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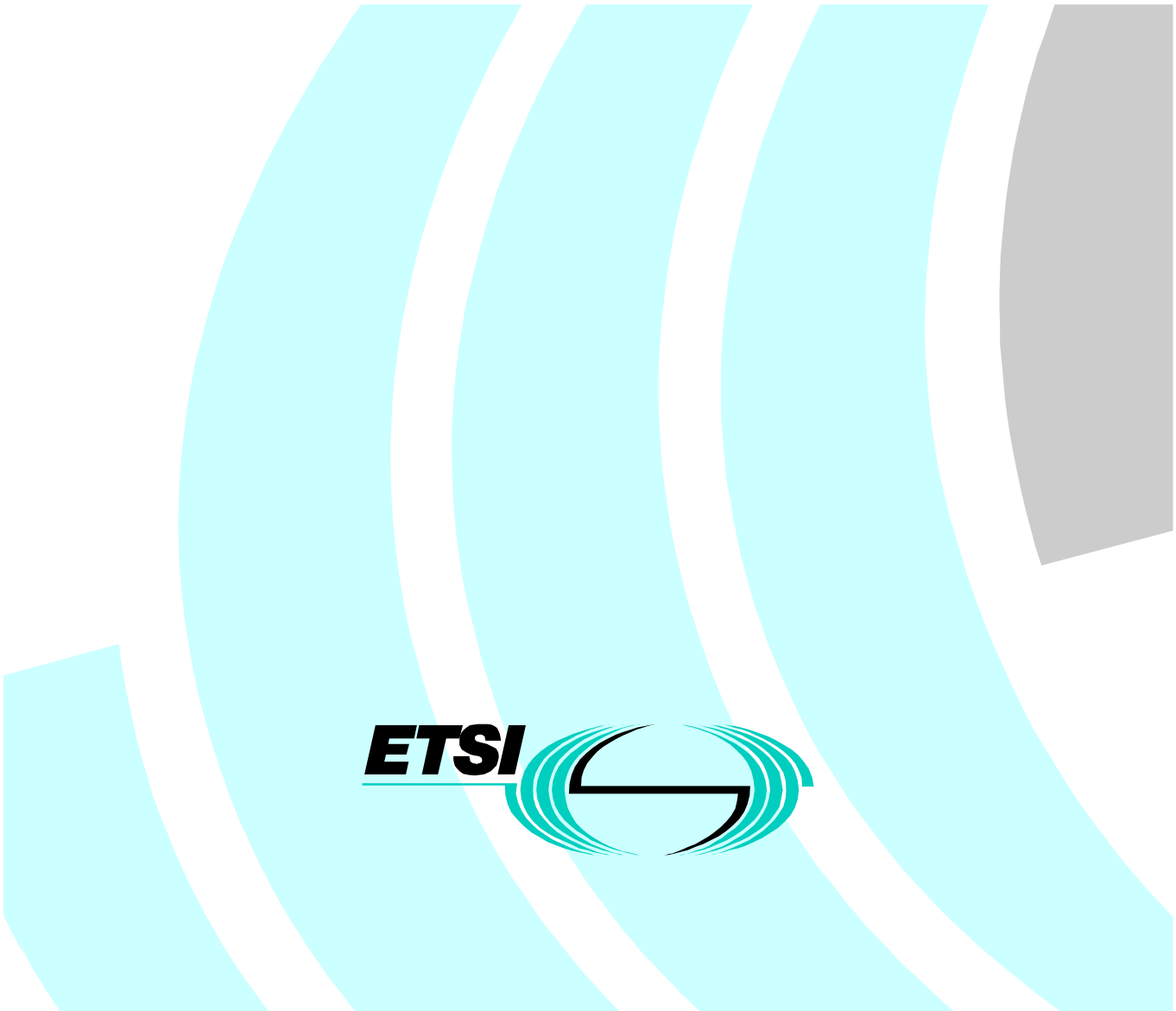
European Standard (Telecommunications series)

Digital Enhanced Cordless Telecommunications (DECT); Generic Access Profile (GAP); Profile Test Specification (PTS); Part 1: Summary



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Contents

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Foreword

This European Standard (Telecommunications series) has been produced by ETSI Project Digital Enhanced Cordless Telecommunications (DECT).

The present document is part 1 of a multi-part deliverable covering the Generic Access Profile (GAP); Profile Test Specification (PTS); as identified below:

Part 1: "Summary";

Part 2: "Profile Specific Test Specification (PSTS) - Portable radio Termination (PT)";

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

National transposition dates	
Date of adoption of this EN:	30 March 2001
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Date of withdrawal of any conflicting National Standard (dow):	31 December 2001

1 Scope

The present document specifies the Profile Test Specification (PTS) summary referencing all the ENs necessary for the conformance testing of the DECT Generic Access Profile (GAP).

This GAP PTS summary together with the ENs it references constitute the GAP PTS.

The present document has the following structure:

- clause 4 contains general information relative to the profile including references to the related ENs;
- clause 5 contains a summary and references to the ENs relevant for each of DECT protocol layers to be tested;
- annex A (normative) contains list with the general status of GAP features/services relevant for terminals seeking compliance to the EN 300 444 [9] requirements.

2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication and/or edition number or version number) or non-specific.
- For a specific reference, subsequent revisions do not apply.
- For a non-specific reference, the latest version applies.

[1] ETSI EN 300 175-1: "Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 1: Overview".

[2] ETSI EN 300 175-2: "Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 2: Physical Layer (PHL)".

[3] ETSI EN 300 175-3: "Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 3: Medium Access Control (MAC) layer".

[4] ETSI EN 300 175-4: "Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 4: Data Link Control (DLC) layer".

[5] ETSI EN 300 175-5: "Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 5: Network (NWK) layer".

[6] ETSI EN 300 175-6: "Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 6: Identities and addressing".

[7] ETSI EN 300 175-7: "Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 7: Security features".

[8] ETSI EN 300 175-8: "Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 8: Speech coding and transmission".

[9] ETSI EN 300 444: "Digital Enhanced Cordless Telecommunications (DECT); Generic Access Profile (GAP)".

[10] ISO/IEC 9646-1: "Information technology; Open Systems Interconnection; Conformance testing methodology and framework; Part 1: General concepts".

[11] ISO/IEC 9646-2: "Information technology; Open Systems Interconnection; Conformance testing methodology and framework; Part 2: Abstract Test Suite specification".

[12] ISO/IEC 9646-3: "Information technology; Open Systems Interconnection; Conformance testing methodology and framework; Part 3: The Tree and Tabular Combined Notation (TTCN)".

[13] ISO/IEC 9646-4: "Information technology; Open Systems Interconnection; Conformance testing methodology and framework; Part 4: Test realization".

[14] ISO/IEC 9646-5: "Information technology; Open Systems Interconnection; Conformance testing methodology and framework; Part 5: Requirements on test laboratories and clients for the conformance assessment process".

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

[16] ISO/IEC 9646-7: "Information technology; Open Systems Interconnection; Conformance testing methodology and framework; Part 7: Implementation Conformance Statements ".

[17] ETSI EN 300 176: "Digital Enhanced Cordless Telecommunications (DECT); Approval test specification".

[18] ETSI EN 300 476 parts 1 to 7: "Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Protocol Implementation Conformance Statement (PICS) proforma".

[19] ETSI EN 300 497-1: "Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Test Case Library (TCL); Part 1: Test Suite Structure (TSS) and Test Purposes (TP) for Medium Access Control (MAC) layer".

[20] ETSI EN 300 497-2: "Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Test Case Library (TCL); Part 2: Abstract Test Suite (ATS) for Medium Access Control (MAC) layer - Portable radio Termination (PT)".

[21] ETSI EN 300 497-3: "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)".

[22] ETSI EN 300 497-4: "Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Test Case Library (TCL); Part 4: Test Suite Structure (TSS) and Test Purposes (TP) Data Link Control (DLC) layer".

[23] ETSI EN 300 497-5: "Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Test Case Library (TCL); Part 5: Abstract Test Suite (ATS) - Data Link Control (DLC) layer".

[24] ETSI EN 300 497-6: "Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Test Case Library (TCL); Part 6: Test Suite Structure (TSS) and Test Purposes (TP) Network (NWK) layer - Portable radio Termination (PT)".

[25] ETSI EN 300 497-7: "Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Test Case Library (TCL); Part 7: Abstract Test Suite (ATS) for Network (NWK) layer - Portable radio Termination (PT)".

[26] ETSI EN 300 497-8: "Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Test Case Library (TCL); Part 8: Test Suite Structure (TSS) and Test Purposes (TP) Network (NWK) layer - Fixed radio Termination (FT)".

[27] ETSI EN 300 497-9: "Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Test Case Library (TCL); Part 9: Abstract Test Suite (ATS) for Network (NWK) layer - Fixed radio Termination (FT)".

[28] ETSI EN 300 474-1: "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)".

[29] ETSI EN 300 474-2: "Digital Enhanced Cordless Telecommunications (DECT); Generic Access Profile (GAP); Profile requirement list and profile specific Implementation Conformance Statement (ICS) proforma; Part 2: Fixed radio Termination (FT)".

[30] ETSI EN 300 494-2: "Digital Enhanced Cordless Telecommunications (DECT); Generic Access Profile (GAP); Profile Test Specification (PTS); Part 2: Profile Specific Test Specification (PSTS) Portable radio Termination (PT)".

[31] ETSI EN 300 494-3: "Digital Enhanced Cordless Telecommunications (DECT); Generic Access Profile (GAP); Profile Test Specification (PTS); Part 3: Profile Specific Test Specification (PSTS) Fixed radio Termination (FT)".

3 Definitions and abbreviations

3.1 Definitions

For the purposes of the present document, the terms and definitions given in EN 300 175 parts 1 to 8 [1] to [8], ISO/IEC 9646 parts 1 to 7 [10] to [16] and EN 300 444 [9] apply.

