as defined in the specifications are used.

10.5.1.4 Selection expression definitions

The naming conventions for the test case selection expression definitions use free text starting with an uppercase letter. The name of the expression shall explain clearly the selection rule. The test case selection expressions are logical combinations of the test suite parameters definitions.

10.5.1.5 Constant declarations

The test suite constant identifiers are composed of string in lowercase letters starting by the uppercase string 'TSC_'.

EXAMPLE: TSC_retry.

Complete names as defined in the specifications are used.

10.5.1.6 Test suite variable declarations

The test suite variable identifiers are composed of string in lowercase letters starting by the uppercase string 'TSV_'.

EXAMPLE: TSV_count.

Exception: If the test suite variable represents a system parameter or value, the name defined in the specifications is used.

EXAMPLE: VR,VS.

10.5.1.7 Test case variable declarations

The test case variable identifiers are composed of string in lowercase letters starting by the uppercase string 'TCV_'.

EXAMPLE: TCV_cr_value.

10.5.1.8 PCO declarations

The point of control and observation identifiers are composed of two or four capital letters, beginning with 'P'.

EXAMPLE: PISDN represents a PCO on ISDN interface in the test equipment. PDECT represents a PCO on DECT interface in the test equipment.

10.5.1.9 Timer declarations

Two kinds of timers can be distinguished:

1) standardised:

Those defined in the standard, e.g. DL_04, use exactly the same name as in the standard, beginning with a capital 'T'.

As there is a tolerance margin accepted for these timers, three values are needed:

- the maximum value allowed, which will use the suffix '_max';

- the minimum value allowed, which will use the suffix '_min';

- the value actually implemented, with no suffix.

EXAMPLE: TDL_04_max, TDL_04_min, and TDL_04.

2) not standardised:

Those not defined in the standard, i.e. for execution use, e. g. a timer waiting for a response. These timers begin with the prefix 'T_', followed by a string in lowercase letters.

EXAMPLE: T_resp represents a timer for controlling the response time of the IUT.

10.5.1.10 ASP type definitions

The identifier of an ASP uses exactly the nearest name as the name defined in the specifications. It is written in uppercases, finishing by an underscore character ('_'), and three capital letters indicating whether it is a request, an indication, a response or a confirmation primitive.

EXAMPLE: DL_RELEASE_REQ for an ASP containing a layer 3 release request passed to layer 2. MAC_DATA_REQ for an ASP containing a layer 2b PDU passed to layer 2a.

10.5.1.11 PDU type definitions

The identifier of a PDU is given in a string in uppercase letters, which represents the layer message.

EXAMPLE: RR for the Receive Ready layer 2 message. DISCONNECT for the DISCONNECT layer 3 message.

Where the message is a composite word, an underscore character ('_') appears in the string.

EXAMPLE: RELEASE_COMPLETE is the RELEASE COMPLETE layer 3 message.

10.5.1.12 Alias definitions

These are used to make the sending and receiving of PDUs within ASPs more understandable when writing the dynamic part of the test suite. This is done by giving the ASP an alias. The alias name indicates the PDU carried by the ASP and whether it is sent or received by the tester.

No aliases are used in the test suite.

10.5.2 Constraints part naming conventions

This subclause describes the naming conventions chosen for the elements of the ATS constraints part.

Constraint identifiers commence with uppercase. The remaining part of the Id name is written in lowercase.

Identifier names of elements concerning the same subject have equivalent names in the declaration and the constraint part:

- Declaration Part: CC_SETUP

- Constraint Part: Cc_setup

The name of the modified constraint describes the particularity of the modified constraint:

E.g. Cc_setup_mand_only (modified Cc_setup with only the mandatory Information Elements).

If formal parameter lists are used, the variable names are written in lowercase. The variable name is the same as the name of the element it is representing.

10.5.3 Dynamic part naming conventions

This subclause describes the naming conventions chosen for the elements of the ATS dynamic part.

10.5.3.1 Test Case identifier

The identifier of a test case is built according to table 23:

Table 23: TC naming convention

Identifier:	TC-<fm>-x-<nnn>			
	<fm>	= functional module	SPSS	specific SS procedures
			FPIS	CISS functional protocol
			CC	IWU specific CC procedures
			SEG	segmented messages
	x	= Type of testing	CA	CA, Capability tests
			BV	BV, Valid Behaviour tests
			BO	BO, Inopportune Behaviour tests
			BI	BI, Invalid Behaviour tests
	<nnn>	= sequential number	(000-999)	test case Number

10.5.3.2 Test Step identifier

The test step identifier is built with a string of lowercase letters leaded by a string of capital letter and joined by an underscore character. The first string indicates the main function of the test step; e.g. PR for preamble, PO for postamble, LTS for local tree name and STP for general step. The second string indicates the meaning of the step.

EXAMPLES:
PR_name;
PO_name;
LTS_name;
STP_name.

10.5.3.3 Default identifier

The Default identifiers begin with the prefix 'DF_', followed by a string in lowercase letters.

10.5.3.4 General aspects

All verdict assignments are labelled. To allow an exact identification in which table the verdict was assigned, the following name convention is applied:

TB test Body;

DF Default;

EH Error handling test steps;

PO POstamble;

PR PReamble;

TS test step.

10.5.3.5 ATS abbreviations

These abbreviations are used to shorten identifier names:

addr	address
ack	acknowledgement
cau	cause
cc	call control
chn	channel
est	establish
ind	indication
mety	message type
mod	modified
par	parameter
pd	protocol discriminator
req	request
rsp	response

10.5.4 Declaration part implementation conventions

The comment line of single element TTCN tables (e.g. test suite constants) is used to give a reference where the format and content of the element are described in the relevant protocol specifications. Any particularity of the element format or content is described in the comment line.

The comment line in the header of multi element TTCN tables (e.g. ASPs) is used to reference to the protocol specification.

The detailed comments are used to describe any particularity of the table.

In the ASP and PDU declarations, the comments column is used to identify if an element is mandatory or optional:

M: mandatory.

In the ASP and PDU declarations the comments column is further used to give information about the element value, in particular if the element contains a fixed spare value.

10.5.5 Constraint part implementation conventions

The ASPs and PDUs are defined in a way that all relevant elements are parametrized. That improves the transparency of the constraints in the dynamic part, as all values which are relevant for the test are always present.

Generally no modified constraints are used, this allows an easier reuse and adaptation of constraints if they are reused in other DECT profile test specifications.

The Comment line of a constraint contains always the reference to the used specifications.

The detailed comments sector is used to describe any particularity of the table.

10.5.6 Dynamic part implementation conventions

Some TCs need a particular initialisation of the IUT environment conditions to run the actual test, e.g. for testing re-provisioning procedures. Such message sequence can be quite complicated and long. In cases where a local test step (LTS) facilitates the TC structure, the preamble and the condition setting are described in a LTS called LTS_pre_step. All LTS_pre_steps are described in the detailed comment part of the TTCN table.

Some TCs need after the actual test a particular re-initialisation of the IUT, e.g. after re-provisioning. Such message sequence can be quite complicated and long. In cases where a local test step (LTS) facilitates the TC structure, the postamble and the re-initialisation are described in a LTS called LTS_post_step. All LTS_post_steps are described in the detailed comment part of the TTCN table.

All events which are defined as a conformance requirement by the TP, cause a preliminary verdict PASS if the requirement is met.

All invalid events are handled in the default tree. Only FAIL verdicts can be assigned in the default tree.

The preamble, the test body and the postamble have different defaults, which allows a specific verdict handling, e.g. only INCONC verdicts are assigned in the preamble.

Test steps do not contain a default. That allows to apply them with no restrictions regarding the error handling.

All verdict assignments are labelled. According to ISO 9646-3 [40], Annex E.2, labels should be written to the conformance log. This allows to identify were the test failed. To allow an exact identification in which table the verdict was assigned, the naming convention as described in subclause 10.5.1.3.4 applied.

The labels of the same type are numbered sequentially if they are in the same TC, test step or default.

TPs which are listed in the untestable TP list, or which reference to an other TP, e.g. BV TPs which were already defined as CA TPs, are not considered in the ATS, thus these TC identifiers are missing in the ATS and the numbering of the TCs is not always continues.

10.5.7 Documentation implementation conventions

The comment line of the TC or test step header contains a reference to the relevant protocol specification.

The comment column of the dynamic behaviour part is used to number the test events which are relevant for the particular test or test operation.

Based on the numbering in the comment column all for the TC relevant events are described in the detailed comments part of each TTCN table.

Test procedures which cover a conformance requirement and lead to a preliminary or final verdict assignment are described as follows in the detailed comments part:

- Expected event: a specific receive event is expected.
- Expected behaviour: no event or a timer expiry is expected.
- Expected status: the IUT is expected to be in a particular status.

