# Chandra X-ray Center

Seq Num: 500050

Instrument: ACIS

Obs ID: 754

Source: G320.4-1.2

PI: Professor Victoria Kaspi

Title: AXAF OBSERVATIONS OF THE YOUNG, ENERGETIC RADIO PULSAR PSR B1509-58

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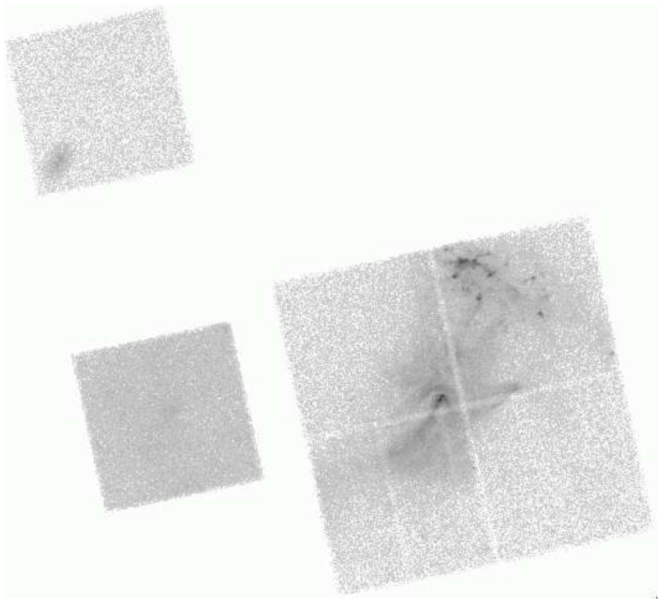
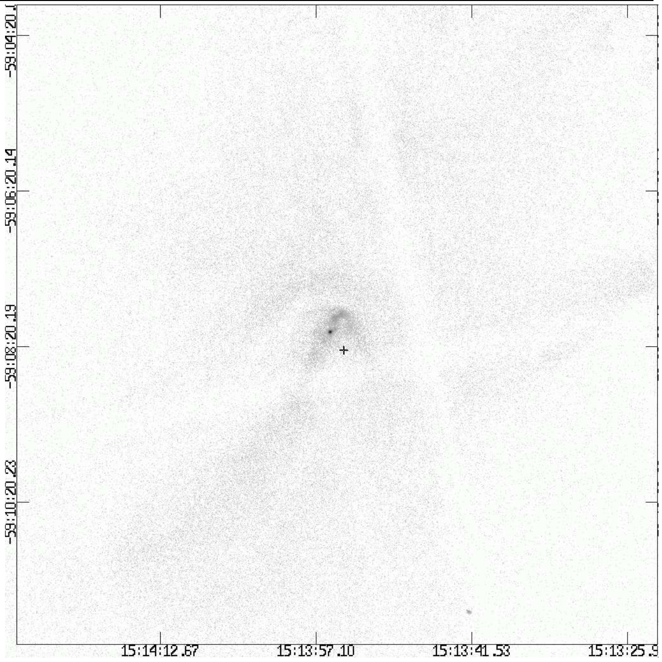
acisf00754N003 full img2.fits



acisf00754N003 cntr img2.fits



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| Level 1 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.10 | ASCDS version number |
| DATE | 2007-06-02T11:19:36 | Date and time of file creation |
| DATE-OBS | 2000-08-14T13:32:51 | Observation start date |
| DATE-END | 2000-08-14T19:24:06 | Observation end date |
| RA_PNT | 228.47618350135 | Pointing RA |
| DEC_PNT | -59.139818345073 | Pointing Dec |
| ROLL_PNT | 257.86541596971 | Pointing Roll |
| RA_TARG | 228.481667 | Observer's specified target RA |
| DEC_TARG | -59.135806 | Observer's specified target Dec |
| DATAMODE | FAINT | Data mode |
| READMODE | TIMED | Read mode |
| FP_TEMP | 153.2848053 | Focal Plane Temperature [K] |
| FSW_VERS | 30 | ACIS flight software version number |