3.2 Abbreviations

For the purposes of the present document, the following abbreviations apply:

ATM	Abstract Test Method
ATS	Abstract Test Suite
CC	Call Control entity
CI	Common Interface
DECT	Digital Enhanced Cordless Telecommunications
DLC	Data Link Control layer
FT	Fixed radio Termination
GAP	Generic Access Profile
ICS	Implementation Conformance Statement
IXIT	Implementation eXtra Information for Testing
LCE	Link Control Entity
MAC	Medium Access Control layer
MM	Mobility Management entity
PH	Physical layer
PICS	Protocol Implementation Conformance Statement
PIXIT	Protocol Implementation eXtra Information for Testing
PSTS	Profile Specific Test Specification
PT	Portable radio Termination
PTS	Profile Test Specification
SCS	System Conformance Statement

4 Profile identification

Table 1

No	Profile identification	
1	Profile identifier	Generic Access Profile
2	Profile specification	EN 300 444 [9]
3	Profile ICS proforma	EN 300 474-2 [29]
4	PSTS	EN 300 494-2 [30] EN 300 494-3 [31]
5	Profile IXIT proforma	EN 300 494-2 [30] EN 300 494-3 [31]
6	SCS proforma	EN 300 494-2 [30] EN 300 494-3 [31]

5 Elements of the PTS

5.1 Conformance testing for NWK layer

Table 2

No	Protocol	
1	Protocol identification	EN 300 175-5 [5]
2	PICS proforma	EN 300 476 [18]
3	TSS and TP	EN 300 497-6 [24] EN 300 497-8 [26]
4	ATS	EN 300 497-7 [25] EN 300 497-9 [27]
5	Applicability of ATS	Basic speech covered. Basic services and procedures concerning CC, MM and LCE entities covered.
6	ATM	Remote
7	Partial PIXIT	EN 300 497-7 [25] EN 300 497-9 [27]

Table 3

No	Profile	
1	Profile ICS proforma	EN 300 474-2 [29]
2	Additional TSS and TP	No
3	ATM	Remote
4	Additional test cases	No
5	Partial Profile IXIT proforma	EN 300 494-2 [30] and EN 300 494-3 [31]
6	Modified selection expressions	No

5.2 Conformance testing for DLC layer

Table 4

No	Protocol	
1	Protocol identification	EN 300 175-4 [4]
2	PICS proforma	EN 300 476 [18]
3	TSS and TP	EN 300 497-4 [22]
4	ATS	EN 300 497-5 [23]
5	Applicability of ATS	
6	ATM	Remote
7	Partial PIXIT	EN 300 497-5 [23]

Table 5

No	Profile	
1	Profile ICS proforma	EN 300 474-2 [29]
2	Additional TSS and TP	No
3	ATM	Remote
4	Additional test cases	No
5	Partial Profile IXIT proforma	EN 300 494-2 [30] and EN 300 494-3 [31]
6	Modified selection expressions	No

5.3 Conformance testing for MAC layer

Table 6

No	Protocol	
1	Protocol identification	EN 300 175-3 [3]
2	PICS proforma	EN 300 476 [18]
3	TSS and TP	EN 300 497-1 [19]
4	ATS	EN 300 497-2 [20] EN 300 497-3 [21]
5	Applicability of ATS	
6	ATM	Remote (modified)
7	Partial PIXIT	EN 300 497-2 [20] EN 300 497-3 [21]

Table 7

No	Profile	
1	Profile ICS proforma	EN 300 474-2 [29]
2	Additional TSS and TP	No
3	ATM	Remote (modified)
4	Additional test cases	No
5	Partial Profile IXIT proforma	EN 300 494-2 [30] and EN 300 494-3 [31]
6	Modified selection expressions	No

5.4 Conformance testing for PH layer

Table 8

No	Protocol	
1	Protocol identification	EN 300 175-2 [2] : Physical layer [2]
2	PICS proforma	EN 300 476 [18]
3	TSS and TP	EN 300 176 [17]
4	ATS	EN 300 176 [17]
5	Applicability of ATS	General terminal attachment requirements, basic telephony applications
6	ATM	-
7	Partial PIXIT	-

Table 9

No	Profile	
1	Profile ICS proforma	EN 300 474-2 [29]
2	Additional TSS and TP	EN 300 494-2 [30] and EN 300 494-3 [31]
3	ATM	-
4	Additional test cases	EN 300 494-2 [30] and EN 300 494-3 [31]
5	Partial Profile IXIT proforma	EN 300 494-2 [30] and EN 300 494-3 [31]
6	Modified selection expressions	No

6 Conformance

The test realizer of a Means Of Testing (MOT) for this PTS summary shall comply with the requirements of ISO/IEC 9646-4 [13].

In particular, the realization of each referenced ATS shall conform to the ATS specification consistent with the modifications made by the PSTS referenced by this PTS summary. The realization of the ATS within the PSTS shall conform to the PSTS.

The laboratories running conformance test services according to this PTS summary shall comply with ISO/IEC 9646-5 [14].

Annex A (normative): Requirements

A.1 Introduction

The GAP features, services and requirements as defined in EN 300 444 [9], and which are considered essential or optional essential requirements for a terminal claiming conformity are given in the following clauses.

The tables indicate which features and procedures are to be considered Mandatory (M), Optional (O) or Conditional (C) for such terminals. The features and procedures are referenced via an existing profile ICS document.

The following table headers are applicable:

Item is a number unique in the table to be used for references. Each table carries the table number of the corresponding PICS table in EN 300 476 [18], therefore in order to have matching item numbers, item numbering in these tables may not be continuous.

Reference references to EN 300 444 [9], the GAP profile specification, unless otherwise specified.

Status (St) contains the status required for implementation conforming to GAP standard [4].

Support (Sp) is the column for the manufacturer's statement of whether the particular item is supported by the implementation.

Send specifies whether the support of sending a message, frame or information element is required.

Receive specifies whether the support of receiving a message, frame or information element is required.

The interpretation of status columns in all tables is as follows:

m or M mandatory - the capability is required to be supported.

o or O optional - the capability may be supported or not.

n/a or N/A not applicable - in the given context, it is impossible to use the capability.

x or X prohibited (excluded) - there is a requirement not to use this capability in the given context.

o.i or O.i qualified optional - for mutually exclusive or selectable options from a set. "i" is an integer which identifies a unique group of related optional items and the logic of their selection which is defined immediately following the table.

ci or Ci conditional - the requirement on the capability ("m", "o", "x" or "n/a") depends on the support of other optional or conditional items. "i" is an integer identifying an unique conditional status expression which is defined immediately following the table or which is defined in the general condition table below.

i or I out-of-scope - this capability is outside the scope of the given specification, and hence irrelevant and not subject to conformance testing. This status is in particular applicable for data fields which are reserved for future use. The structure of such fields has to be supported, but the value is undefined and thus to be ignored.

If a procedure, message/frame, information element or timer/constant are not explicitly listed in any of the following tables these shall be considered as i.

A.2 Portable Part (PP)

Tables listed in this clause are valid for PPs complying with GAP in all environments: business, residential and public.

A.2.1 Tables for PP NWK layer

A.2.1.1 Major Capabilities

A.2.1.1.1 Entities

Table A.1: EN 300 476-1, Table A.12 Entity supported

Item	Entity name	Reference	Status	Support
1	Call control (CC)	6.2	m	
2	Call Independent Supplementary Services (CISS)	-	i	
3	Connection oriented message services (COMS)	-	i	
4	Connectionless message services (CLMS)	-	i	
5	Mobility management (MM)	6.2	m	
6	Link control entity (LCE)	6.2	m	
7	Management (LLME)	13	m	

A.2.1.1.2 CC features

Table A.2: EN 300 476-1, Table A.13 CC features supported

Item	Call Control features	Reference	Status	Support
1	Bell off (Alerting)	6.2	m	
2	Bell on (Alerting)	6.2	m	
3	Control of supervisory tones	-	i	
4	Dial tone detection indication	-	i	
5	Dialled digits (basic)	6.2	m	
6	Dialled digits additional	-	i	
7	Dialling delimiter	-	i	
8	Dialling delimiter request	-	i	
9	Display control characters	6.2	o	
10	Emergency service access request	-	i	
11	External Handover (inter-cell)	-	i	
12	Fixed part/portable part capability exchange	-	i	
13	Go to DTMF (infinite tone length)	6.2	o	
14	Go to DTMF signalling (defined tone length)	6.2	m	
15	Go to Pulse	6.2	o	
16	Group address	-	i	
17	Incoming call	6.2	m	
18	Internal call	6.2	o	
19	Off hook	6.2	m	
20	On hook (full release)	6.2	m	
21	Outgoing call	6.2	m	
22	Packet mode	-	i	
23	Partial release	6.2	o	
24	Pause (dialling pause)	6.2	m	
25	Register recall	6.2	m	
26	Signalling of display characters	6.2	o	
27	Selection of bearer service	-	i	
28	Service call	-	i	
29	Service change	-	i	

A.2.1.1.3 MM features

Table A.3: EN 300 476-1, Table A.14 MM features supported

Item	Mobility Management features	Reference	Status	Support
1	Authentication of FT	6.2	o	
2	Authentication of PT	6.2	m	
3	Authentication of user	6.2	m	
4	Encryption activation FT initiated	6.2	o	
5	Encryption activation PT initiated	6.2	o	
6	Encryption deactivation FT initiated	6.2	o	
7	Encryption deactivation PT initiated	6.2	o	
8	Identification of PP	6.2	m	
9	Inter-operator roaming registration	-	i	
10	Location de-registration	-	i	
11	Location registration	6.2	m	
12	Multiple subscription registration	6.6	m	
13	On air key allocation	6.2	m	
14	Service class indication/assignment	6.2	m	
15	Silent polling	-	i	
16	Subscription registration procedure on-air	6.2	m	
17	Subscription registration user procedure with DECT authentication module	-	i	
18	Subscription registration user procedures keypad (digit entry only)	-	i	
19	Terminate access rights FT initiated	6.2	m	
20	Terminate access rights PT initiated	-	i	
21	ZAP	6.2	m	
22	MM Partial release (Link control)	6.2	m	
23	Temporary identity assign	-	i	

A.2.1.1.4 SS features (services)