10.6 Test case and test purpose mapping

There is a one-to-one mapping between the test case identifiers and the test purpose identifiers. The correspondence rule is given by the following examples:

Test purpose identifier	Test case identifier
TP-FPIS-C-000	TC-FPIS-CA-000

TP-FPIS-V-000	TC-FPIS-BV-000
TP-SPSS-O-000	TC-SPSS-BO-000
TP-SEG-C-000	TC-SEG-CA-000
TP-CC-O-002	TC-CC-BO-002

Annex A (normative): Profile Implementation eXtra Information for Testing (IXIT) proforma for DECT/ISDN IAP profile - Portable radio Termination (PT)

Notwithstanding the provisions of the copyright clause related to the text of the present ETS (see the front page), ETSI grants users of this ETS to freely reproduce the Profile IXIT Proforma in this clause so that it can be used for its intended purposes and may further publish the completed Profile IXIT.

The PIXIT Proforma is based on ISO/IEC 9646-6 [27]. Any additional information needed can be found in this international standard document.

A.1 Identification summary

Table A.1: Identification summary

PIXIT Number:	
Test Laboratory Name:	
Date of Issue:	
Issued to:	

A.2 ATS summary

Table A.2: ATS summary

Protocol Specification:	
Protocol to be tested:	
ATS Specification:	
Abstract Test Method:	

A.3 Test laboratory

Table A.3: Test laboratory

Test Laboratory Identification:	
Test Laboratory Manager:	
Means of Testing:	
SAP Address:	

A.4 Client identification

Table A.4: Client identification

Client Identification:	
Client Test manager:	
Test Facilities required:	

A.5 SUT

Table A.5: SUT

Name:	
Version:	
SCS Number:	
Machine configuration:	
Operating System Identification:	
IUT Identification:	
PICS Reference for IUT:	
Limitations of the SUT:	
Environmental Conditions:	

A.6 Profile information

Table A.6: General parameters

Item	Name and Type	Explanation and answer
1	TSPX_decimal_ac_value Type : OCT_4 (OCTETSTRING[4])	Value of AC to be used. The AC will be entered as maximal 8 decimal digits. The AC to bitstring mapping will be done with operator TSO_convert_ac_to_bitstring. **Value :**
2	TSPX_location_area_level Type : BIT_6 (BITSTRING[6])	The location area level that is going to be used. **Value :**

Table A.7: Portable part parameters

Item	Name and Type	Explanation and answer
1	TSPX_ipei_value Type : PORT_ID_VALUE_TYPE (BITSTRING[8..104])	Value of IPEI (IPUI-N) to be expected from the IUT (before subscription). **Value :**
2	TSPX_ipui_value Type : PORT_ID_VALUE_TYPE (BITSTRING[8..104])	Value of portable_id to be used in case of a IPUI (after subscription). **Value :**
3	TSPX_tpui_value Type : PORT_ID_VALUE_TYPE (BITSTRING[8..104])	Value of tpui to be used, when assigning a tpui to the IUT. **Value :**

Table A.8: Fixed part parameters

Item	Name and Type	Explanation and answer
1	TSPX_ari_rpn_value Type : FIXED_ID_VALUE_TYPE (BITSTRING[8..72])	Value of fixed_id to be used in case of ARI + RPN. **Value :**
2	TSPX_park_value Type : FIXED_ID_VALUE_TYPE (BITSTRING[8..72])	Value of fixed_id to be used in case of PARK. **Value :**

Table A.9: DECT information elements field values

Item	Name and Type	Explanation and answer
1	TSPX_facility_reply Type : FACILITY Complete DECT <<facility>> ie with length, ie identifier and facility information.	<<facility>> ie. for {facilty_ciss} response message needed after invoking a ss component with a connectionless {facility_ciss} message. **Value :**

Table A.10: Supplementary service parameters

Item	Name and Type	Explanation and answer	Value
1	TSPX_clir_activated Type : BOOLEAN	The CLIR supplementary service is implemented and can be activated.	TRUE [ ] FALSE { }
2	TSPX_colr_activated Type : BOOLEAN	The COLR supplementary service is implemented and can be activated.	TRUE [ ] FALSE { }
3	TSPX_uus1_activated Type : BOOLEAN	The UUS1 supplementary service is implemented and can be activated.	TRUE [ ] FALSE { }
4	TSPX_uus2_activated Type : BOOLEAN	The UUS2 supplementary service is implemented and can be activated.	TRUE [ ] FALSE { }
5	TSPX_uus3_activated Type : BOOLEAN	The UUS3 supplementary service is implemented and can be activated.	TRUE [ ] FALSE { }

Annex B (normative): Profile Conformance Test Report (Profile CTR) proforma for DECT/ISDN IAP profile - Portable radio Termination (PT)

Notwithstanding the provisions of the copyright clause related to the text of the present ETS (see the front page), ETSI grants users of this ETS to freely reproduce the Profile CTR proforma in this annex so that it can be used for its intended purposes and may further publish the completed Profile CTR.

The Profile CTR proforma is based on ISO/IEC 9646-5 [26] Any additional information needed can be found in this document.

B.1 Identification summary

B.1.1 Protocol conformance test report

Table B.1: Protocol conformance test report

PCTR Number:	
PCTR Date:	
Test Laboratory Identification:	
Accreditation Status	
Accreditation Reference	
Technical Authority	
Job Title	
Signature	
Test Laboratory Manager:	
Signature:	

B.1.2 IUT identification

Table B.2: IUT identification

Name:	
Version:	
Protocol specification:	
Profile Specific ICS	

B.1.3 Testing environment

Table B.3: Testing environment

Profile specific IXIT:	
ATS Specification:	
Abstract Test Method:	
Means of Testing identification:	
Period of testing:	
Conformance Log reference(s):	
Retention Date for Log reference(s):	

B.1.4 Limits and reservation

The test results presented in this test report apply only to the particular IUT declared in subclause B.1.2, as presented for test in the period declared in subclauses B.1.3, and configured as declared in the relevant IXIT attached to this Profile CTR.

NOTE: *Additional information relevant to the technical contents or further use of the test report, or the rights and obligations of the test laboratory and the client, may be given here. Such information may include restriction on the publication of the report.*

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B.1.5 Comments

NOTE: *Additional comments may be given by either the client or the test laboratory on any of the contents of the Profile CTR, for example, to note disagreement between the two parties.*

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B.2 IUT Conformance status

This IUT has or has not been shown by conformance assessment to be non conforming to the specified profile specification.

Strike the appropriate words in this sentence. If the PICS for this IUT is consistent with the static conformance requirements (as specified in clause 3 in this report) and there are no "FAIL" verdicts to be recorded (in clause 6) strike the words "has or". otherwise strike the words "or has not".

NOTE: *For further details see ISO 9646-5 [26].*

B.3 Static conformance summary

The Profile specific ICS for this IUT is or is not consistent with the static conformance requirements in the specified profile.

Strike the appropriate words in this sentence.

NOTE: *For further details see ISO 9646-5 [26].*

B.4 Dynamic conformance summary

The test campaign did or did not reveal errors in the IUT.

Strike the appropriate words in this sentence. If there are no "FAIL" verdicts to be recorded (in clause 6 of this report) strike the words "did or". otherwise strike the words "or did not".

Summary of the results of groups of test:
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NOTE: *For further details see ISO 9646-5 [26].*

B.5 Static conformance review report

If section 3 indicates non-conformance, this section itemises the mismatches between the PICS and the static conformance requirements of the referenced base and profile specification.

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B.6 Test campaign report

Table B.4: Test campaign report

ATS Reference	Selected ?	Run ?	Verdict	Observations (Reference to any observations made in section 7)
TC-SPSS-CA-000	Yes/No	Yes/No		
TC-SPSS-CA-001	Yes/No	Yes/No		
TC-SPSS-CA-002	Yes/No	Yes/No		
TC-SPSS-CA-003	Yes/No	Yes/No		
TC-SPSS-CA-004	Yes/No	Yes/No		
TC-FPIS-CA-000	Yes/No	Yes/No		
TC-FPIS-CA-001	Yes/No	Yes/No		
TC-FPIS-CA-002	Yes/No	Yes/No		
TC-FPIS-CA-003	Yes/No	Yes/No		
TC-CC-CA-000	Yes/No	Yes/No		
TC-CC-CA-001	Yes/No	Yes/No		

B.7 Observations

NOTE: Additional information relevant to the technical content of the PCTR are given here.

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Annex C (normative): System Conformance Test Report proforma (SCTR) for DECT/ISDN IAP profile - Portable radio Termination (PT)

C.1 Identification summary

C.1.1 System conformance test report

Table C.1: System conformance test report

SCTR Number	
SCTR Date	
Test Laboratory Manager	
Signature	

C.1.2 Test laboratory

Table C.2: Test laboratory

Identification	
Address	
Postal code/city	
Country	
Telephone	
Telefax	
Telex	
Teletex	
E-Mail	

C.1.3 Client identification

Table C.3: Client identification

Identification	
Address	
Postal code/city	
Country	
Telephone	
Telefax	
Telex	
Teletex	
E-Mail	

C.1.4 System Under Test (SUT)

Table C.4: System Under Test (SUT)

Name	
Version	
Supplier	
Dates of testing	
Date of receipt of SUT	
Location of SUT for Testing	
SCS Identifier	

C.1.5 Profile identification

Table C.5: Profile identification

Profile Identification	
Profile Version	
Profile ICS	ETS 300 705-1 [14] Annex C
Profile Specific IXIT	Annex A of this specification (ETSI DE/RES-03018-2)
PTS-Summary	Part 1 of this specifiaction (ETSI DE/RES-03018-1)
PSTS	this specification (ETSI DE/RES-03018-2)

C.1.6 Nature of conformance testing

The purpose of Conformance Testing is to increase the probability that different implementations can interwork in different environments. However, the complexity of OSI protocols makes exhaustive testing impractical on both technical and economic grounds. Furthermore, there is no guarantee that an SUT which has passed all the relevant test cases conforms to a specification. Neither is there any guarantee that such an SUT will interwork with other real open systems. Rather, the passing of the test cases gives confidence that the SUT has the stated capabilities and that its behaviour conforms consistently in representative instances of communication.

