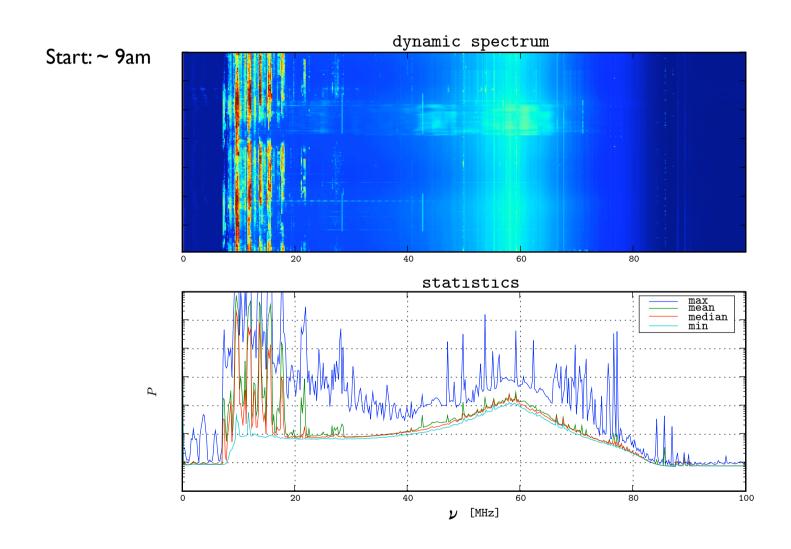
Some RFI measurements with the Tautenburg Lofar Station

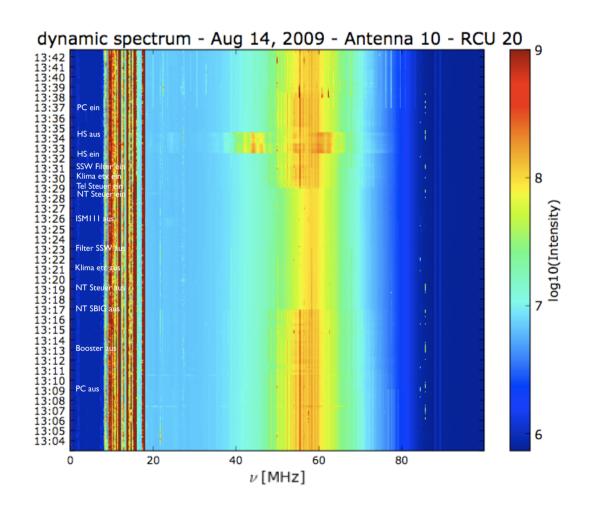
Matthias Hoeft / LSM Aug 19, 2009



48 hours RFI observation



Identification of sources



RFI caused by optical telescopes at the TLS

- continuous during optical observations
- broad band and a several lines
- at max about 1 magnitude above sky signal
- decreases rapidly at more distant antennae



RFI situation in Tautenburg

- RFI by optical telescopes (close by antennae affected, 1 mag)
- Radio communication tower planned (at max $65dB\mu V/m$ at antennae, detailed RFI test envisaged)
- Cutting trees, mowing the lawn, repairing the dome
 - → needs scheduling

Any potential conflict with deep Lofar observations?