Table A.4: EN 300 476-1, Table A.15 SS features (services) supported

Item	CC(CRSS) and CISS features	Reference	Status	Support
8	Calling Line Identification Presentation (CLIP)	6.2	o	

A.2.1.1.5 LCE features

Table A.5: EN 300 476-1, Table A.16 LCE features supported

Item	LCE features	Reference	Status	Support
1	Connection oriented Link control (Link control)	6.2	m	
2	Connectionless oriented Link control	-	i	

A.2.1.1.6 Procedures

Table A.6: EN 300 476-1, Table A.18 CC procedures supported

Item	CC procedures	Reference	Status	Support
1	cc_outgoing_normal_call_request	8.2	m	
4	cc_outgoing_selection_of_lower_layer_resources	-	i	
5	cc_outgoing_connection_of_U_plane	8.3, 8.4, 8.5, 8.6	m	
6	cc_outgoing_overlap_sending	8.3	m	
7	cc_outgoing_call_proceeding	8.4	m	
8	cc_outgoing_call_confirmation	8.5	m	
9	cc_outgoing_call_connection	8.6	m	
10	cc_incoming_call_request	8.12	m	
11	cc_incoming_selection_of_lower_layer_resources	-	i	
12	cc_incoming_connection_of_U_plane	8.15	m	
13	cc_incoming_overlap_receiving	-	i	
14	cc_incoming_call_proceeding	-	i	
15	cc_incoming_call_confirmation	8.13	m	
16	cc_incoming_call_connection	8.15	m	
17	cc_sending_terminal_capability	-	i	
18	cc_sending_keypad_info	8.10	m	
19	cc_call_information	8.10	m	
20	cc_normal_call_release	8.7	m	
21	cc_partial_release	8.9	c601	
22	cc_abnormal_call_release	8.8	m	
23	cc_release_collisions	8.7.2.1	m	
31	cc_timer_p_cc_02_mgt	8.7	m	
32	cc_timer_p_cc_03_mgt	8.2	m	
33	cc_timer_p_cc_04_mgt	-	i	
34	cc_timer_p_cc_05_mgt	8.15	m	
35	cc_internal_call_setup	8.18	c602	
39	cc_internal_call_keypad	8.19	c602	
40	pt_alerting	8.14	m	
41	display	8.16	c603	

c601: IF A.2/23 THEN m ELSE n/a
c602: IF A.2/18 THEN o.601 ELSE n/a
c603: IF A.2/9 OR A.2/26 THEN m ELSE n/a
o.601: It is mandatory to support at least one of these options

Table A.7: EN 300 476-1, Table A.19 MM procedures supported

Item	Mobility Management procedures	Reference	Status	Support
1	mm_identification_of_pt	8.22	m	
2	mm_temporary_identity_assignment	-	i	
3	mm_authentication_of_pt	8.24	m	
4	mm_authentication_of_user	8.25	m	
5	mm_authentication_of_ft	8.23	c701	
6	mm_location_registration	8.28	m	
8	mm_location_update	8.29	m	
9	mm_obtain_access_rights	8.30	m	
10	mm_pt_init_terminate_access_rights	-	i	
11	mm_ft_init_terminate_access_rights	8.31	m	
12	mm_key_allocation	8.32	m	
13	mm_pt_init_parameter_retrieval	-	i	
14	mm_ft_init_parameter_retrieval	-	i	
15	mm_pt_init_cipher_switching	8.34	c702	
16	mm_ft_init_cipher_switching	8.33	c703	
17	mm_zap_increment	8.26	m	
18	mm_dck_storing	8.27	c704	
19	mm_dck_sending	-	i	
20	mm_service_class_mgt	8.30, 8.24	m	
21	mm_partial_release	8.39	m	
22	mm_timer_p_mm_access_1_mgt	8.30.1.1	m	
23	mm_timer_p_mm_access_2_mgt	-	i	
24	mm_timer_p_mm_auth_1_mgt	8.32.1.2	m	
25	mm_timer_p_mm_cipher_2_mgt	8.34.1.1	c702	
26	mm_timer_p_mm_locate_1_mgt	8.28.1.1	m	
27	mm_timer_p_mm_wait_mgt	-	i	

c701: IF A.3/1 THEN m
ELSE IF A.3/19 OR A.3/21 THEN o
ELSE n/a
c702: IF A.3/5 OR A.3/7 THEN m ELSE n/a
c703: IF A.3/4 OR A.3/6 THEN m ELSE n/a
c704: IF A.3/4 OR A.3/5 OR A.3/6 OR A.3/7 THEN o ELSE n/a

Table A.8: EN 300 476-1, Table A.20 SS protocols supported

Item	SS protocol name	Reference	Status	Support
1	crss_keypad_protocol	8.10	m	

Table A.9: EN 300 476-1, Table A.23 LCE procedures supported

Item	LCE procedures	Reference	Status	Support
1	lce_direct_pt_init_link_establishment	8.36	m	
2	lce_indirect_ft_init_link_establishment	8.35	m	
3	lce_direct_ft_init_link_establishment	-	i	
5	lce_link_suspend	-	i	
6	lce_link_resume	-	i	
7	lce_link_release	8.37, 8.38	m	
8	lce_link_partial_release	8.39	m	
9	lce_cl_message_routing	-	i	
10	lce_cl_broadcast_announce	-	i	
11	lce_timer_lce_01_mgt	8.37.1.1	m	
12	lce_timer_lce_02_mgt	8.39.1.1	m	
13	lce_timer_lce_04_mgt	-	i	

A.2.1.2 Messages

A.2.1.2.1 Call control messages

Table A.10: EN 300 476-1, Table A.25 CC sending (P to F) messages supported

Item	CC sending (P to F) Message name	Reference	Status	Support
1	CC-SETUP	8.2	m	
2	CC-INFOrmation	8.10	m	
5	CC-ALERTING	8.13	m	
6	CC-CONNECT	8.15	m	
8	CC-RELEASE	8.7, 8.9	m	
9	CC-RELEASE-COMplete	8.7, 8.8	m	
14	IWU-INFOrmation	-	i	

Table A.11: EN 300 476-1, Table A.26 CC receiving (F to P) messages supported

Item	CC receiving (F to P) Message name	Reference	Status	Support
1	CC-SETUP	8.2	m	
2	CC-INFOrmation	8.16	m	
3	CC-SETUP-ACKnowledge	8.3	m	
4	CC-CALL-PROCeeding	8.4	m	
5	CC-ALERTING	8.5	m	
6	CC-CONNECT	8.6	m	
7	CC-CONNECT-ACKnowledge	8.15	m	
8	CC-RELEASE	8.7, 8.9	m	
9	CC-RELEASE-COMplete	8.7, 8.8	m	
13	CC-NOTIFY	6.9.6	m	
14	IWU-INFOrmation	-	i	

A.2.1.2.2 Mobility management messages

Table A.12: EN 300 476-1, Table A.51 MM message sending (P to F) supported

Item	MM message sending (P to F) Message name	Reference	Status	Support
3	ACCESS-RIGHTS-REQUEST	8.30	m	
4	ACCESS-RIGHTS-TERMINATE-ACCEPT	8.31	m	
5	ACCESS-RIGHTS-TERMINATE-REJECT	8.31.2.1	m	
6	ACCESS-RIGHTS-TERMINATE-REQUEST	-	i	
7	AUTHENTICATION-REJECT	8.23.2.1, 8.32.2.4	m	
8	AUTHENTICATION-REPLY	8.24, 8.25	m	
9	AUTHENTICATION-REQUEST	8.32, 8.23	m	
10	CIPHER-REJECT	8.33.2.1	c1201	
12	CIPHER-SUGGEST	8.34	c1202	
13	DETACH	-	i	
14	IDENTITY-REPLY	8.22	m	
19	LOCATE-REQUEST	8.28	m	
22	MM-INFO-REQUEST	-	i	
25	TEMPORARY-IDENTITY-ASSIGN-ACKNOWLEDGE	8.28	m	
26	TEMPORARY-IDENTITY-ASSIGN-REJECT	8.28.2.3	m	

c1201: IF A.7/15 OR A.7/16 THEN m ELSE n/a
c1202: IF A.7/15 THEN m ELSE n/a

Table A.13: EN 300 476-1, Table A.52 MM message receiving (F to P) supported

Item	MM message receiving (F to P) Message name	Reference	Status	Support
1	ACCESS-RIGHTS-ACCEPT	8.30	m	
2	ACCESS-RIGHTS-REJECT	8.30.2.1	m	
4	ACCESS-RIGHTS-TERMINATE-ACCEPT	-	i	
5	ACCESS-RIGHTS-TERMINATE-REJECT	-	i	
6	ACCESS-RIGHTS-TERMINATE-REQUEST	8.31	m	
7	AUTHENTICATE-REJECT	8.32.2.3, 8.23.2.1	m	
8	AUTHENTICATE-REPLY	8.23, 8.32	m	
9	AUTHENTICATE-REQUEST	8.24, 8.25, 8.26, 8.27	m	
10	CIPHER-REJECT	8.34.2.1	c1301	
11	CIPHER-REQUEST	8.33	c1302	
15	IDENTITY-REQUEST	8.22	m	
16	KEY-ALLOCATE	8.32	m	
17	LOCATE-ACCEPT	8.28	m	
18	LOCATE-REJECT	8.28.2.1	m	
20	MM-INFO-ACCEPT	-	i	
21	MM-INFO-REJECT	-	i	
23	MM-INFO-SUGGEST	8.29	m	
24	TEMPORARY-IDENTITY-ASSIGN	-	i	

c1301: IF A.7/15 THEN m ELSE n/a
c1302: IF A.7/15 OR A.7/16 THEN m ELSE n/a

A.2.1.2.3 Link control entity messages

Table A.14: EN 300 476-1, Table A.126 LCE message sending (P to F) supported

Item	LCE message sending (P to F) Message name	Reference	Status	Support
1	LCE-PAGE-RESPONSE	8.35	m	