C.1.7 Limits and reservations

The test results presented in this test report apply only to the particular SUT and component IUTs declared in subclause C.1.4 and C.1.8, for the functionality described in the referenced SCS and in the ICS referenced in each PCTR, as presented for test in the period declared in section C.1.4 and configured as declared in the relevant IXIT referenced in each PCTR. This SCTR may not be reproduced except in full together with its SCS.

Table C.6: Limits and reservations

NOTE: *Additional information relevant to the technical contents or further use of the test report, or to the rights and obligations of the test laboratory and the client, may be given here. Such information may include restrictions on the publication of the report.*

C.1.8 Record of agreement

A definition of what parts of the SUT were considered to be the IUT during testing, and of the abstract test method and abstract test suite that were used:

Table C.7: Record of agreement

IUT Definition Reference	Protocol	ATM	ATS
	DECT NWK layer		ETS 300 497-7 [20]
	DECT DLC layer		ETS 300 497-5 [18]
	DECT MAC layer		ETS 300 497-2 [16]
	DECT PH layer		ETS 300 176 [8]
	ISDN MSN supplementary service		ETS 300 052-4 [32]
	ISDN CW supplementary service		ETS 300 058-4 [36]
	ISDN SUB supplementary service		ETS 300 061-4 [40]
	ISDN DDI supplementary service		ETS 300 064-4 [44]
	ISDN CLIP supplementary service		ETS 300 092-4 [48]
	ISDN CLIR supplementary service		ETS 300 093-4 [52]
	ISDN COLP supplementary service		ETS 300 097-4 [56]
	ISDN COLR supplementary service		ETS 300 098-4 [60]
	ISDN MCID supplementary service		ETS 300 130-4 [64]
	ISDN CUG supplementary service		ETS 300 138-4 [68]
	ISDN CH supplementary service		ETS 300 141-4 [72]
	ISDN AOC supplementary service		ETS 300 182-4 [76]
	ISDN CONF supplementary service		ETS 300 185-4 [80]
	ISDN 3PTY supplementary service		ETS 300 188-4 [84]
	ISDN Diversion supplementary service		ETS 300 207-4 [88]
	ISDN FPH supplementary service		ETS 300 210-4 [92]
	ISDN UUS supplementary service		ETS 300 286-4 [96]
	ISDN CCBS supplementary service		ETS 300 359-4 [100]
	ISDN ECT supplementary service		ETS 300 369-4 [104]
	GAP Profile		prTBR 22 [105]
	IAP Profile		This specification (ETSI DE/RES-03018-2)

C.1.9 Comments

Table C.8: Comments

Additional comments reference in annex:	

NOTE: *Additional comments may be given by either the client or test laboratory on any of the contents of the SCTR, for example, to note disagreement between the two parties.*

C.2 System report summary for DECT/ISDN IAP PT

C.2.1 Profile testing summary for DECT NWK layer protocol

Table C.9: DECT NWK layer protocol

Accreditation status	
Accreditation reference	
Implementation identifier	
IUT definition reference	
Protocol specification	ETS 300 175-5 [4]
ICS	ETS 300 476-1 [9]
IXIT	ETS 300 497-7 [20]
PCTR Number	
PCTR Date	
ATS specification	ETS 300 497-7 [20]
ATM	Remote
Means of Testing identifier	
Conformance Status: Static conformance errors?	Yes / No
Conformance Status: Dynamic conformance errors?	Yes / No
Number of Test cases run:	
Number of Test cases Passed:	
Number of Test cases Inconclusive:	
Number of Test cases Failed:	
Observations:	

C.2.2 Profile testing summary for DECT DLC layer protocol

Table C.10: DECT DLC layer protocol

Accreditation status	
Accreditation reference	
Implementation identifier	
IUT definition reference	
Protocol specification	ETS 300 175-4 [3]
ICS	ETS 300 476-2 [10]
IXIT	ETS 300 497-5 [18]
PCTR Number	
PCTR Date	
ATS specification	ETS 300 497-5 [18]
ATM	ETS 300 497-5 [18]
Means of Testing identifier	
Conformance Status: Static conformance errors?	Yes / No
Conformance Status: Dynamic conformance errors?	Yes / No
Number of Test cases run:	
Number of Test cases Passed:	
Number of Test cases Inconclusive:	
Number of Test cases Failed:	
Observations:	

C.2.3 Profile testing summary for DECT MAC layer protocol

Table C.11: DECT MAC layer protocol

Accreditation status	
Accreditation reference	
Implementation identifier	
IUT definition reference	
Protocol specification	ETS 300 175-3 [2]
ICS	ETS 300 476-3 [11]
IXIT	ETS 300 497-2 [16]
PCTR Number	
PCTR Date	
ATS specification	ETS 300 497-2 [16]
ATM	ETS 300 497-2 [16]
Means of Testing identifier	
Conformance Status: Static conformance errors?	Yes / No
Conformance Status: Dynamic conformance errors?	Yes / No
Number of Test cases run:	
Number of Test cases Passed:	
Number of Test cases Inconclusive:	
Number of Test cases Failed:	
Observations:	

C.2.4 Profile testing summary for DECT PH layer protocol

Table C.12: DECT PH layer protocol

Accreditation status	
Accreditation reference	
Implementation identifier	
IUT definition reference	
Protocol specification	ETS 300 175-2 [1]
ICS	ETS 300 476-7 [12]
IXIT	-
PCTR Number	
PCTR Date	
ATS specification	ETS 300 176 [8]
ATM	-
Means of Testing identifier	
Conformance Status: Static conformance errors?	Yes / No
Conformance Status: Dynamic conformance errors?	Yes / No
Number of Test cases run:	
Number of Test cases Passed:	
Number of Test cases Inconclusive:	
Number of Test cases Failed:	
Observations:	

C.2.5 Profile testing summary for ISDN MSN supplementary service protocol

Table C.13: ISDN MSN supplementary service protocol

Accreditation status	
Accreditation reference	
Implementation identifier	
IUT definition reference	
Protocol specification	ETS 300 052-1 [29]
ICS	ETS 300 052-2 [30]
IXIT	ETS 300 052-4 [32]
PCTR Number	
PCTR Date	
ATS specification	ETS 300 052-4 [32]
ATM	ETS 300 052-4 [32]
Means of Testing identifier	
Conformance Status: Static conformance errors?	Yes / No
Conformance Status: Dynamic conformance errors?	Yes / No
Number of Test cases run:	
Number of Test cases Passed:	
Number of Test cases Inconclusive:	
Number of Test cases Failed:	
Observations:	

C.2.6 Profile testing summary for ISDN CW supplementary service protocol

Table C.14: ISDN CW supplementary service protocol

Accreditation status	
Accreditation reference	
Implementation identifier	
IUT definition reference	
Protocol specification	ETS 300 058-1 [33]
ICS	ETS 300 058-2 [34]
IXIT	ETS 300 058-4 [36]
PCTR Number	
PCTR Date	
ATS specification	ETS 300 058-4 [36]
ATM	ETS 300 058-4 [36]
Means of Testing identifier	
Conformance Status: Static conformance errors?	Yes / No
Conformance Status: Dynamic conformance errors?	Yes / No
Number of Test cases run:	
Number of Test cases Passed:	
Number of Test cases Inconclusive:	
Number of Test cases Failed:	
Observations:	

C.2.7 Profile testing summary for ISDN SUB supplementary service protocol

Table C.15: ISDN SUB supplementary service protocol

Accreditation status	
Accreditation reference	
Implementation identifier	
IUT definition reference	
Protocol specification	ETS 300 061-1 [37]
ICS	ETS 300 061-2 [38]
IXIT	ETS 300 061-4 [40]
PCTR Number	
PCTR Date	
ATS specification	ETS 300 061-4 [40]
ATM	ETS 300 061-4 [40]
Means of Testing identifier	
Conformance Status: Static conformance errors?	Yes / No
Conformance Status: Dynamic conformance errors?	Yes / No
Number of Test cases run:	
Number of Test cases Passed:	
Number of Test cases Inconclusive:	
Number of Test cases Failed:	
Observations:	

