



SLOVENSKI STANDARD
SIST ETS 300 279:1999/A1:1999
01-junij-1999

Radijska oprema in sistemi (RES) - Standard elektromagnetne združljivosti (EMC) za zasebni mobilni radio (PMR) in pomožno opremo (govorno oziroma negovorno)

Radio Equipment and Systems (RES); ElectroMagnetic Compatibility (EMC) standard for Private land Mobile Radio (PMR) and ancillary equipment (speech and/or non-speech)

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Ta slovenski standard je istoveten z: **ETS 300 279/A1 Edition 1**

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ICS:

33.060.99	Druga oprema za radijske komunikacije	Other equipment for radiocommunications
33.100.20	Imunost	Immunity

SIST ETS 300 279:1999/A1:1999 **en**

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AMENDMENT

ETS 300 279

A1

March 1997

Source: ETSI TC-RES

Reference: RE/RES-09031

ICS: 33.020

Key words: EMC, mobile, PMR, radio

**This amendment A1 modifies
the European Telecommunication Standard ETS 300 279 (1996)**

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Radio Equipment and Systems (RES);

**ElectroMagnetic Compatibility (EMC) standard for Private
land Mobile Radio (PMR) and ancillary equipment
(speech and/or non-speech)**

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Foreword

This amendment to ETS 300 279 (1996) has been produced by the Radio Equipment and Systems (RES) Technical Committee of the European Telecommunications Standards Institute (ETSI).

ETS 300 279 as amended by this amendment, with one or more of the relevant following: ETS 300 086, ETS 300 113, ETS 300 296, ETS 300 341 & ETS 300 390, is intended to become a Harmonized EMC 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).

ETS 300 279 as amended by this amendment is intended to become a Harmonized EMC Standard for equipment within the scope of I-ETS 300 219.

Annex C contains the ERC Decision which references the technical specifications in I-ETS 300 219 for inclusion in national type approval regulations.

Transposition dates	
Date of adoption	21 February 1997
Date of latest announcement of this ETS (doa):	30 June 1997
Date of latest publication of new National Standard or endorsement of this ETS (dop/e):	31 December 1997
Date of withdrawal of any conflicting National Standard (dow):	31 December 1997

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Amendments

Page 5, Foreword

Replace the Foreword 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, with one or more of the relevant following: ETS 300 086, ETS 300 113, ETS 300 296, ETS 300 341 & ETS 300 390, is intended to become a Harmonized EMC 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).

This ETS is intended to become a Harmonized EMC Standard for equipment within the scope of I-ETS 300 219.

The technical specifications which are relevant to the EMC Directive are listed in normative annex A and annex B for I-ETS 300 219.

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

Page 24

Insert the following before the History:

Annex A (normative): **ETS 300 279, ElectoMagnetic Compatibility (EMC) standard for Private land Mobile Radio (PMR) and ancillary equipment (speech and/or non-speech)**

Table A.1: Subclauses of this ETS relevant for compliance with the essential requirements of the EC Council Directives

Clause/subclause number and title		Corresponding article of Council Directive 89/336/EEC	Qualifying remarks
8	Test methods and limits for emission tests		
8.1	Enclosure of ancillary equipment	4(a)	
8.2	DC power input/output port	4(a)	
8.3	AC mains power input/output port	4(a)	
9	Test methods and levels for immunity tests		
9.1	Radio frequency electromagnetic field (80-1 000 MHz)	4(b)	
9.2	Electrostatic discharge	4(b)	
9.3	Fast transients common mode	4(b)	
9.4	RF common mode, 0,15 MHz - 80 MHz (current clamp injection)	4(b)	
9.5	Transients and surges, vehicular environment	4(b)	
9.6	Voltage dips and interruptions	4(b)	
9.7	Surges common and differential mode	4(b)	

Annex B (normative): Clauses and/or subclauses from I-ETS 300 219: Radio Equipment and systems (RES); Land mobile service Technical characteristics and test conditions for radio equipment transmitting signals to initiate a specific response in the receiver, which are relevant for compliance with essential requirements of the EC Council Directives

Table B.1: Subclauses of this ETS relevant for compliance of equipment within the scope of I-ETS 300 219 with the essential requirements of the EC Council Directives

Clause/subclause number and title		Corresponding article of Council Directive 89/336/EEC	Qualifying remarks
B.1	Spurious emissions	4(a)	
B.4	Spurious radiations	4(a)	
B.2	Spurious response rejection	4(b)	
B.3	Blocking or desensitization	4(b)	

B.1 Spurious emissions

For the definition and the measuring method see subclause 9.5 of I-ETS 300 219: 1993.