Table A.15: EN 300 476-1, Table A.127 LCE message receiving (F to P) supported

Item	LCE message receiving (F to P) Message name	Reference	Status	Support
2	LCE-PAGE-REJECT	8.35.2.1	m	
3	LCE-REQUEST-PAGE short	8.35	m	
4	LCE-REQUEST-PAGE long	-	i	

A.2.2 Tables for PP DLC layer

A.2.2.1 Capabilities

A.2.2.1.1 Services

Table A.16: EN 300 476-2, Table A.9 Data link services

Item	Data link services	Reference	Status	Support
1	C-plane services	6.3	m	
2	U-plane services	6.3	m	

Table A.17: EN 300 476-2, Table A.10 C-plane services

Item	C-plane services	Reference	Status	Support
1	Class U service	-	i	
2	Class A service (LAPC class A service and Lc; Cs channel fragmentation and recommendation)	6.3	m	
3	Class B service	-	i	
4	Broadcast service (Broadcast Lb service)	6.3	m	

Table A.18: EN 300 476-2, Table A.11 U-plane services

Item	U-plane services	Reference	Status	Support
1	LU1-Transparent Unprotected service	6.3	m	

Table A.19: EN 300 476-2, Table A.12 Management services

Item	Management services	Reference	Status	Support
1	MAC connection management	6.3, 6.4	m	
2	DLC C-plane management	6.3	m	
3	DLC U-plane management	6.3	m	
4	Connection handover management	6.3	Intra-cell: m	
	(Intracell/intercell voluntary)	6.3	Inter-cell: m	
5	Connection ciphering management	6.3	Encryption activation: c1901	
	(Encryption activation/deactivation)	6.3	Encryption deactivation: c1902	

c1901: IF A.3/4 OR A.3/5 THEN m ELSE i
c1902: IF A.3/6 OR A.3/7 THEN m ELSE i

A.2.2.1.2 Procedures

Table A.20: EN 300 476-2, Table A.13 Generic signalling procedures

Item	Generic signalling procedures	Reference	Status	Support
1	Segmentation of NWK information	9.2.3	o	
2	C_S channel fragmentation and recombination	9.5	m	
3	C_F channel fragmentation and recombination	-	i	

Table A.21: EN 300 476-2, Table A.14 Class A procedures

Item	Class A procedures	Reference	Status	Support
1	Class A link establishment	9.1	m	
2	Class A acknowledged information transfer	9.2	m	
3	Class A link release	9.3	m	
4	Class A link re-establishment	9.4	m	
5	Class A (basic) connection handover	9.7	m	

Table A.22: EN 300 476-2, Table A.16 Broadcast procedures

Item	Broadcast procedures	Reference	Status	Support
1	Normal operation (broadcast)	9.6	m	
2	Expedited operation	-	i	

Table A.23: EN 300 476-2, Table A.17 LU1 procedures

Item	LU1 procedures	Reference	Status	Support
1	U plane Class 0/min_delay	9.9	m	
2	U plane Class 0	-	i	
3	FU1 frame operation	9.10	m	

Table A.24: EN 300 476-2, Table A.28 Management procedures

Item	Management procedures	Reference	Status	Support
1	MAC connection management	9.1.1.4	m	
2	DLC C-plane management	9.1 to 9.8	m	
3	DLC U-plane management	9.9.1.1	m	
4	Connection handover management	9.7.2.1	m	
5	Connection ciphering management (Encryption switching)	9.8	Encryption Activation: c2401	
			Encryption Deactivation: c2402	

c2401: IF A.3/4 OR A.3/5 THEN m ELSE i
c2402: IF A.3/6 OR A.3/7 THEN m ELSE i

Table A.25: EN 300 476-2, Table A.29 MAC connection management procedures

Item	MAC connection management procedures	Reference	Status	Support
5	Selection of logical channels (only C_S) (Cs channel fragmentation and recommendation)	9.5	m	

Table A.26: EN 300 476-2, Table A.32 Connection ciphering management procedures

Prerequisite: A.24/5				
Item	**Connection ciphering management procedures**	**Reference**	**Status**	**Support**
1	Providing a key to the MAC layer	9.8.1.1	m	
2	Starting the ciphering	9.8	m	
3	Stopping the ciphering	9.8	o	
4	Connection handover of ciphered connection	9.8.2.2	m	

A.2.2.2 Protocol PDUs

A.2.2.2.1 C-plane PDUs

Table A.27: EN 300 476-2, Table A.54 Broadcast service frame structure (Receiving F to P)

Item	Frame elements	Reference	Status	Support
1	Short frame format (3 octets)	9.6	m	
2	Long frame format (5 octets)	-	i	

A.2.2.2.2 C-plane messages

Table A.28: EN 300 476-2, Table A.55 Class A messages support (Sending P to F)

Item	Class A messages	Reference	Status	Support
1	I-command	9.1, 9.2.1	m	
2	RR-command/response	9.1, 9.2.2	m	

Table A.29: EN 300 476-2, Table A.56 Class A messages support (Receipt F to P)

Item	Class A messages	Reference	Status	Support
1	I-command	9.1, 9.2.1	m	
2	RR-command/response	9.1, 9.2.2	m	

A.2.2.2.3 U-plane PDUs

Table A.30: EN 300 476-2, Table A.127 U-plane frames (Sending P to F)

Item	U-plane frames	Reference	Status	Support
1	FU1 frame structure	9.10	m	

Table A.31: EN 300 476-2, Table A.128 U-plane frames (Receipt F to P)

Item	U-plane frames	Reference	Status	Support
1	FU1 frame structure	12.2.1	m	

A.2.3 Tables for PP MAC layer

A.2.3.1 Major Capabilities

A.2.3.1.1 Services

Table A.32: EN 300 476-3, Table A.9 Service groups supported

Item	Name of service	Reference	Status	Support
1	Connection oriented control	6.4	m	
2	Broadcast control	6.4	m	
3	Connectionless control	-	i	
4	Multiplexing (General)	6.4	m	
5	Management (General)	6.4	m	

A.2.3.1.1.1 Connection oriented control services

Table A.33: EN 300 476-3, Table A.10 Connection oriented control services

Item	Connection oriented control services	Reference	Status	Support
1	Basic connections	6.4	m	
2	Advanced symmetric connections	-	i	
3	Advanced asymmetric connections	-	i	

Table A.34: EN 300 476-3, Table A.14 C-plane connection services

Item	C-plane connection services	Reference	Status	Support
1	Only C_S channel supported (Cs higher layer signalling)	6.4	m	
2	C_S and C_F channels supported	-	i	
3	Only C_F channel supported	-	i	

A.2.3.1.1.2 Broadcast control services

Table A.35: EN 300 476-3, Table A.15 Broadcast control services

Item	Broadcast services	Reference	Status	Support
1	Continuous broadcast	6.4	m	
2	Non-continuous broadcast	-	i	
3	Paging broadcast	6.4	m	

A.2.3.1.1.3 Multiplexing services

Table A.36: EN 300 476-3, Table A.19 CSF multiplexing services

Item	CSF multiplexing services	Reference	Status	Support
7	Encryption activation	6.4	c3601	
8	Encryption deactivation	6.4	c3602	

c3601: IF A.3/4 OR IF A.3/5 THEN m ELSE i
c3602: IF A.3/6 OR IF A.3/7 THEN m ELSE i

A.2.3.1.1.4 Management services

Table A.37: EN 300 476-3, Table A.24 Management services

Item	Management services	Reference	Status	Support
5	In-connection quality control (Quality control)	6.4	m	
9	SARI support	6.4	m	

Table A.38: EN 300 476-3, Table A.25 Handover services management

Item	Handover services	Reference	Status	Support
1	Connection handover	6.4	intra-cell: m	
	(intra/inter cell)	6.4	inter-cell: m	
2	Bearer handover	6.4	intra-cell: m	
	(intra/inter cell)	6.4	inter-cell: m	

A.2.3.2 Procedures

A.2.3.2.1 Connection setup procedures

Table A.39: EN 300 476-3, Table A.25 C/O single bearer setup procedures

Item	Name of procedure	Reference	Status	Support
1	Basic setup, single bearer basic connection of known service (Setup of basic connection, basic bearer setup (A-field))	10.4	m	
2	Normal setup, single bearer duplex connection known service	-	i	
3	Fast setup, single bearer duplex connection known service	-	i	

Table A.40: EN 300 476-3, Table A.29 C/O bearer setup procedures

Item	Name of procedure	Reference	Status	Support
1	Basic bearer setup	10.4	m	

A.2.3.2.2 Connection data transfer procedures

Table A.41: EN 300 476-3, Table A.31 C/O data transfer procedures

Item	Name of procedure	Reference	Status	Support
2	Cs-channel data	10.8	m	
3	Q1/Q2 setting for sliding collision/A-,B-field check (FT to PT) (Sliding collision detection)	10.12	o	
4	Antenna diversity (React on Q1 bit in direction PT to FT)	10.11	i	
5	Q2 bit settings	10.9	m	
6	Antenna diversity-Q1 bit settings	10.11	m	

A.2.3.2.3 Connection handover procedures

Table A.42: EN 300 476-3, Table A.32 C/O connection handover procedures

Item	Name of procedure	Reference	Status	Support
1	Connection handover (request)	10.7	m	
2	Duplex bearer handover (request)	10.6	m	
3	Double simplex bearer handover	-	i	

A.2.3.2.4 Connection release procedures

Table A.43: EN 300 476-3, Table A.33 C/O connection release procedures

Item	Name of procedure	Reference	Status	Support
1	Unacknowledged bearer release (Connection/bearer release)	10.5	m	

A.2.3.2.5 Broadcast procedures

Table A.44: EN 300 476-3, Table A.34 Broadcast procedures

Item	Name of procedure	Reference	Status	Support
1	Normal paging (Paging broadcast)	10.3	m	
2	Fast paging	-	i	
3	Downlink broadcast	10.2	m	

