

SLOVENSKI STANDARD SIST EN 301 442 V1.2.1:2010

01-oktober-2010

Satelitske zemeljske postaje in sistemi (SES) - Harmonizirani EN za mobilne zemeljske postaje (MES), vključno z ročnimi zemeljskimi postajami, za satelitska osebna komunikacijska omrežja (S-PCN), ki delujejo v frekvenčnih pasovih 2,0 GHz pri mobilni satelitski storitvi (MSS), ki zajema bistvene zahteve člena 3.2 direktive R&TTE

Satellite Earth Stations and Systems (SES) - Harmonized EN for Mobile Earth Stations (MESs), including handheld earth stations, for Satellite Personal Communications Networks (S-PCN) in the 2,0 GHz bands under the Mobile Satellite Service (MSS) covering essential requirements under article 3.2 of the R&TTE directive

SIST EN 301 442 V1.2.1:2010 https://standards.iteh.ai/catalog/standards/sist/b9067047-a01e-49c4-923f-1bb0a6ecbe53/sist-en-301-442-v1-2-1-2010

Ta slovenski standard je istoveten z: EN 301 442 Version 1.2.1

ICS:

33.060.30 Radiorelejni in fiksni satelitski Radio relay and fixed satellite

komunikacijski sistemi communications systems

SIST EN 301 442 V1.2.1:2010 en

SIST EN 301 442 V1.2.1:2010

iTeh STANDARD PREVIEW (standards.iteh.ai)

SIST EN 301 442 V1.2.1:2010 https://standards.iteh.ai/catalog/standards/sist/b9067047-a01e-49c4-923f-1bb0a6ecbe53/sist-en-301-442-v1-2-1-2010

ETSI EN 301 442 V1.2.1 (2010-08)

Harmonized European Standard (Telecommunications series)

Satellite Earth Stations and Systems (SES);
Harmonized EN for Mobile Earth Stations (MESs),
including handheld earth stations, for Satellite
Personal Communications Networks (S-PCN)
in the 2,0 GHz bands under the Mobile Satellite
Service (MSS) covering essential requirements
under article 3.2 of the R&TTE directive

iTeh STANDARD PREVIEW (standards.iteh.ai)

SIST EN 301 442 V1.2.1:2010 https://standards.iteh.ai/catalog/standards/sist/b9067047-a01e-49c4-923f-1bb0a6ecbe53/sist-en-301-442-v1-2-1-2010



Reference

REN/SES-00308

Keywords satellite, earth station, MES, S-PCN, MSS, regulation

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 Teh Sous-Préfecture de Grasse (06) N° 7803/88 (standards.iteh.ai)

SIST EN 301 442 V1.2.1:2010

https://standards.iteh.ai/catalog/standards/sist/b9067047-a01e-49c4-923f-

1bb0a6ecb Important notice v1-2-1-2010

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/chaircor/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 2010. All rights reserved.

DECTTM, **PLUGTESTS**TM, **UMTS**TM, **TIPHON**TM, the TIPHON logo and the ETSI logo are Trade Marks of ETSI registered for the benefit of its Members.

3GPP[™] is a Trade Mark of ETSI registered for the benefit of its Members and of the 3GPP Organizational Partners. LTE™ is a Trade Mark of ETSI currently being 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

