# Chandra X-ray Center

Seq Num: 290519

Instrument: HRC

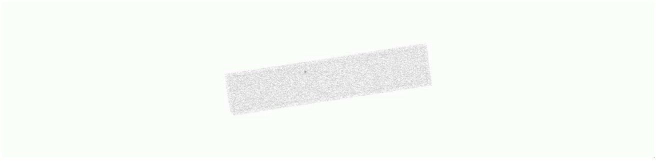
Obs ID: 6027

Source: ArLac

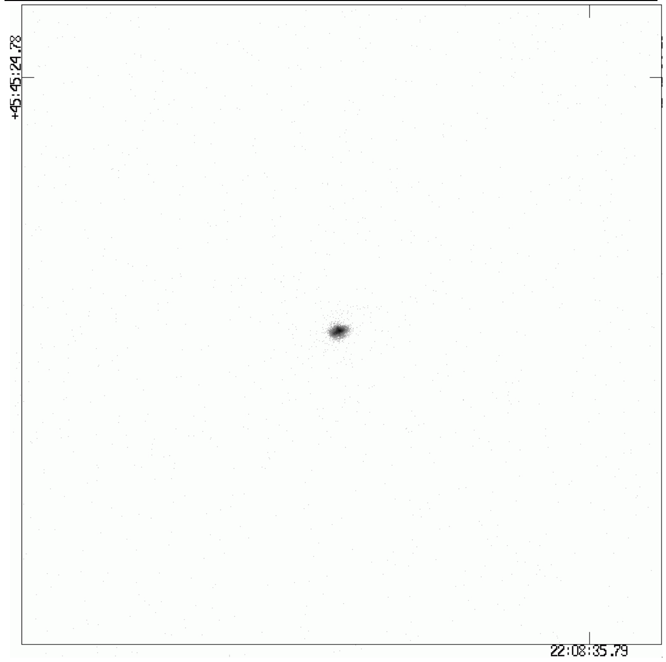
PI: Dr. CXC Calibration

Title: AO6A Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain

hrcf06027N002 full img2.fits



hrcf06027N002 cntr img2.fits



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| Level 1 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.7 | Processing system revision |
| DATE | 2006-02-22T21:33:19 | Date and time of file creation |
| DATE-OBS | 2005-02-10T13:54:56 | Observation start date |
| DATE-END | 2005-02-10T14:20:06 | Observation end date |
| RA_PNT | 332.12156411094 | Pointing RA |
| DEC_PNT | 45.713676722252 | Pointing Dec |
| ROLL_PNT | 351.2996435614 | 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 | 7.6.7 | Processing system revision |
| DATE | 2006-02-22T22:06:30 | Date and time of file creation |
| DATE-OBS | 2005-02-10T13:54:56 | Observation start date |
| DATE-END | 2005-02-10T14:20:06 | Observation end date |
| INSTRUME | HRC | Instrument |
| DETNAM | HRC-S | Detector |
| GRATING | NONE | Grating |
| OBJECT | ArLac | Source name |
| TITLE | AO6A Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain | Proposal title |
| OBSERVER | Dr. CXC Calibration | Principal investigator |
| OBS_ID | 6027 | Observation id |
| SEQ_NUM | 290519 | Sequence number |
| RA_NOM | 332.12156411094 | Nominal RA |
| DEC_NOM | 45.713676722252 | Nominal Dec |
| ROLL_NOM | 351.2996435614 | Nominal Roll |

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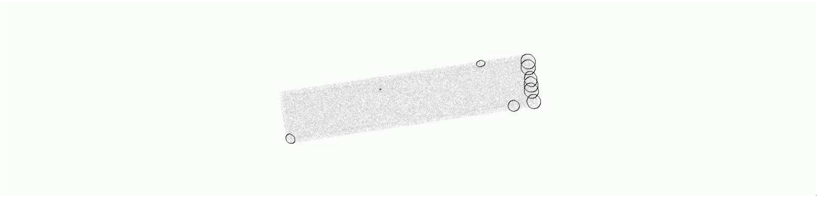
## Full Field with Sources



| List of the Brighest Sources in the Field | | | | |
|---|---|---|---|---|
| RA[deg] | DEC[deg] | NET_COUNTS[count] | NET_COUNTS_ERR[count] | SNR |
| 332.169731 | 45.742332 | 5075.428711 | 78.858742 | 64.361015 |
| 331.679882 | 45.714172 | 107.850891 | 18.892788 | 5.708575 |
| 331.688456 | 45.751966 | 101.542854 | 20.049639 | 5.064573 |
| 331.697477 | 45.803496 | 98.764282 | 20.384750 | 4.845008 |
| 331.687581 | 45.738301 | 93.456253 | 21.478666 | 4.351120 |
| 331.743937 | 45.704640 | 60.050220 | 16.322969 | 3.678878 |
| 331.849397 | 45.799202 | 31.553572 | 9.813931 | 3.215182 |
| 331.697042 | 45.790443 | 67.650002 | 21.171734 | 3.195298 |
| 331.689217 | 45.764340 | 61.847321 | 19.552328 | 3.163169 |
| 332.457206 | 45.631077 | 39.333332 | 12.648638 | 3.109689 |