A.2.3.2.6 CSF multiplexing procedures

Table A.45: EN 300 476-3, Table A.37 CSF multiplexing procedures

Item	CSF multiplexing procedures	Reference	Status	Support
1	Encryption	10.13	Encryption process-initialization and synchronization: c4501	
		10.14	Encryption mode control: c4502	
		10.15	Handover encryption process: c4501	
2	Scrambling (General)	10.1	m	
3	R-CRC generation (General)	10.1	m	
4	R-CRC checking (General)	10.1	m	
5	X-CRC generation (General)	10.1	m	
6	X-CRC checking (General)	10.1	m	

c4501: IF A.36/7 THEN m ELSE i
c4502: IF A.36/7 OR A.36/8 THEN m ELSE i

A.2.3.2.7 Layer management procedures

Table A.46: EN 300 476-3, Table A.38 Layer management procedures

Item	Name of procedure	Reference	Status	Support
5	RFPI handshake	10.10	m	
7	RFP idle receiver scan sequence (General)	10.1	m	

A.2.3.3 Other capabilities

Table A.47: EN 300 476-3, Table A.39 Extended RF carriers supported

Item	Extended RF Carriers	Reference	Status	Support
1	Extended RF carriers (Extended frequency allocation)	10.16	m	

Table A.48: EN 300 476-3, Table A.40 Operation modes in Idle_locked state supported

Item	Operation mode	Reference	Status	Support
2	High duty cycle Idle_locked mode	-	i	
3	Normal cycle Idle_locked mode (General)	10.1	m	
4	Low cycle Idle_locked mode	-	i	

A.2.4 Tables for PP PHL layer

A.2.4.1 Physical layer procedures

Table A.49: EN 300 476-7, Table A.15 Physical layer procedures

Item	Procedure name	Reference	Status	Support
2	Addition of Z-field	11.4	m	
4	Receipt of Z-field	11.4	m	
9	Basic physical channel R32 management	10.1, 11.1	m	
10	The low-rate physical channel R08j management	10.1, 11.1	i	
11	The high capacity physical channel R80 management	10.1, 11.1	i	
12	Sliding collision detection	11.5	m	

Table A.50: EN 300 474-1 [28], Table B.17 GAP specific PH requirements

Item	Requirement	Reference	Status	Support	Allowed values	Supported values
1	Full Slots shall be used	11.1, 12.1	m		n/a	
2	Minimum Normal Transmit Power (NTP)	11.2	m		> 80 mW per simultaneously active transmitter	
3	Radio receiver sensitivity	11.3	m		at least - 86 dBm	
4	Physical channel availability	11.6	m		n/a	
5	Synchronization window (synchronized reference timer)	11.7	m		at least ± 4 bits	
6	Synchronization window (not synchronized reference timer)	11.7	m		at least ± 10 bits	
7	User controlled volume control	12.2	c50 01		RLR_H decrease < 6 dB	

c5001: IF NOT Adaptive Volume Control THEN m ELSE i

A.2.5 Tables for PP Application requirements

A.2.5.1 Application features

Table A.51: EN 300 474-1 [28], Table B.12 Application features supported

Item	Name of feature	Reference	Status	Support
1	AC_bitstring_mapping	6.6	m	
2	Multiple subscription registration	6.6	m	
3	Manual entry of the PARK	6.6	o	

A.2.5.2 Application Procedures

Table A.52: EN 300 474-1 [28], Table B.13 Application procedures supported

Item	Name of procedure	Reference	Status	Support
1	Subscription control	14.1	m	
2	AC to bitstring mapping	14.2	m	
3	Manual entry of the PARK	14.3	c5201	

c5201: IF A.51/3 THEN m ELSE n/a.

A.3 Fixed Part (FP)

Tables listed in this clause are valid for FPs complying with GAP in all environments: business, residential and public, except where indicated in the table header.

A.3.1 Tables for FP NWK layer

A.3.1.1 Major capabilities

A.3.1.1.1 Entities

Table A.53: EN 300 476-4, Table A.12 Entity supported

Item	Entity name	Reference	Status	Support
1	Call control (CC)	6.2	m	
2	Call Independent Supplementary Services (CISS)	-	i	
3	Connection oriented message services (COMS)	-	i	
4	Connectionless message services (CLMS)	-	i	
5	Mobility management (MM)	6.2	m	
6	Link control entity (LCE)	6.2	m	
7	Management (LLME)	13	m	

A.3.1.1.2 CC features

Table A.54: EN 300 476-4, Table A.13 CC features supported

Item	Call Control features, Residential/Business	Reference	Status	Support
1	Bell off (Alerting)	6.2	m	
2	Bell on (Alerting)	6.2	m	
3	Control of supervisory tones	-	i	
4	Dial tone detection indication	-	i	
5	Dialled digits (basic)	6.2	m	
6	Dialled digits additional	-	i	
7	Dialling delimiter	-	i	
8	Dialling delimiter request	-	i	
9	Display control characters	6.2	o	
10	Emergency service access request	-	i	
11	External Handover (inter-cell)	-	i	
12	Fixed part/portable part capability exchange	-	i	
13	Go to DTMF (infinite tone length)	6.2	o	
14	Go to DTMF signalling (defined tone length)	6.2	o	
15	Go to Pulse	6.2	o	
16	Group address	-	i	
17	Incoming call	6.2	m	
18	Internal call	6.2	o	
19	Off hook	6.2	m	
20	On hook (full release)	6.2	m	
21	Outgoing call	6.2	m	
22	Packet mode	-	i	
23	Partial release	6.2	o	
24	Pause (dialling pause)	6.2	o	
25	Register recall	6.2	o	
26	Signalling of display characters	6.2	o	
27	Selection of bearer service	-	i	
28	Service call	-	i	
29	Service change	-	i	

Table A.55: EN 300 476-4, Table A.13 CC features supported

Item	Call Control features, Public	Reference	Status	Support
1	Bell off (Alerting)	6.2	m	
2	Bell on (Alerting)	6.2	m	
3	Control of supervisory tones	-	i	
4	Dial tone detection indication	-	i	
5	Dialled digits (basic)	6.2	m	
6	Dialled digits additional	-	i	
7	Dialling delimiter	-	i	
8	Dialling delimiter request	-	i	
9	Display control characters	6.2	o	
10	Emergency service access request	-	i	
11	External Handover (inter-cell)	-	i	
12	Fixed part/portable part capability exchange	-	i	
13	Go to DTMF (infinite tone length)	6.2	o	
14	Go to DTMF signalling (defined tone length)	6.2	m	
15	Go to Pulse	6.2	o	
16	Group address	-	i	
17	Incoming call	6.2	m	
18	Internal call	6.2	o	
19	Off hook	6.2	m	
20	On hook (full release)	6.2	m	
21	Outgoing call	6.2	m	
22	Packet mode	-	i	
23	Partial release	6.2	o	
24	Pause (dialling pause)	6.2	o	
25	Register recall	6.2	o	
26	Signalling of display characters	6.2	o	
27	Selection of bearer service	-	i	
28	Service call	-	i	
29	Service change	-	i	

A.3.1.1.3 MM features

Table A.56: EN 300 476-4, Table A.14 MM features supported

Item	Mobility Management features, Residential/Business	Reference	Status	Support
1	Authentication of FT	6.2	o	
2	Authentication of PT	6.2	o	
3	Authentication of user	6.2	o	
4	Encryption activation FT initiated	6.2	o	
5	Encryption activation PT initiated	6.2	o	
6	Encryption deactivation FT initiated	6.2	o	
7	Encryption deactivation PT initiated	6.2	o	
8	Identification of PP	6.2	o	
9	Inter-operator roaming registration	-	i	
10	Location de-registration	-	i	
11	Location registration	6.2	o	
12	Multiple subscription registration	6.6	n/a	
13	On air key allocation	6.2	o	
14	Service class indication/assignment	6.2	o	
15	Silent polling	-	i	
16	Subscription registration procedure on-air	6.2	m	
17	Subscription registration user procedure with DECT authentication module	-	i	
18	Subscription registration user procedures keypad (digit entry only)	-	i	
19	Terminate access rights FT initiated	6.2	o	
20	Terminate access rights PT initiated	-	i	
21	ZAP	6.2	o	
22	MM Partial release (Link control)	8.39	m	
23	Temporary identity assign	-	i	

Table A.57: EN 300 476-4, Table A.14 MM features supported

Item	Mobility Management features, Public	Reference	Status	Support
1	Authentication of FT	6.2	o	
2	Authentication of PT	6.2	m	
3	Authentication of user	6.2	o	
4	Encryption activation FT initiated	6.2	o	
5	Encryption activation PT initiated	6.2	o	
6	Encryption deactivation FT initiated	6.2	o	
7	Encryption deactivation PT initiated	6.2	o	
8	Identification of PP	6.2	o	
9	Inter-operator roaming registration	-	i	
10	Location de-registration	-	i	
11	Location registration	6.2	m	
12	Multiple subscription registration	6.6	n/a	
13	On air key allocation	6.2	o	
14	Service class indication/assignment	6.2	m	
15	Silent polling	-	i	
16	Subscription registration procedure on-air	6.2	m	
17	Subscription registration user procedure with DECT authentication module	-	i	
18	Subscription registration user procedures keypad (digit entry only)	-	i	
19	Terminate access rights FT initiated	6.2	o	
20	Terminate access rights PT initiated	-	i	
21	ZAP	6.2	o	
22	MM Partial release (Link control)	8.39	m	
23	Temporary identity assign	-	i	

A.3.1.1.4 SS features (services)

Table A.58: EN 300 476-4, Table A.15 SS features (services) supported

Item	CC(CRSS) and CISS features	Reference	Status	Support
8	Calling Line Identification Presentation (CLIP)	6.2	o	

A.3.1.1.5 LCE features

Table A.59: EN 300 476-4, Table A.16 LCE features supported

Item	LCE features	Reference	Status	Support
1	Connection oriented Link control (Link control)	6.2	m	
2	Connectionless oriented Link control	-	i	