Intelle	ectual Property Rights	6
Forew	vord	<i>6</i>
Introd	luction	<i>6</i>
1	Scope	7
2	References	
2.1	Normative references	
2.1	Informative references	
3	Definitions and abbreviations	
3.1	Definitions	
3.2	Abbreviations	10
4	Technical requirements specifications	10
4.1	Environmental profile	
4.1.1	General	
4.1.2	Temperature	
4.1.3	Voltage	
4.1.4	Vibration	
4.2	Conformance requirements	11
4.2.1	Unwanted emissions outside the band 1 980,1 MHz to 2 009,9 MHz (carrier-on)	11
4.2.1.1	Unwanted emissions outside the band 1 980,1 MHz to 2 009,9 MHz (carrier-on) Justification	11
4.2.1.2	2 Technical Requirement	11
4.2.1.3	3 Conformance Test (standards itch ai)	11
4.2.2	Unwanted emissions within the bands 1 980.1 MHz to 2 009.9 MHz, 1 978.1 MHz to 1 980.1 M	/Hz
	and 2 009,9 MHz to 2 011,9 MHz (carrier-on) Justification Technical Requirement Conformance Test Technical Research at 1550a6ecbe53/sist-en-301-442-v1-2-1-2010	12
4.2.2.1	I Justification	12
4.2.2.2	2 Technical Requirement	12
4.2.2.3	Conformance Test 1bb0a6ecbe53/sist-en-301-442-v1-2-1-2010	12
4.2.3	Unwanted emissions in carrier-off state	12
4.2.3.1	l Justification	12
4.2.3.2		13
4.2.3.3	3 Conformance Test	13
4.2.4	MES Control and Monitoring Functions (CMF)	
4.2.4.1		
4.2.4.1	· · · · · · · · · · · · · · · · · · ·	
4.2.4.1	1.2 Technical Requirement	13
4.2.4.1		13
4.2.4.2		
4.2.4.2		
4.2.4.2	2.2 Technical Requirement	14
4.2.4.2		
4.2.4.3		
4.2.4.3		
4.2.4.3	1	
4.2.4.3		
4.2.4.4	1	
4.2.4.4		
4.2.4.5		
4.2.4.5		
4.2.4.5	±	
4.2.4.5		
4.2.5	Equipment identity	
4.2.5.1		
4.2.5.2	<u>.</u>	
4.2.5.3	3 Conformance Test	15

		e with technical requirements	
5.1		ions for testing	
5.1.1		ne environmental test conditions	
5.1.2		ne voltage conditions	
5.2		ites	
5.2.1			
5.2.1.1		f equipment for testing purposes	
5.2.1.2		equipment	
5.2.1.3		t-connected equipment and plug-in modules	
5.2.1.3		approaches	
5.2.1.3		A: combined equipment	
5.2.1.3		B: use of a test jig	
5.2.1.4		Test Equipment (STE)	
5.2.1.5		quirements	
5.2.1.5		nodesst Equipment	
5.2.1.5 5.2.1.5			
5.2.1.5 5.2.1.5		Test Equipment (LTE)	
5.2.1.5 5.2.1.5		test for MES RF emissions according to equipment type	
5.2.1.5 5.2.1.5		for measurement of MES RF conducted emissions	
5.2.1.5 5.2.1.5		on of the measurement results	
5.2.1.5 5.2.1.5		on of the measurement results	
5.2.1.3 5.2.2		ons outside the band 1 980,1 MHz to 2 009,9 MHz (carrier-on)	
5.2.2 5.2.2.1		ons outside the band 1 980,1 MHz to 2 009,9 MHz (carrier-on)	
5.2.2.1 5.2.2.2		nent	
5.2.2.2 5.2.2.3		urement	
5.2.2.3 5.2.2.4		its L. C.T. A. M.D. A. D.D. D.D. E.V/H.T.W/	
5.2.2. 4 5.2.3		ons within the bands 1 980,1 MHz to 2 009,9 MHz, 1 978,1 MHz to 1 980,1 M	
3.2.3			
5.2.3.1	Method of test	to 2 011,9 MHz (carrier-on) s.itch.ai)	27
5.2.3.1	Measurement	method	28
5.2.3.2	Test requirem	method	28
5.2.4	Unwanted emission	ots rhecarriel-off stalte/standards/sist/b9067047-a01e-49c4-923f-	28
5.2.4.1	Method of test	1bb0a6ecbe53/sist-en-301-442-v1-2-1-2010	28
5.2.4.2		method	
5.2.4.3		ents	
5.2.5		Monitoring Functions (CMF)	
5.2.5.1		g functions / Processor Monitoring	
5.2.5.2		g functions / Transmit frequency generation sub-system monitoring	
5.2.5.3		ol authorization	
5.2.5.3		test	
5.2.5.3		dure	
5.2.5.3		ement	
5.2.5.4		ol reception	
5.2.5.4		requency control	
5.2.5.5		tations in a dual-mode or multi-mode terminal	
5.2.5.5		test	
5.2.5.5		dure	
5.2.5.5		ements	
5.2.6	Equipment identit	y	31
5.2.6.1	Method of test		31
5.2.6.2	Test procedure	3	31
5.2.6.3	Test requireme	ents	31
Annos	z A (normativa).	US Dequirements and conformance Test specifications Table (U	C
AIIIE	x A (normative):	HS Requirements and conformance Test specifications Table (HS RTT)	
Annex	x B (informative):	Explanation of nominated bandwidth	34
	,	<u>-</u>	
		neters $[Bn, f_C, a, b]$	