The power of any spurious emission shall not exceed the values given in tables B.2 and B.3.

Table B.2: Conducted emissions (standards.iteh.ai)

Frequency range	9 kHz to 1 GHz	> 1 to 4 GHz or > 1 to 12,75 GHz (note)
Tx operating	0,25 μ W (- 36,0 dBm)	1,00 μ W (- 30,0 dBm)
Tx standby	2,0 nW (- 57,0 dBm)	20,0 nW (- 47,0 dBm)
NOTE:	The frequency range 9 kHz to 4 GHz applies for equipment operating on frequencies below 470 MHz; the frequency range of 9 kHz to 12,75 GHz applies for equipment operating on frequencies above 470 MHz.	

Table B.3: Radiated emissions

Frequency range	30 MHz to 1 GHz	> 1 to 4 GHz
Tx operating	0,25 μ W (- 36,0 dBm)	1,00 μ W (- 30,0 dBm)
Tx standby	2,0 nW (- 57,0 dBm)	20,0 nW (- 47,0 dBm)

B.2 Spurious response rejection

For the definition and the measurement method see subclause 10.6 of I-ETS 300 219: 1993.

At any frequency separated from the nominal frequency of the receiver by more than one channel, the spurious response rejection ratio shall not be less than 70,0 dB.

B.3 Blocking or desensitization

For the definition and the measurement method see subclause 10.8 of I-ETS 300 219: 1993.

The blocking ratio, for any frequency within the specified ranges, shall not be less than 84,0 dB, except at frequencies on which spurious responses are found (see subclause 10.6).

B.4 Spurious radiations

For the definition and the measurement method see subclause 10.9. of I-ETS 300 219: 1993.

The power of any spurious radiation shall not exceed the values given in table B.4 and B.5.

Table B.4: Conducted components

Frequency range	9 kHz to 1 GHz	> 1 to 4 GHz, or > 1 to 12,75 GHz, (note)
Limit	2,0 nW (- 57,0dBm)	20,0 nW (- 47,0 dBm)
NOTE:	The frequency range 9 kHz to 4 GHz applies for equipment operating on frequencies below 470 MHz; the frequency range of 9 kHz to 12,75 GHz applies for equipment operating on frequencies above 470 MHz.	

Table B.5: Radiated components

Frequency range	30 MHz to 1 GHz	> 1 to 4 GHz
Limit	2,0 nW (- 57,0 dBm)	20,0 nW (- 47,0 dBm)

Annex C (normative): **ERC Decision on the adoption of approval regulations for radio equipment to be used in the land mobile service for transmitting signals to initiate a specific response in the receiver based on the Interim European Telecommunications Standard (I-ETS) 300 219**

This annex contains the ERC Decision which references the technical specifications in I-ETS 300 219 for inclusion in national type approval regulations.

[SIST ETS 300 279:1999/A1:1999
https://standards.iteh.ai/catalog/standards/sist/48de9bb9-1571-408f-bff6-306e35f7e29f/sist-ets-300-279-1999-a1-1999](https://standards.iteh.ai/catalog/standards/sist/48de9bb9-1571-408f-bff6-306e35f7e29f/sist-ets-300-279-1999-a1-1999)

EUROPEAN RADIOCOMMUNICATIONS COMMITTEE

ERC Decision
of 1 November 1996
on the adoption of approval regulations for
radio equipment to be used
in the land mobile service for transmitting signals to initiate
a specific response in the receiver based on
the Interim European Telecommunications Standard
(I-ETS) 300 219
(ERC/DEC/(96)10)