A.3.1.1.6 Procedures

Table A.60: EN 300 476-4, Table A.18 CC procedures supported

Item	CC procedures	Reference	Status	Support
1	cc_outgoing_normal_call_request	8.2	m	
4	cc_outgoing_selection_of_lower_layer_resources	-	i	
5	cc_outgoing_connection_of_U_plane	8.3, 8.4, 8.5, 8.6	m	
6	cc_outgoing_overlap_sending	8.3	o	
7	cc_outgoing_call_proceeding	8.4	o	
8	cc_outgoing_call_confirmation	8.5	o	
9	cc_outgoing_call_connection	8.6	m	
10	cc_incoming_call_request	8.12	m	
11	cc_incoming_selection_of_lower_layer_resources	-	i	
12	cc_incoming_connection_of_U_plane	8.15	m	
13	cc_incoming_overlap_receiving	-	i	
14	cc_incoming_call_proceeding	-	i	
15	cc_incoming_call_confirmation	8.13	m	
16	cc_incoming_call_connection	8.15	m	
17	cc_sending_terminal_capability	-	i	
18	cc_sending_keypad_info	8.10	m	
19	cc_call_information	8.10	i	
20	cc_normal_call_release	8.7	m	
21	cc_partial_release	8.9	c6001	
22	cc_abnormal_call_release	8.8	m	
23	cc_release_collisions	8.7.2.1	m	
31	cc_timer_f_cc_02_mgt	8.7	m	
32	cc_timer_f_cc_03_mgt	8.2	m	
33	cc_timer_f_cc_04_mgt	-	i	
34	cc_timer_f_cc_01_mgt	8.3	c6002	
35	cc_internal_call_setup	8.18	c6003	
39	cc_internal_call_keypad	8.19	c6004	
40	pt_alerting	8.14	m	
41	display	8.16	c6005	

c6001: IF A.55/23 THEN m ELSE n/a
c6002: IF A.60/6 THEN m ELSE n/a
c6003: IF A.55/18 THEN m ELSE n/a
c6004: IF A.55/18 THEN o ELSE n/a
c6005: IF A.55/9 OR A.55/26 THEN m ELSE n/a

Table A.61: EN 300 476-4, Table A.19 MM procedures supported

Item	Mobility Management procedures, Residential/Business	Reference	Status	Support
1	mm_identification_of_pt	8.22	c6101	
2	mm_temporary_identity_assignment	-	i	
3	mm_authentication_of_pt	8.24	c6102	
4	mm_authentication_of_user	8.25	c6103	
5	mm_authentication_of_ft	8.23	c6104	
6	mm_location_registration	8.28	c6105	
8	mm_location_update	8.29	c6106	
9	mm_obtain_access_rights	8.30	m	
10	mm_pt_init_terminate_access_rights	-	i	
11	mm_ft_init_terminate_access_rights	8.31	c6109	
12	mm_key_allocation	8.32	c6110	
13	mm_pt_init_parameter_retrieval	-	i	
14	mm_ft_init_parameter_retrieval	-	i	
15	mm_pt_init_cipher_switching	8.34	c6111	
16	mm_ft_init_cipher_switching	8.33	c6112	
17	mm_zap_increment	8.26	c6113	
18	mm_dck_storing	8.27	c6114	
19	mm_dck_sending	-	i	
20	mm_service_class_mgt	8.30, 8.24	c6115	
21	mm_partial_release	8.39	m	
23	mm_timer_f_mm_ident_1_mgt	8.28.1.2	c6119	
24	mm_timer_f_mm_access_2_mgt	8.31.1.1	c6109	
25	mm_timer_f_mm_auth_1_mgt	8.32.1.2	c6102	
26	mm_timer_f_mm_cipher_1_mgt	8.33.1.1	c6120	
27	mm_timer_f_mm_key_1_mgt	8.32.2.1	c6110	
28	mm_timer_f_mm_ident.2_mgt	8.28	c6101	
29	mm_timer_f_mm_auth_2_mgt	8.25.1.1	c6103	

c6101: IF A.56/8 OR A.56/9 OR A.56/15 THEN m ELSE n/a
c6102: IF A.56/2 THEN m
ELSE IF A.56/9 OR A.56/14 OR A.56/20 THEN o
ELSE n/a
c6103: IF A.56/3 THEN m
ELSE IF A.56/9 OR A.56/14 THEN o
ELSE n/a
c6104: IF A.56/1 THEN m
ELSE IF A.56/19 OR A.56/21 THEN o
ELSE n/a
c6105: IF A.56/11 THEN m ELSE n/a
c6106: IF A.56/11 THEN o ELSE i
c6109: IF A.56/19 THEN m ELSE n/a
c6110: IF A.56/13 THEN m ELSE n/a
c6111: IF A.56/5 OR A.56/7 THEN m ELSE n/a
c6112: IF A.56/4 OR A.56/6 THEN m ELSE n/a
c6113: IF A.56/21 THEN m ELSE n/a
c6114: IF A.56/4 OR A.56/5 OR A.56/6 OR A.56/7 THEN o ELSE n/a
c6115: IF A.56/14 THEN m ELSE n/a
c6119: IF A.56/23 OR A.56/11 THEN m ELSE n/a
c6120: IF A.56/4 OR A.56/5 OR A.56/6 OR A.56/7 THEN m ELSE n/a

Table A.62: EN 300 476-4, Table A.19 MM procedures supported

Item	Mobility Management procedures, Public	Reference	Status	Support
1	mm_identification_of_pt	8.22	c6201	
2	mm_temporary_identity_assignment	-	i	
3	mm_authentication_of_pt	8.24	m	
4	mm_authentication_of_user	8.25	c6203	
5	mm_authentication_of_ft	8.23	c6204	
6	mm_location_registration	8.28	m	
8	mm_location_update	8.29	o	
9	mm_obtain_access_rights	8.30	m	
10	mm_pt_init_terminate_access_rights	-	i	
11	mm_ft_init_terminate_access_rights	8.31	c6209	
12	mm_key_allocation	8.32	c6210	
13	mm_pt_init_parameter_retrieval	-	i	
14	mm_ft_init_parameter_retrieval	-	i	
15	mm_pt_init_cipher_switching	8.34	c6211	
16	mm_ft_init_cipher_switching	8.33	c6212	
17	mm_zap_increment	8.26	c6213	
18	mm_dck_storing	8.27	c6214	
19	mm_dck_sending	-	i	
20	mm_service_class_mgt	8.30, 8.24	c6215	
21	mm_partial_release	8.39	m	
23	mm_timer_f_mm_ident_1_mgt	8.28.1.2	c6219	
24	mm_timer_f_mm_access_2_mgt	8.31.1.1	c6209	
25	mm_timer_f_mm_auth_1_mgt	8.32.1.2	c6202	
26	mm_timer_f_mm_cipher_1_mgt	8.33.1.1	c6220	
27	mm_timer_f_mm_key_1_mgt	8.32.2.1	c6210	
28	mm_timer_f_mm_ident.2_mgt	8.28	c6201	
29	mm_timer_f_mm_auth_2_mgt	8.25.1.1	c6203	

c6201: IF A.57/8 OR A.57/9 OR A.57/15 THEN m ELSE n/a
c6202: IF A.57/2 THEN m
ELSE IF A.57/9 OR A.57/14 OR A.57/20 THEN o
ELSE n/a
c6203: IF A.57/3 THEN m
ELSE IF A.57/9 OR A.57/14 THEN o
ELSE n/a
c6204: IF A.57/1 THEN m
ELSE IF A.57/19 OR A.57/21 THEN o
ELSE n/a
c6209: IF A.57/19 THEN m ELSE n/a
c6210: IF A.57/13 THEN m ELSE n/a
c6211: IF A.57/5 OR A.57/7 THEN m ELSE n/a
c6212: IF A.57/4 OR A.57/6 THEN m ELSE n/a
c6213: IF A.57/21 THEN m ELSE n/a
c6214: IF A.57/4 OR A.57/5 OR A.57/6 OR A.57/7 THEN o ELSE n/a
c6215: IF A.57/14 THEN m ELSE n/a
c6219: IF A.57/23 OR A.57/11 THEN m ELSE n/a
c6220: IF A.57/4 OR A.57/5 OR A.57/6 OR A.57/7 THEN m ELSE n/a

Table A.63: EN 300 476-4, Table A.20 SS protocols supported

Item	SS protocol name	Reference	Status	Support
1	crss_keypad_protocol	8.10	m	

Table A.64: EN 300 476-4, Table A.23 LCE procedures supported

Item	LCE procedures	Reference	Status	Support
1	lce_direct_pt_init_link_establishment	8.36	m	
2	lce_indirect_ft_init_link_establishment	8.35	m	
3	lce_direct_ft_init_link_establishment	-	i	
4	lce_link_maintenance	8.39	m	
5	lce_link_suspend	-	i	
6	lce_link_resume	-	i	
7	lce_link_release	8.37, 8.38	m	
8	lce_link_partial_release	8.39	m	
9	lce_cl_message_routing	-	i	
10	lce_cl_broadcast_announce	-	i	
11	lce_timer_lce_01_mgt	8.37.1.1	m	
12	lce_timer_lce_02_mgt	8.39.1.1	m	
13	lce_timer_lce_03_mgt	8.35.1.1	m	
14	lce_timer_lce_04_mgt	-	i	

A.3.1.2 Messages

A.3.1.2.1 Call control messages

Table A.65: EN 300 476-4, Table A.25 CC receiving (P to F) messages supported

Item	CC receiving (P to F) Message name	Reference	Status	Support
1	CC-SETUP	8.2	m	
2	CC-INFOrmation	8.10	m	
5	CC-ALERTING	8.13	m	
6	CC-CONNECT	8.15	m	
8	CC-RELEASE	8.7, 8.8	m	
9	CC-RELEASE-COMplete	8.7, 8.9	m	
14	IWU-INFOrmation	-	i	

