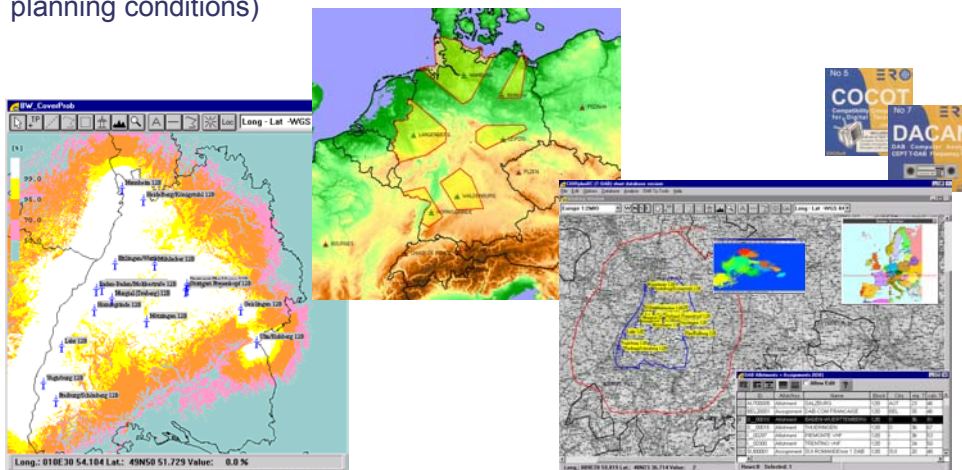
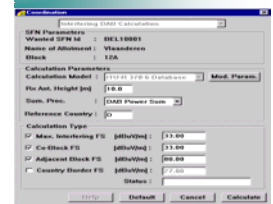
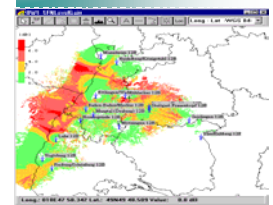




Planning and Coordination of Digital Broadcast Services

Features & Highlights

- ✦ Powerful transmitter database giving access to international and national frequency plans
- ✦ Display of stations, allotments and calculations on background maps
- ✦ SFN and MFN network planning
- ✦ Guard interval duration and shape adjustable
- ✦ Simulation of different receiver synchronization strategies
- ✦ Calculation of self interference and network gain
- ✦ Interference calculations with user definable protection ratios
- ✦ Various signal combination algorithms (power sum, SMM, log normal, simplified log normal, DAB power sum, T-LNM)
- ✦ Coordination tools (CH97 conversion, mixed and all-digital calculations for DVB-T, Wiesbaden 95 and Bonn 96 procedures for T-DAB)
- ✦ Import filter for plans and lists distributed on CD-ROM by ERO (DACAN for T-DAB, COCOT for DVB-T)
- ✦ Graphical creation and modification of allotments
- ✦ Transmitter related test points (DVB)
- ✦ Other services database and other services coordination macro
- ✦ User definable protection ratios
- ✦ RRC 04/06 additions (revised 1546 prop. Model, notification format, channel potential method, allotment calculation with reference networks and reference planning conditions)



Implemented Recommendations / Regulations (Excerpt)

ITU-R P. 1546
ITU-R P. 370
(with L-Band Extensions)
CCIR Rep. 945

T-DAB:

Wiesbaden 95 Plan
Bonn 96 Extensions
Maastricht 2002

DVB-T:

ITU-R BT. 1368
Chester 97 Agreement
ERC/EBU Izmir 97 Report
RRC04 Resolution