

V&V Reference Report

L2 ASCDS Version : 8.1.1

Observation 62298 - L2 Version 4

Chandra X-Ray Center

L2 Processing Date : Nov 24 2009

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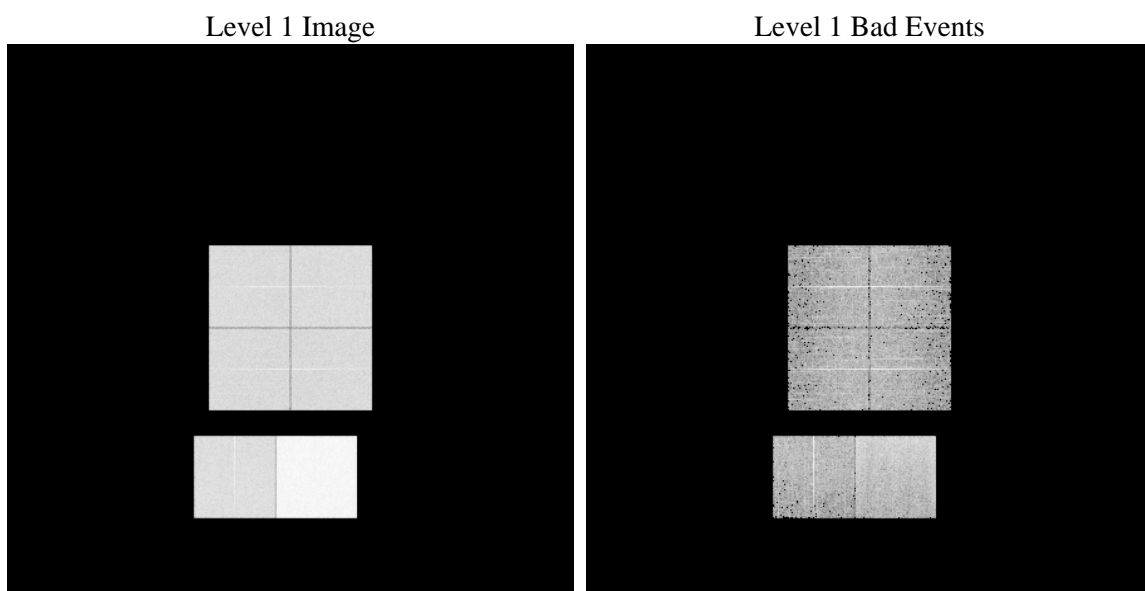
1 Front

seq_num	 	Sequence number
obs_id	62298	Observation id
title	ACIS-012367 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	0.0	Observer's specified target RA
dec_targ	0.0	Observer's specified target Dec
ra_nom	25.545919942475	Nominal RA
dec_nom	-51.001562096419	Nominal Dec
roll_nom	325.14901681208	Nominal Roll
revision	4	Processing version of data
ontime	4975.4334100112	Sum of GTIs [s]
livetime	4912.4314763273	Livetime [s]
ontime0	1960.8278972358	Sum of GTIs [s]
ontime1	1996.8615567014	Sum of GTIs [s]
ontime2	1854.2147265077	Sum of GTIs [s]
ontime3	1863.5966970474	Sum of GTIs [s]
ontime6	2113.4567772895	Sum of GTIs [s]
ontime7	4975.4334100112	Sum of GTIs [s]
l2events	1312090	Number of level 2 events

