# Chandra X-ray Center

Seq Num: 700277
Obs ID: 2087
PI: Dr. Tahir Yaqoob

Instrument: ACIS
Source: MKN 509
Grating: HETG

Title: SIMULTANEOUS HST AND CHANDRA OBSERVATIONS OF THE X-RAY/UV ABSORBERS IN SEYFERT 1 GALAXIES

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| acisf02087N002 full img2.fits | acisf02087N002 cntr img2.fits |
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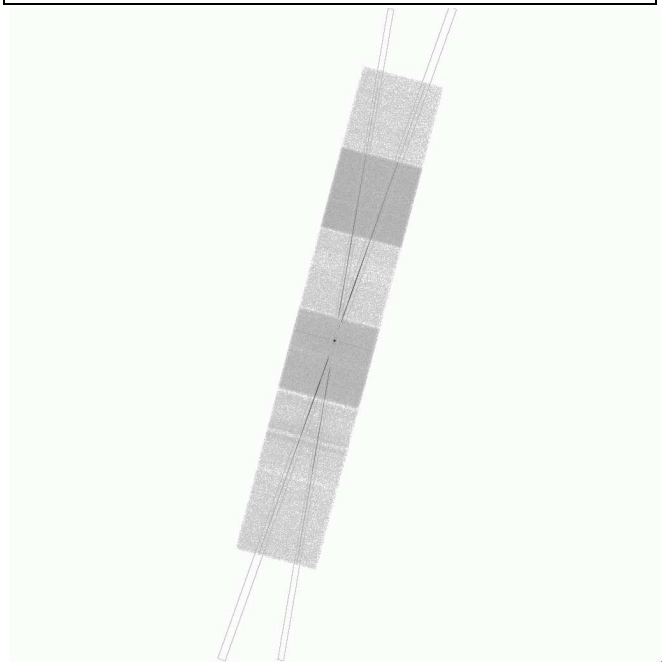
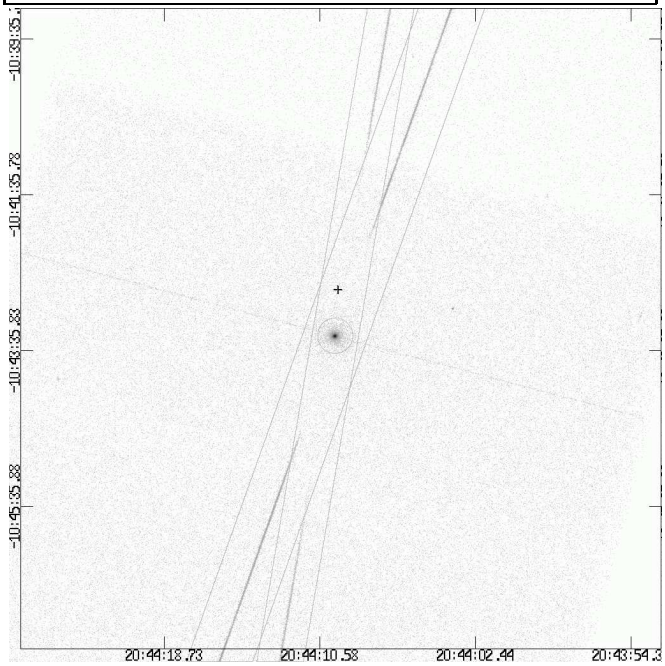
|  |  |

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| Level 1 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.9 | ASCDS version number |
| DATE | 2006-11-14T20:48:07 | Date and time of file creation |
| DATE-OBS | 2001-04-13T08:01:31 | Observation start date |
| DATE-END | 2001-04-14T00:47:24 | Observation end date |
| RA_PNT | 311.04004312519 | Pointing RA |
| DEC_PNT | -10.713659910535 | Pointing Dec |
| ROLL_PNT | 104.82264976863 | Pointing Roll |
| RA_TARG | 311.040833 | Observer's specified target RA |
| DEC_TARG | -10.723417 | 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 | 7.6.9 | ASCDS version number |
| DATE | 2006-11-14T21:10:49 | Date and time of file creation |
| DATE-OBS | 2001-04-13T08:01:31 | Observation start date |
| DATE-END | 2001-04-14T00:47:24 | Observation end date |
| INSTRUME | ACIS | Instrument |
| DETNAM | ACIS-456789 | Detector |
| GRATING | HETG | Grating |
| OBJECT | MKN 509 | Source name |
| TITLE | SIMULTANEOUS HST AND CHANDRA OBSERVATIONS OF THE X-RAY/UV ABSORBERS IN SEYFERT 1 GALAXIES | Proposal title |
| OBSERVER | Dr. Tahir Yaqoob | Principal investigator |
| OBS_ID | 2087 | Observation id |
| SEQ_NUM | 700277 | Sequence number |
| RA_NOM | 311.04004312519 | Nominal RA |
| DEC_NOM | -10.713659910535 | Nominal Dec |
| ROLL_NOM | 104.82264976863 | Nominal Roll |

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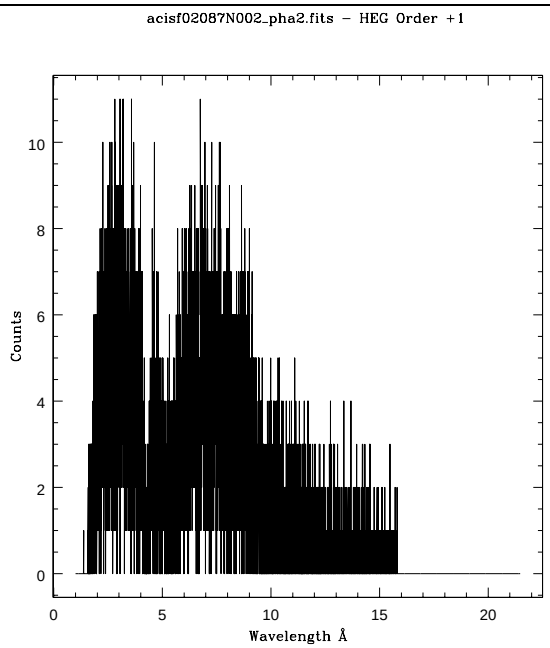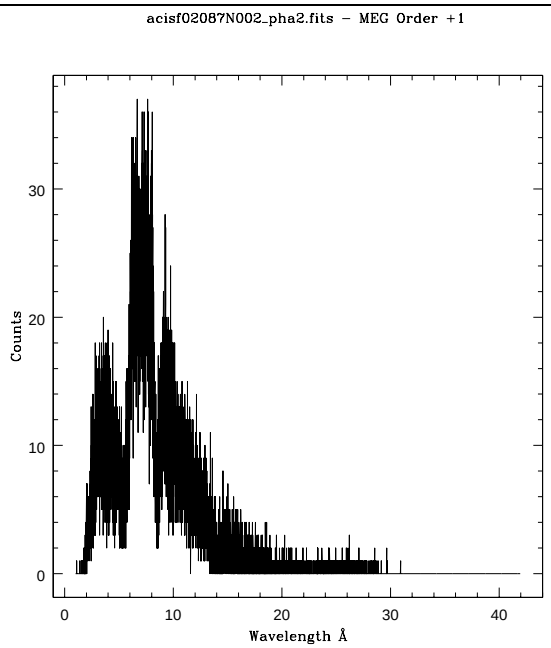
| HEG +1 Order | MEG +1 Order |
|---|---|