# Chandra X-ray Center

Seq Num: 500221

Instrument: ACIS

Obs ID: 2771

Source: RX J0720.4-3125

PI: Prof. Shrinivas Kulkarni

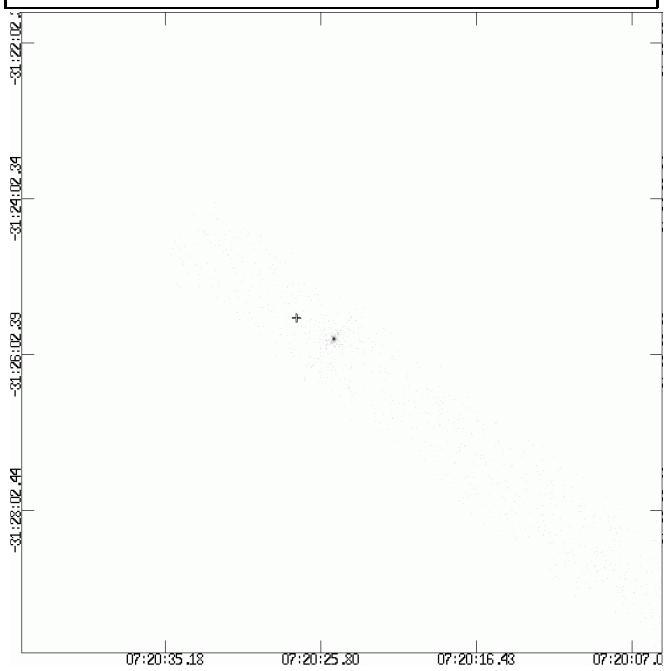
Title: IS THE NEARBY ISOLATED NEUTRON STAR RX J0720.4-3125 A MAGNETAR?

---

---

acisf02771N002 full img2.fits

acisf02771N002 cntr img2.fits



Chandra X-ray Center
Seq Num: 500221
Instrument: ACIS
Obs ID: 2771
Source: RX J0720.4-3125
PI: Prof. Shrinivas Kulkarni
Title: IS THE NEARBY ISOLATED NEUTRON STAR RX J0720.4-3125 A MAGNETAR?

| Level 1 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.10 | ASCDS version number |
| DATE | 2007-01-20T14:07:15 | Date and time of file creation |
| DATE-OBS | 2001-12-06T15:37:59 | Observation start date |
| DATE-END | 2001-12-06T16:25:39 | Observation end date |
| RA_PNT | 110.11352880237 | Pointing RA |
| DEC_PNT | -31.426210321838 | Pointing Dec |
| ROLL_PNT | 38.03477361412 | Pointing Roll |
| RA_TARG | 110.10375 | Observer's specified target RA |
| DEC_TARG | -31.430806 | 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 | 2007-01-20T14:22:16 | Date and time of file creation |
| DATE-OBS | 2001-12-06T15:37:59 | Observation start date |
| DATE-END | 2001-12-06T16:25:39 | Observation end date |
| INSTRUME | ACIS | Instrument |
| DETNAM | ACIS-7 | Detector |
| GRATING | NONE | Grating |
| OBJECT | RX J0720.4-3125 | Source name |
| TITLE | IS THE NEARBY ISOLATED NEUTRON STAR RX J0720.4-3125 A MAGNETAR? | Pr |
| OBSERVER | Prof. Shrinivas Kulkarni | Principal investigator |
| OBS_ID | 2771 | Observation id |
| SEQ_NUM | 500221 | Sequence number |
| RA_NOM | 110.11352880237 | Nominal RA |
| DEC_NOM | -31.426210321838 | Nominal Dec |
| ROLL_NOM | 38.03477361412 | Nominal Roll |

Chandra X-ray Center
Seq Num: 500221
Instrument: ACIS
Obs ID: 2771
Source: RX J0720.4-3125
PI: Prof. Shrinivas Kulkarni
Title: IS THE NEARBY ISOLATED NEUTRON STAR RX J0720.4-3125 A MAGNETAR?

Full Field with Sources

| List of the Brighest Sources in the Field | | | | |
|---|---|---|---|---|
| RA[deg] | DEC[deg] | NET_COUNTS[count] | NET_COUNTS_ERR[count] | SNR |
| 110.104059 | -31.430631 | 2185.571533 | 49.906296 | 43.793503 |