C.2.8 Profile testing summary for ISDN DDI supplementary service protocol

Table C.16: ISDN DDI supplementary service protocol

Accreditation status	
Accreditation reference	
Implementation identifier	
IUT definition reference	
Protocol specification	ETS 300 064-1 [41]
ICS	ETS 300 064-2 [42]
IXIT	ETS 300 064-4 [44]
PCTR Number	
PCTR Date	
ATS specification	ETS 300 064-4 [44]
ATM	ETS 300 064-4 [44]
Means of Testing identifier	
Conformance Status: Static conformance errors?	Yes / No
Conformance Status: Dynamic conformance errors?	Yes / No
Number of Test cases run:	
Number of Test cases Passed:	
Number of Test cases Inconclusive:	
Number of Test cases Failed:	
Observations:	

C.2.9 Profile testing summary for ISDN CLIP supplementary service protocol

Table C.17: ISDN CLIP supplementary service protocol

Accreditation status	
Accreditation reference	
Implementation identifier	
IUT definition reference	
Protocol specification	ETS 300 092-1 [45]
ICS	ETS 300 092-2 [46]
IXIT	ETS 300 092-4 [48]
PCTR Number	
PCTR Date	
ATS specification	ETS 300 092-4 [48]
ATM	ETS 300 092-4 [48]
Means of Testing identifier	
Conformance Status: Static conformance errors?	Yes / No
Conformance Status: Dynamic conformance errors?	Yes / No
Number of Test cases run:	
Number of Test cases Passed:	
Number of Test cases Inconclusive:	
Number of Test cases Failed:	
Observations:	

C.2.10 Profile testing summary for ISDN CLIR supplementary service protocol

Table C.18: ISDN CLIR supplementary service protocol

Accreditation status	
Accreditation reference	
Implementation identifier	
IUT definition reference	
Protocol specification	ETS 300 093-1 [49]
ICS	ETS 300 093-2 [50]
IXIT	ETS 300 093-4 [52]
PCTR Number	
PCTR Date	
ATS specification	ETS 300 093-4 [52]
ATM	ETS 300 093-4 [52]
Means of Testing identifier	
Conformance Status: Static conformance errors?	Yes / No
Conformance Status: Dynamic conformance errors?	Yes / No
Number of Test cases run:	
Number of Test cases Passed:	
Number of Test cases Inconclusive:	
Number of Test cases Failed:	
Observations:	

C.2.11 Profile testing summary for ISDN COLP supplementary service protocol

Table C.19: ISDN COLP supplementary service protocol

Accreditation status	
Accreditation reference	
Implementation identifier	
IUT definition reference	
Protocol specification	ETS 300 097-1 [53]
ICS	ETS 300 097-2 [54]
IXIT	ETS 300 097-4 [56]
PCTR Number	
PCTR Date	
ATS specification	ETS 300 097-4 [56]
ATM	ETS 300 097-4 [56]
Means of Testing identifier	
Conformance Status: Static conformance errors?	Yes / No
Conformance Status: Dynamic conformance errors?	Yes / No
Number of Test cases run:	
Number of Test cases Passed:	
Number of Test cases Inconclusive:	
Number of Test cases Failed:	
Observations:	

C.2.12 Profile testing summary for ISDN COLR supplementary service protocol

Table C.20: ISDN COLR supplementary service protocol

Accreditation status	
Accreditation reference	
Implementation identifier	
IUT definition reference	
Protocol specification	ETS 300 098-1 [57]
ICS	ETS 300 098-2 [58]
IXIT	ETS 300 098-4 [60]
PCTR Number	
PCTR Date	
ATS specification	ETS 300 098-4 [60]
ATM	ETS 300 098-4 [60]
Means of Testing identifier	
Conformance Status: Static conformance errors?	Yes / No
Conformance Status: Dynamic conformance errors?	Yes / No
Number of Test cases run:	
Number of Test cases Passed:	
Number of Test cases Inconclusive:	
Number of Test cases Failed:	
Observations:	

C.2.13 Profile testing summary for ISDN MCID supplementary service protocol

Table C.21: ISDN MCID supplementary service protocol

Accreditation status	
Accreditation reference	
Implementation identifier	
IUT definition reference	
Protocol specification	ETS 300 130-1 [61]
ICS	ETS 300 130-2 [62]
IXIT	ETS 300 130-4 [64]
PCTR Number	
PCTR Date	
ATS specification	ETS 300 130-4 [64]
ATM	ETS 300 130-4 [64]
Means of Testing identifier	
Conformance Status: Static conformance errors?	Yes / No
Conformance Status: Dynamic conformance errors?	Yes / No
Number of Test cases run:	
Number of Test cases Passed:	
Number of Test cases Inconclusive:	
Number of Test cases Failed:	
Observations:	

C.2.14 Profile testing summary for ISDN CUG supplementary service protocol

Table C.22: ISDN CUG supplementary service protocol

Accreditation status	
Accreditation reference	
Implementation identifier	
IUT definition reference	
Protocol specification	ETS 300 138-1 [65]
ICS	ETS 300 138-2 [66]
IXIT	ETS 300 138-4 [68]
PCTR Number	
PCTR Date	
ATS specification	ETS 300 138-4 [68]
ATM	ETS 300 138-4 [68]
Means of Testing identifier	
Conformance Status: Static conformance errors?	Yes / No
Conformance Status: Dynamic conformance errors?	Yes / No
Number of Test cases run:	
Number of Test cases Passed:	
Number of Test cases Inconclusive:	
Number of Test cases Failed:	
Observations:	

C.2.15 Profile testing summary for ISDN CH supplementary service protocol

Table C.23: ISDN CH supplementary service protocol

Accreditation status	
Accreditation reference	
Implementation identifier	
IUT definition reference	
Protocol specification	ETS 300 141-1 [69]
ICS	ETS 300 141-2 [70]
IXIT	ETS 300 141-4 [72]
PCTR Number	
PCTR Date	
ATS specification	ETS 300 141-4 [72]
ATM	ETS 300 141-4 [72]
Means of Testing identifier	
Conformance Status: Static conformance errors?	Yes / No
Conformance Status: Dynamic conformance errors?	Yes / No
Number of Test cases run:	
Number of Test cases Passed:	
Number of Test cases Inconclusive:	
Number of Test cases Failed:	
Observations:	

C.2.16 Profile testing summary for ISDN AOC supplementary service protocol

Table C.24: ISDN AOC supplementary service protocol

Accreditation status	
Accreditation reference	
Implementation identifier	
IUT definition reference	
Protocol specification	ETS 300 182-1 [73]
ICS	ETS 300 182-2 [74]
IXIT	ETS 300 182-4 [76]
PCTR Number	
PCTR Date	
ATS specification	ETS 300 182-4 [76]
ATM	ETS 300 182-4 [76]
Means of Testing identifier	
Conformance Status: Static conformance errors?	Yes / No
Conformance Status: Dynamic conformance errors?	Yes / No
Number of Test cases run:	
Number of Test cases Passed:	
Number of Test cases Inconclusive:	
Number of Test cases Failed:	
Observations:	

C.2.17 Profile testing summary for ISDN CONF supplementary service protocol

Table C.25: ISDN CONF supplementary service protocol

Accreditation status	
Accreditation reference	
Implementation identifier	
IUT definition reference	
Protocol specification	ETS 300 185-1 [77]
ICS	ETS 300 185-2 [78]
IXIT	ETS 300 185-4 [80]
PCTR Number	
PCTR Date	
ATS specification	ETS 300 185-4 [80]
ATM	ETS 300 185-4 [80]
Means of Testing identifier	
Conformance Status: Static conformance errors?	Yes / No
Conformance Status: Dynamic conformance errors?	Yes / No
Number of Test cases run:	
Number of Test cases Passed:	
Number of Test cases Inconclusive:	
Number of Test cases Failed:	
Observations:	

C.2.18 Profile testing summary for ISDN 3PTY supplementary service protocol

Table C.26: ISDN 3PTY supplementary service protocol

Accreditation status	
Accreditation reference	
Implementation identifier	
IUT definition reference	
Protocol specification	ETS 300 188-1 [81]
ICS	ETS 300 188-2 [82]
IXIT	ETS 300 188-4 [84]
PCTR Number	
PCTR Date	
ATS specification	ETS 300 188-4 [84]
ATM	ETS 300 188-4 [84]
Means of Testing identifier	
Conformance Status: Static conformance errors?	Yes / No
Conformance Status: Dynamic conformance errors?	Yes / No
Number of Test cases run:	
Number of Test cases Passed:	
Number of Test cases Inconclusive:	
Number of Test cases Failed:	
Observations:	

C.2.19 Profile testing summary for ISDN Diversion supplementary service protocol

Table C.27: ISDN Diversion supplementary service protocol

Accreditation status	
Accreditation reference	
Implementation identifier	
IUT definition reference	
Protocol specification	ETS 300 207-1 [85]
ICS	ETS 300 207-2 [86]
IXIT	ETS 300 207-4 [88]
PCTR Number	
PCTR Date	
ATS specification	ETS 300 207-4 [88]
ATM	ETS 300 207-4 [88]
Means of Testing identifier	
Conformance Status: Static conformance errors?	Yes / No
Conformance Status: Dynamic conformance errors?	Yes / No
Number of Test cases run:	
Number of Test cases Passed:	
Number of Test cases Inconclusive:	
Number of Test cases Failed:	
Observations:	

