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Series K

Supplement 2

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SERIES K: PROTECTION AGAINST INTERFERENCE

ITU-T K.52 – Calculator for equivalent isotropic radiated power as described in Recommendation ITU-T K.52

ITU-T K-series Recommendations – Supplement 2

Supplement 2 to ITU-T K-series Recommendations

ITU-T K.52 – Calculator for equivalent isotropic radiated power as described in Recommendation ITU-T K.52

Summary

Supplement 2 to the ITU-T K-series Recommendations provides a software calculator to support the calculations presented in Appendix III of Recommendation ITU-T K.52 (2014).

The software calculator is provided as an electronic attachment to this supplement.

History

Edition	Recommendation	Approval	Study Group	Unique ID*
1.0	ITU-T K.52	2000-02-25	5	11.1002/1000/4915
2.0	ITU-T K.52	2004-12-14	5	11.1002/1000/7427
2.1	ITU-T K.52 (2004) Cor.1	2009-05-29	5	11.1002/1000/10020
2.2	ITU-T K.52 (2004) Amd. 1	2013-02-07	5	11.1002/1000/11905
3.0	ITU-T K.52	2014-08-29	5	11.1002/1000/12238

* 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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The World Telecommunication Standardization Assembly (WTSA), which meets every four years, establishes the topics for study by the ITU-T study groups which, in turn, produce Recommendations on these topics.

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In some areas of information technology which fall within ITU-T's purview, the necessary standards are prepared on a collaborative basis with ISO and IEC.

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Supplement 2 to ITU-T K-series Recommendations

ITU-T K.52 – Calculator for equivalent isotropic radiated power as described in Recommendation ITU-T K.52

This supplement and its accompanying electronic attachment were developed to support the calculations presented in Appendix III of Recommendation ITU-T K.52 (2014). The software is described as follows:

System requirements

- MS Windows 2000/XP/Vista/7/8;
- Net Framework 4.0 or higher.

Software description

Figure 1 presents the main screen of the K52 calculator. The main screen consists of four tabs. In the "Frequency" tab the user inputs the frequency range for which calculation will be done.

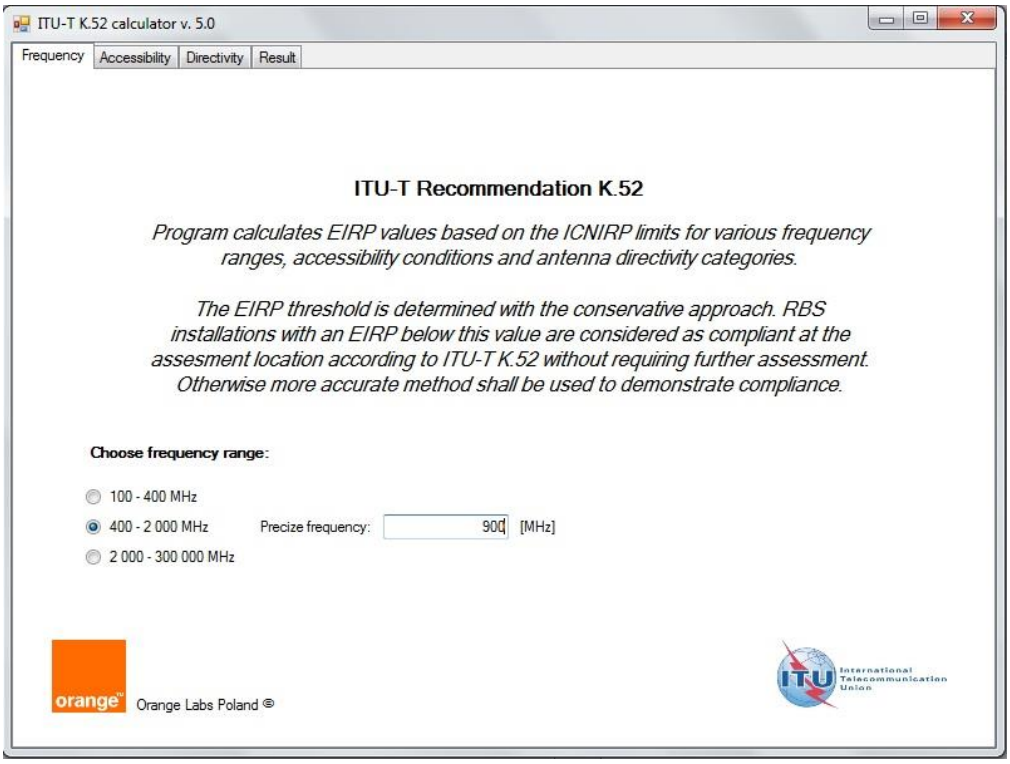

Figure 1 –Main screen of the K.52 calculator with the choice of frequency

Figure 2 presents the second Tab, "Accessibility", which allows the user to choose the accessibility category, and provides additional explanation taken from the main part of Recommendation ITU-T K.52.