Table A.66: EN 300 476-4, Table A.26 CC sending (F to P) messages supported

Item	CC sending (F to P) Message name	Reference	Status	Support
1	CC-SETUP	8.2	m	
2	CC-INFOrmation	8.16	c6601	
3	CC-SETUP-ACKnowledge	8.3	o	
4	CC-CALL-PROCeeding	8.4	o	
5	CC-ALERTING	8.5	o	
6	CC-CONNECT	8.6	m	
7	CC-CONNECT-ACKnowledge	8.15	m	
8	CC-RELEASE	8.7, 8.9	m	
9	CC-RELEASE-COMplete	8.7, 8.8	m	
13	CC-NOTIFY	6.9.6	o	
14	IWU-INFOrmation	-	i	

c6601: IF A.60/18 OR A.60/19 THEN m
ELSE IF A.60/40 OR A.60/41 OR A.63/1 THEN o
ELSE n/a

A.3.1.2.2 Mobility management messages

Table A.67: EN 300 476-4, Table A.51 MM message receiving (P to F) supported

Item	MM message sending (P to F) Message name	Reference	Status	Support
3	ACCESS-RIGHTS-REQUEST	8.30	m	
4	ACCESS-RIGHTS-TERMINATE-ACCEPT	8.31	c6702	
5	ACCESS-RIGHTS-TERMINATE-REJECT	8.31.2.1	c6702	
6	ACCESS-RIGHTS-TERMINATE-REQUEST	-	i	
7	AUTHENTICATION-REJECT	8.23.2.1, 8.32.2.4	c6704	
8	AUTHENTICATION-REPLY	8.24, 8.25	c6705	
9	AUTHENTICATION-REQUEST	8.32, 8.23	c6706	
10	CIPHER-REJECT	8.33.2.1	c6707	
12	CIPHER-SUGGEST	8.34	c6708	
13	DETACH	-	i	
14	IDENTITY-REPLY	8.22	c6710	
19	LOCATE-REQUEST	8.28	c6711	
22	MM-INFO-REQUEST	-	i	
25	TEMPORARY-IDENTITY-ASSIGN-ACKNOWLEDGE	8.28	c6713	
26	TEMPORARY-IDENTITY-ASSIGN-REJECT	8.28.2.3	c6713	

c6702: IF A.62/11 OR A.61/11 THEN m ELSE n/a
c6704: IF A.62/3 OR A.62/4 OR A.62/12 OR A.61/3 OR A.61/4 OR A.61/12 THEN m ELSE n/a
c6705: IF A.62/3 OR A.62/4 OR A.61/3 OR A.61/4 THEN m ELSE n/a
c6706: IF A.62/5 OR A.62/12 OR A.61/5 OR A.61/12 THEN m ELSE n/a
c6707: IF A.62/15 OR A.62/16 OR A.61/15 OR A.61/16 THEN m ELSE n/a
c6708: IF A.62/15 OR A.61/15 THEN m ELSE n/a
c6710: IF A.62/1 OR A.61/1 THEN m ELSE n/a
c6711: IF A.62/6 OR A.61/6 THEN m ELSE n/a
c6713: IF A.62/6 OR A.62/2 OR A.61/6 OR A.61/2 THEN m ELSE n/a

Table A.68: EN 300 476-4, Table A.52 MM message sending (F to P) supported

Item	MM message receiving (F to P) Message name	Reference	Status	Support
1	ACCESS-RIGHTS-ACCEPT	8.30	m	
2	ACCESS-RIGHTS-REJECT	8.30.2.1	m	
4	ACCESS-RIGHTS-TERMINATE-ACCEPT	-	i	
5	ACCESS-RIGHTS-TERMINATE-REJECT	-	i	
6	ACCESS-RIGHTS-TERMINATE-REQUEST	8.31	c6803	
7	AUTHENTICATE-REJECT	8.32.2.3, 8.23.2.1	c6804	
8	AUTHENTICATE-REPLY	8.23, 8.32	c6804	
9	AUTHENTICATE-REQUEST	8.24, 8.25, 8.26, 8.27	c6805	
10	CIPHER-REJECT	8.34.2.1	c6806	
11	CIPHER-REQUEST	8.33	c6807	
15	IDENTITY-REQUEST	8.22	c6808	
16	KEY-ALLOCATE	8.32	c6809	
17	LOCATE-ACCEPT	8.28	c6810	
18	LOCATE-REJECT	8.28.2.1	c6810	
20	MM-INFO-ACCEPT	-	i	
21	MM-INFO-REJECT	-	i	
23	MM-INFO-SUGGEST	8.29	c6812	
24	TEMPORARY-IDENTITY-ASSIGN	-	i	

c6803: IF A.62/11 OR A.61/11 THEN m ELSE n/a
c6804: IF A.62/5 OR A.62/12 OR A.61/5 OR A.61/12 THEN m ELSE n/a
c6805: IF A.62/3 OR A.62/4 OR A.61/3 OR A.61/4 THEN m ELSE n/a
c6806: IF A.62/15 OR A.61/15 THEN m ELSE n/a
c6807: IF A.62/15 OR A.62/16 OR A.61/15 OR A.61/16 THEN m ELSE n/a
c6809: IF A.62/12 OR A.61/12 THEN m ELSE n/a
c6808: IF A.62/1 OR A.61/1 THEN m ELSE n/a

c6810: IF A.62/6 OR A.61/6 THEN m ELSE n/a
c6812: IF A.62/14 OR A.61/14 THEN m ELSE n/a

A.3.1.2.3 Link control entity messages

Table A.69: EN 300 476-4, Table A.126 LCE message receiving (P to F) supported

Item	LCE message sending (P to F) Message name	Reference	Status	Support
1	LCE-PAGE-RESPONSE	8.35	m	

Table A.70: EN 300 476-4, Table A.127 LCE message sending (F to P) supported

Item	LCE message receiving (F to P) Message name	Reference	Status	Support
2	LCE-PAGE-REJECT	8.35.2.1	m	
3	LCE-REQUEST-PAGE short	8.35	m	
4	LCE-REQUEST-PAGE long	-	i	

A.3.2 Tables for FP DLC layer

A.3.2.1 Capabilities

A.3.2.1.1 Services

Table A.71: EN 300 476-5, Table A.9 Data link services

Item	Data link services	Reference	Status	Support
1	C-plane services	6.3	m	
2	U-plane services	6.3	m	

Table A.72: EN 300 476-5, Table A.10 C-plane services

Item	C-plane services	Reference	Status	Support
1	Class U service	-	i	
2	Class A service (LAPC class A service and Lc; Cs channel fragmentation and recommendation)	6.3	m	
3	Class B service	-	i	
4	Broadcast service (Broadcast Lb service)	6.3	m	

Table A.73: EN 300 476-5, Table A.11 U-plane services

Item	U-plane services	Reference	Status	Support
1	LU1-Transparent Unprotected service	6.3	m	

Table A.74: EN 300 476-5, Table A.12 Management services

Item	Management services	Reference	Status	Support
1	MAC connection management	6.3, 6.4	m	
2	DLC C-plane management	6.3	m	
3	DLC U-plane management	6.3	m	
4	Connection handover management	6.3	Intra-cell: c7401	
	(Intracell/intercell voluntary)	6.3	Inter-cell: o	
5	Connection ciphering management	6.3	Encryption activation: c7402	
	(Encryption activation/deactivation)	6.3	Encryption deactivation: c7403	

c7401: IF A.93/2 THEN o ELSE m
c7402: IF A.56/4 OR A.56/5 OR A.57/4 OR A.57/5 THEN m ELSE i
c7403: IF A.56/6 OR A.56/7 OR A.57/6 OR A.57/7 THEN m ELSE i

A.3.2.1.2 Procedures

Table A.75: EN 300 476-5, Table A.13 Generic signalling procedures

Item	Generic signalling procedures	Reference	Status	Support
2	C_S channel fragmentation and recombination	9.5	m	
3	C_F channel fragmentation and recombination	-	i	

Table A.76: EN 300 476-5, Table A.14 Class A procedures

Item	Class A procedures	Reference	Status	Support
1	Class A link establishment	9.1	m	
2	Class A acknowledged information transfer	9.2	m	
3	Class A link release	9.3	m	
4	Class A link re-establishment	9.4	m	
5	Class A (basic) connection handover	9.7	c7601	

c7601: IF A.74/4 THEN m ELSE i

Table A.77: EN 300 476-5, Table A.16 Broadcast procedures

Item	Broadcast procedures	Reference	Status	Support
1	Normal operation (broadcast)	9.6	m	
2	Expedited operation	-	i	

Table A.78: EN 300 476-5, Table A.17 LU1 procedures

Item	LU1 procedures	Reference	Status	Support
1	U plane Class 0/min_delay	9.9	m	
2	U plane Class 0	-	i	
3	FU1 frame operation	9.10	m	

Table A.79: EN 300 476-5, Table A.28 Management procedures

Item	Management procedures	Reference	Status	Support
1	MAC connection management	9.1.1.4	m	
2	DLC C-plane management	9.1 to 9.8	m	
3	DLC U-plane management	9.9.1.1	m	
4	Connection handover management	9.7.2.1	Intra-cell: c7901	
			Inter-cell: o	
5	Connection ciphering management (Encryption switching)	9.8	Encryption Activation: c7902	
			Encryption Deactivation: c7903	

c7901: IF A.93/2 THEN o ELSE m
c7902: IF A.56/4 OR A.56/5 OR A.57/4 OR A.57/5 THEN m ELSE i
c7903: IF A.56/6 OR A.56/7 OR A.57/6 OR A.57/7 THEN m ELSE i

Table A.80: EN 300 476-5, Table A.29 MAC connection management procedures

Item	MAC connection management procedures	Reference	Status	Support
5	Selection of logical channels (only C_S) (Cs channel fragmentation and recommendation)	9.5	m	

Table A.81: EN 300 476-5, Table A.32 Connection ciphering management procedures

Prerequisite: A.79/5				
Item	**Connection ciphering management procedures**	**Reference**	**Status**	**Support**
1	Providing a key to the MAC layer	9.8.1.1	m	
2	Starting the ciphering	9.8	m	
3	Stopping the ciphering	9.8	o	
4	Connection handover of ciphered connection	9.8.2.2	m	

A.3.2.2 Protocol PDUs

A.3.2.2.1 C-plane PDUs

Table A.82: EN 300 476-5, Table A.54 Broadcast service frame structure (Sending F to P)

Item	Frame elements	Reference	Status	Support
1	Short frame format (3 octets)	9.6	m	
2	Long frame format (5 octets)	-	i	

