SLOVENSKI STANDARD
SIST ETS 300 328:1998/A1:1998

01-december-1998

Radijska oprema in sistemi (RES) - Tehniļne karakteristike in preskusni pogoji opreme za prenos podatkov v 2,4 GHz ISM frekvenļnem pasu, ki uporablja modulacijsko tehniko z razprġenim spektrom

Radio Equipment and Systems (RES); Wideband transmission systems; Technical characteristics and test conditions for data transmission equipment operating in the 2,4 GHz ISM band and using spread spectrum modulation techniques

Ta slovenski standard je istoveten z: **ETS 300 328/A1 Edition 2**

ICS:

33.060.99	Druga oprema za radijske komunikacije	Other equipment for radiocommunications

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AMENDMENT

ETS 300 328
A1

July 1997

Second Edition

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ICS: 33.020

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This amendment A1 modifies
the European Telecommunication Standard ETS 300 328 (1996)

Radio Equipment and Systems (RES); Wideband transmission systems; Technical characteristics and test conditions for data transmission equipment operating in the 2,4 GHz ISM band and using spread spectrum modulation techniques

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Foreword

This amendment to ETS 300 328 (1996) has been produced by the Radio Equipment and Systems (RES) Technical Committee of the European Telecommunications Standards Institute (ETSI).

ETS 300 328, as amended by this amendment, together with ETS 300 826 is intended to become a Harmonized Standard, the reference of which is intended to be published in the Official Journal of the European Communities, referencing Council Directive 89/336/EEC (EMC Directive).

Annex E contains the ERC Decision which references the technical specifications in this ETS for inclusion in national type approval regulations. This ERC Decision has been adopted following public consultation. The final ERC Decision will be included in this amendment when it has been published by the ERC.

Transposition dates	
Date of adoption of this amendment:	6 June 1997
Date of latest announcement of this amendment (doa):	31 October 1997
Date of latest publication or endorsement of this amendment (dop/e):	30 April 1998
Date of withdrawal of any conflicting National Standard (dow):	30 April 1998

Amendments

Page 5, Foreword

Replace the first paragraph with the following:

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

This ETS, together with ETS 300 826 is intended to become a Harmonized Standard, the reference of which is intended to be published in the Official Journal of the European Communities, referencing Council Directive 89/336/EEC (EMC Directive).

Insert the following after the last paragraph:

The technical specifications relevant to the EMC Directive are listed in annex D.

Annex E contains the ERC Decision which references the technical specifications in this ETS for inclusion in national type approval regulations.

Page 18, subclause 7.2.1

Modify step 1, first bullet item to read:

"..coupled to a matched diode detector"

Page 19, subclause 7.2.1

In step 2, second bullet item, first indented bullet item, add

"dBm"

after the formula.

Page 23, subclause 7.2.5

Replace paragraph beginning "For measuring emissions that exceed the level of 6 dB below the applicable limit" with:

For further analysis of spurious emissions that exceed the level of 6 dB below the applicable limit, video averaging shall be turned on, the resolution bandwidth shall be switched to 30 kHz and the span shall be adjusted accordingly. If the level does not change by more than 2 dB, it is a narrowband emission; the observed value shall be recorded in the test report. If the level changes by more than 2 dB, the emission is a wideband emission and its level shall be measured and recorded in the test report.

It is stressed that the analyser settings given above are not suited for the measurement of wideband emissions in dBm/Hz according to table 2. The method of measurement (in case of using a spectrum analyser: the model and the settings) for the measurement for these emissions shall be documented in the test report.

Replace the text in subclause 7.3.2 on page 24, starting with "Where these Measurements….." and until the last sentence before clause 8, by

"For finding spurious emissions, the spectrum analyser shall be set as follows:

(table as given on page 24)

For further analysis of spurious emissions that exceed the level of 6 dB below the applicable limit, video averaging shall be turned on, the resolution bandwidth shall be switched to 30 kHz and the span shall be adjusted accordingly. If the level does not change by more than 2 dB, it is a narrowband emission; the observed value shall be recorded in the test report. If the level changes by more than 2 dB, the emission is a wideband emission and its level shall be measured and recorded in the test report.

It is stressed that the analyser settings given above are not suited for the measurement of the power density of spurious emissions in dBm/Hz. The method of measurement (in case of using a spectrum analyser: the model and the settings) for the measurement for these emissions, shall be documented in the test report".

Page 33

Insert before History:

Annex D (normative): ETS 300 328: "Radio Equipment and Systems (RES). Wideband data transmission systems. Technical characteristics and test conditions for data transmission equipment operating in the 2,4 GHz band and using spread spectrum modulation techniques".

Table D.1: Clauses and/or subclauses of this ETS relevant for compliance with essential requirements of the EC Council Directives

Clause/subclause number and title		Corresponding article of Council Directive 89/336/EEC	Qualifying remarks
5.2	Transmitter parameters		
5.2.4	Spurious emissions	4(a)	
5.3	Receiver parameters		
5.3.2	Spurious emissions	4(a)	

Annex E (normative): ERC Decision on the adoption of approval regulations for on the adoption of approval regulations for radio equipment to be used for wide band data transmission operating in the frequency range 2,4 GHz to 2,4835 GHz based on the European Telecommunication Standard (ETS) 300 328

This annex contains the ERC Decision which references the technical specifications in ETS 300 328 for inclusion in national type approval regulations.

EUROPEAN RADIOCOMMUNICATIONS COMMITTEE

ERC Decision
of 1 November 1996
on the adoption of approval regulations for radio equipment
to be used for wideband data transmission operating
in the frequency range 2.4 GHz to 2.4835 GHz
and using spread spectrum modulation techniques based on
the European Telecommunications Standard (ETS) 300 328

(ERC/DEC/(96)17)