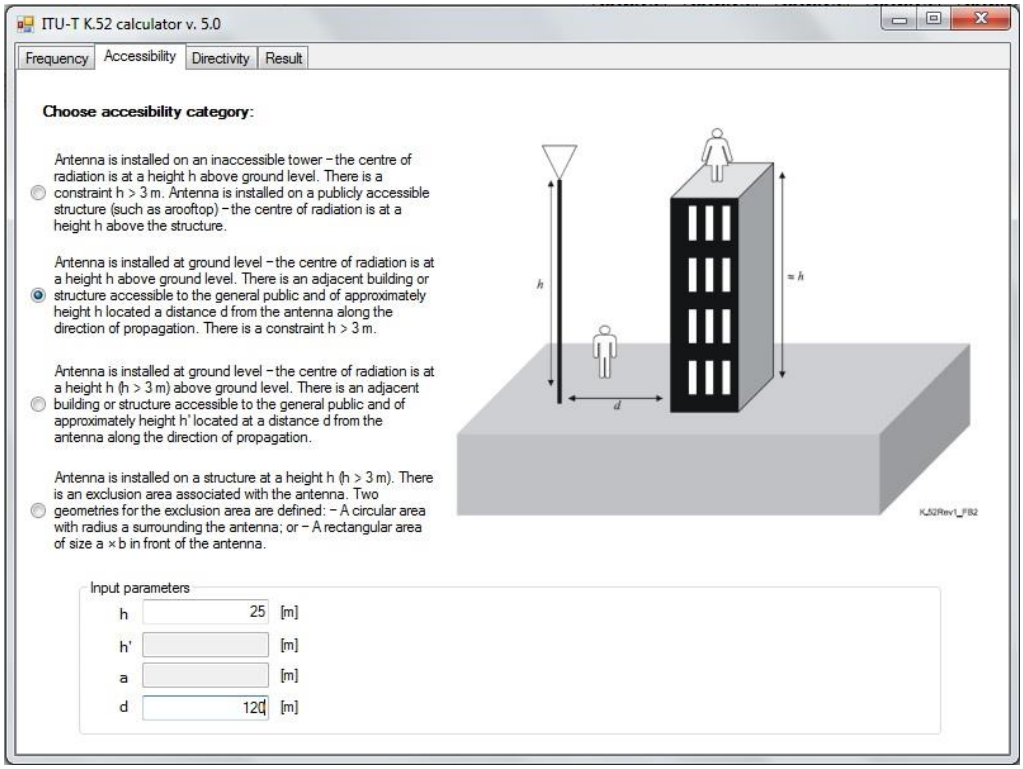

Figure 2 – Tab "Accessibility" with choice of accessibility category

Figure 3 presents the third Tab, "Directivity", which allows the user to choose the directivity category, and provides additional explanation taken from the main part of Recommendation ITU-T K.52.

