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## **PRILOGA K AKREDITACIJSKI LISTINI** ***Annex to the accreditation certificate***

**št. / No. LP-065**

### **1 AKREDITIRANI ORGAN / Accredited body**

Inštitut za telekomunikacije, Zavod za razvoj telekomunikacij

Laboratorij za elektromagnetna sevanja

Tržaška 132, 1000 Ljubljana

### **2 STANDARD**

SIST EN ISO/IEC 17025:2005

### **3 OBSEG AKREDITACIJE / Scope of accreditation**

V okviru te akreditacijske listine Slovenska akreditacija priznava akreditiranemu organu usposobljenost za opravljanje naslednjih dejavnosti: / SA hereby acknowledges the accredited body as being competent for performing the following activities:

#### **3.1 Skrajšani opis obsega akreditacije / A short description of the scope**

Preskušanje na področjih (klasifikacija po A45):

*Testing in the field of (classification according to SA document A45):*

- Neionizirna sevanja (2.10): Elektromagnetna sevanja; / *Non-ionizing radiation (2.10):  
Electromagnetic radiation;*

### 3.2 Podrobni opis obsega akreditacija / Detailed scope of accreditation

Tabela 1: - preskušanje na terenu.

Table 1: – On-site testing.

Področje preskušanja (klasifikacija po A45): Neionizirna sevanja (2.10); Field of testing (classification according to SA document A45): Non-ionising radiation (2.10);				
Št. No.	Oznaka standarda ali nestandardne preskusne metode <i>Reference to standard or non-standard testing method</i>	Naslov standarda ali nestandardne preskusne metode in morebitne navezave na druge standarde ali metode <i>Title of standard or non-standard testing method and eventual relations to other standards or methods</i>	Območje preskušanja; Negotovost rezultata preskušanja (kjer je to pomembno) <i>Range of testing; Uncertainty of the result of testing (where relevant)</i>	Materiali; proizvodi <i>Materials; products</i>
1.	SIST ENV 50166-1:1995 (razveljavljen)	Human exposure to electromagnetic fields Low-frequency (0 Hz to 10 kHz)	5 Hz – 10 kHz	Viri nizkofrekvenčnih sevanj.
2.	IEEE Std 644-1987  (z omejitvijo <i>/ with limitation</i> )	IEEE standard procedures for measurement of power frequency electric and magnetic fields from AC power lines  Razen točk / <i>Except clauses:</i> 4.3 Calibration of Electric Field Strength Meters, 6.3 Calibration of Magnetic Field Strength Meters	5 Hz – 10 kHz	Viri nizkofrekvenčnih sevanj.
3.	IEEE Std 644-1994  (z omejitvijo <i>/ with limitation</i> )	IEEE standard procedures for measurement of power frequency electric and magnetic fields from AC power lines  Razen točk / <i>Except clauses:</i> 4.3 Calibration of electric field strength meters, 6.3 Calibration of magnetic field meters	5 Hz - 100 kHz	Viri nizkofrekvenčnih sevanj.
4.	SIST ENV 50166-2:1995 (razveljavljen)  (z omejitvijo <i>/ with limitation</i> )	Human exposure to electromagnetic fields High-frequency (10 kHz to 300 GHz)  Razen točk / <i>Except clauses:</i> 5.4 Calibration of the instruments	10 kHz – 40 GHz	Viri visokofrekvenčnih sevanj.
5.	IEEE Std C95.3-1991  (z omejitvijo <i>/ with limitation</i> )	IEEE Recommended Practice for the Measurement of Potentially Hazardous Electromagnetic Fields-RF and Microwave  Razen točk / <i>Except clauses:</i> 4.5 Calibration of External Field Measuring Instruments, 5.4 Induced body current and contact current measurement), 5.5 Internal field measurement procedures)	10 kHz – 40 GHz	Viri visokofrekvenčnih sevanj.
6.	IEEE Std C95.3-2002  (z omejitvijo <i>/ with limitation</i> )	IEEE Recommended Practice for Measurements and Computations of Radio Frequency Electromagnetic Fields With Respect to Human Exposure to such Fields, 100 kHz – 300 GHz  Razen točk / <i>Except clauses:</i> 5.5.1 Calibration methods, 6.4 Induced body current and contact current measurement), 6.5 Measurement procedures for internal fields (SAR)	100 kHz – 40 GHz	Viri visokofrekvenčnih sevanj.



**Opombe / Notes:**

- V vseh točkah podrobnega obsega akreditacije, pri katerih v rubriki "**Območje** preskušanja; **Negotovost** rezultata preskušanja" ni navedenih podatkov, veljajo določila posameznih standardov oziroma nestandardnih preskusnih metod, ki se na to nanašajo.  
*In all columns of the scope of accreditation where the cells under "**Range of measurement, testing; Uncertainty of the result of testing**" are empty, the provisions of the relevant standards or non-standard testing methods should apply.*
- V točkah podrobnega obsega akreditacije, pri katerih v rubriki "**Oznaka** standarda" ni navedena letnica izdaje standarda, se sklic nanaša na zadnjo (veljavno) izdajo standarda, kar jamči interni sistem sledenja in prilagajanja laboratorija spremembam.  
*In those columns of the scope of accreditation where the cells under "**Reference**" do not specify the year of issue of the standard, the latest (valid) standard should apply. This is assured by internal laboratory system of follow-up and adaptation to changes.*
- V točkah podrobnega obsega akreditacije, pri katerih sta v rubriki "**Oznaka** standarda" navedeni dve ali več oznak standardov, se sklic v celoti nanaša na identične standarde.  
*In those columns of the scope of accreditation where the cells under "**Reference**" specify two or more codes of standards, the complete citation to identical standards should apply.*



**SLOVENSKA  
AKREDITACIJA**

dr. Boštjan Godec  
Direktor / Director

