International Telecommunication Union

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

K.90

Amendment 1

(05/2019)

SERIES K: PROTECTION AGAINST INTERFERENCE

Evaluation techniques and working procedures for compliance with exposure limits of network operator personnel to power-frequency electromagnetic fields

Amendment 1: Update to Appendix II – Software EMFACDC v 2.0

Recommendation ITU-T K.90 (2018) – Amendment 1

Recommendation ITU-T K.90

Evaluation techniques and working procedures for compliance with exposure limits of network operator personnel to power-frequency electromagnetic fields

Amendment 1

Update to Appendix II – Software EMFACDC v 2.0

Summary

The software "EMFACDC" in Appendix II of Recommendation ITU-T K.90 was developed in 2012. As the software environment is constantly under development, there was a requirement for software adjustments. These updates were done in the new version v 2.0 that is attached to this amendment, and which include the following important modifications:

– procedures "open" and "save" were improved;

– the possibility to save numerical data with the results of calculations on the horizontal and vertical lines in *.csv format was added;

– the new example of the high voltage line with two circuits "delta" type was added;

– the main screen was reorganized.

History

Edition	Recommendation	Approval	Study Group	Unique ID*
1.0	ITU-T K.90	2012-05-29	5	11.1002/1000/11633
2.0	ITU-T K.90	2018-07-14	5	11.1002/1000/13633
2.1	ITU-T K.90 (2018) Amd. 1	2019-05-22	5	11.1002/1000/13934

* To access the Recommendation, type the URL http://handle.itu.int/ in the address field of your web browser, followed by the Recommendation's unique ID. For example, http://handle.itu.int/11.1002/1000/11830-en.

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Recommendation ITU-T K.90

Evaluation techniques and working procedures for compliance with exposure limits of network operator personnel to power-frequency electromagnetic fields

Amendment 1

Update to Appendix II – Software EMFACDC v 2.0

This amendment[1] updates program EMFACDC, initially developed in 2012, and which is provided in Appendix II of the Recommendation. The new EMFACDC v 2.0 includes the following important modifications:

– procedures "open" and "save" were improved;

– the possibility to save numerical data with the results of calculations on the horizontal and vertical lines in *.csv format was added;

– the new example of the high voltage line with two circuits "delta" type was added;

– the main screen was reorganized.

[1] This amendment includes an electronic attachment containing the updated EMFACDC program.

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