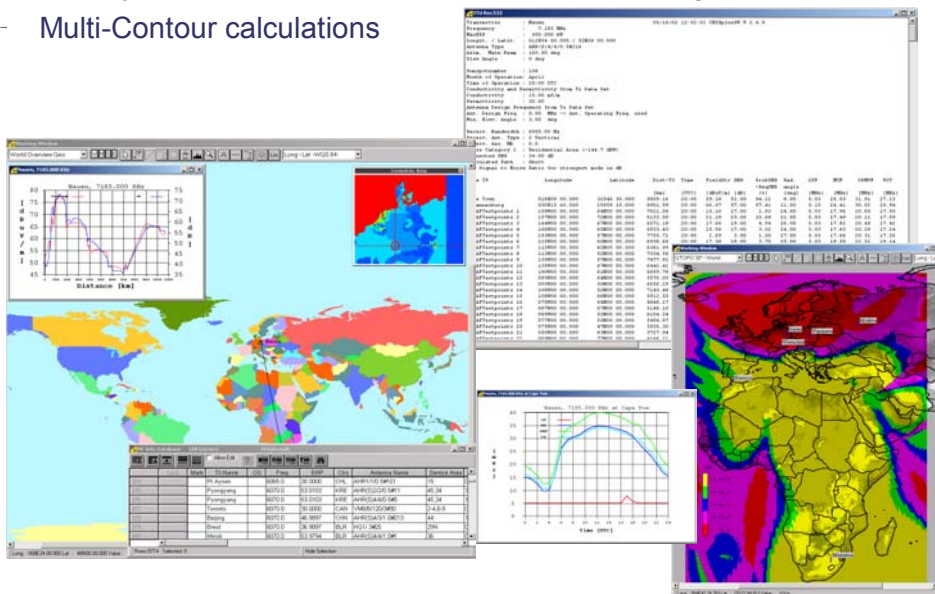
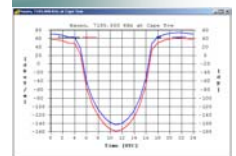
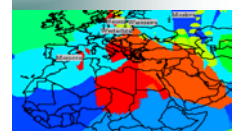
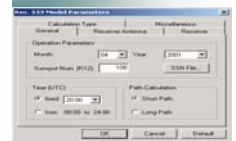
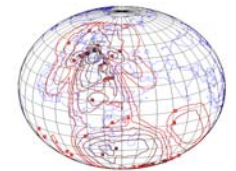
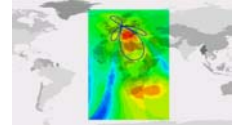




Planning of High Frequency Broadcast Services

Features & Highlights

- ✦ Powerful transmitter database to support schedules
- ✦ Import filter for HFBC schedule (ASCII and Access format)
- ✦ Export of electronic notification format
- ✦ Ability to use ITU-HFBC Reference Tables
- ✦ HF antenna calculation and visualization according to ITU Rec. BS. 705
- ✦ Area calculation with user defined raster resolution
- ✦ Calculation along user defined polylines
- ✦ Prediction of long and short path propagation
- ✦ Daytime and seasonal effects; 24 hour prediction at test points
- ✦ Sunspot number dependency
- ✦ Field strength and received power calculation according to ITU Rec. 533
- ✦ LUF / MUF analysis
- ✦ OPMUF and FOT prediction
- ✦ Basic circuit reliability (BCR) according to ITU Rec. P. 842
- ✦ Network analysis
- ✦ Macro function for the identification of interfering and interfered requirements
- ✦ Various map projections
- ✦ Display of stations and calculation results on background maps
- ✦ Multi-Contour calculations



Implemented
Recommendations /
Regulations (Excerpt)

ITU-R P. 373
ITU-R P. 1239
ITU-R P. 1240
ITU-R P. 533

ITU-R BS. 705

ITU-R PI. 372

