

V&V Reference Report

L2 ASCDS Version : 7.6.11.10

Observation 61126 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Feb 5 2009

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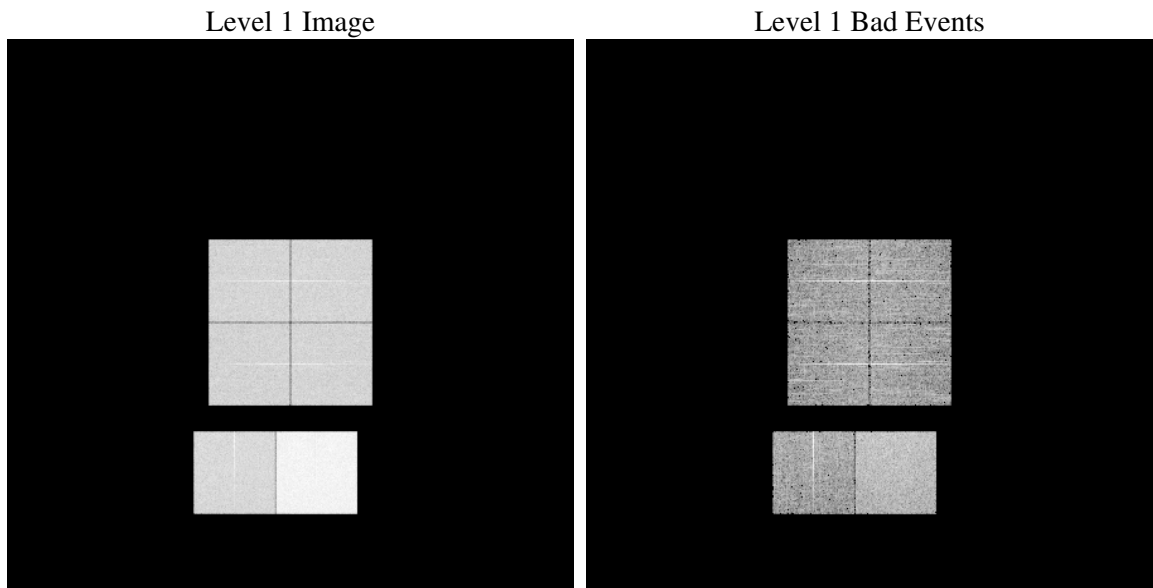
1 Front

seq_num	
obs_id	61126
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	270.73990561911
dec_nom	21.479215139379
roll_nom	211.32948126244
revision	3
ontime	7551.9999718666
livetime	7456.3720009544
ontime0	3413.2698221803
ontime1	3432.7164407074
ontime2	3219.9559543729
ontime3	3284.6120169461
ontime6	3628.3641586304
ontime7	7551.9999718666
l2events	1170709

