

V&V Reference Report

L2 ASCDS Version : 7.6.11.10

Observation 61532 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Feb 5 2009

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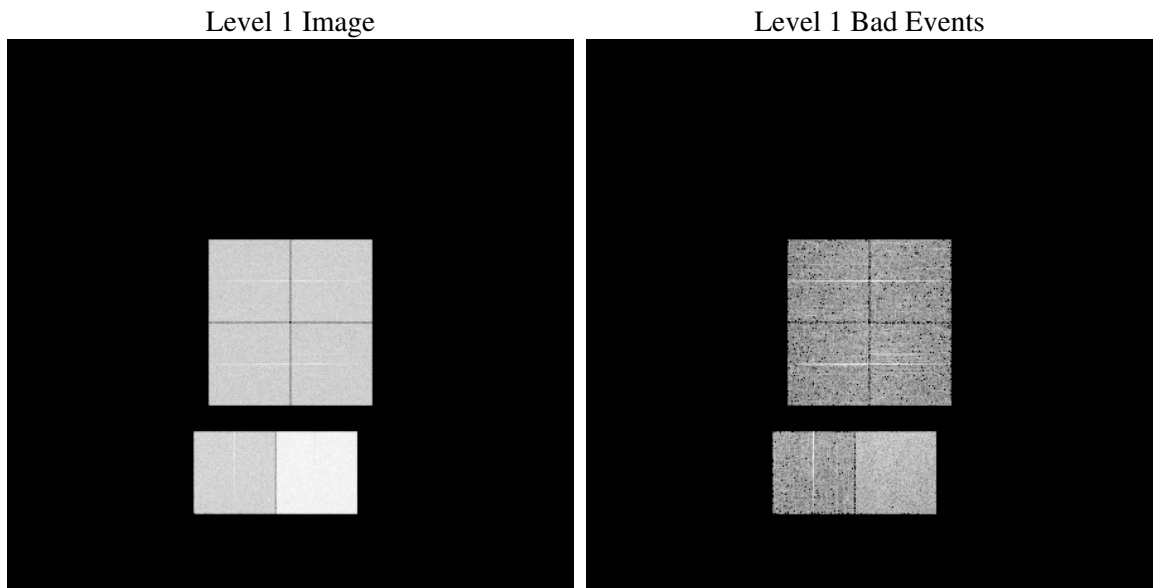
1 Front

seq_num	
obs_id	61532
title	ACIS-012367 diagnostics
observer	CHANDRA engineering request/realtime commanding
object	
dtcycle	0
cycle	P
ra_targ	0.0
dec_targ	0.0
ra_nom	349.97104015947
dec_nom	20.009075164134
roll_nom	128.82916949619
revision	4
ontime	6700.6932244301
livetime	6615.8450121493
ontime0	2610.5732565373
ontime1	2688.3582961112
ontime2	2555.4758956283
ontime3	2532.7885459065
ontime6	2811.5170281529
ontime7	6700.6932244301
l2events	1210832

