

CS-1 developments 31 May – 13 June 2007

GENERAL

- anything?

ROLLOUT STATUS

- Some HBA antennas removed for repairs
- All six tiles connected and working

Issues

STATIONS

- 200 MHz mode problems: status?
- Autocorrelation dips in LBA/160 data: quantization problem (triaged, not solved)
- Y-polarization at low frequencies: status?
- :8ch periodicity in RFI at low frequencies: status?

CEP/SAS/MAC/OLAP

- Integration still progressing
- UV-coordinate switch must still be implemented. Test images look funny.
- anything else?

Progress

NEW OBSERVATIONS

Weekend 1–2 June: • 02488: 24h Cyg A, 48 subbands 170–230 MHz
160 MHz (HBA17 problematic)

- 02490: 24h Cas A, 48 subbands 170–230 MHz 160 MHz

Weekend 8–10 June: • 02555: 10h Cyg A, 36 subbands 110–190 MHz
200 MHz

- 0255x: 23h Cas A, 36 subbands 110–190 MHz 160 MHz??
- 02560: 23h Cas A, 36 subbands 170–230 MHz 200 MHz?? (HBA16 problematic)

CALIBRATION/IMAGING:

- Spectacular map by Sarod

NOISE/RFI analysis

- any progress on 8ch periodicity?
- any progress on strange Y signals in LBAs?

Progress

BEAM MODELLING:

- Sarod
- Johan

IONOPHERIC MODELLING:

- Maaijke, Jim, Jan

SOURCE MODELS

- Leiden?

PROCESSING ISSUES:

- Ronald?

DATA QUALITY

- Pandey?

Observing schedule 15–18 June

RFI monitoring HBA low band.

Start: 1200 MEZT friday, end: 1200 MEZT monday.