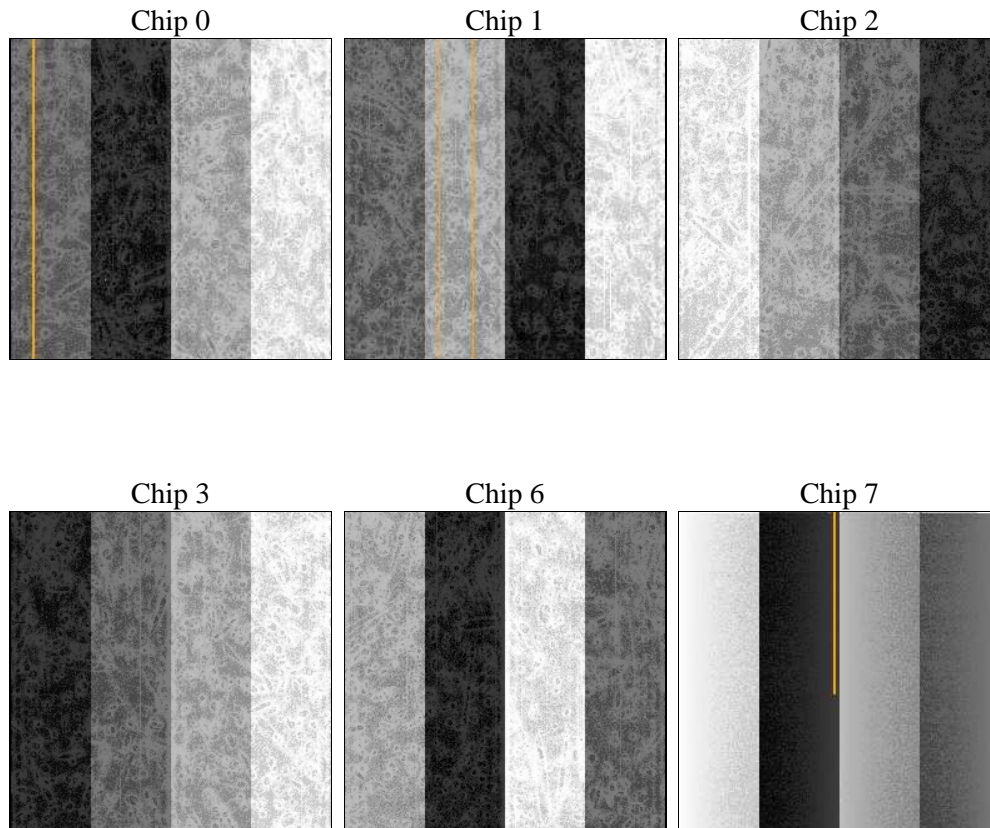
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number
ascdsver	8.1.1	ASCDS version number
caldsver	4.1.4	
date	2009-11-24T17:19:05	Date and time of file creation
revision	3	Processing version of data

sched_exp_time	0.0	Scheduled observation exposure time
ontime	4975.4334100112	Sum of GTIs [s]
ontime0	1960.8278972358	Sum of GTIs [s]
ontime1	1996.8615567014	Sum of GTIs [s]
ontime2	1854.2147265077	Sum of GTIs [s]
ontime3	1863.5966970474	Sum of GTIs [s]
ontime6	2113.4567772895	Sum of GTIs [s]
ontime7	4975.4334100112	Sum of GTIs [s]
l1events	1516140	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	197301	201976	189491	190874	221279	515219
rejected events	26463	27034	28013	27553	31811	49448
rejected %	13%	13%	14%	14%	14%	9%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	63576	64570	51558	53375	53272	84798
	32%	31%	27%	27%	24%	16%
grade 1 events	229	266	208	225	219	187
	0%	0%	0%	0%	0%	0%
grade 2 events	63908	65999	70423	69770	88092	131785
	32%	32%	37%	36%	39%	25%
grade 3 events	6704	6937	5328	5665	5532	39885
	3%	3%	2%	2%	2%	7%
grade 4 events	6783	7017	5354	5547	5370	36109
	3%	3%	2%	2%	2%	7%
grade 5 events	1652	1681	1659	1598	1789	7242
	0%	0%	0%	0%	0%	1%
grade 6 events	29867	30709	29114	28964	37491	173514
	15%	15%	15%	15%	16%	33%
grade 7 events	24582	24797	25847	25730	29514	41699
	12%	12%	13%	13%	13%	8%

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	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
Pointing RA	0	25.54591994247467	Alternating exposures requested	N	N
Pointing Dec	0	-51.00156209641924	Primary exposure time	3.2	3.2
Pointing Roll	0.0	325.1490168120777			
SIM focus pos (mm)	-0.782348	-1.038866356238299			
SIM defocus (mm)	0	0.4944702831659975			
SIM translation stage pos (mm)	-233.592463	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	60070368.070245	60070367.301727			
Observation start date	1999-11-27T06:12:48	1999-11-27T06:12:47			
Observation end time	60117091.671943	60117090.903412			
Observation end date	1999-11-27T19:11:32	1999-11-27T19:11:30			
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)	2010.08.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.9754334100112

A.2 Comments

This observation was acquired with the focal plane temperature raised from -120C to -110C, for attempted recalibration of ACIS for the 1999-09-16 through 2000-01-28 period. This reprocessing of the data applies no CTI correction because none is available for that temperature.