# Chandra X-ray Center

Seq Num: 290312

Instrument: HRC

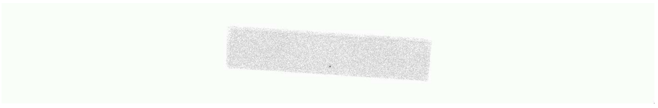
Obs ID: 4352

Source: ARLAC

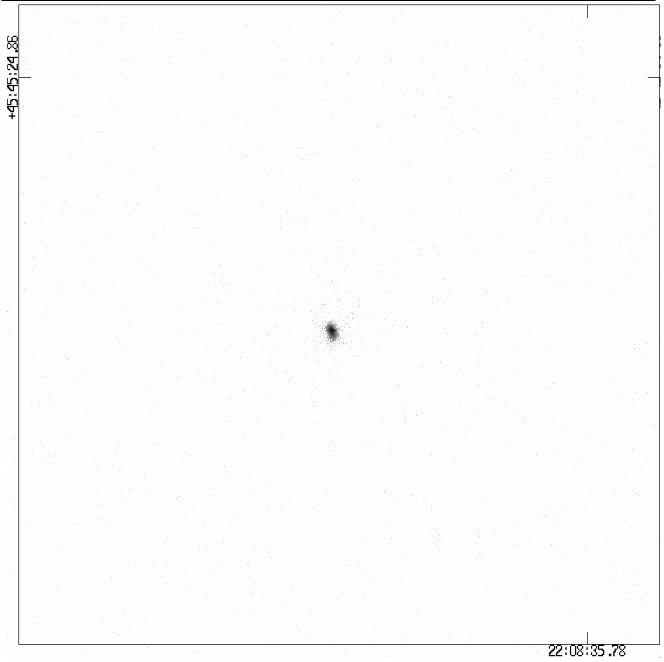
PI: Dr. CXC Calibration

Title: AO4A CALIBRATION OBSERVATIONS TO MONITOR SPATIAL VARIATIONS IN THE HRC-S GAIN

hrcf04352N002 full img2.fits



hrcf04352N002 cntr img2.fits



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| Level 1 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.8 | Processing system revision |
| DATE | 2006-07-27T21:59:07 | Date and time of file creation |
| DATE-OBS | 2003-02-22T09:00:19 | Observation start date |
| DATE-END | 2003-02-22T09:26:05 | Observation end date |
| RA_PNT | 332.22088009853 | Pointing RA |
| DEC_PNT | 45.777061146946 | Pointing Dec |
| ROLL_PNT | 3.6576889638107 | 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 | 2006-07-27T22:40:37 | Date and time of file creation |
| DATE-OBS | 2003-02-22T09:00:19 | Observation start date |
| DATE-END | 2003-02-22T09:26:05 | Observation end date |
| INSTRUME | HRC | Instrument |
| DETNAM | HRC-S | Detector |
| GRATING | NONE | Grating |
| OBJECT | ARLAC | Source name |
| TITLE | AO4A CALIBRATION OBSERVATIONS TO MONITOR SPATIAL VARIATIONS IN THE HRC-S GAIN | Proposal title |
| OBSERVER | Dr. CXC Calibration | Principal investigator |
| OBS_ID | 4352 | Observation id |
| SEQ_NUM | 290312 | Sequence number |
| RA_NOM | 332.22088009853 | Nominal RA |
| DEC_NOM | 45.777061146946 | Nominal Dec |
| ROLL_NOM | 3.6576889638107 | Nominal Roll |

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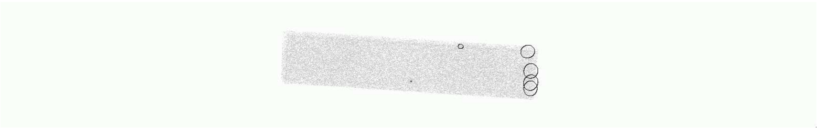
Full Field with Sources



| List of the Brighest Sources in the Field | | | | |
|---|---|---|---|---|
| RA[deg] | DEC[deg] | NET_COUNTS[count] | NET_COUNTS_ERR[count] | SNR |
| 332.170044 | 45.742326 | 5374.625000 | 75.617073 | 71.076874 |
| 331.787827 | 45.738152 | 100.650002 | 21.984947 | 4.578133 |
| 331.787197 | 45.764175 | 90.618752 | 23.330185 | 3.884185 |
| 331.788666 | 45.725351 | 70.207146 | 20.446419 | 3.433713 |
| 331.796881 | 45.807407 | 66.847321 | 19.688749 | 3.395204 |
| 332.011586 | 45.819573 | 30.462500 | 9.621736 | 3.166009 |