Chandra X-ray Center

Seq Num: 800557

Instrument: ACIS

Obs ID: 6172

Source: MACS1621.6+3810

PI: Dr Steven Allen

Title: Probing dark energy using the X-ray gas mass fraction in dynamically relaxed galaxy clusters

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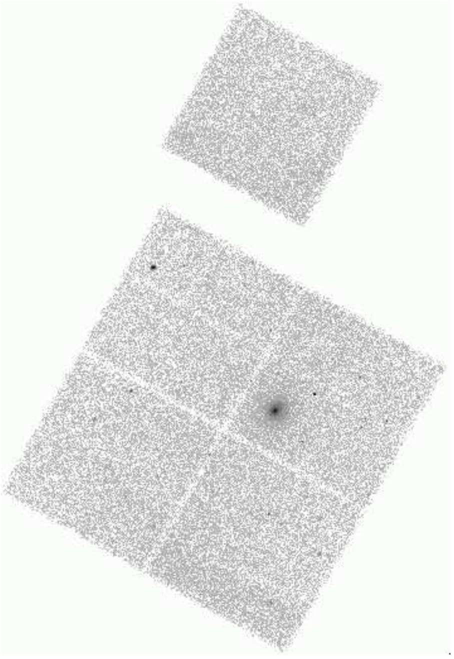
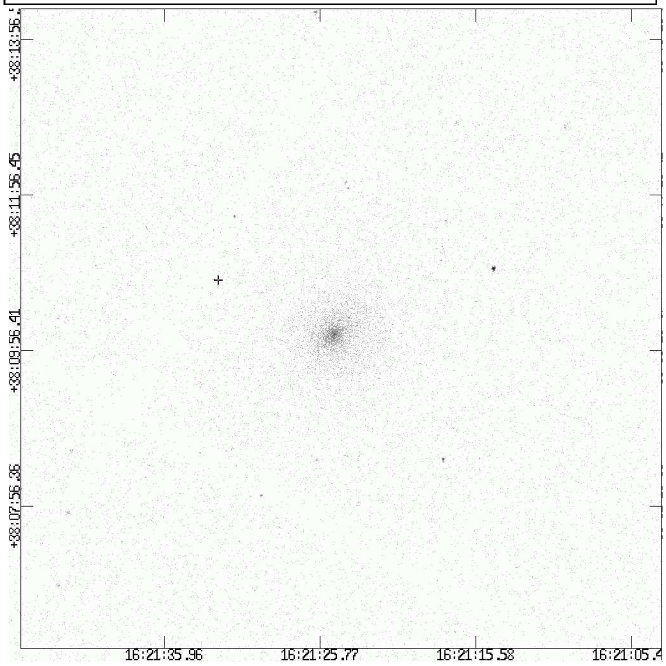
acisf06172N002 full img2.fits



acisf06172N002 cntr img2.fits



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Level 1 Observational Parameters		
Parameter	Value	Description
ASCDSVER	7.6.7.1	ASCDS version number
DATE	2006-04-07T14:33:35	Date and time of file creation
DATE-OBS	2004-12-25T21:46:30	Observation start date
DATE-END	2004-12-26T06:42:56	Observation end date
RA_PNT	245.38509116752	Pointing RA
DEC_PNT	38.18077974063	Pointing Dec
ROLL_PNT	29.4124551165	Pointing Roll
RA_TARG	245.353333	Observer's specified target RA
DEC_TARG	38.168889	Observer's specified target Dec
DATAMODE	VFAINT	Data mode
READMODE	TIMED	Read mode
FP_TEMP	153.4460144	Focal Plane Temperature [K]
FSW_VERS	31	ACIS flight software version number

Level 2 Observational Parameters		
Parameter	Value	Description
ASCDSVER	7.6.7.1	ASCDS version number
DATE	2006-04-07T16:11:33	Date and time of file creation
DATE-OBS	2004-12-25T21:46:30	Observation start date
DATE-END	2004-12-26T06:42:56	Observation end date
INSTRUME	ACIS	Instrument
DETNAM	ACIS-01236	Detector
GRATING	NONE	Grating
OBJECT	MACS1621.6+3810	Source name
TITLE	Probing dark energy using the X-ray gas mass fraction in dynamically relaxed galaxy clusters	Proposal title
OBSERVER	Dr Steven Allen	Principal investigator
OBS_ID	6172	Observation id
SEQ_NUM	800557	Sequence number
RA_NOM	245.38509116752	Nominal RA
DEC_NOM	38.18077974063	Nominal Dec
ROLL_NOM	29.4124551165	Nominal Roll

Chandra X-ray Center

Seq Num: 800557

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PI: Dr Steven Allen

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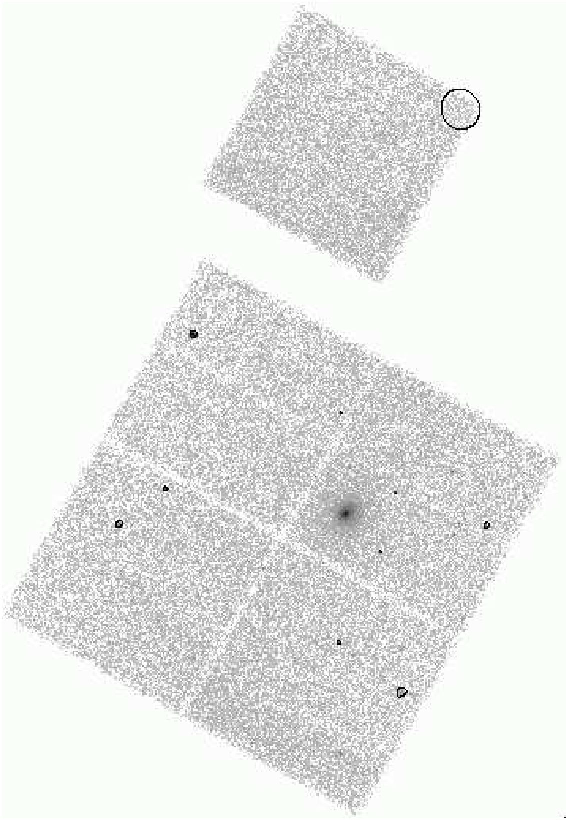
Full Field with Sources



List of the Brighest Sources in the Field				
RA[deg]	DEC[deg]	NET_COUNTS[count]	NET_COUNTS_ERR[count]	SNR
245.488281	38.292861	919.454529	33.117798	27.763153
245.309973	38.183275	467.715912	23.147743	20.205681
245.323718	38.142343	80.000000	10.132735	7.895203
245.512956	38.185969	99.431816	12.783990	7.777840
245.360307	38.079746	76.318184	10.406096	7.333988
245.305053	38.044828	63.034092	10.627178	5.931405
245.230140	38.160153	52.875000	9.865563	5.359552
245.553250	38.161484	56.458332	10.612468	5.320001
245.358464	38.238239	43.318180	8.434151	5.136045
245.252658	38.448656	91.958336	18.740206	4.907008