# Chandra X-ray Center

Seq Num: 600307

Instrument: ACIS

Obs ID: 3933

Source: NGC 5204 X-1

PI: Dr Timothy Roberts

Title: PROBING THE SPECTRAL VARIABILITY OF THE ULTRALUMINOUS X-RAY SOURCE NGC 5204 X-1

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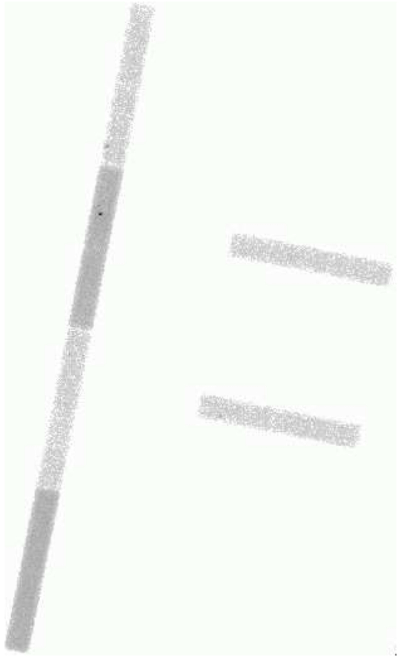
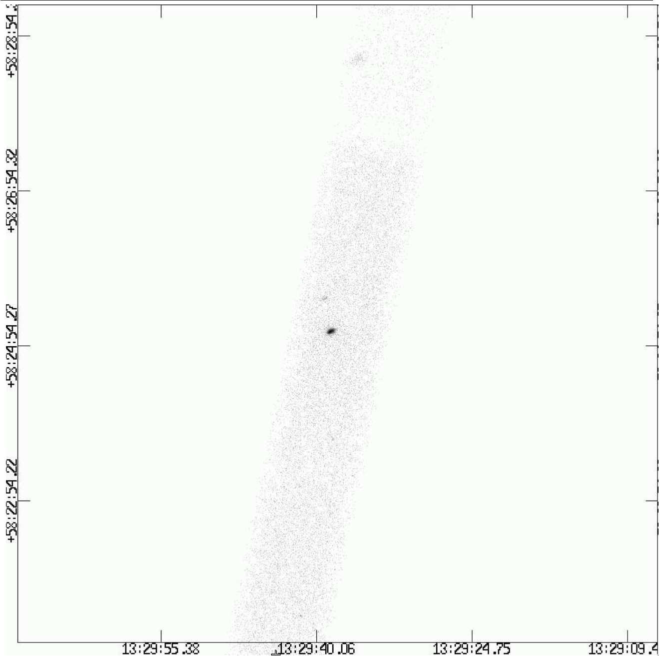
acisf03933N003 full img2.fits



acisf03933N003 cntr img2.fits



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| Level 1 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.9 | ASCDS version number |
| DATE | 2006-10-10T21:32:25 | Date and time of file creation |
| DATE-OBS | 2003-08-06T05:58:27 | Observation start date |
| DATE-END | 2003-08-06T19:56:44 | Observation end date |
| RA_PNT | 202.43353943809 | Pointing RA |
| DEC_PNT | 58.348649530478 | Pointing Dec |
| ROLL_PNT | 281.1929459731 | Pointing Roll |
| RA_TARG | 202.410833 | Observer's specified target RA |
| DEC_TARG | 58.418333 | Observer's specified target Dec |
| DATAMODE | FAINT | Data mode |
| READMODE | TIMED | Read mode |
| FP_TEMP | 153.4460144 | Focal Plane Temperature [K] |
| FSW_VERS | 30 | ACIS flight software version number |

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| Level 2 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.9 | ASCDS version number |
| DATE | 2006-10-10T23:56:30 | Date and time of file creation |
| DATE-OBS | 2003-08-06T05:58:27 | Observation start date |
| DATE-END | 2003-08-06T19:56:44 | Observation end date |
| INSTRUME | ACIS | Instrument |
| DETNAM | ACIS-235678 | Detector |
| GRATING | NONE | Grating |
| OBJECT | NGC 5204 X-1 | Source name |
| TITLE | PROBING THE SPECTRAL VARIABILITY OF THE ULTRALUMINOUS X-RAY SOURCE NGC 5204 X-1 | Proposal title |
| OBSERVER | Dr Timothy Roberts | Principal investigator |
| OBS_ID | 3933 | Observation id |
| SEQ_NUM | 600307 | Sequence number |
| RA_NOM | 202.43353943809 | Nominal RA |
| DEC_NOM | 58.348649530478 | Nominal Dec |
| ROLL_NOM | 281.1929459731 | Nominal Roll |

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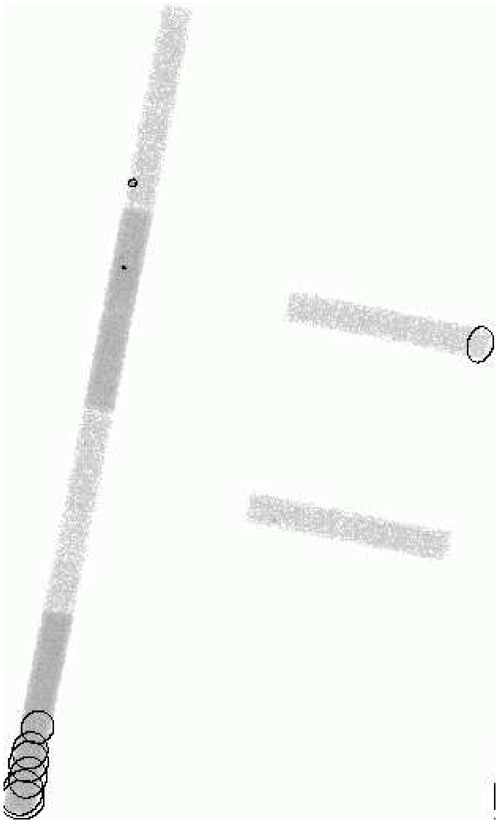
Full Field with Sources



| List of the Brighest Sources in the Field | | | | |
|---|---|---|---|---|
| RA[deg] | DEC[deg] | NET_COUNTS[count] | NET_COUNTS_ERR[count] | SNR |
| 202.410864 | 58.418228 | 9538.428711 | 103.084503 | 92.530190 |
| 202.544857 | 58.048969 | 1716.029907 | 60.829727 | 28.210382 |
| 202.545080 | 58.054047 | 1411.320557 | 67.294640 | 20.972258 |
| 202.536641 | 58.075374 | 1023.958313 | 67.351128 | 15.203283 |
| 202.537716 | 58.064603 | 992.916687 | 65.955307 | 15.054386 |
| 202.534748 | 58.083284 | 799.306824 | 61.785862 | 12.936727 |
| 202.524995 | 58.099411 | 448.399994 | 57.510880 | 7.796786 |
| 202.399307 | 58.476946 | 114.500000 | 15.250756 | 7.507824 |
| 202.399830 | 58.476749 | 103.022728 | 14.406044 | 7.151354 |
| 201.940636 | 58.363690 | 150.977280 | 21.248589 | 7.105285 |