Status of HBA commisioning

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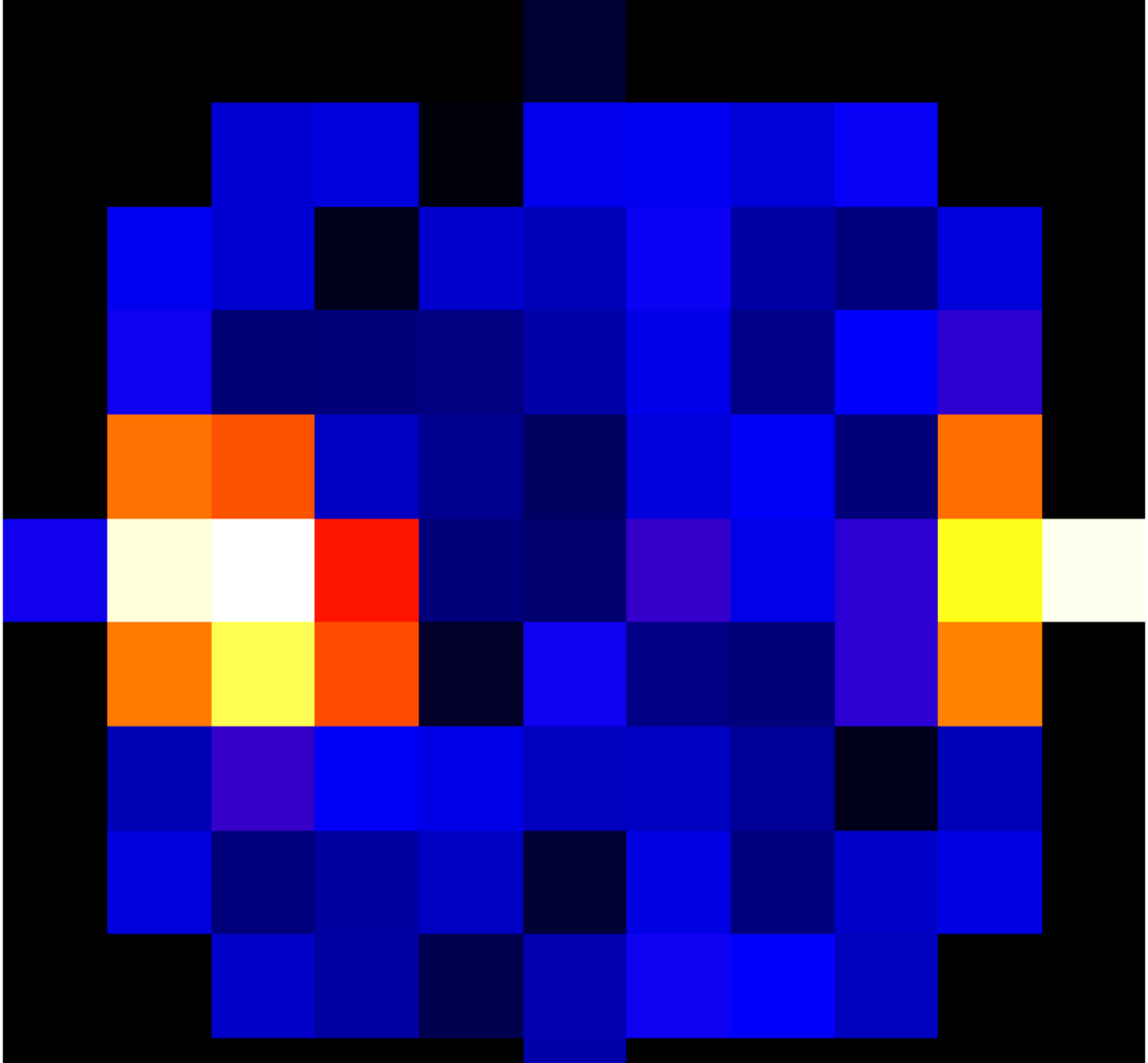
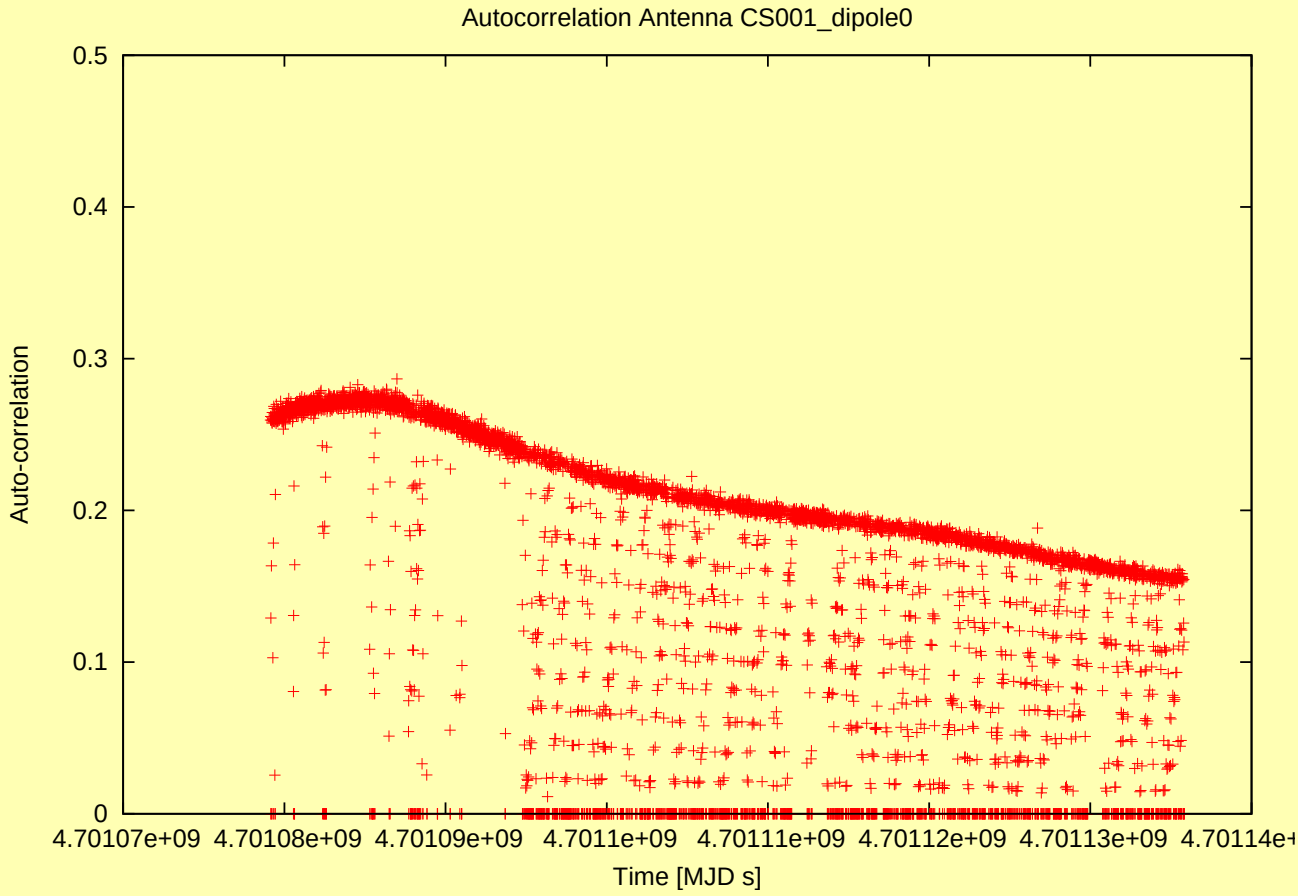
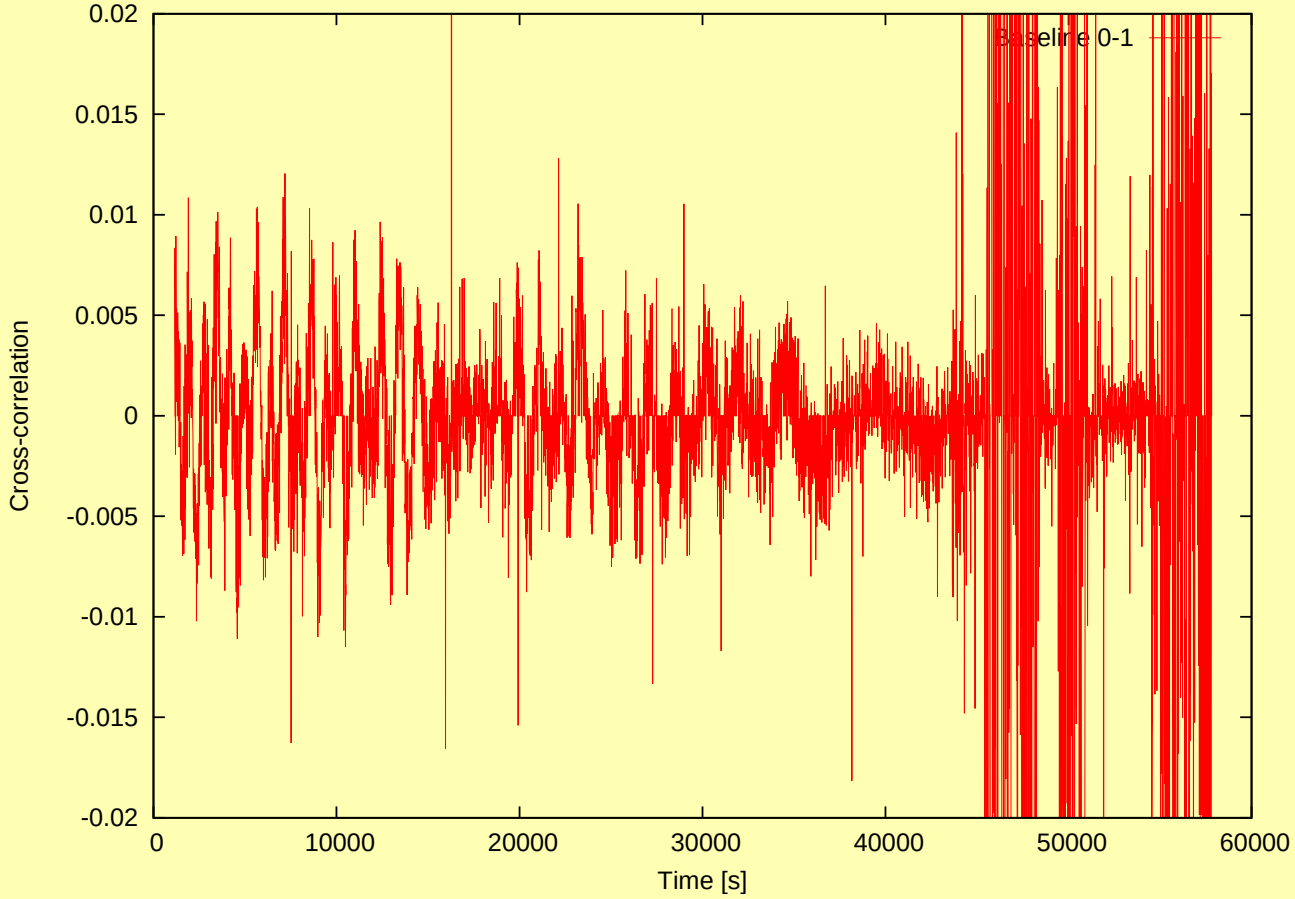
Good news

- Beam steering with beamctl works!
- 16 working delay boards mechanically ready to be installed in tile Exloo
- Apparently successful observation with 16 dipoles last night (/lifs003/L2007_04276)




Autocorrelation Antenna CS001_dipole0
Auto-correlation
0.5
0.4
0.3
0.2
0.1
0
4.70107e+09
4.70108e+09
4.70109e+09
4.7011e+09
4.70111e+09
4.70112e+09
4.70113e+09
4.70114e+
Time [MJD s]

Cross correlation 0-1



Issues

- why are so many data points in AC low?
- small firmware problem in tile modems (Eric Kooistra)
- Time stamp problem on CS010. Not present if RSP ring is switched off. (Eric Kooistra)
- Some components required for delay board instalation Exloo not yet available.

To do

- make all sky map of SKY with tile in Dwingeloo
- continue collecting HBA dipole data
- pulsar observation with tile Exloo
- holograhy with tiles Exloo