C.2.20 Profile testing summary for ISDN FPH supplementary service protocol

Table C.28: ISDN FPH supplementary service protocol

Accreditation status	
Accreditation reference	
Implementation identifier	
IUT definition reference	
Protocol specification	ETS 300 210-1 [89]
ICS	ETS 300 210-2 [90]
IXIT	ETS 300 210-4 [92]
PCTR Number	
PCTR Date	
ATS specification	ETS 300 210-4 [92]
ATM	ETS 300 210-4 [92]
Means of Testing identifier	
Conformance Status: Static conformance errors?	Yes / No
Conformance Status: Dynamic conformance errors?	Yes / No
Number of Test cases run:	
Number of Test cases Passed:	
Number of Test cases Inconclusive:	
Number of Test cases Failed:	
Observations:	

C.2.21 Profile testing summary for ISDN UUS supplementary service protocol

Table C.29: ISDN UUS supplementary service protocol

Accreditation status	
Accreditation reference	
Implementation identifier	
IUT definition reference	
Protocol specification	ETS 300 286-1 [93]
ICS	ETS 300 286-2 [94]
IXIT	ETS 300 286-4 [96]
PCTR Number	
PCTR Date	
ATS specification	ETS 300 286-4 [96]
ATM	ETS 300 286-4 [96]
Means of Testing identifier	
Conformance Status: Static conformance errors?	Yes / No
Conformance Status: Dynamic conformance errors?	Yes / No
Number of Test cases run:	
Number of Test cases Passed:	
Number of Test cases Inconclusive:	
Number of Test cases Failed:	
Observations:	

C.2.22 Profile testing summary for ISDN CCBS supplementary service protocol

Table C.30: ISDN CCBS supplementary service protocol

Accreditation status	
Accreditation reference	
Implementation identifier	
IUT definition reference	
Protocol specification	ETS 300 359-1 [97]
ICS	ETS 300 359-2 [98]
IXIT	ETS 300 359-4 [100]
PCTR Number	
PCTR Date	
ATS specification	ETS 300 359-4 [100]
ATM	ETS 300 359-4 [100]
Means of Testing identifier	
Conformance Status: Static conformance errors?	Yes / No
Conformance Status: Dynamic conformance errors?	Yes / No
Number of Test cases run:	
Number of Test cases Passed:	
Number of Test cases Inconclusive:	
Number of Test cases Failed:	
Observations:	

C.2.23 Profile testing summary for ISDN ECT supplementary service protocol

Table C.31: ISDN ECT supplementary service protocol

Accreditation status	
Accreditation reference	
Implementation identifier	
IUT definition reference	
Protocol specification	ETS 300 369-1 [101]
ICS	ETS 300 369-2 [102]
IXIT	ETS 300 369-4 [104]
PCTR Number	
PCTR Date	
ATS specification	ETS 300 369-4 [104]
ATM	ETS 300 369-4 [104]
Means of Testing identifier	
Conformance Status: Static conformance errors?	Yes / No
Conformance Status: Dynamic conformance errors?	Yes / No
Number of Test cases run:	
Number of Test cases Passed:	
Number of Test cases Inconclusive:	
Number of Test cases Failed:	
Observations:	

C.2.24 Profile testing summary for DECT GAP Profile

Table C.32: DECT GAP Profile

Accreditation status	
Accreditation reference	
Implementation identifier	
IUT definition reference	
Protocol specification	ETS 300 444 [5]
ICS	ETS 300 474-1 [13]
IXIT	ETS 300 494-2 [21]
PCTR Number	
PCTR Date	
ATS specification	prTBR 22 [105]
ATM	prTBR 22 [105]
Means of Testing identifier	
Conformance Status: Static conformance errors?	Yes / No
Conformance Status: Dynamic conformance errors?	Yes / No
Number of Test cases run:	
Number of Test cases Passed:	
Number of Test cases Inconclusive:	
Number of Test cases Failed:	
Observations:	

C.2.25 Profile testing summary for DECT/ISDN IAP Profile

Table C.33: DECT/ISDN IAP Profile

Accreditation status	
Accreditation reference	
Implementation identifier	
IUT definition reference	
Protocol specification	ETS 300 434-1 [6] and ETS 300 434-2 [7]
ICS	ETS 300 705-1 [14] Annex C
IXIT	This specification (ETSI DE/RES-03018-2)
PCTR Number	
PCTR Date	
ATS specification	This specification (ETSI DE/RES-03018-2)
ATM	This specification (ETSI DE/RES-03018-2)
Means of Testing identifier	
Conformance Status: Static conformance errors?	Yes / No
Conformance Status: Dynamic conformance errors?	Yes / No
Number of Test cases run:	
Number of Test cases Passed:	
Number of Test cases Inconclusive:	
Number of Test cases Failed:	
Observations:	

Annex D (normative): Profile eXtra Requirement List (XRL) proforma for DECT/ISDN IAP profile - Portable radio Termination (PT)

Notwithstanding the provisions of the copyright clause related to the text of this ETS, ETSI grants that users of this ETS may freely reproduce the XRL proforma in this annex so that it can be used for its intended purposes and may further publish the completed XRL.

Depending of the SUT, ISDN supplementary services may or may not be implemented. The tables, hereafter are additional tables for the referred PIXIT of each ISDN supplementary service. The tables define Boolean items use for additional test case selection expression.

D.1 ISDN MSN supplementary service protocol

Additional table for the PIXIT of MSN supplementary service protocol (ETS 300 052-4 [32]).

Table D.1: MSN implementation status

Item Name	Item Type	Question	Value
TSPX_MSN_implemented	Boolean	Is the ISDN MSN supplementary service protocol implemented?	TRUE [ ] FALSE [ ]

D.2 ISDN CW supplementary service protocol

Additional table for the PIXIT of CW supplementary service protocol (ETS 300 058-4 [36]).

Table D.2: CW implementation status

Item Name	Item Type	Question	Value
TSPX_CW_implemented	Boolean	Is the ISDN CW supplementary service protocol implemented?	TRUE [ ] FALSE [ ]

D.3 ISDN SUB supplementary service protocol

Additional table for the PIXIT of SUB supplementary service protocol (ETS 300 061-4 [40]).

Table D.3: SUB implementation status

Item Name	Item Type	Question	Value
TSPX_SUB_implemented	Boolean	Is the ISDN SUB supplementary service protocol implemented?	TRUE [ ] FALSE [ ]

D.4 ISDN DDI supplementary service protocol

Additional table for the PIXIT of DDI supplementary service protocol (ETS 300 064-4 [45).

Table D.4: DDI implementation status

Item Name	Item Type	Question	Value
TSPX_DDI_implemented	Boolean	Is the ISDN DDI supplementary service protocol implemented?	TRUE [ ] FALSE [ ]

D.5 ISDN CLIP supplementary service protocol

Additional table for the PIXIT of CLIP supplementary service protocol (ETS 300 092-4 [48]).

Table D.5: CLIP implementation status

Item Name	Item Type	Question	Value
TSPX_CLIP_implemented	Boolean	Is the ISDN CLIP supplementary service protocol implemented?	TRUE [ ] FALSE [ ]

D.6 ISDN CLIR supplementary service protocol

Additional table for the PIXIT of CLIR supplementary service protocol (ETS 300 093-4 [52]).

Table D.6: CLIR implementation status

Item Name	Item Type	Question	Value
TSPX_CLIR_implemented	Boolean	Is the ISDN CLIR supplementary service protocol implemented?	TRUE [ ] FALSE [ ]

D.7 ISDN COLP supplementary service protocol

Additional table for the PIXIT of COLP supplementary service protocol (ETS 300 097-4 [56]).

Table D.7: COLP implementation status

Item Name	Item Type	Question	Value
TSPX_COLP_implemented	Boolean	Is the ISDN COLP supplementary service protocol implemented?	TRUE [ ] FALSE [ ]

D.8 ISDN COLR supplementary service protocol

Additional table for the PIXIT of COLR supplementary service protocol (ETS 300 098-4 [60]).

Table D.8: COLR implementation status

Item Name	Item Type	Question	Value
TSPX_COLR_implemented	Boolean	Is the ISDN COLR supplementary service protocol implemented?	TRUE [ ] FALSE [ ]

D.9 ISDN MCID supplementary service protocol

Additional table for the PIXIT of MCID supplementary service protocol (ETS 300 130-4 [64]).

Table D.9: MCID implementation status

Item Name	Item Type	Question	Value
TSPX_MCID_implemented	Boolean	Is the ISDN MCID supplementary service protocol implemented?	TRUE [ ] FALSE [ ]

D.10 ISDN CUG supplementary service protocol

Additional table for the PIXIT of CUG supplementary service protocol (ETS 300 138-4 [68]).

Table D.10: CUG implementation status

Item Name	Item Type	Question	Value
TSPX_CUG_implemented	Boolean	Is the ISDN CUG supplementary service protocol implemented?	TRUE [ ] FALSE [ ]

D.11 ISDN CH supplementary service protocol

Additional table for the PIXIT of CH supplementary service protocol (ETS 300 141-4 [72]).