5

ETSI EN 301 442 V1.2.1 (2010-08)

B.3	3.3 Choice of nominated bandwidth		
B.4	.4 Maximum value for nominated bandwidth		36
Anne	ex C (informative):	The EN title in the official languages	38
Anne	x D (informative):	Bibliography	39
Histo	ry		40

iTeh STANDARD PREVIEW (standards.iteh.ai)

SIST EN 301 442 V1.2.1:2010 https://standards.iteh.ai/catalog/standards/sist/b9067047-a01e-49c4-923f-1bb0a6ecbe53/sist-en-301-442-v1-2-1-2010

Intellectual Property Rights

IPRs essential or potentially essential to the present document may have been declared to ETSI. The information pertaining to these essential IPRs, if any, is publicly available for **ETSI members and non-members**, and can be found in ETSI SR 000 314: "Intellectual Property Rights (IPRs); Essential, or potentially Essential, IPRs notified to ETSI in respect of ETSI standards", which is available from the ETSI Secretariat. Latest updates are available on the ETSI Web server (http://webapp.etsi.org/IPR/home.asp).

Pursuant to the ETSI IPR Policy, no investigation, including IPR searches, has been carried out by ETSI. No guarantee can be given as to the existence of other IPRs not referenced in SR 000 314 (or the updates on the ETSI Web server) which are, or may be, or may become, essential to the present document.

Foreword

This Harmonized European Standard (Telecommunications series) has been produced by ETSI Technical Committee Satellite Earth Stations and Systems (SES).

The present document has been produced by ETSI in response to a mandate from the European Commission issued under Council Directive 98/34/EC [6] (as amended) laying down a procedure for the provision of information in the field of technical standards and regulations.

The present document is intended to become a Harmonized Standard, the reference of which will be published in the Official Journal of the European Communities referencing the Directive 1999/5/EC [1] of the European Parliament and of the Council of 9 March 1999 on radio equipment and telecommunications terminal equipment and the mutual recognition of their conformity ("the R&TTE Directive").

The requirements relevant to Directive 1999/5/EC [1] are summarised in annex A.

SIST EN 301 442 V1.2.1:2010

https://standards.inational-transposition dates 01e-49c4-923f-			
Date of adoption of this EN:	2 August 2010		
Date of latest announcement of this EN (doa):	30 November 2010		
Date of latest publication of new National Standard or endorsement of this EN (dop/e):	31 May 2011		
Date of withdrawal of any conflicting National Standard (dow):	31 May 2012		

Introduction

The present document is part of a set of standards developed by ETSI and is designed to fit in a modular structure to cover all radio and telecommunications terminal equipment within the scope of the R&TTE Directive [1]. The modular structure is shown in EG 201 399 [i.1].

1 Scope

The present document applies to Mobile Earth Station (MES) radio equipment which have the following characteristics:

- these MES operate in a non-geostationary orbit (NGSO) mobile-satellite system;
- these MES have both transmit and receive capabilities and operate in a Satellite-Personal Communications Network (S-PCN). An S-PCN MES may be handheld, portable, vehicle-mounted, host connected, semi-fixed or fixed equipment, or may be an element in a multi-mode terminal. It may consist of a number of modules with associated connections and user interface, or may be a self contained single unit;
- these LMESs are controlled and monitored by a Network Control Facility (NCF). The NCF is outside the scope of the present document;
- if the MES is an element in a multi-mode terminal, unless otherwise stated in the present document, its requirements apply only to the S-PCN MES element of the terminal operating in the MSS frequency bands given in table 1;
- these MES are capable in operating in all or part of the frequency bands shown in table 1.