| Level 2 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.10 | ASCDS version number |
| DATE | 2007-06-02T11:37:48 | Date and time of file creation |
| DATE-OBS | 2000-08-14T13:32:51 | Observation start date |
| DATE-END | 2000-08-14T19:24:06 | Observation end date |
| INSTRUME | ACIS | Instrument |
| DETNAM | ACIS-012379 | Detector |
| GRATING | NONE | Grating |
| OBJECT | G320.4-1.2 | Source name |
| TITLE | AXAF OBSERVATIONS OF THE YOUNG, ENERGETIC RADIO PULSAR PSR B1509-58 | |
| OBSERVER | Professor Victoria Kaspi | Principal investigator |
| OBS_ID | 754 | Observation id |
| SEQ_NUM | 500050 | Sequence number |
| RA_NOM | 228.47618350135 | Nominal RA |
| DEC_NOM | -59.139818345073 | Nominal Dec |
| ROLL_NOM | 257.86541596971 | Nominal Roll |

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Instrument: ACIS Obs ID: 754

Source: G320.4-1.2 PI: Professor Victoria Kaspi

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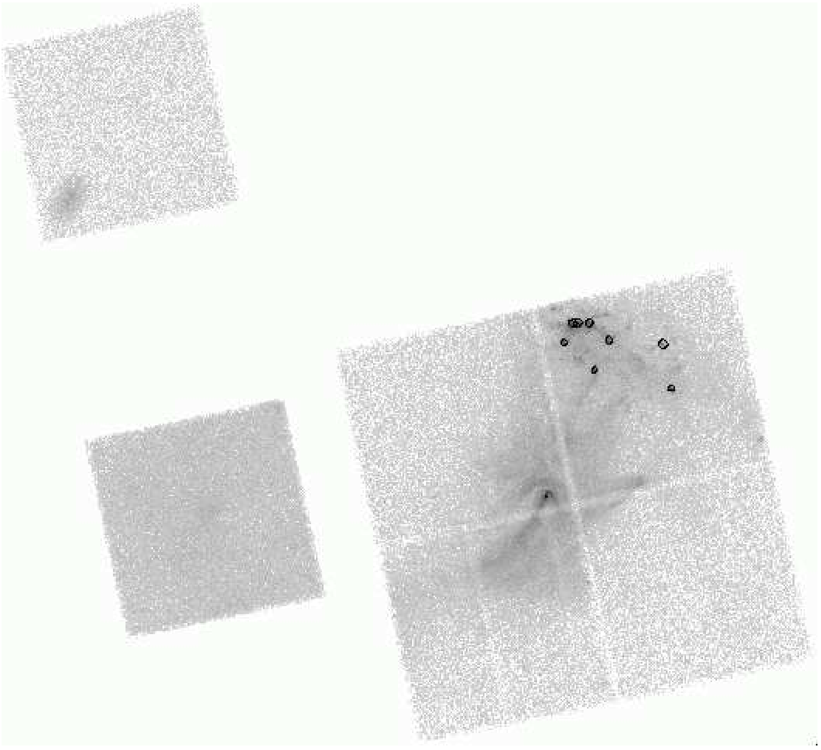
Full Field with Sources



| List of the Brighest Sources in the Field | | | | |
|---|---|---|---|---|
| RA[deg] | DEC[deg] | NET_COUNTS[count] | NET_COUNTS_ERR[count] | SNR |
| 228.481717 | -59.135890 | 2906.714355 | 64.193329 | 45.280632 |
| 228.444883 | -59.013256 | 992.068176 | 55.252968 | 17.955021 |
| 228.422575 | -59.012810 | 762.625000 | 43.881943 | 17.379017 |
| 228.422871 | -59.012953 | 687.227295 | 42.220291 | 16.277180 |
| 228.457064 | -59.026700 | 578.017517 | 36.252636 | 15.944151 |
| 228.310007 | -59.059067 | 417.096558 | 28.429052 | 14.671491 |
| 228.321354 | -59.027920 | 352.272736 | 24.475605 | 14.392810 |
| 228.395592 | -59.025109 | 513.468994 | 36.357925 | 14.122614 |
| 228.438130 | -59.013046 | 640.045471 | 49.634632 | 12.895138 |
| 228.415454 | -59.046378 | 371.352264 | 30.821714 | 12.048398 |