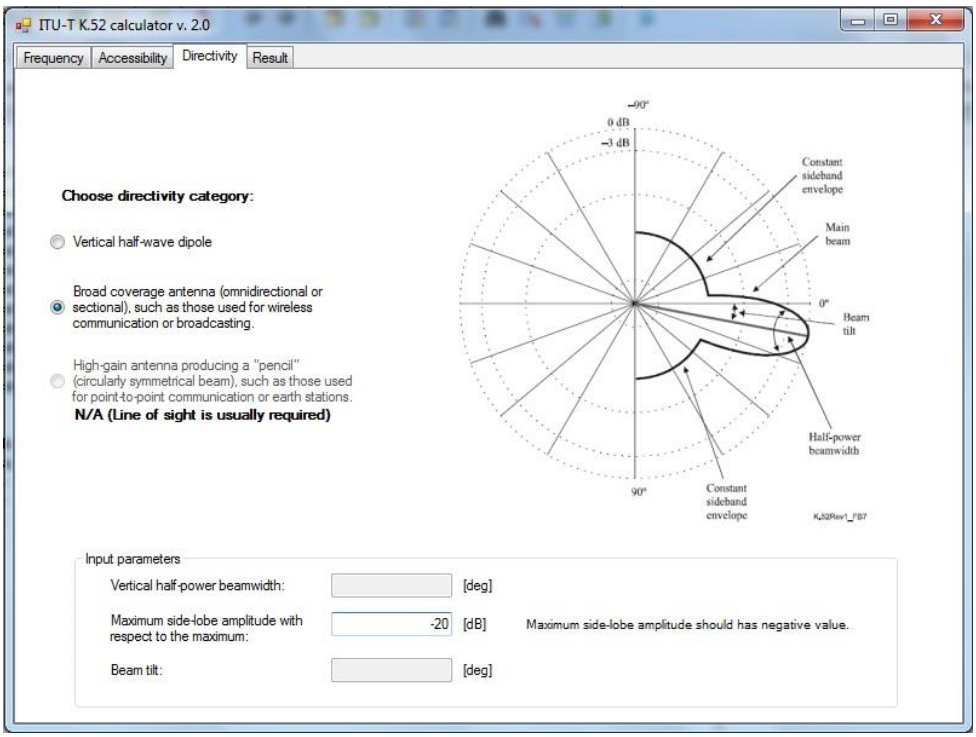

Figure 3 – Tab "Directivity" with choice of directivity category

Figure 4 presents the fourth Tab, "Result", which provides the results of the calculations.

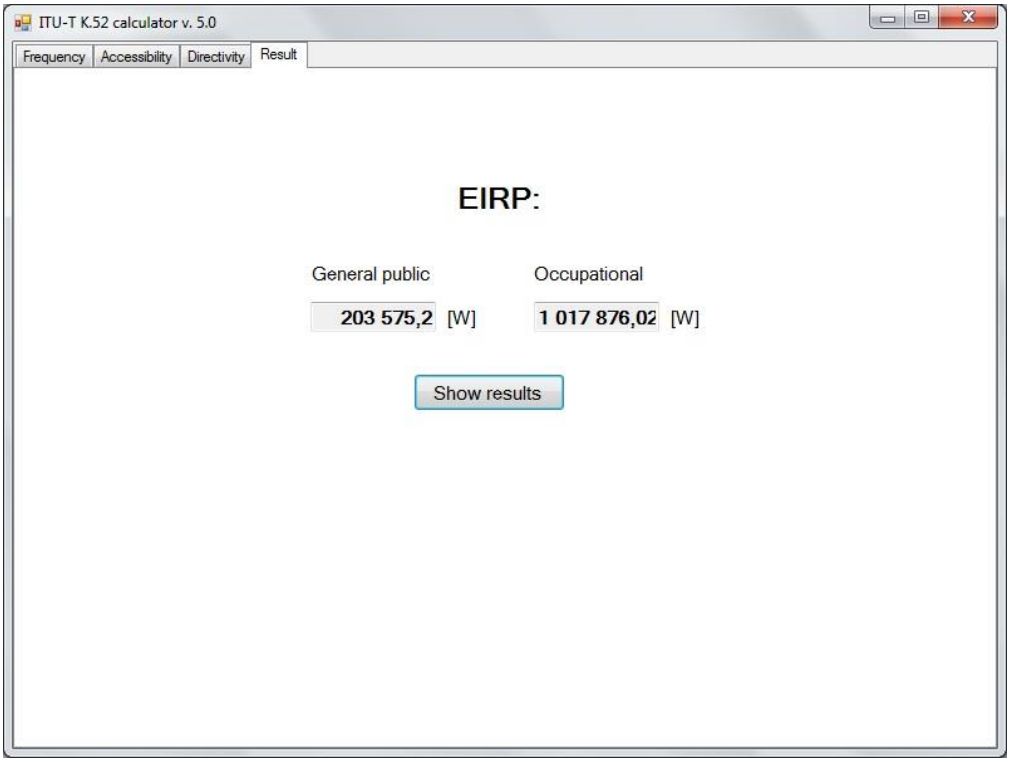

Figure 4 – Tab "Result" with results of the calculations

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