Table 1: Mobile Satellite Service (MSS) frequency bands

MES	MSS frequency bands
Transmit (earth to space)	1 980 MHz to 2 010 MHz
Receive (space to earth)	2 170 MHz to 2 200 MHz

iTeh STANDARD PREVIEW

The present document is intended to cover the provisions of Directive 1999/5/EC [1] (R&TTE Directive) article 3.2 which states that "....radio equipment shall be so constructed that it effectively uses the spectrum allocated to terrestrial/space radio communications and orbital resources so as to avoid harmful interference".

In addition to the present document, other ENs that specify technical requirements in respect of essential requirements under other parts of article 3 of the R&TTE Directive [1] may apply to equipment within the scope of the present document.

1bb0a6ecbe53/sist-en-301-442-v1-2-1-2010

NOTE: A list of such ENs is included on the ETSI web site.

2 References

References are either specific (identified by date of publication and/or edition number or version number) or non-specific. For specific references, only the cited version applies. For non-specific references, the latest version of the referenced document (including any amendments) applies.

Referenced documents which are not found to be publicly available in the expected location might be found at http://docbox.etsi.org/Reference.

NOTE: While any hyperlinks included in this clause were valid at the time of publication ETSI cannot guarantee their long term validity.

2.1 Normative references

The following referenced documents are necessary for the application of the present document.

- [1] Directive 1999/5/EC of the European Parliament and of the Council of 9 March 1999 on radio equipment and telecommunications terminal equipment and the mutual recognition of their conformity (R&TTE Directive).
- [2] ITU-T Recommendation O.153 (1992): "Basic parameters for the measurement of error performance at bit rates below the primary rate".

8

[3] IEC 60068-2-1 (March 2007): "Environmental testing - Part 2-1: Tests - Test A: Cold".
 [4] IEC 60068-2-2 (July 2007): "Environmental testing - Part 2-2: Tests - Test B: Dry heat".
 [5] IEC 60068-2-64 (2008-04) Ed. 2.0: "Environmental testing - Part 2-64: Tests - Test Fh: Vibration, broadband random and guidance".
 [6] Directive 98/34/EC of the European Parliament and of the Council of 22 June 1998 laying down a procedure for the provision of information in the field of technical standards and regulations.

2.2 Informative references

The following referenced documents are not necessary for the application of the present document but they assist the user with regard to a particular subject area.

[i.1] ETSI EG 201 399: "Electromagnetic compatibility and Radio spectrum Matters (ERM); A guide to the production of candidate Harmonized Standards for application under the R&TTE Directive".

3 Definitions and abbreviations

3.1 Definitions

For the purposes of the present document, the terms and definitions given in the R&TTE Directive [1] and the following apply:

applicant: manufacturer or his representative within the European Community or the person responsible for placing the apparatus on the market

carrier-on state (allocated a channel): MES is in this state when it is transmitting a signal in a continuous or non-continuous mode

SIST EN 301 442 V1.2.1:2010

the state when it is transmitting a signal in a continuous or non-continuous mode

1bb0a6ecbe53/sist-en-301-442-v1-2-1-2010

carrier-off state (idle mode): MES is in this state when it is powered-on but not transmitting a signal, i.e. not in carrier-on state

conducted measurement: measurement of emissions from an antenna port of the MES made by direct wired connection to the port

Equivalent Isotropically Radiated Power (EIRP): product of transmitter power and maximum antenna gain, equivalent to an isotropic source radiating uniformly in all directions

environmental profile: range of environmental conditions under which equipment within the scope of the present document is required to comply with the provisions of the present document

handheld: indicates a PE MES which is self-contained and is small enough and light enough to be carried and used during a call with one hand

host-connected: indicates an MES for which connection to or integration with host equipment is necessary to offer functionality

host equipment: any equipment which has a complete user functionality when not connected to the MES, and to which the MES provides additional functionality, and to which connection is necessary for the MES to offer functionality

Installable Equipment (IE), Internally Mounted Equipment (IME) and Externally Mounted Equipment (EME): Installable Equipment (IE) is an equipment which is intended to be installed in a vehicle

NOTE: An IE may consist of one or several interconnected modules. The IE is composed of modules intended to be externally mounted as declared by the applicant, and defined as Externally Mounted Equipment (EME) and the remaining modules(s) as Internally Mounted Equipment (IME).

