# Chandra X-ray Center

Seq Num: 290288

Instrument: HRC

Obs ID: 4328

Source: ARLAC

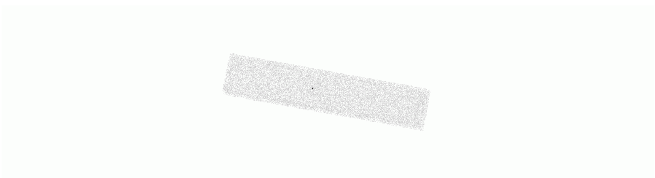
PI: Dr. CXC Calibration

Title: AO4B CALIBRATION OBSERVATIONS TO MONITOR SPATIAL VARIATIONS IN THE HRC-S GAIN

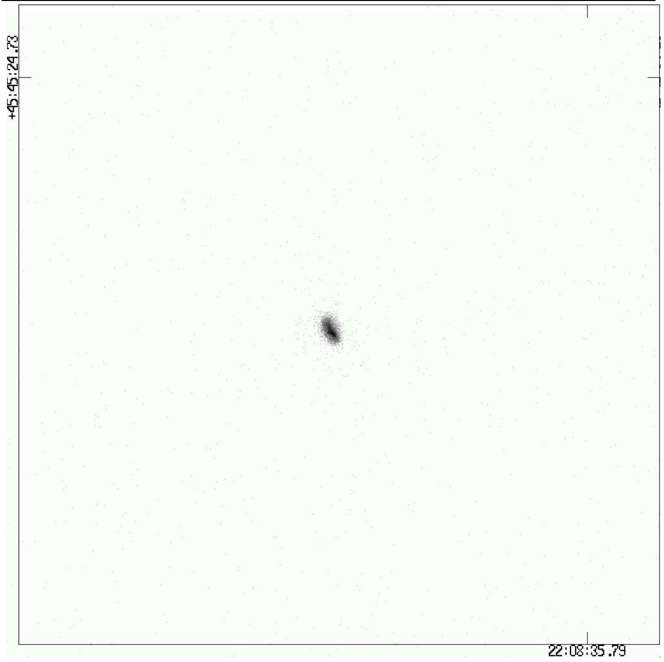
---

---

hrcf04328N002 full img2.fits



hrcf04328N002 cntr img2.fits



Chandra X-ray Center Seq Num: 290288

Instrument: HRC Obs ID: 4328

Source: ARLAC PI: Dr. CXC Calibration

Title: AO4B CALIBRATION OBSERVATIONS TO MONITOR SPATIAL VARIATIONS IN THE HRC-S GAIN

| Level 1 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.8 | Processing system revision |
| DATE | 2006-07-07T23:10:19 | Date and time of file creation |
| DATE-OBS | 2003-09-01T17:06:32 | Observation start date |
| DATE-END | 2003-09-01T17:31:42 | Observation end date |
| RA_PNT | 332.06917700888 | Pointing RA |
| DEC_PNT | 45.730528142409 | Pointing Dec |
| ROLL_PNT | 190.17199955961 | Pointing Roll |
| RA_TARG | 332.17 | Observer's specified target RA |
| DEC_TARG | 45.742306 | Observer's specified target Dec |
| DEGAP | hrcsD1999-07-22gaplookupN0002.fits | |

| Level 2 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.8 | Processing system revision |
| DATE | 2006-07-07T23:24:48 | Date and time of file creation |
| DATE-OBS | 2003-09-01T17:06:32 | Observation start date |
| DATE-END | 2003-09-01T17:31:42 | Observation end date |
| INSTRUME | HRC | Instrument |
| DETNAM | HRC-S | Detector |
| GRATING | NONE | Grating |
| OBJECT | ARLAC | Source name |
| TITLE | AO4B CALIBRATION OBSERVATIONS TO MONITOR SPATIAL VARIATIONS IN THE HRC-S GAIN | Proposal title |
| OBSERVER | Dr. CXC Calibration | Principal investigator |
| OBS_ID | 4328 | Observation id |
| SEQ_NUM | 290288 | Sequence number |
| RA_NOM | 332.06917700888 | Nominal RA |
| DEC_NOM | 45.730528142409 | Nominal Dec |
| ROLL_NOM | 190.17199955961 | Nominal Roll |

# Chandra X-ray Center

Seq Num: 290288

Instrument: HRC

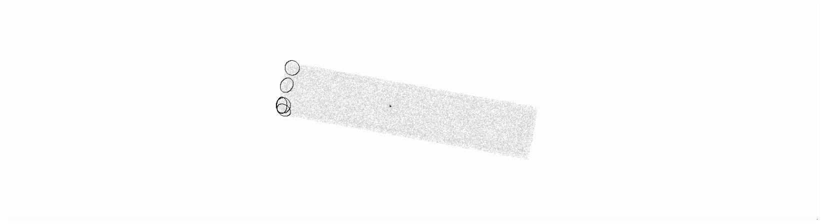
Obs ID: 4328

Source: ARLAC

PI: Dr. CXC Calibration

Title: AO4B CALIBRATION OBSERVATIONS TO MONITOR SPATIAL VARIATIONS IN THE HRC-S GAIN

Full Field with Sources



| List of the Brighest Sources in the Field | | | | |
|---|---|---|---|---|
| RA[deg] | DEC[deg] | NET_COUNTS[count] | NET_COUNTS_ERR[count] | SNR |
| 332.170121 | 45.742333 | 6136.000000 | 82.291550 | 74.564156 |
| 332.510061 | 45.732372 | 61.463394 | 16.668877 | 3.687315 |
| 332.511800 | 45.742739 | 72.875000 | 19.903757 | 3.661369 |
| 332.483881 | 45.825946 | 64.293747 | 18.533432 | 3.469069 |
| 332.516191 | 45.742946 | 60.970100 | 17.833942 | 3.418767 |
| 332.500975 | 45.787567 | 61.155357 | 18.158268 | 3.367907 |