



# SLOVENSKI STANDARD

DSIST ETS 300 497-3:1999

01-jUbi Uf!1999

8 ][ ]HUbY]nVc`ýUbYVfYnj fj ] bYHfY\_ca i b]\_UMfYfB97HL!'G\_i db]j a Ygb] `f7 ±  
\_b^jyb]WUdfYg\_i ýUb] `df]a Yfcj `fH7 @!' "XY. '5 VghfU `fb] `dfYg\_i ýUb] `b]n`f5 HGLnU  
\_fa ] ^b^YXcghcdUXc `d`Ugh] `dfYbcgbY[ Ua YX] `UfA57L!'Z\_gbUfUX] `g\_U nU `f ]Hj  
fl HL

Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Test Case Library (TCL); Part 3: Abstract Test Suite (ATS) for Medium Access Control (MAC) layer - Fixed radio Termination (FT)

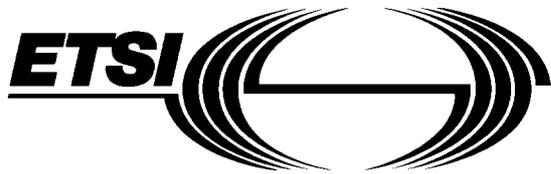
Ta slovenski standard je istoveten z: ETS 300 497-3 E1.% - \*!\$,

**ICS:**

33.070.30      Öä äæ) ^/á à| |zæ) ^      Digital Enhanced Cordless  
à!^: ç!çã} ^/á ^\ [ { ~ } ä æä      Telecommunications (DECT)  
ÖÖÓVD

**DSIST ETS 300 497-3:1999**      en





**E**UROPEAN  
**T**ELECOMMUNICATION  
**S**TANDARD

**ETS 300 497-3**

August 1996

---

Source: ETSI TC-RES

Reference: DE/RES-03026-3

ICS: 33.020, 33.060.50

**Key words:** Abstract Test Suites, DECT, GAP

**Radio Equipment and Systems (RES);  
Digital Enhanced Cordless Telecommunications (DECT);  
Common Interface (CI) Test Case Library (TCL);  
Part 3: Abstract Test Suite (ATS) for Medium Access Control  
(MAC) layer - Fixed radio Termination (FT)**

**ETSI**

European Telecommunications Standards Institute

**ETSI Secretariat**

**Postal address:** F-06921 Sophia Antipolis CEDEX - FRANCE

**Office address:** 650 Route des Lucioles - Sophia Antipolis - Valbonne - FRANCE

**X.400:** c=fr, a=atlas, p=etsi, s=secretariat - **Internet:** secretariat@etsi.fr

Tel.: +33 92 94 42 00 - Fax: +33 93 65 47 16

---

**Copyright Notification:** No part may be reproduced except as authorized by written permission. The copyright and the foregoing restriction extend to reproduction in all media.

© European Telecommunications Standards Institute 1996. All rights reserved.



## Contents

Foreword .....	5
1 Scope .....	7
2 Normative references .....	7
3 Definitions and abbreviations .....	10
3.1 Definitions .....	10
3.2 DECT abbreviations .....	10
3.3 ISO 9646 abbreviations .....	10
4 Abstract Test Method (ATM) .....	11
4.1 Description of ATM .....	11
4.2 Test strategy .....	12
5 Untestable Test Purposes (TPs) .....	13
6 ATS Conventions (only applicable for PTC LT_TC) .....	13
6.1 Naming conventions .....	13
6.1.1 Declarations part .....	13
6.1.1.1 General .....	13
6.1.1.2 Test suite operations definition .....	13
6.1.1.3 Test suite parameter declarations .....	14
6.1.1.4 Test case selection expression definition .....	14
6.1.1.5 Test suite constant declarations .....	14
6.1.1.6 Test suite variable declarations .....	14
6.1.1.7 Test case variable declarations .....	14
6.1.1.8 Timer declarations .....	14
6.1.1.9 ASP type definitions .....	15
6.1.1.10 PDU type definitions .....	15
6.1.1.11 CM type definitions .....	15
6.1.1.12 Alias definitions .....	15
6.1.2 Constraints part .....	15
6.1.2.1 General .....	15
6.1.3 Dynamic part .....	15
6.1.3.1 General .....	15
6.1.3.2 Test Case identifier .....	16
6.1.3.3 Test step identifier .....	16
6.1.3.4 Default identifier .....	16
6.1.3.5 Label identifier .....	17
6.1.3.6 ATS abbreviations .....	17
6.2 Implementation conventions .....	17
6.2.1 Declaration part .....	17
6.2.2 Constraint part .....	18
6.2.3 Dynamic part .....	18
Annex A (normative): Abstract test suite (ATS), PTC LT_TC .....	19
A.1 The machine processable ATS (TTCN.MP) .....	19
A.2 The graphical ATS (TTCN.GR) .....	19
Annex B (normative): Specification of PTC LT_MAC .....	151
B.1 General requirements .....	151

B.2	Additional requirements .....	151
Annex C (normative): Partial PIXIT proforma for DECT MAC .....		
C.1	Identification summary .....	152
C.2	ATS summary .....	152
C.3	Test laboratory .....	152
C.4	Client identification .....	152
C.5	SUT .....	152
C.6	Protocol layer information .....	153
C.6.1	Protocol identification .....	153
C.6.2	IUT information .....	153
Annex D (normative): Protocol Conformance Test Report (PCTR) Proforma For DECT MAC .....		
D.1	Identification summary .....	155
D.1.1	Protocol conformance test report .....	155
D.1.2	IUT identification .....	155
D.1.3	Testing environment .....	155
D.1.4	Limits and reservation .....	156
D.1.5	Comments .....	156
D.2	IUT Conformance status .....	156
D.3	Static conformance summary .....	156
D.4	Dynamic conformance summary .....	157
D.5	Static conformance review report .....	157
D.6	Test campaign report .....	158
D.7	Observations .....	158
Annex E (informative): Bibliography .....		
History	.....	160

## Foreword

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

The DECT Test Specification multipart ETS comprises nine parts, as follows:

- Part 1: "Part 1: Test Suite Structure (TSS) and Test Purposes (TP) for Medium Access Control (MAC) layer".
- Part 2: "Part 2: Abstract Test Suite (ATS) for Medium Access Control (MAC) layer - Portable radio Termination (PT)".
- Part 3: "Part 3: Abstract Test Suite (ATS) for Medium Access Control (MAC) layer - Fixed radio Termination (FT)".**
- Part 4: "Part 4: Test Suite Structure (TSS) and Test Purposes (TP) - Data Link Control (DLC) layer".
- Part 5: "Part 5: Abstract Test Suite (ATS) - Data Link Control (DLC) layer".
- Part 6: "Part 6: Test Suite Structure (TSS) and Test Purposes (TP) - Network (NWK) layer - Portable radio Termination (PT)".
- Part 7: "Part 7: Abstract Test Suite (ATS) for Network (NWK) layer - Portable radio Termination (PT)".
- Part 8: "Part 8: Test Suite Structure (TSS) and Test Purposes (TP) - Network (NWK) layer - Fixed radio Termination (FT)".
- Part 9: "Part 9: Abstract Test Suite (ATS) for Network (NWK) layer - Fixed radio Termination (FT)".

<b>Transposition dates</b>	
Date of adoption of this ETS:	16 August 1996
Date of latest announcement of this ETS (doa):	30 November 1996
Date of latest publication of new National Standard or endorsement of this ETS (dop/e):	31 May 1997
Date of withdrawal of any conflicting National Standard (dow):	31 May 1997

Blank page