9

Laboratory Test Equipment (LTE): logical grouping that contains the standard test equipment provided by a test laboratory

MSS band: continuous range of frequencies allocated by the ITU to the MSS

multi-mode: indicates equipment that accommodates radio stations of different radio networks

narrow-band system: narrow band system is one in which the nominal carrier frequency spacing for MESs in the earth-to-space direction is less than 300 kHz

network control channel: channel by which an MES receives general control information from the NCF of its S-PCN

NCF control message: message, normally originating from a network, to a specified terminal or set of terminals of the network which indicates to the terminal or set of terminals that it/they should carry out some specific action or should enter or maintain some specific state

NOTE: For test purposes NCF control messages may originate from Special Test Equipment (STE).

nominated bandwidth (Bn): Bn of the Mobile Earth Station (MES) radio frequency transmission is wide enough to encompass all spectral elements of the transmission which have a level greater than the specified levels of unwanted emissions

NOTE 1: The Bn is defined relative to the MES actual carrier frequency f_c .

Bn is the width of the frequency interval (f_c -a, f_c +b), where a and b, which shall be specified by the applicant, may vary with f_c .

The frequency interval $(f_c -a, f_c +b)$ shall not encompass more than either:

- iTeh STANDARD PREVIEW
- i) when a = b, 4 nominal carrier frequencies for narrow-band systems;
- ii) when $a \neq b$, 1 nominal carrier frequency for narrow-band systems; or
- iii) 1 nominal carrier frequency for wide band systems 2 V1.2.1:2010 https://standards.itch.ai/catalog/standards/sist/b9067047-a01e-49c4-923f-

The frequency interval $(f_c - a, f_c + b)$ shall be within the operational band of the MES.

NOTE 2: Explanation of nominated bandwidth is presented in annex B.

operational band: sub-portion of the band 1 980 MHz to 2 010 MHz which has been assigned in the earth-to-space direction to the MSS network, within which the MES is operating

Portable Equipment (PE): Portable Equipment (PE) is generally intended to be self-contained, free standing and portable

NOTE: A PE would normally consist of a single module, but may consist of several interconnected modules.

radiated measurement: measurement of an actual radiated field

Special Test Equipment (STE): equipment which allows a test laboratory to control the MES so that the tests required by the present document can be performed

test laboratory: laboratory which performs the conformance testing of the MES against the present document. The test laboratory may be the applicant's laboratory

test load: test load is a substantially non-reactive, non-radiating power attenuator which is capable of safely dissipating the power from the transmitter(s)

unwanted emissions: unwanted emissions are those falling outside the nominated bandwidth in the carrier-on state and those generated in the carrier-off state

wide-band system: wide-band system is one in which the nominal carrier frequency spacing for MESs in the earth-to-space direction is equal or greater than 300 kHz

3.2 **Abbreviations**

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

Bn nominated Bandwidth **CDMA** Code Division Multiple Access Control and Monitoring Functions **CMF** dBW deciBels relative to 1 Watt

Equivalent Isotropically Radiated Power **EIRP**

EMC Electro-Magnetic Compatibility **EME Externally Mounted Equipment**

ΙE Installable Equipment

IME Internally Mounted Equipment

ITU International Telecommunications Union

LTE Laboratory Test Equipment Mobile Earth Station MES

MIC MES unique Identification Code (within its S-PCN)

MSS Mobile Satellite Service NCF Network Control Facility **NGSO** Non GeoStationary Orbit Portable Equipment PE

R&TTE Radio and Telecommunications Terminal Equipment

RF Radio Frequency

S-PCN Satellite Personal Communications Network

STE Special Test Equipment **TDMA** Time Division Multiple Access

iTeh STANDARD PREVIEW

4 Technical requirements specifications

SIST EN 301 442 V1.2.1:2010

Environmental sprofile log/standards/sist/b9067047-a01e-49c4-923f-4.1 ecbe53/sist-en-301-442-v1-2-1-2010

4.1.1 General

The technical requirements of the present document apply under the environmental profile specified below for operation of the equipment. The equipment shall comply with all the technical requirements of the present document at all times when operating within the boundary limits of the specified operational environmental profile.