Table D.11: CH implementation status

Item Name	Item Type	Question	Value
TSPX_CH_implemented	Boolean	Is the ISDN CH supplementary service protocol implemented?	TRUE [ ] FALSE [ ]

D.12 ISDN AOC supplementary service protocol

Additional table for the PIXIT of AOC supplementary service protocol (ETS 300 182-4 [76]).

Table D.12: AOC implementation status

Item Name	Item Type	Question	Value
TSPX_AOC_implemented	Boolean	Is the ISDN AOC supplementary service protocol implemented?	TRUE [ ] FALSE [ ]

D.13 ISDN CONF supplementary service protocol

Additional table for the PIXIT of CONF supplementary service protocol (ETS 300 185-4 [80]).

Table D.13: CONF implementation status

Item Name	Item Type	Question	Value
TSPX_CONF_implemented	Boolean	Is the ISDN CONF supplementary service protocol implemented?	TRUE [ ] FALSE [ ]

D.14 ISDN 3PTY supplementary service protocol

Additional table for the PIXIT of 3PTY supplementary service protocol (ETS 300 188-4 [84]).

Table D.14: 3PTY implementation status

Item Name	Item Type	Question	Value
TSPX_3PTY_implemented	Boolean	Is the ISDN 3PTY supplementary service protocol implemented?	TRUE [ ] FALSE [ ]

D.15 ISDN Diversion supplementary service protocol

Additional table for the PIXIT of Diversion supplementary service protocol (ETS 300 207-4 [88]).

Table D.15: Diversion implementation status

Item Name	Item Type	Question	Value
TSPX_Diversion_implemented	Boolean	Is the ISDN Diversion supplementary service protocol implemented?	TRUE [ ] FALSE [ ]

D.16 ISDN FPH supplementary service protocol

Additional table for the PIXIT of FPH supplementary service protocol (ETS 300 210-4 [92]).

Table D.16: FPH implementation status

Item Name	Item Type	Question	Value
TSPX_FPH_implemented	Boolean	Is the ISDN FPH supplementary service protocol implemented?	TRUE [ ] FALSE [ ]

D.17 ISDN UUS supplementary service protocol

Additional table for the PIXIT of UUS supplementary service protocol (ETS 300 286-4 [96]).

Table D.17: UUS implementation status

Item Name	Item Type	Question	Value
TSPX_UUS_implemented	Boolean	Is the ISDN UUS supplementary service protocol implemented?	TRUE [ ] FALSE [ ]

D.18 ISDN CCBS supplementary service protocol

Additional table for the PIXIT of CCBS supplementary service protocol (ETS 300 359-4 [100]).

Table D.18: CCBS implementation status

Item Name	Item Type	Question	Value
TSPX_CCBS_implemented	Boolean	Is the ISDN CCBS supplementary service protocol implemented?	TRUE [ ] FALSE [ ]

D.19 ISDN ECT supplementary service protocol

Additional table for the PIXIT of ECT supplementary service protocol (ETS 300 369-4 [104]).

Table D.19: ECT implementation status

Item Name	Item Type	Question	Value
TSPX_ECT_implemented	Boolean	Is the ISDN ECT supplementary service protocol implemented?	TRUE [ ] FALSE [ ]

Annex E (normative): Modifications of the PCTR proforma related to DECT/ISDN IAP profile - Portable radio Termination (PT)

E.1 Modifications of DECT NWK layer PCTR proforma

For the requirements of the DECT/ISDN IAP the following modifications shall be applied to the PCTR proforma furnished in ETS 300 497-7 [20], annex C.

Table E.1 is the replacement table for table C.2 of ETS 300 497-7 [20], subclause C.1.2.

Table E.1

Name:	
Version:	
Protocol specification:	ETS 300 175-5 [4]
PICS:	ETS 300 476-1 [9]
Profile RL:	ETS 300 705-1 [14]
Previous PCTR if any:	

Table E.2 is the replacement table for table C.3 of ETS 300 497-7 [20], subclause C.1.3.

Table E.2

PIXIT:	ETS 300 497-7 [20]
Profile XRL:	Annex D of this specification (ETSI DE/RES-03018-2)
ATS Specification:	ETS 300 497-7 [20]
Abstract Test Method:	Remote test method, Embedded variant with no UT
Means of Testing identification:	
Date of testing:	
Conformance Log reference(s):	
Retention Date for Log reference(s):	

Table E.3 is the replacement table for table C.4 of ETS 300 497-7 [20], clause C.6.

The new column "St" indicates the origin of the test case. The value "O" indicates an original unmodified test case. The value "A" indicates an additional test case. The value "R" indicates a replacement test case. The value "M" indicates a test case in which one or more components, such as constraint, behaviour line, etc., are modified. The values "A, R, M" are due to the requirements of the DECT/ISDN IAP profile.

For the values "O" and "M", the corresponding test purposes can be found in the relevant part of the respective standard. For the other values, the corresponding test purposes can be found in this PSTS.

Table E.3

ATS Reference	St.	Selected ?	Run ?	Verdict	Observations (Reference to any observations made in clause 7)
TC_PT_CC_BV_OC_01	O	Yes/No	Yes/No		
TC_PT_CC_BV_OC_02	O	Yes/No	Yes/No		
TC_PT_CC_BV_OC_03	O	Yes/No	Yes/No		
TC_PT_CC_BV_OC_04	O	Yes/No	Yes/No		
TC_PT_CC_BV_IC_01	O	Yes/No	Yes/No		
TC_PT_CC_BV_IC_02	O	Yes/No	Yes/No		
TC_PT_CC_BV_IC_03	O	Yes/No	Yes/No		
TC_PT_CC_BV_IC_04	O	Yes/No	Yes/No		
TC_PT_CC_BV_CI_01	O	Yes/No	Yes/No		
TC_PT_CC_BV_CI_02	O	Yes/No	Yes/No		
TC_PT_CC_BV_CI_03	O	Yes/No	Yes/No		
TC_PT_CC_BV_CI_04	O	Yes/No	Yes/No		
TC_PT_CC_BV_CI_05	O	Yes/No	Yes/No		
TC_PT_CC_BV_CI_06	O	Yes/No	Yes/No		
TC_PT_CC_BV_CI_07	O	Yes/No	Yes/No		
TC_PT_CC_BV_CI_08	O	Yes/No	Yes/No		
TC_PT_CC_BV_CI_09	O	Yes/No	Yes/No		
TC_PT_CC_BV_CI_10	O	Yes/No	Yes/No		
TC_PT_CC_BV_CI_11	O	Yes/No	Yes/No		
TC_PT_CC_BV_CI_12	O	Yes/No	Yes/No		
TC_PT_CC_BV_CI_13	O	Yes/No	Yes/No		
TC_PT_CC_BV_CI_14	O	Yes/No	Yes/No		
TC_PT_CC_BV_CR_01	O	Yes/No	Yes/No		
TC_PT_CC_BV_CR_02	O	Yes/No	Yes/No		
TC_PT_CC_BV_CR_03	O	Yes/No	Yes/No		
TC_PT_CC_BV_CR_04	O	Yes/No	Yes/No		
TC_PT_CC_BV_CR_05	O	Yes/No	Yes/No		
TC_PT_CC_BV_CR_06	O	Yes/No	Yes/No		
TC_PT_CC_BV_CR_07	O	Yes/No	Yes/No		
TC_PT_CC_BV_CR_08	O	Yes/No	Yes/No		
TC_PT_CC_BV_CR_09	O	Yes/No	Yes/No		
TC_PT_CC_BV_CR_10	O	Yes/No	Yes/No		
TC_PT_CC_BV_CR_11	O	Yes/No	Yes/No		
TC_PT_CC_BV_RS_01	O	Yes/No	Yes/No		
TC_PT_CC_BO_01	O	Yes/No	Yes/No		
TC_PT_CC_BO_02	O	Yes/No	Yes/No		
TC_PT_CC_BI_01	O	Yes/No	Yes/No		
TC_PT_CC_BI_02	O	Yes/No	Yes/No		
TC_PT_CC_BI_03	O	Yes/No	Yes/No		
TC_PT_CC_BI_04	O	Yes/No	Yes/No		
TC_PT_CC_TI_01	O	Yes/No	Yes/No		
TC_PT_CC_TI_02	O	Yes/No	Yes/No		
TC_PT_CC_TI_03	O	Yes/No	Yes/No		
TC_PT_CC_TI_04	O	Yes/No	Yes/No		
TC_PT_MM_BV_ID_01	O	No	No	-	

(continued)

Table E.3 (continued)