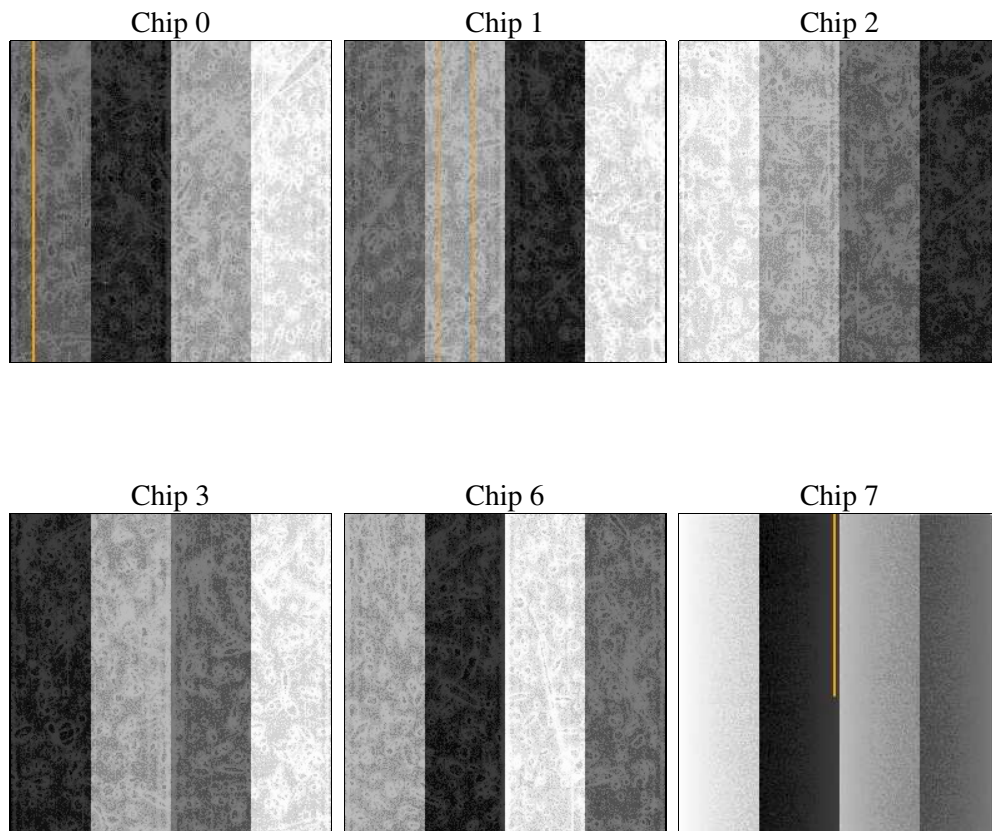
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.11.10
caldsver	3.5.1
date	2009-02-05T07:46:13
revision	4

sched_exp_time	7860
ontime	6700.6932244301
ontime0	2610.5732565373
ontime1	2688.3582961112
ontime2	2555.4758956283
ontime3	2532.7885459065
ontime6	2811.5170281529
ontime7	6700.6932244301
l1events	1425585

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	183715	189686	183568	183271	209117	476228
rejected events	22565	23391	23032	24746	25450	44685
rejected %	12%	12%	12%	13%	12%	9%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	89741	93471	90330	89650	101900	112068
	48%	49%	49%	48%	48%	23%
grade 1 events	495	488	475	473	518	325
	0%	0%	0%	0%	0%	0%
grade 2 events	28902	29895	28581	28456	32362	97474
	15%	15%	15%	15%	15%	20%
grade 3 events	10372	10795	10352	10056	11540	44988
	5%	5%	5%	5%	5%	9%
grade 4 events	10421	10685	10402	10153	11695	44544
	5%	5%	5%	5%	5%	9%
grade 5 events	1520	1523	1342	1445	1678	7802
	0%	0%	0%	0%	0%	1%
grade 6 events	24288	24694	23432	22733	29448	140417
	13%	13%	12%	12%	14%	29%
grade 7 events	17976	18135	18654	20305	19976	28610
	9%	9%	10%	11%	9%	6%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	OVERRIDE	OVERRIDE
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
Pointing RA	349.9710401594713	349.9710401594713	Subarray requested	NONE	NONE
Pointing Dec	20.00907516413427	20.00907516413427	Alternating exposures requested	N	N
Pointing Roll	128.8291694961886	128.8291694961886	Primary exposure time	3.2	3.2
SIM focus pos (mm)	-0.68282252473119	-0.68282252473119			
SIM defocus (mm)	0.8505140384245534	0.8505140384245534			
SIM translation stage pos (mm)	250.4660330802	250.4660330802			
SIM translation stage offset (mm)	-0.01005726120527584	-0.01005726120527584			
Observation start time	112392405.293	112392405.293			
Observation start date	2001-07-24T20:23:00	2001-07-24T20:06:45			
Observation end time	112401744.903599	112401744.903599			
Observation end date	2001-07-24T22:34:00	2001-07-24T22:42:24			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2009.02.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.70069322

A.2 Comments

This obsid was reprocessed to correct minor errors in parameters used in processing. Some of these parameters cannot be determined automatically for this observation and were derived from spacecraft telemetry.