

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 58950 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 2 2012

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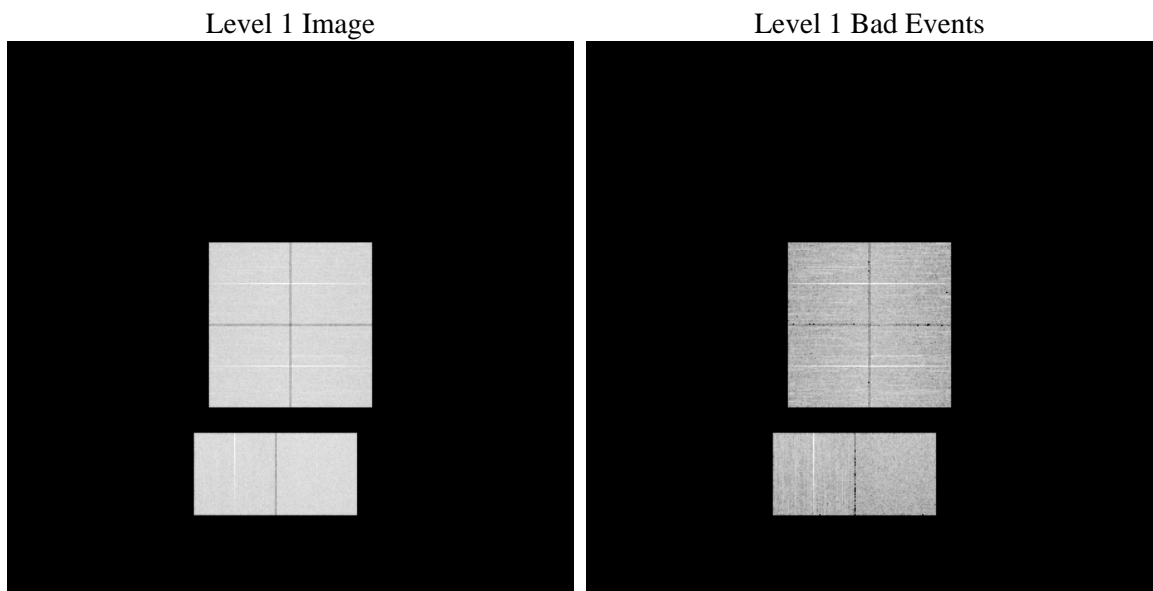
1 Front

seq_num	 	Sequence number
obs_id	58950	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 [deg]
dec_targ	0.0	Observer's specified target Dec [deg]
ra_nom	274.99021745445	Nominal RA [deg]
dec_nom	-33.972572808375	Nominal Dec [deg]
roll_nom	73.697043912698	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8271.9999691844	Sum of GTIs [s]
livetime	8167.2549247742	Livetime [s]
ontime0	8271.9999691844	Sum of GTIs [s]
ontime1	8271.9999691844	Sum of GTIs [s]
ontime2	8271.9999691844	Sum of GTIs [s]
ontime3	8271.9999691844	Sum of GTIs [s]
ontime6	8271.9999691844	Sum of GTIs [s]
ontime7	8271.9999691844	Sum of GTIs [s]
l2events	921921	Number of level 2 events

