TWSTFT activities at PTB

D. Piester, A. Bauch, J. Becker, T. Polewka, M. Rost, E. Staliuniene

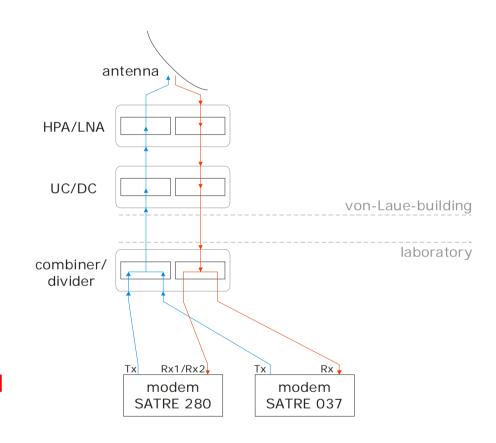
CCTF WG Meeting on TWSTFT – OP, Paris 2006

Whats new?

New UC/DC will be implemented soon

Combiner/divider enables operation of two modems in parallel

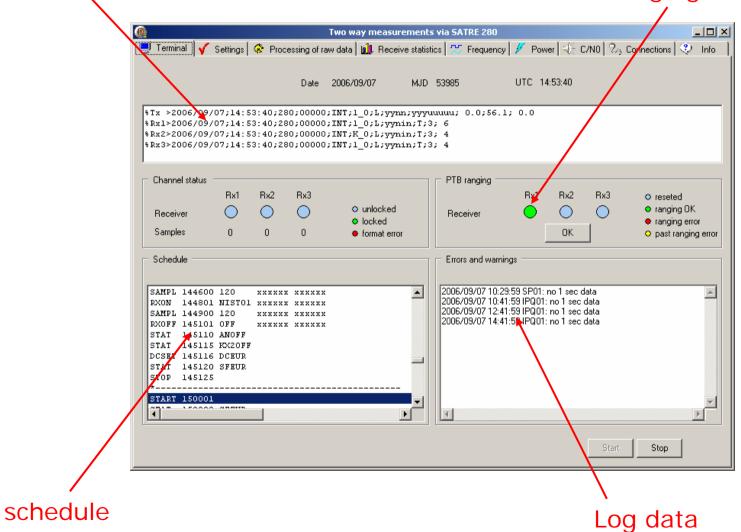
New modem is implemented and runs under test



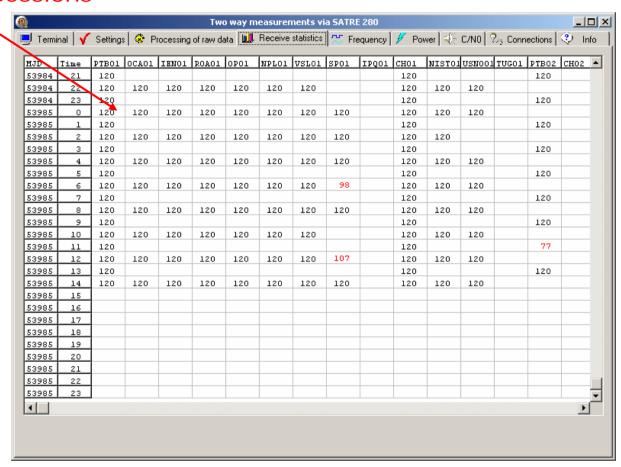
Spare parts for each component will be ready for operation after implenentation is completed.

