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TRANSFORMATION OF THE MEASUREMENT DATA FROM BRAZIL TO THE ITU-R STUDY GROUP 3 FORMAT

1 Introduction

During last years the measurement data from different sources has been transferred into common format in order to give a possibility to use this data in the testing of different propagation models. This work is continued as new data is delivered to the ITU-R SG 3.

2 Brazilian data banks

In Document 3J/143 [1] there is presented results of measurements campaigns developed in Brazil on May, 2009 (autumn) and August, 2010 (winter), in Brazil, Rio de Janeiro – tropical region in the VHF band (frequency 150,54 MHz) and FM modulation. Measurements were made in suburban area. Received data were recorded in Excel and text files.

3 Conclusion

As the result of transformation the measurements “Campaign_May_2009.zip” contain 34 files and “Campaign_August_2010.zip” contains 38 files in unified ITU-R SG3 *.csv format. The converted files are presented below.



Campaign_May_2009.zip



Campaign_August_2010.zip

Many thanks to Brazil Administration for the valuable data expanding the ITU-R SG 3 Databank.

REFERENCES

- [1] Doc. 3J/143, Measurements to study the diffraction phenomena on tropical region - VHF band. Question ITU-R 202-3/3 - Methods for predicting propagation over the surface of the Earth, Brazil (Federative Republic of).