ATS Reference	St.	Selected ?	Run ?	Verdict	Observations (Reference to any observations made in clause 7)
TC_PT_MM_BV_ID_02	O	No	No	-	
TC_PT_MM_BV_ID_03	O	No	No	-	
TC_PT_MM_BV_ID_04	O	No	No	-	
TC_PT_MM_BV_ID_08	O	No	No	-	
TC_PT_MM_BV_AU_01	O	No	No	-	
TC_PT_MM_BV_AU_02	O	No	No	-	
TC_PT_MM_BV_AU_03	O	No	No	-	
TC_PT_MM_BV_AU_04	O	No	No	-	
TC_PT_MM_BV_AU_05	O	No	No	-	
TC_PT_MM_BV_AU_06	O	No	No	-	
TC_PT_MM_BV_AU_07	O	No	No	-	
TC_PT_MM_BV_AU_08	O	No	No	-	
TC_PT_MM_BV_AU_09	O	No	No	-	
TC_PT_MM_BV_LO_01	O	No	No	-	
TC_PT_MM_BV_LO_02	O	No	No	-	
TC_PT_MM_BV_LO_03	O	No	No	-	
TC_PT_MM_BV_LO_04	O	No	No	-	
TC_PT_MM_BV_LO_05	O	No	No	-	
TC_PT_MM_BV_LO_06	O	No	No	-	
TC_PT_MM_BV_LO_07	O	No	No	-	
TC_PT_MM_BV_LO_08	O	No	No	-	
TC_PT_MM_BV_LO_09	O	No	No	-	
TC_PT_MM_BV_AR_01	O	No	No	-	
TC_PT_MM_BV_AR_02	O	No	No	-	
TC_PT_MM_BV_AR_03	O	No	No	-	
TC_PT_MM_BV_AR_04	O	No	No	-	
TC_PT_MM_BV_AR_05	O	No	No	-	
TC_PT_MM_BV_AR_06	O	No	No	-	
TC_PT_MM_BV_AR_09	O	No	No	-	
TC_PT_MM_BV_AR_10	O	No	No	-	
TC_PT_MM_BV_KA_01	O	No	No	-	
TC_PT_MM_BV_KA_02	O	No	No	-	
TC_PT_MM_BV_KA_03	O	No	No	-	
TC_PT_MM_BV_CH_01	O	No	No	-	
TC_PT_MM_BV_CH_02	O	No	No	-	
TC_PT_MM_BV_CH_03	O	No	No	-	
TC_PT_MM_BV_CH_04	O	No	No	-	
TC_PT_MM_BV_CH_05	O	No	No	-	
TC_PT_MM_BO_01	O	No	No	-	
TC_PT_MM_BI_01	O	No	No	-	
TC_PT_MM_BI_02	O	No	No	-	
TC_PT_MM_BI_03	O	No	No	-	
TC_PT_MM_BI_04	O	No	No	-	
TC_PT_MM_TI_01	O	No	No	-	

(continued)

Table E.3 (concluded)

ATS Reference	St.	Selected ?	Run ?	Verdict	Observations (Reference to any observations made in clause 7)
TC_PT_MM_TI_02	O	No	No	-	
TC_PT_MM_TI_03	O	No	No	-	
TC_PT_MM_TI_04	O	No	No	-	
TC_PT_MM_TI_05	O	No	No	-	
TC_PT_MM_TI_06	O	No	No	-	
TC_PT_ME_BV_01	O	No	No	-	
TC_PT_ME_BV_02	O	No	No	-	
TC_PT_ME_BV_03	O	No	No	-	
TC_PT_ME_BV_04	O	No	No	-	
TC_PT_ME_BV_05	O	No	No	-	
TC_PT_ME_BV_06	O	No	No	-	
TC_PT_ME_BV_07	O	No	No	-	
TC_PT_ME_BV_08	O	No	No	-	
TC_PT_ME_BV_09	O	No	No	-	
TC_PT_ME_BV_10	O	No	No	-	
TC_PT_ME_BV_11	O	No	No	-	
TC_PT_ME_BV_12	O	No	No	-	
TC_PT_ME_BV_13	O	No	No	-	
TC_PT_ME_BV_14	O	No	No	-	
TC_PT_ME_BO_01	O	No	No	-	
TC_PT_LC_BV_LE_01	O	Yes/No	No		
TC_PT_LC_BV_LE_02	O	Yes/No	Yes/No		
TC_PT_LC_BV_LR_01	O	Yes/No	Yes/No		
TC_PT_LC_BV_LR_02	O	Yes/No	Yes/No		
TC_PT_LC_BV_LR_03	O	Yes/No	Yes/No		
TC_PT_LC_BI_01	O	Yes/No	Yes/No		
TC_PT_LC_BI_02	O	Yes/No	Yes/No		
TC_PT_LC_BI_03	O	Yes/No	Yes/No		
TC_PT_LC_BI_04	O	Yes/No	Yes/No		
TC_FT_IS_BV_01	O	No	No	-	
TC_FT_IS_BV_02	O	Yes/No	Yes/No		
TC_FT_IS_BV_03	O	Yes/No	Yes/No		
TC_FT_IS_BV_04	O	Yes/No	Yes/No		
TC_FT_CL_BV_01	O	No	No	-	
TC_FT_CL_BV_02	O	No	No	-	
TC_FT_CL_BV_03	O	No	No	-	

E.2 Modifications of DECT DLC layer PCTR proforma

For the requirements of the DECT/ISDN IAP the following modifications shall be applied to the PCTR proforma furnished in ETS 300 497-5 [18], annex C.

Table E.4 is the replacement table for table C.2 of ETS 300 497-5 [18], subclause C.1.2.

Table E.4

Name:	
Version:	
Protocol specification:	ETS 300 175-4 [3]
PICS:	ETS 300 476-2 [10]
Profile RL:	ETS 300 705-1 [14]
Previous PCTR if any:	

Table E.5 is the replacement table for table C.3 of ETS 300 497-5 [18], subclause C.1.3.

Table E.5

PIXIT:	ETS 300 497-5 [18]
Profile XRL:	Annex D of this specification (ETSI DE/RES-03018-2)
ATS Specification:	ETS 300 497-5 [18]
Abstract Test Method:	Remote test method, Embedded variant with no UT
Means of Testing identification:	
Date of testing:	
Conformance Log reference(s):	
Retention Date for Log reference(s):	

Table E.6 is the replacement table for table C.4 of ETS 300 497-5 [18], clause C.6.

The new column "St" indicates the origin of the test case. The value "O" indicates an original unmodified test case. The value "A" indicates an additional test case. The value "R" indicates a replacement test case. The value "M" indicates a test case in which one or more components, such as constraint, behaviour line, etc., are modified. The values "A, R, M" are due to the requirements of the DECT/ISDN IAP profile.

For the values "O" and "M", the corresponding test purposes can be found in the relevant part of the respective standard. For the other values, the corresponding test purposes can be found in this PSTS.

Table E.6

ATS Reference	St.	Selected ?	Run ?	Verdict	Observations (Reference to any observations made in clause 7)
TC-U-CA-000	O	No	No	-	
TC-U-CA-001	O	No	No	-	
TC-U-CA-002	O	No	No	-	
TC-U-CA-003	O	No	No	-	
TC-U-BI-000	O	No	No	-	
TC-U-BI-001	O	No	No	-	
TC-U-BI-002	O	No	No	-	
TC-U-BI-003	O	No	No	-	
TC-U-BI-004	O	No	No	-	
TC-U-BI-005	O	No	No	-	
TC-U-BI-006	O	No	No	-	
TC-U-BI-007	O	No	No	-	
TC-A-CA-000	O	Yes/No	Yes/No		
TC-A-CA-001	O	Yes/No	Yes/No		
TC-A-CA-002	O	Yes/No	Yes/No		
TC-A-CA-003	O	Yes/No	Yes/No		
TC-A-CA-004	O	Yes/No	Yes/No		
TC-A-CA-005	O	Yes/No	Yes/No		
TC-A-CA-006	O	Yes/No	Yes/No		
TC-A-CA-007	O	Yes/No	Yes/No		
TC-A-CA-008	O	Yes/No	Yes/No		
TC-A-BV-000	O	Yes/No	Yes/No		
TC-A-BV-001	O	Yes/No	Yes/No		
TC-A-BV-002	O	Yes/No	Yes/No		
TC-A-BV-003	O	Yes/No	Yes/No		
TC-A-BV-004	O	Yes/No	Yes/No		
TC-A-BV-005	O	Yes/No	Yes/No		
TC-A-BV-006	O	Yes/No	Yes/No		
TC-A-BI-000	O	Yes/No	Yes/No		
TC-A-BI-001	O	Yes/No	Yes/No		
TC-A-BI-002	O	Yes/No	Yes/No		
TC-A-BI-003	O	Yes/No	Yes/No		
TC-A-BI-004	O	Yes/No	Yes/No		
TC-A-BI-005	O	Yes/No	Yes/No		
TC-A-BI-006	O	Yes/No	Yes/No		
TC-A-BI-007	O	Yes/No	Yes/No		
TC-A-BI-008	O	Yes/No	Yes/No		
TC-A-BI-009	O	Yes/No	Yes/No		
TC-A-BI-010	O	Yes/No	Yes/No		
TC-A-BI-011	O	Yes/No	Yes/No		
TC-A-BI-012	O	Yes/No	Yes/No		
TC-A-BI-013	O	Yes/No	Yes/No		
TC-A-BO-000	O	Yes/No	Yes/No		
TC-A-BO-001	O	Yes/No	Yes/No		

(continued)

Table E.6 (concluded)

ATS Reference	St.	Selected ?	Run ?	Verdict	Observations (Reference to any observations made in clause 7)
TC-A-BO-002	O	Yes/No	Yes/No		
TC-A-BO-003	O	Yes/No	Yes/No		
TC-L-CA-000	O	Yes/No	Yes/No		
TC-L-CA-001	O	Yes/No	Yes/No		
TC-0-CA-000	O	Yes/No	Yes/No		
TC-0-CA-001	O	Yes/No	Yes/No		
TC-1-CA-000	O	No	No	-	
TC-1-CA-001	O	No	No	-	
TC-1-CA-002	O	No	No	-	
TC-1-BV-000	O	No	No	-	
TC-1-BV-001	O	No	No	-	
TC-1-BV-002	O	No	No	-	
TC-1-BI-000	O	No	No	-	
TC-1-BI-001	O	No	No	-	
TC-1-BI-002	O	No	No	-	

E.3 Modifications of DECT MAC layer PCTR proforma

For the requirements of the DECT/ISDN IAP the following modifications shall be applied to the PCTR proforma furnished in ETS 300 497-2 [16] Annex D.