SATRE data output

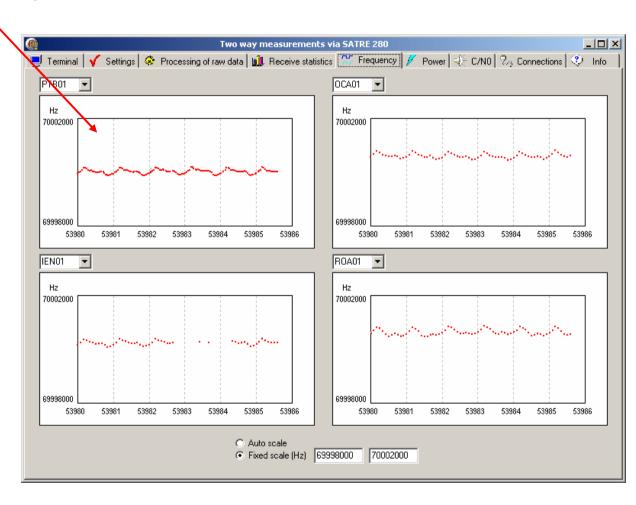
Operation test: ranging measurement



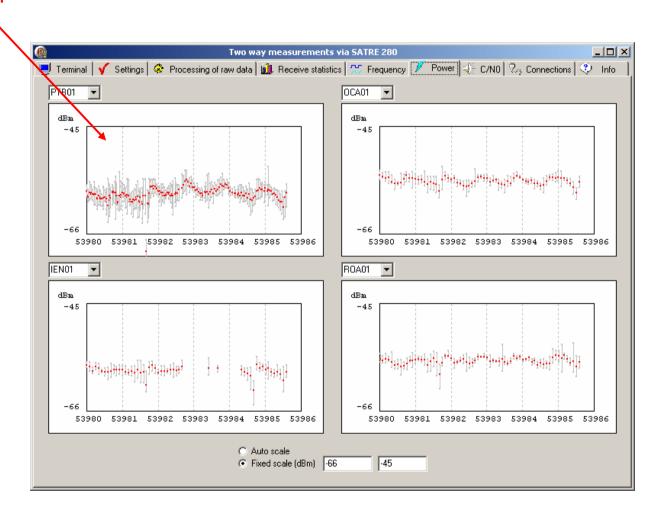
recorded number of 1-sec data during standard sessions



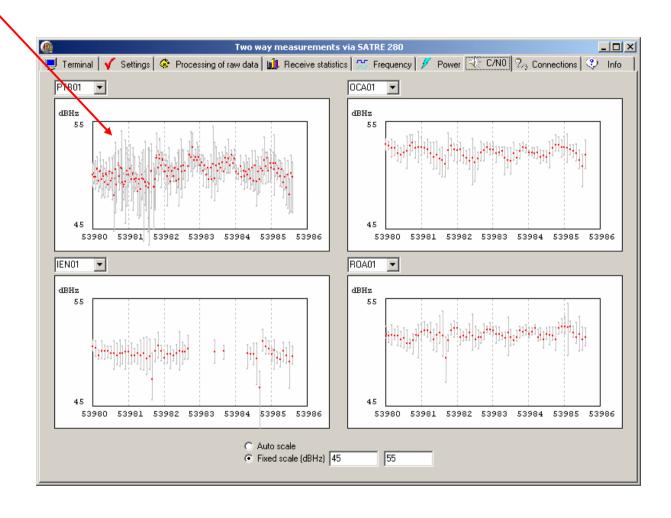
Rx frequency



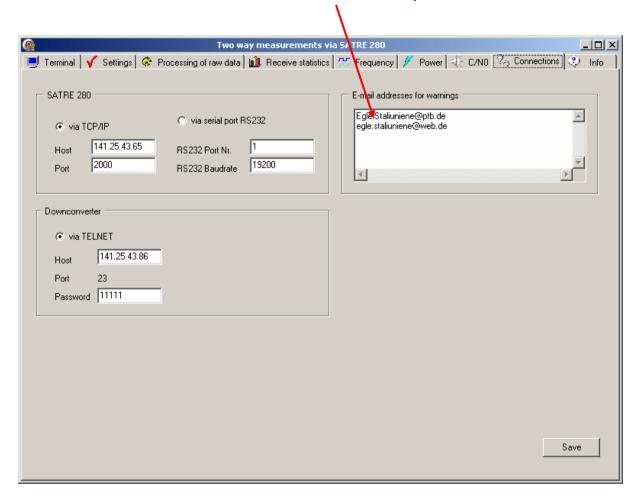
Rx power



Rx C/NO



E-mail notification in case of operation failure



Calibration Activities

Calibration of the TWSTFT links USNO – PTB carried out by USNO with a portable X-band station

European Calibration trip

TUG - PTB - METAS - TUG