



SLOVENSKI STANDARD

SIST ETS 300 487:2000

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GUH`J]g_YnYa Y`g_Y`dcghU`Y`]b`g]ghYa]`fG9GL!`GdfY`Ya bY`a cV]bY`nYa Y`g_Y`
dcghU`Y`fFCA9GL`nU`dcXU`h`cj bY`_ca i b]_UM`Y`j`ZY`_j Yb bYa `dcXfc 1`%@` ; <n!
GdY`W]Z`_UM`Y`nU`fUX]cZY`_j Yb bc`fF: L`dcXfc ^

Satellite Earth Stations and Systems (SES); Receive-Only Mobile Earth Stations (ROMES) operating in the 1,5 GHz band providing data communications; Radio Frequency (RF) specifications

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33.060.30 Radiorelejni in fiksni satelitski komunikacijski sistemi Radio relay and fixed satellite communications systems

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en

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**Satellite Earth Stations and Systems (SES);
Receive-Only Mobile Earth Stations (ROMESs)
operating in the 1,5 GHz band
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Radio Frequency (RF) specifications**

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Foreword

This European Telecommunication Standard (ETS) has been produced by the Satellite Earth Stations and Systems (SES) Technical Committee of the European Telecommunications Standards Institute (ETSI).

Transposition dates	
Date of adoption of this ETS:	19 April 1996
Date of latest announcement of this ETS (doa):	30 September 1996
Date of latest publication of new National Standard or endorsement of this ETS (dop/e):	31 March 1997
Date of withdrawal of any conflicting National Standard (dow):	31 March 1997

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1 Scope

This European Telecommunication Standard (ETS) provides Radio Frequency (RF) specifications above 30 MHz for the standardization of Receive-Only Mobile Earth Stations (ROMESs).

This ETS does not cover Electro-Magnetic Compatibility (EMC) or safety specifications for such equipment.

The satellite systems referred to in this ETS operate under the Land Mobile Satellite Service (LMSS). The ROMESs operate as part of a satellite system providing one-way data communications.

This ETS applies to ROMESs which operate under the LMSS space-to-earth bands 1 525 MHz to 1 544 MHz and 1 555 MHz to 1 559 MHz, allocated by the Radio Regulations [1].

ROMESs could have several configurations, including:

- either Portable Equipment (PE) or vehicle Installed Equipment (IE);
- a number of modules including a display/control interface to the user.

This ETS deals with specifications defined in order to limit interference to radiocommunication services.

2 Normative references

This ETS incorporates, by dated or undated references, provisions from other publications. These normative references are cited at the appropriate places in the text, and the publications are listed hereafter. For dated references subsequent amendments to or revisions of any of these publications apply to this ETS only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

- [1] ITU Radio Regulations.
- [2] ETS 300 133-5 (1992): "Paging Systems; European Radio Messaging System (ERMES); Part 5: Receiver conformance specification".

3 Definition and abbreviations

3.1 Definition

For the purposes of this ETS, the following definition applies:

operating frequency band: The frequency bands over which the ROMES is capable of operation.

3.2 Abbreviations

For the purposes of this ETS, the following abbreviations apply:

EIRP	Equivalent Isotropically Radiated Power
EMC	Electro-Magnetic Comapatability
EUT	Equipment Under Test
IE	Installed Equipment
LMSS	Land Mobile Satellite Service
PE	Portable Equipment
RF	Radio Frequency
rms	root mean square
ROMES	Receive-Only Mobile Earth Station
STE	Special Test Equipment