



**Intelligent Transport Systems (ITS);
RTTT;
Test specifications for High Data Rate (HDR) data transmission
equipment operating in the 5,8 GHz ISM band;
Part 2: Application Layer;
Sub-part 1: Protocol Implementation Conformance
Statement (PICS) proforma specification**

Reference

RTS/ITS-00257

Keywordsapplication, DSRC, ITS, layer 7, PICS,
protocol, testing**ETSI**650 Route des Lucioles
F-06921 Sophia Antipolis Cedex - FRANCE

Tel.: +33 4 92 94 42 00 Fax: +33 4 93 65 47 16

Siret N° 348 623 562 00017 - NAF 742 C
Association à but non lucratif enregistrée à la
Sous-Préfecture de Grasse (06) N° 7803/88

(<https://standards.iteh.ai>)
Document Preview

Important notice

ETSI TS 102 708-2-1 V1.3.1 (2013-03)

Individual copies of the present document can be downloaded from:

<http://www.etsi.org>

The present document may be made available in more than one electronic version or in print. In any case of existing or perceived difference in contents between such versions, the reference version is the Portable Document Format (PDF). In case of dispute, the reference shall be the printing on ETSI printers of the PDF version kept on a specific network drive within ETSI Secretariat.

Users of the present document should be aware that the document may be subject to revision or change of status. Information on the current status of this and other ETSI documents is available at

<http://portal.etsi.org/tb/status/status.asp>

If you find errors in the present document, please send your comment to one of the following services:

http://portal.etsi.org/chaicor/ETSI_support.asp

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 2013.
All rights reserved.

DECTTM, PLUGTESTSTM, UMTSTM and the ETSI logo are Trade Marks of ETSI registered for the benefit of its Members.
3GPPTM and LTETM are Trade Marks of ETSI registered for the benefit of its Members and
of the 3GPP Organizational Partners.
GSM[®] and the GSM logo are Trade Marks registered and owned by the GSM Association.

Contents

Intellectual Property Rights	5
Foreword.....	5
1 Scope	6
2 References	6
2.1 Normative references	6
2.2 Informative references.....	6
3 Definitions and abbreviations.....	7
3.1 Definitions.....	7
3.2 Abbreviations	7
4 Overview of the templates.....	7
5 Conformance requirement concerning PICS.....	7
Annex A (normative): PICS proforma for HDR DSRC application layer for OBU.....	8
A.1 Guidance for completing the PICS proforma.....	8
A.1.1 Purposes and structure.....	8
A.1.2 Abbreviations and conventions	8
A.1.3 Instructions for completing the PICS proforma.....	10
A.2 Identification of the implementation	10
A.2.1 Date of the statement	10
A.2.2 Implementation Under Test (IUT) identification	10
A.2.3 System Under Test (SUT) identification	11
A.2.4 Product supplier.....	11
A.2.5 Client (if different from product supplier).....	11
A.2.6 PICS contact person	12
A.3 Identification of the protocol.....	12
A.4 Global statement of conformance.....	13
A.5 Encoding rules.....	13
A.6 Operational modes.....	13
A.7 Protocol data units	13
A.7.1 APDUs	13
A.7.2 Directives	14
A.8 Procedures	15
Annex B (normative): PICS proforma for HDR DSRC application layer for RSU	16
B.1 Guidance for completing the PICS proforma.....	16
B.1.1 Purposes and structure.....	16
B.1.2 Abbreviations and conventions	16
B.1.3 Instructions for completing the PICS proforma.....	18
B.2 Identification of the implementation	18
B.2.1 Date of the statement	18
B.2.2 Implementation Under Test (IUT) identification	18
B.2.3 System Under Test (SUT) identification	19
B.2.4 Product supplier.....	19
B.2.5 Client (if different from product supplier).....	19
B.2.6 PICS contact person	20
B.3 Identification of the protocol.....	20

B.4	Global statement of conformance.....	21
B.5	Encoding rules.....	21
B.6	Operational modes.....	21
B.7	Protocol data units	21
B.7.1	APDUs	21
B.7.2	Directives	22
B.7.3	APDU and directive parameters	23
B.8	Procedures	24
History		25

iTeh Standards
(<https://standards.iteh.ai>)
Document Preview

[ETSI TS 102 708-2-1 V1.3.1 \(2013-03\)](https://standards.iteh.ai/catalog/standards/etsi/f9390051-c56e-46a9-96b7-db8ff95e6269/etsi-ts-102-708-2-1-v1-3-1-2013-03)

<https://standards.iteh.ai/catalog/standards/etsi/f9390051-c56e-46a9-96b7-db8ff95e6269/etsi-ts-102-708-2-1-v1-3-1-2013-03>