4.1.2 Temperature

The MES shall fulfil all the requirements in the full temperature ranges of:

-10 °C to +55 °C;

Taken from IEC publications 60068-2-1 [3] and 60068-2-2 [4].

4.1.3 Voltage

The applicant shall declare the nominal, lower and the higher extreme voltages.

The MES shall fulfil all the requirements in the full voltage range between the extreme voltages.

4.1.4 Vibration

The MES shall fulfil all the requirements when vibrated at the frequency/amplitudes given in table 2.

Table 2: Vibration characteristics

Frequency range	Frequency range ASD (Acceleration Spectral Density) random vibration	
5 Hz to 20 Hz	0,96 m ² /s ³ (+0/-5 %)	
20 Hz to 500 Hz	0,96 m ² /s ³ (+ 0/-5 %) at 20 Hz, thereafter -3 dB/Octave (+0/-5 %)	
	(taken from IEC Publication 60068-2-64 [5])	

4.2 Conformance requirements

4.2.1 Unwanted emissions outside the band 1 980,1 MHz to 2 009,9 MHz (carrier-on)

4.2.1.1 Justification

Protection of other radio services operating outside the band 1 980 MHz to 2 010 MHz from emissions caused by S-PCN MESs operating within the band 1 980,1 MHz to 2 009,9 MHz.

4.2.1.2 Technical Requirement

The maximum EIRP density of the unwanted emissions from the MES outside the band 1 980,1 MHz to 2 009,9 MHz shall not exceed the limits in table 3.

In table 3, whenever a change of limit between adjacent frequency bands occurs, the lower of the two limits shall apply at the transition frequency. **Teh STANDARD PREVIEW**

Table 3: Unwanted emissions outside the band 1980,1 MHz to 2 009,9 MHz

Frequency	Carrier - on		
(MHz)	EIRP (dBW)	Measurement bandwidth	Measurement method
0,1 to 30	ittps://stangeds.iteh.av	catalog/standard6/skH2906/047-a01	-49c4-9231- Peak hold
30 to 1 000	-66 ¹ bb0a6ec	be53/sist-en-3/00 kHz v1-2-1-2010	Peak hold
1 000 to 1 559	-60	3 MHz	Average
1 559 to 1 626,5	-70	1 MHz	Average (over 20 ms)
1 626,5 to 1 950	-60	3 MHz	Average
1 950 to 1 960	-60	1 MHz	Average
1 960 to 1 970	-60	300 kHz	Average
1 970 to 1 975	-60	100 kHz	Average
1 975 to 1 978,1	-60	30 kHz	Average
1 978,1 to 1 980,1	1 978,1 to 1 980,1 The levels in table 4 for the frequency offset 0 to 2 MHz shall apply from		to 2 MHz shall apply from
	1 980,1 MHz to 1 978,1 MHz		
1 980,1 to 2 009,9	Not applicable	Not applicable	Not applicable
2 009,9 to 2 011,9	2 009,9 to 2 011,9 The levels in table 4 for the frequency offset 0 to 2 MHz shall apply from		to 2 MHz shall apply from
	2 009,9 MHz to 2 011,9 MHz		
2 011,9 to 2 015	-60	30 kHz	Average
2 015 to 2 020	-60	100 kHz	Average
2 020 to 2 030	-60	300 kHz	Average
2 030 to 2 040	-60	1 MHz	Average
2 040 to 2 600	-60	3 MHz	Average
2 600 to 12 750	-60	3 MHz	Peak hold

The conformance requirements apply for the full range of environmental conditions corresponding to the type of equipment as specified in clause 4.1.

4.2.1.3 Conformance Test

Conformance tests shall be carried out in accordance with clause 5.2.2.