A.3.2.2.2 C-plane messages

Table A.83: EN 300 476-5, Table A.55 Class A messages support (Receiving P to F)

Item	Class A messages	Reference	Status	Support
1	I-command	9.1, 9.2.1	m	
2	RR-command/response	9.1, 9.2.2	m	

Table A.84: EN 300 476-5, Table A.56 Class A messages support (Sending F to P)

Item	Class A messages	Reference	Status	Support
1	I-command	9.1, 9.2.1	m	
2	RR-command/response	9.1, 9.2.2	m	

A.3.2.2.3 U-plane PDUs

Table A.85: EN 300 476-5, Table A.127 U-plane frames (Receiving P to F)

Item	U-plane frames	Reference	Status	Support
1	FU1 frame structure	9.10	m	

Table A.86: EN 300 476-5, Table A.128 U-plane frames (Sending F to P)

Item	U-plane frames	Reference	Status	Support
1	FU1 frame structure	12.2.1	m	

A.3.3 Tables for FP MAC layer

A.3.3.1 Major Capabilities

A.3.3.1.1 Services

Table A.87: EN 300 476-6, Table A.9 Service groups supported

Item	Name of service	Reference	Status	Support
1	Connection oriented control	6.4	m	
2	Broadcast control	6.4	m	
3	Connectionless control	-	i	
4	Multiplexing (General)	6.4	m	
5	Management (General)	6.4	m	

A.3.3.1.1.1 Connection oriented control services

Table A.88: EN 300 476-6, Table A.10 Connection oriented control services

Item	Connection oriented control services	Reference	Status	Support
1	Basic connections	6.4	m	
2	Advanced symmetric connections	-	i	
3	Advanced asymmetric connections	-	i	

Table A.89: EN 300 476-6, Table A.14 C-plane connection services

Item	C-plane connection services	Reference	Status	Support
1	Only C_S channel supported (Cs higher layer signalling)	6.4	m	
2	C_S and C_F channels supported	-	i	
3	Only C_F channel supported	-	i	

A.3.3.1.1.2 Broadcast control services

Table A.90: EN 300 476-6, Table A.15 Broadcast control services

Item	Broadcast services	Reference	Status	Support
1	Continuous broadcast	6.4	m	
2	Non-continuous broadcast	-	i	
3	Paging broadcast	6.4	m	

A.3.3.1.1.3 Multiplexing services

Table A.91: EN 300 476-6, Table A.19 CSF multiplexing services

Item	CSF multiplexing services	Reference	Status	Support
7	Encryption activation	6.4	c9101	
8	Encryption deactivation	6.4	c9102	

c9101: IF A.56/4 OR A.56/5 OR A.57/4 OR A.57/5 THEN m ELSE i
c9102: IF A.56/6 OR A.56/7 OR A.57/6 OR A.57/7 THEN m ELSE i

A.3.3.1.1.4 Management services

Table A.92: EN 300 476-6, Table A.24 Management services

Item	Management services	Reference	Status	Support
5	In-connection quality control (Quality control)	6.4	m	
9	SARI support	6.4	o	

Table A.93: EN 300 476-6, Table A.25 Handover services management

Item	Handover services	Reference	Status	Support
1	Connection handover	6.4	intra-cell: o9301	
	(intra/inter cell)	6.4	inter-cell: o	
2	Bearer handover	6.4	intra-cell: o9301	
	(intra/inter cell)	6.4	inter-cell: o	

o9301: It is mandatory to support at least one of these options.

A.3.3.2 Procedures

A.3.3.2.1 Connection setup procedures

Table A.94: EN 300 476-6, Table A.25 C/O single bearer setup procedures

Item	Name of procedure	Reference	Status	Support
1	Basic setup, single bearer basic connection of known service (Setup of basic connection, basic bearer setup (A-field))	10.4	m	
2	Normal setup, single bearer duplex connection known service	-	i	
3	Fast setup, single bearer duplex connection known service	-	i	

Table A.95: EN 300 476-6, Table A.29 C/O bearer setup procedures

Item	Name of procedure	Reference	Status	Support
1	Basic bearer setup	10.4	m	

A.3.3.2.2 Connection data transfer procedures

Table A.96: EN 300 476-6, Table A.31 C/O data transfer procedures

Item	Name of procedure	Reference	Status	Support
2	Cs-channel data	10.8	m	
3	Q1/Q2 setting for sliding collision / A-,B-field check (FT to PT) (Sliding collision detection)	10.12	m	
4	Antenna diversity (React on Q1 bit in direction PT to FT)	10.11	o	
5	Q2 bit settings	10.9	m	
6	Antenna diversity-Q1 bit settings	10.11	o	

A.3.3.2.3 Connection handover procedures

Table A.97: EN 300 476-6, Table A.32 C/O connection handover procedures

Item	Name of procedure	Reference	Status	Support
1	Connection handover (request)	10.7	c9701	
2	Duplex bearer handover (request)	10.6	c9702	
3	Double simplex bearer handover	-	i	

c9701: IF A.93/1 THEN m ELSE i
c9702: IF A.93/2 THEN m ELSE i

A.3.3.2.4 Connection release procedures

Table A.98: EN 300 476-6, Table A.33 C/O connection release procedures

Item	Name of procedure	Reference	Status	Support
1	Unacknowledged bearer release (Connection/bearer release)	10.5	m	

A.2.3.2.5 Broadcast procedures

Table A.99: EN 300 476-6, Table A.34 Broadcast procedures

Item	Name of procedure	Reference	Status	Support
1	Normal paging (Paging broadcast)	10.3	m	
2	Fast paging	-	i	
3	Downlink broadcast	10.2	m	

A.2.3.2.6 CSF multiplexing procedures

Table A.100: EN 300 476-6, Table A.37 CSF multiplexing procedures

Item	CSF multiplexing procedures	Reference	Status	Support
1	Encryption	10.13	Encryption process-initialization and synchronization: c10001	
		10.14	Encryption mode control: c10002	
		10.15	Handover encryption process: c10001	
2	Scrambling (General)	10.1	m	
3	R-CRC generation (General)	10.1	m	
4	R-CRC checking (General)	10.1	m	
5	X-CRC generation (General)	10.1	m	
6	X-CRC checking (General)	10.1	m	

c10001: IF A.91/7 THEN m ELSE i
c10002: IF A.91/7 OR A.91/8 THEN m ELSE i

A.3.3.2.7 Layer management procedures

Table A.101: EN 300 476-6, Table A.38 Layer management procedures

Item	Name of procedure	Reference	Status	Support
5	RFPI handshake	10.10	m	
7	RFP idle receiver scan sequence (General)	10.1	m	

A.3.3.3 Other capabilities

Table A.102: EN 300 476-6, Table A.39 Extended RF carriers supported

Item	Extended RF Carriers	Reference	Status	Support
1	Extended RF carriers (Extended frequency allocation)	10.16	o	

A.3.4 Tables for FP PHL layer

A.3.4.1 Physical layer procedures

Table A.103: EN 300 476-7, Table A.15 Physical layer procedures

Item	Procedure name	Reference	Status	Support
2	Addition of Z-field	11.4	m	
4	Receipt of Z-field	11.4	m	
9	Basic physical channel R32 management	10.1, 11.1	m	
10	The low-rate physical channel R08j management	10.1, 11.1	i	
11	The high capacity physical channel R80 management	10.1, 11.1	i	
12	Sliding collision detection	11.5	m	

Table A.104: EN 300 474-2 [29], Table B.16 GAP specific PH requirements

Item	Requirement	Reference	Status	Support	Allowed values	Supported values
1	Full Slots shall be used	11.1, 12.1	m		n/a	
2	Minimum Normal Transmit Power (NTP)	11.2	m		> 80 mW per simultaneously active transmitter	
3	Radio receiver sensitivity	11.3	m		at least - 86 dBm	
4	Physical channel availability	11.6	m		n/a	

A.3.5 Tables for FP Application requirements

A.3.5.1 Application features

Table A.105: EN 300 474-2 [29], Table B.12 Application features supported

Item	Name of feature	Reference	Status	Support
1	AC_bitstring_mapping	6.6	c10501	

c10501: IF A.57/2 OR A.57/3 OR A.57/13 OR A.57/1 OR A.56/2 OR A.56/3 OR A.56/13 OR A.56/1 THEN m ELSE i

A.2.5.2 Application Procedures

Table A.106: EN 300 474-2 [29], Table B.13 Application procedures supported

Item	Name of procedure	Reference	Status	Support
1	AC to bitstring mapping	14.2	c10601	

c10601: IF A.105/1 THEN m ELSE i

Annex B (informative): Bibliography

- EWOS/ETSI Project Team No 5: "Project Report and Technical Report. OSI Conformance Testing Methodology and Procedures in Europe".
- ETSI ETR 022: "Advanced Testing Methods (ATM); Vocabulary of terms used in communications protocols conformance testing".
- ETSI ETR 141: "Methods for Testing and Specification (MTS); Protocol and profile conformance testing specifications; The Tree and Tabular Combined Notation (TTCN) style guide".
- CEPT Recommendation T/SGT SF2 6/0: "Draft Recommendation T/SF Services and Facilities of Digital Enhanced Cordless Telecommunications".
- ETSI ETR 015: "Digital Enhanced Cordless Telecommunications (DECT); Reference document".
- ETSI ETR 041: "Transmission and Multiplexing (TM); Digital European Cordless Telecommunications (DECT); Transmission aspects 3,1 kHz telephony Interworking with other networks".
- ETSI ETR 042: "Digital Enhanced Cordless Telecommunications (DECT); A guide to DECT features that influence the traffic capacity and the maintenance of high radio link transmission quality, including the results of simulations".
- ETSI ETR 043: "Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Services and Facilities requirements specification".
- ETSI ETR 056: "Digital Enhanced Cordless Telecommunications (DECT); System description document".
- ETSI TR 101 101: "Methods for Testing and Specification (MTS); TTCN interim version including ASN.1 1994 support [ISO/IEC 9646-3] (Second Edition Mock-up for JTC1/SC21 Review)".

History

Document history		
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