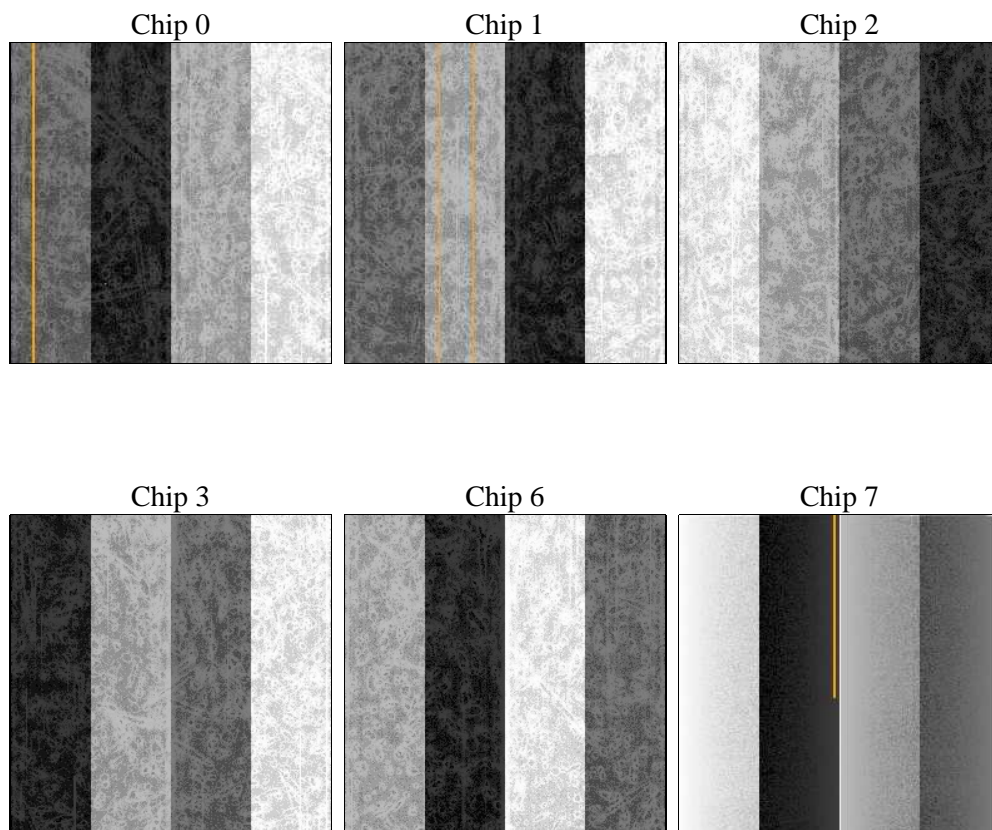
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	8271.9999691844	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	8271.9999691844	Sum of GTIs [s]
date	2012-04-02T06:00:00	Date and time of file creation	ontime1	8271.9999691844	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8271.9999691844	Sum of GTIs [s]
			ontime3	8271.9999691844	Sum of GTIs [s]
			ontime6	8271.9999691844	Sum of GTIs [s]
			ontime7	8271.9999691844	Sum of GTIs [s]
			l1events	1378596	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	222204	222207	226860	228958	231466	246901	grade 0 events	84440	84167	86128	86833	86311	41882
rejected events	67867	66420	71351	72393	69937	59838		38%	37%	37%	37%	37%	16%
rejected %	30%	29%	31%	31%	30%	24%	grade 1 events	595	490	626	608	550	182
								0%	0%	0%	0%	0%	0%
							grade 2 events	27051	27960	26448	27148	28204	40616
								12%	12%	11%	11%	12%	16%
							grade 3 events	10097	10098	10394	10340	10173	18352
								4%	4%	4%	4%	4%	7%
							grade 4 events	10042	10171	10306	10431	10293	18187
								4%	4%	4%	4%	4%	7%
							grade 5 events	3918	3985	3688	4299	4027	10374
								1%	1%	1%	1%	1%	4%
							grade 6 events	22775	23448	22284	21869	26635	68088
								10%	10%	9%	9%	11%	27%
							grade 7 events	63286	61888	66986	67430	65273	49220
								28%	27%	29%	29%	28%	19%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	274.9902174544476
[deg] Pointing Dec	0	-33.97257280837515
[deg] Pointing Roll	0.0	73.69704391269777
[mm] SIM focus pos	-0.782348	-0.7809083437167272
[mm] SIM defocus	0	0.7524282956875696
[mm] SIM translation stage pos	-233.592463	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	265045159.91375	265045158.88875
Observation start date	2006-05-26T15:39:20	2006-05-26T15:39:18
[s] Observation end time (MET)	265069243.314874	265069242.28988
Observation end date	2006-05-26T22:20:43	2006-05-26T22:20:42
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.04.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2719999691844

A.2 Comments