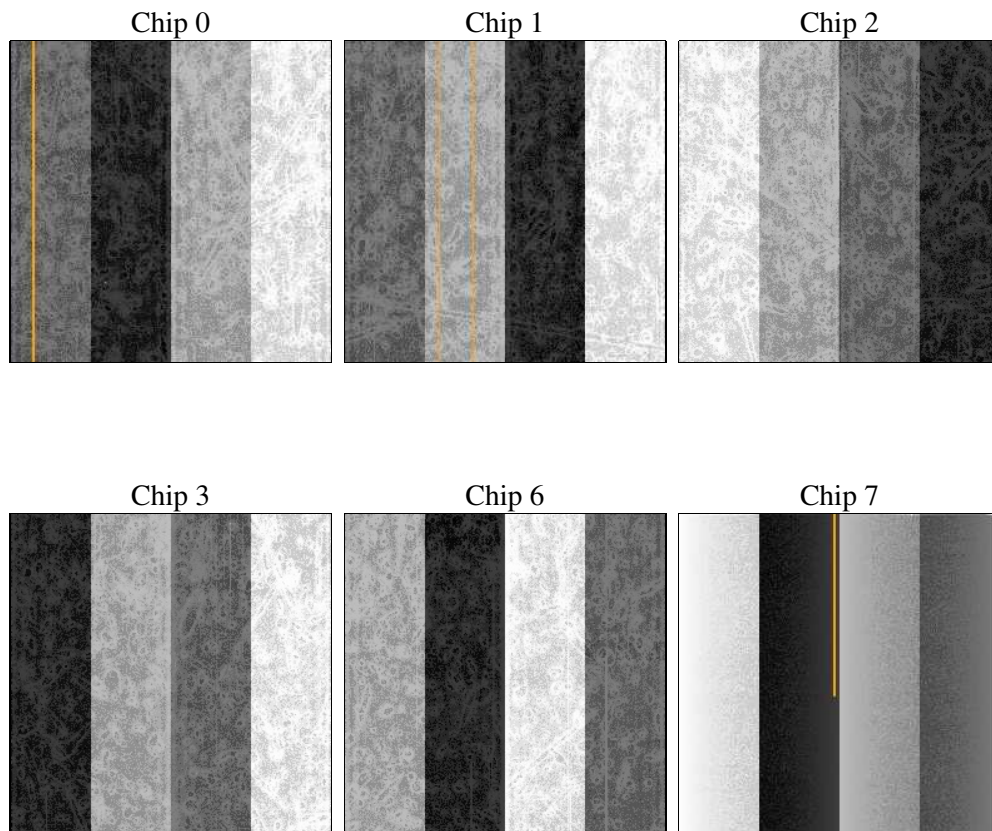
2 OBI

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	2009-02-05T06:17:18
revision	3

sched_exp_time	1380
ontime	7551.9999718666
ontime0	3413.2698221803
ontime1	3432.7164407074
ontime2	3219.9559543729
ontime3	3284.6120169461
ontime6	3628.3641586304
ontime7	7551.9999718666
l1events	1436736

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	196913	198622	188711	193090	218128	441272
rejected events	31150	32081	30645	31891	33481	55825
rejected %	15%	16%	16%	16%	15%	12%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	93949	94397	90774	92921	103329	100785
	47%	47%	48%	48%	47%	22%
grade 1 events	474	471	498	489	499	268
	0%	0%	0%	0%	0%	0%
grade 2 events	30205	30425	28680	29055	33447	88173
	15%	15%	15%	15%	15%	19%
grade 3 events	10873	10818	10277	10581	11769	40550
	5%	5%	5%	5%	5%	9%
grade 4 events	10905	10854	10178	10585	11990	40253
	5%	5%	5%	5%	5%	9%
grade 5 events	1755	1847	1597	1808	2003	8632
	0%	0%	0%	0%	0%	1%
grade 6 events	25006	25244	23207	23104	30037	128044
	12%	12%	12%	11%	13%	29%
grade 7 events	23746	24566	23500	24547	25054	34567
	12%	12%	12%	12%	11%	7%

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	270.7399056191126	270.7399056191126	Subarray requested	NONE	NONE
Pointing Dec	21.47921513937868	21.47921513937868	Alternating exposures requested	N	N
Pointing Roll	211.3294812624442	211.3294812624442	Primary exposure time	3.2	3.2
SIM focus pos (mm)	-0.78090834371673	-0.78090834371673			
SIM defocus (mm)	0.7524282194390134	0.7524282194390134			
SIM translation stage pos (mm)	250.4635187649	250.4635187649			
SIM translation stage offset (mm)	-0.007542945905271381	-0.007542945905271381			
Observation start time	143238506.69	143238506.69			
Observation start date	2002-07-16T21:05:00	2002-07-16T20:28:26			
Observation end time	143247845.16781	143247845.16781			
Observation end date	2002-07-16T21:28:00	2002-07-16T23:04:05			
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	7.55199997

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.