Table E.7 is the replacement table for table D.2 of ETS 300 497-5 [18], subclause D.1.2.

Table E.7

Name:	
Version:	
Protocol specification:	ETS 300 175-3 [2]
PICS:	ETS 300 476-3 [11]
Profile RL:	ETS 300 705-1 [14]
Previous PCTR if any:	

Table E.8 is the replacement table for table D.3 of ETS 300 497-5 [18], subclause D.1.3.

Table E.8

PIXIT:	ETS 300 497-2 [16]
Profile XRL:	Annex D of this specification (ETSI DE/RES-03018-2)
ATS Specification:	ETS 300 497-2 [16]
Abstract Test Method:	Remote test method, Embedded variant with no UT
Means of Testing identification:	
Date of testing:	
Conformance Log reference(s):	
Retention Date for Log reference(s):	

Table E.9 is the replacement table for table D.4 of ETS 300 497-5 [18], clause D.6.

The new column "St" indicates the origin of the test case. The value "O" indicates an original unmodified test case. The value "A" indicates an additional test case. The value "R" indicates a replacement test case. The value "M" indicates a test case in which one or more components, such as constraint, behaviour line, etc., are modified. The values "A, R, M" are due to the requirements of the DECT/ISDN IAP profile.

For the values "O" and "M", the corresponding test purposes can be found in the relevant part of the respective standard. For the other values, the corresponding test purposes can be found in this PSTS.

Table E.9

ATS Reference	St.	Selected ?	Run ?	Verdict	Observations (Reference to any observations made in clause 7)
TC_PT_BH_BV_00	O	Yes/No	Yes/No		
TC_PT_BH_BV_01	O	Yes/No	Yes/No		
TC_PT_BH_CA_00	O	Yes/No	Yes/No		
TC_PT_BH_CA_01	O	Yes/No	Yes/No		
TC_PT_BR_CA_00	O	Yes/No	Yes/No		
TC_PT_BR_CA_01	A	Yes/No	Yes/No		
TC_PT_BS_BV_00	O	Yes/No	Yes/No		
TC_PT_BS_BV_01	A	Yes/No	Yes/No		
TC_PT_BS_CA_00	O	Yes/No	Yes/No		
TC_PT_BS_CA_01	O	Yes/No	Yes/No		
TC_PT_BS_CA_02	A	Yes/No	Yes/No		
TC_PT_BS_CA_03	A	Yes/No	Yes/No		
TC_PT_DB_BV_01	O	Yes/No	Yes/No		
TC_PT_DT_BI_00	O	Yes/No	Yes/No		
TC_PT_DT_BV_00	O	Yes/No	Yes/No		
TC_PT_DT_BV_01	O	Yes/No	Yes/No		
TC_PT_DT_CA_00	O	Yes/No	Yes/No		
TC_PT_DT_CA_01	O	Yes/No	Yes/No		
TC_PT_DT_CA_02	O	Yes/No	Yes/No		
TC_PT_DT_CA_03	O	Yes/No	Yes/No		
TC_PT_DT_CA_04	O	Yes/No	Yes/No		
TC_PT_LM_CA_00	O	Yes/No	Yes/No		
TC_PT_LM_CA_01	O	Yes/No	Yes/No		
TC_PT_LM_CA_02	O	Yes/No	Yes/No		
TC_PT_LM_CA_03	O	Yes/No	Yes/No		
TC_PT_LM_CA_04	O	Yes/No	Yes/No		
TC_PT_PG_BV_02	O	Yes/No	Yes/No		
TC_PT_PG_BV_03	O	Yes/No	Yes/No		
TC_PT_PG_CA_00	O	Yes/No	Yes/No		
TC_PT_PG_CA_01	O	Yes/No	Yes/No		
TC_PT_PG_CA_02	A	Yes/No	Yes/No		

Annex F (normative): Abstract Test Suite (ATS) for DECT NWK layer conforming to DECT/ISDN IAP profile - Portable radio Termination (PT)

The ATS is written in TTCN according to ISO/IEC 9646-3 [24].

As the ATS was developed on a separate TTCN tool the TTCN tables are not completely referenced in the contents table. The ATS itself contains a subclause Test Suite Overview which provides additional information and references about the ATS.

NOTE: According to ISO/IEC 9646-3 [24], in case of a conflict in interpretation of the operational semantics of TTCN.GR and TTCN.MP, the operational semantics of the TTCN.GR representation takes precedence.

F.1 The machine processable ATS (TTCN.MP)

The electronic form of the machine processable file (TTCN MP format) corresponding to this ATS is contained in an ASCII text file (DEP7582F.MP[1)]) associated with this ETS.

F.2 The graphical ATS (TTCN.GR)

The electronic form of the graphical ATS (TTCN GR format) corresponding to this ATS is contained in an PostScript printable text file (DEP7582F.PS[1)]) associated with this ETS.

1) This file is located in a compressed archive file named 7582_ep.LZH. Other file formats are available on request.

Annex G (normative): Abstract Test Suite (ATS) for DECT DLC layer conforming to DECT/ISDN IAP profile - Portable radio Termination (PT)

The ATS is written in TTCN according to ISO/IEC 9646-3 [24].

As the ATS was developed on a separate TTCN tool the TTCN tables are not completely referenced in the contents table. The ATS itself contains a subclause Test Suite Overview which provides additional information and references about the ATS.

NOTE: According to ISO/IEC 9646-3 [24], in case of a conflict in interpretation of the operational semantics of TTCN.GR and TTCN.MP, the operational semantics of the TTCN.GR representation takes precedence.

G.1 The machine processable ATS (TTCN.MP)

The electronic form of the machine processable file (TTCN MP format) corresponding to this ATS is contained in an ASCII text file (DEP7582G.MP[2)]) associated with this ETS.

G.2 The graphical ATS (TTCN.GR)

The electronic form of the graphical ATS (TTCN GR format) corresponding to this ATS is contained in an PostScript printable text file (DEP7582G.PS[2)]) associated with this ETS.

2) This file is located in a compressed archive file named 7582_ep.LZH. Other file formats are available on request.

Annex H (normative): Abstract Test Suite (ATS) for DECT MAC layer conforming to DECT/ISDN IAP profile - Portable radio Termination (PT)

The ATS is written in TTCN according to ISO/IEC 9646-3 [24].

As the ATS was developed on a separate TTCN tool the TTCN tables are not completely referenced in the contents table. The ATS itself contains a subclause Test Suite Overview which provides additional information and references about the ATS.

NOTE: According to ISO/IEC 9646-3 [24], in case of a conflict in interpretation of the operational semantics of TTCN.GR and TTCN.MP, the operational semantics of the TTCN.GR representation takes precedence.

H.1 The machine processable ATS (TTCN.MP)

The electronic form of the machine processable file (TTCN MP format) corresponding to this ATS is contained in an ASCII text file (DEP7582H.MP[3)]) associated with this ETS.

H.2 The graphical ATS (TTCN.GR)

The electronic form of the graphical ATS (TTCN GR format) corresponding to this ATS is contained in an PostScript printable text file (DEP7582H.PS[3)]) associated with this ETS.

3) This file is located in a compressed archive file named 7582_ep.LZH. Other file formats are available on request.

Annex I (normative): Abstract Test Suite (ATS) - DECT/ISDN IAP - Portable Termination (PT)

The ATS is written in TTCN according to ISO/IEC 9646-3 [24].

As the ATS was developed on a separate TTCN tool the TTCN tables are not completely referenced in the contents table. The ATS itself contains a subclause Test Suite Overview which provides additional information and references about the ATS.

NOTE: According to ISO/IEC 9646-3 [24], in case of a conflict in interpretation of the operational semantics of TTCN.GR and TTCN.MP, the operational semantics of the TTCN.GR representation takes precedence.

I.1 The machine processable ATS (TTCN.MP)

The electronic form of the machine processable file (TTCN MP format) corresponding to this ATS is contained in an ASCII text file (DEP7582I.MP[4)]) associated with this ETS.

I.2 The graphical ATS (TTCN.GR)

The electronic form of the graphical ATS (TTCN GR format) corresponding to this ATS is contained in an PostScript printable text file (DEP7582I.PS[4)]) associated with this ETS.

4) This file is located in a compressed archive file named 7582_ep.LZH. Other file formats are available on request.

History

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