# Chandra X-ray Center

Seq Num: 800418

Instrument: ACIS

Obs ID: 4973

Source: Abell 3921

PI: Ms. Chiara Ferrari

Title: High resolution observations of the merging cluster Abell 3921

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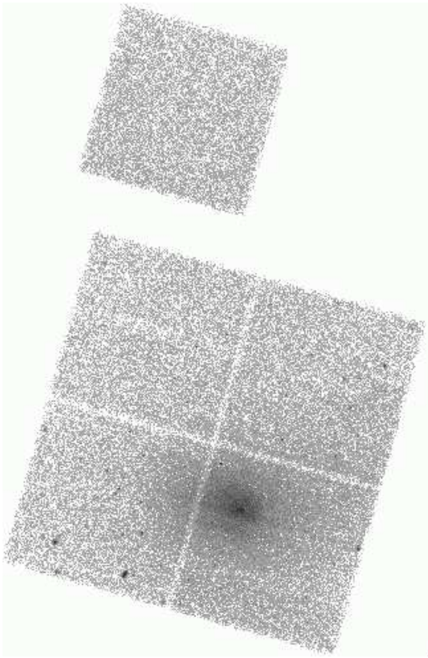
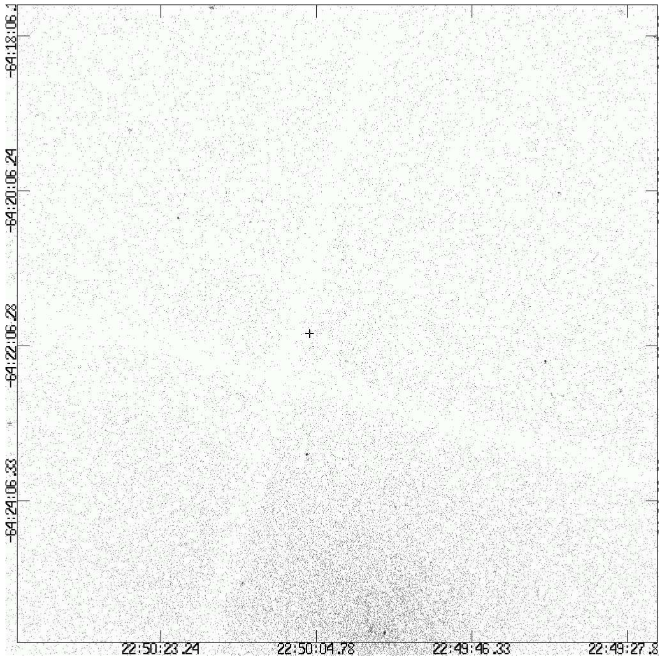
acisf04973N002 full img2.fits



acisf04973N002 cntr img2.fits



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| Level 1 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.7.2 | ASCDS version number |
| DATE | 2006-04-25T01:37:39 | Date and time of file creation |
| DATE-OBS | 2004-08-20T15:22:34 | Observation start date |
| DATE-END | 2004-08-21T00:09:56 | Observation end date |
| RA_PNT | 342.52309430712 | Pointing RA |
| DEC_PNT | -64.365861295084 | Pointing Dec |
| ROLL_PNT | 15.585480237096 | Pointing Roll |
| RA_TARG | 342.5125 | Observer's specified target RA |
| DEC_TARG | -64.365278 | Observer's specified target Dec |
| DATAMODE | VFAINT | Data mode |
| READMODE | TIMED | Read mode |
| FP_TEMP | 153.4460144 | Focal Plane Temperature [K] |
| FSW_VERS | 31 | ACIS flight software version number |

| Level 2 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.7.2 | ASCDS version number |
| DATE | 2006-04-25T02:22:04 | Date and time of file creation |
| DATE-OBS | 2004-08-20T15:22:34 | Observation start date |
| DATE-END | 2004-08-21T00:09:56 | Observation end date |
| INSTRUME | ACIS | Instrument |
| DETNAM | ACIS-01236 | Detector |
| GRATING | NONE | Grating |
| OBJECT | Abell 3921 | Source name |
| TITLE | High resolution observations of the merging cluster Abell 3921 | Pro |
| OBSERVER | Ms. Chiara Ferrari | Principal investigator |
| OBS_ID | 4973 | Observation id |
| SEQ_NUM | 800418 | Sequence number |
| RA_NOM | 342.52309430712 | Nominal RA |
| DEC_NOM | -64.365861295084 | Nominal Dec |
| ROLL_NOM | 15.585480237096 | Nominal Roll |

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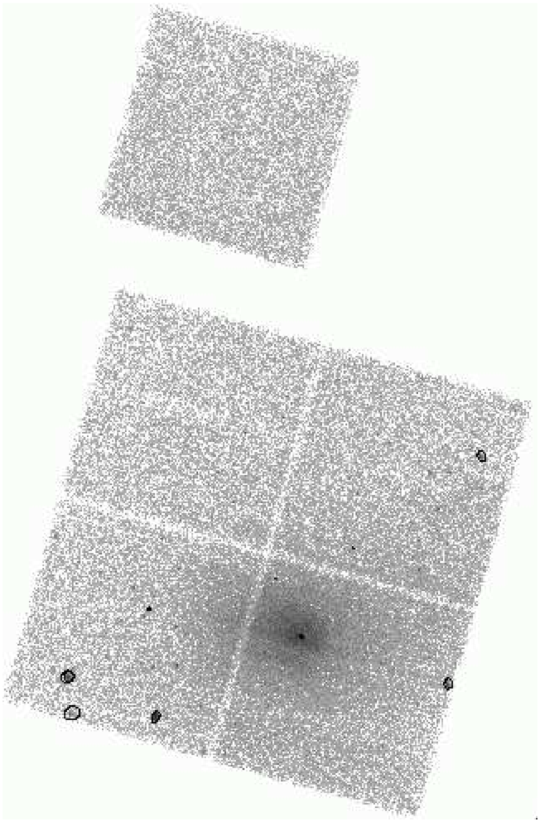
Full Field with Sources



| List of the Brighest Sources in the Field | | | | |
|---|---|---|---|---|
| RA[deg] | DEC[deg] | NET_COUNTS[count] | NET_COUNTS_ERR[count] | SNR |
| 342.709253 | -64.483419 | 254.125000 | 21.083363 | 12.053344 |
| 342.842200 | -64.456574 | 156.514999 | 16.776339 | 9.329509 |
| 342.261142 | -64.461360 | 107.909088 | 13.596522 | 7.936521 |
| 342.211929 | -64.311245 | 84.431816 | 12.124126 | 6.963951 |
| 342.524400 | -64.391831 | 62.428570 | 9.728764 | 6.416907 |
| 342.843888 | -64.456594 | 107.482758 | 17.110514 | 6.281679 |
| 342.837919 | -64.480827 | 79.625000 | 13.118042 | 6.069884 |
| 342.406106 | -64.371789 | 53.238636 | 8.951102 | 5.947719 |
| 342.718829 | -64.412360 | 49.397728 | 8.962740 | 5.511454 |
| 342.485434 | -64.430343 | 80.285713 | 15.055715 | 5.332574 |