# Chandra X-ray Center

Seq Num: 800473

Instrument: ACIS

Obs ID: 5760

Source: cl0216-1747

PI: Dr Alexey Vikhlinin

Title: DARK ENERGY WITH X-RAY CLUSTERS: CHANDRA OBSERVATIONS OF 41 HIGH-REDSHIFT CLUSTERS FROM THE 400 deg$\hat{2}$ ROSAT PSPC SURVEY

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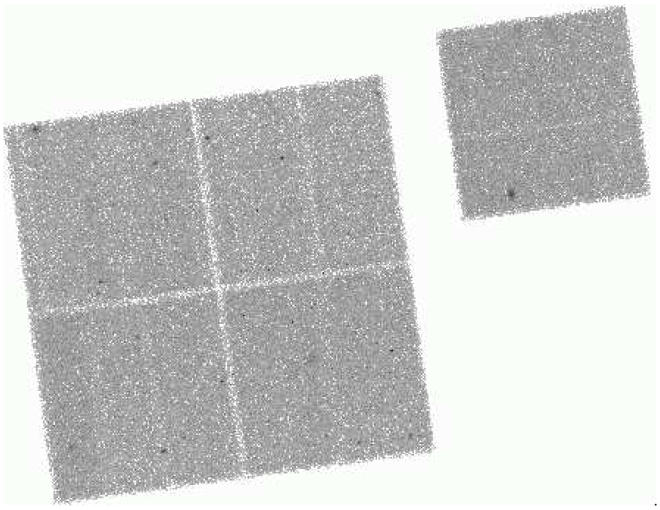
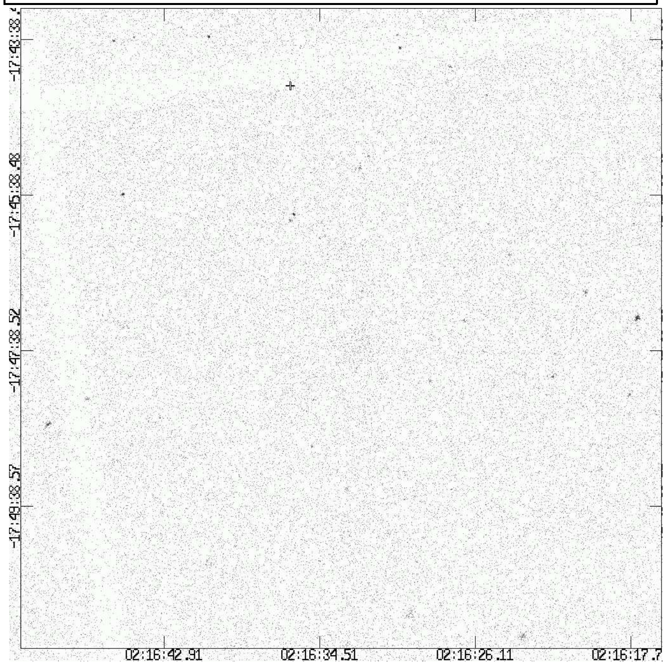
acisf05760N003 full img2.fits



acisf05760N003 cntr img2.fits



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| Level 1 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.11.10 | ASCDS version number |
| DATE | 2009-01-14T05:08:09 | Date and time of file creation |
| DATE-OBS | 2005-09-07T13:50:23 | Observation start date |
| DATE-END | 2005-09-08T01:59:22 | Observation end date |
| RA_PNT | 34.15030985044 | Pointing RA |
| DEC_PNT | -17.737352756396 | Pointing Dec |
| ROLL_PNT | 82.117005749933 | Pointing Roll |
| RA_TARG | 34.140417 | Observer's specified target RA |
| DEC_TARG | -17.790833 | Observer's specified target Dec |
| DATAMODE | VFAINT | Data mode |
| READMODE | TIMED | Read mode |
| FP_TEMP | 153.60722351 | Focal Plane Temperature [K] |
| FSW_VERS | 31 | ACIS flight software version number |

| Level 2 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.11.10 | ASCDS version number |
| DATE | 2009-01-14T07:34:13 | Date and time of file creation |
| DATE-OBS | 2005-09-07T13:50:23 | Observation start date |
| DATE-END | 2005-09-08T01:59:22 | Observation end date |
| INSTRUME | ACIS | Instrument |
| DETNAM | ACIS-01236 | Detector |
| GRATING | NONE | Grating |
| OBJECT | cl0216-1747 | Source name |
| TITLE | DARK ENERGY WITH X-RAY CLUSTERS: CHANDRA OBSERVA- TIONS OF 41 HIGH-REDSHIFT CLUSTERS FROM THE 400 deg2̂ ROSAT PSPC SURVEY | Proposal titl |
| OBSERVER | Dr Alexey Vikhlinin | Principal investigator |
| OBS_ID | 5760 | Observation id |
| SEQ_NUM | 800473 | Sequence number |
| RA_NOM | 34.15030985044 | Nominal RA |
| DEC_NOM | -17.737352756396 | Nominal Dec |
| ROLL_NOM | 82.117005749933 | Nominal Roll |



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| List of the Brighest Sources in the Field | | | | |
|---|---|---|---|---|
| RA[deg] | DEC[deg] | NET_COUNTS[count] | NET_COUNTS_ERR[count] | SNR |
| 34.350758 | -17.623035 | 312.716766 | 28.315470 | 11.044025 |
| 34.072151 | -17.787060 | 174.166672 | 16.069159 | 10.838568 |
| 34.158132 | -17.643477 | 153.750000 | 15.178689 | 10.129333 |
| 33.978234 | -17.670524 | 280.159088 | 28.759886 | 9.741315 |
| 33.979776 | -17.669739 | 253.475861 | 27.434450 | 9.239327 |
| 34.177534 | -17.682334 | 114.556816 | 12.527913 | 9.144126 |
| 34.250577 | -17.861657 | 166.747498 | 19.020233 | 8.766848 |
| 33.898042 | -17.541362 | 307.511627 | 36.107330 | 8.516599 |
| 34.216098 | -17.628158 | 131.340912 | 15.685341 | 8.373481 |
| 34.187946 | -17.760516 | 88.142860 | 11.281209 | 7.813246 |

Full Field with Sources