ITU-T

G.100.1

TELECOMMUNICATION STANDARDIZATION SECTOR OF ITU (06/2015)

SERIES G: TRANSMISSION SYSTEMS AND MEDIA, DIGITAL SYSTEMS AND NETWORKS

International telephone connections and circuits – Transmission planning and the E-model

The use of the decibel and of relative levels in speechband telecommunications

Recommendation ITU-T G.100.1



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### **Recommendation ITU-T G.100.1**

# The use of the decibel and of relative levels in speechband telecommunications

## **Summary**

Recommendation ITU-T G.100.1 provides the definition for different logarithmic power level measurement units in current use in telecommunication systems. This Recommendation also provides the relationship amongst those units and usage examples. The text herein is a merger of information that has been previously dispersed over several publications and supersedes the contents of: Recommendation ITU-T B.12, Annex A of Recommendation ITU-T G.100, Annex A of Recommendation ITU-T G.101, Annex B of Recommendation ITU-T Q.551, and clause 3.8 of Recommendation ITU-T G.101.

#### **History**

Edition	Recommendation	Approval	Study Group	Unique ID*
1.0	ITU-T G.100.1	2001-11-29	12	11.1002/1000/5596
2.0	ITU-T G.100.1	2015-06-29	12	11.1002/1000/12504

<sup>\*</sup> 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, <a href="http://handle.itu.int/11.1002/1000/11830-en">http://handle.itu.int/11.1002/1000/11830-en</a>.