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| The International Teleocmmunication Union - Connecting the World. | **International telecommunication union****Telecommunication Standardization Bureau** |  |
|  | Geneva, 4 November 2022 |
| **Ref:** | **TSB Circular 53**SG5/RU | **To:**- Administrations of Member States of the Union**Copy to:**- ITU-T Sector Members;- Associates of ITU-T Study Group 5;- ITU Academia;- The Chairman and Vice-Chairmen of ITU-T Study Group 5;- The Director of the Telecommunication Development Bureau;- The Director of the Radiocommunication Bureau |
| **Tel:** | +41 22 730 5356 |
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| **Subject:** | **Proposed deletion of Recommendations ITU-T K.43; K.48 and K.88 agreed by ITU-T SG5 at its meeting from 17 – 27 October 2022, Rome (Italy).** |
| Dear Sir/Madam,1 At the request of the Chairman of Study Group 5 (Electromagnetic fields (EMF), environment, climate action, sustainable digitalization, and circular economy), I have the honour to inform you that this study group, in its meeting from 17 – 27 October 2022, in Rome (Italy), agreed to initiate the deletion of the above mentioned ITU-T Recommendations, in accordance with the provisions of Resolution 1, Section 9, § 9.8.2, of WTSA (Rev. Geneva, 2022). There was no opposition to this advice from the Member States or Sector Members who participated in the meeting.2 **Annex 1** gives information about this agreement, including an explanatory summary about the reasons for the deletion.3 Having regard to the provisions of Resolution 1, Section 9, I should be grateful if you would inform me by 2400 hours UTCon **4 February 2023** whether your Administration/organization approves or rejects this deletion. Should any Member States or Sector Members be of the opinion that deletion should not be accepted, they should advise their reasons for disapproving and the matter would be referred back to the study group.4 After the above-mentioned deadline, **4 February 2023**, the Director of TSB will notify, in a Circular, the result of the consultation. This information will also be published in the ITU Operational Bulletin.Yours faithfully,Chaesub LeeDirector of the TelecommunicationStandardization Bureau**Annex**: 1 |

**Annex 1
Recommendations proposed for deletion: ITU-T K.43; K.48 and K.88**

**Recommendation ITU-T K.43, Immunity requirements for telecommunication network equipment**

**Approval date: July 2009**

*Scope:*

This Recommendation specifies the immunity requirements for equipment used within the public

telecommunication networks and for terminal equipment connected to such networks. This

Recommendation is a product family Recommendation.

This Recommendation gives the minimum test levels applicable in a given environment. The

requirements given in specific product family Recommendations supersede those given in this

Recommendation.

This Recommendation is applicable to all equipment types:

– equipment in the telecommunication networks, including switching equipment,

transmission equipment, radio equipment, power supply equipment, supervisory equipment

and control equipment;

– terminal equipment connected to telecommunication networks, including telephone set,

facsimile and PBX;

– terminal equipment that uses the LV AC network for telecommunications (i.e., PLT

devices).

This Recommendation includes immunity requirements in the frequency range:

* 150 kHz-80 MHz for conducted immunity;
* 80-2700 MHz for radiated immunity.

Other frequency ranges are covered by other K series of ITU-T Recommendations,

e.g., [b-ITU-T K.76] for the 9-150 kHz frequency range.

**Recommendation ITU-T K.48, EMC requirements for telecommunication equipment – Product family Recommendation**

**Approval date: September 2006**

*Scope:*

This Recommendation specifies the emission and immunity requirements for switching,

transmission, power, digital mobile base station, wireless LAN, digital radio relay system, digital

subscriber line (xDSL) and supervisory equipment. It also describes operational conditions for

emission and immunity testing. Performance criteria for immunity tests are also specified. The

general operational condition and performance criteria are recommended in ITU-T Rec. K.43. This

Recommendation describes the specific testing conditions to be applied to telecommunication

network equipment.

**Recommendation ITU-T K.88, EMC requirements for next generation network equipment**

**Approval date: November 2011**

*Scope:*

This Recommendation specifies the emission and immunity requirements for switching,

transmission and media gateway equipment based on Internet protocol (IP) in the next generation

network (NGN). It also describes operational conditions for emission and immunity testing.

Performance criteria for immunity tests are also specified. The general operational condition and

performance criteria are recommended in [ITU-T K.48]. This Recommendation describes the

specific testing conditions to be applied to NGN equipment.

An example of equipment under this scope is presented in Annex A.

*Reasons for the deletion of Recommendations ITU-T K.43 and ITU-T K.48 listed above:*

The requirements contained in Recommendations ITU-T K.43 and ITU-T K.48 are already covered in the following Recommendations:

* ITU-T K.136 (2018): Electromagnetic compatibility requirements for radio telecommunication equipment
* ITU-T K.137 (2022): Electromagnetic compatibility requirements and measurement methods for wireline telecommunication network equipment
* ITU-T K.114 (2022): Electromagnetic compatibility requirements and measurement methods for digital cellular mobile communication base station equipment
* ITU-T K.123 (2022): Electromagnetic compatibility requirements for electrical equipment in telecommunication facilities
* ITU-T K.116 (2019): Electromagnetic compatibility requirements and test methods for radio telecommunication terminal equipment
* ITU-T K.152 (2022): Electromagnetic compatibility requirements for power equipment in telecommunication facilities

*Reasons for the deletion of Recommendation ITU-T K.88 listed above:*

The requirements contained in Recommendation ITU-T K.88 are already covered in Recommendation ITU-T K.137 (2022) “Electromagnetic compatibility requirements and measurement methods for wireline telecommunication network equipment”.

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