

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61752 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Sep 7 2012

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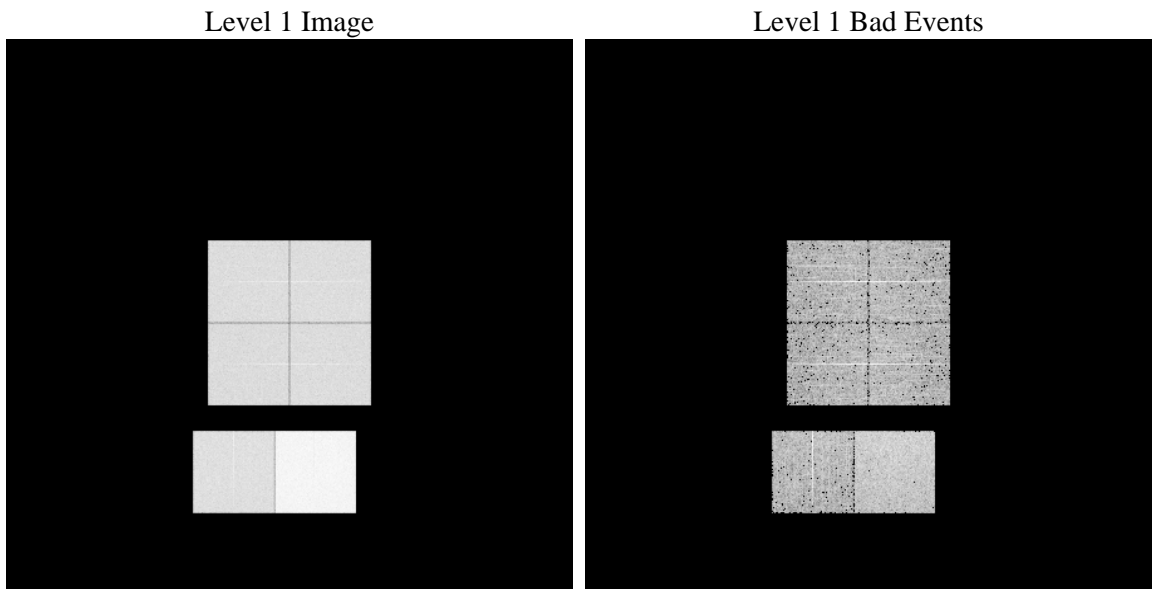
1 Front

seq_num	 	Sequence number
obs_id	61752	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	355.16668915455	Nominal RA [deg]
dec_nom	38.569982423203	Nominal Dec [deg]
roll_nom	327.34096958102	Nominal Roll [deg]
revision	4	Processing version of data
ontime	6336.9059791565	Sum of GTIs [s]
livetime	6256.6642600217	Livetime [s]
ontime0	2715.9891301543	Sum of GTIs [s]
ontime1	2732.1937717795	Sum of GTIs [s]
ontime2	2550.6961503625	Sum of GTIs [s]
ontime3	2615.5170698762	Sum of GTIs [s]
ontime6	2813.2199610621	Sum of GTIs [s]
ontime7	6336.9059791565	Sum of GTIs [s]
l2events	1340093	Number of level 2 events

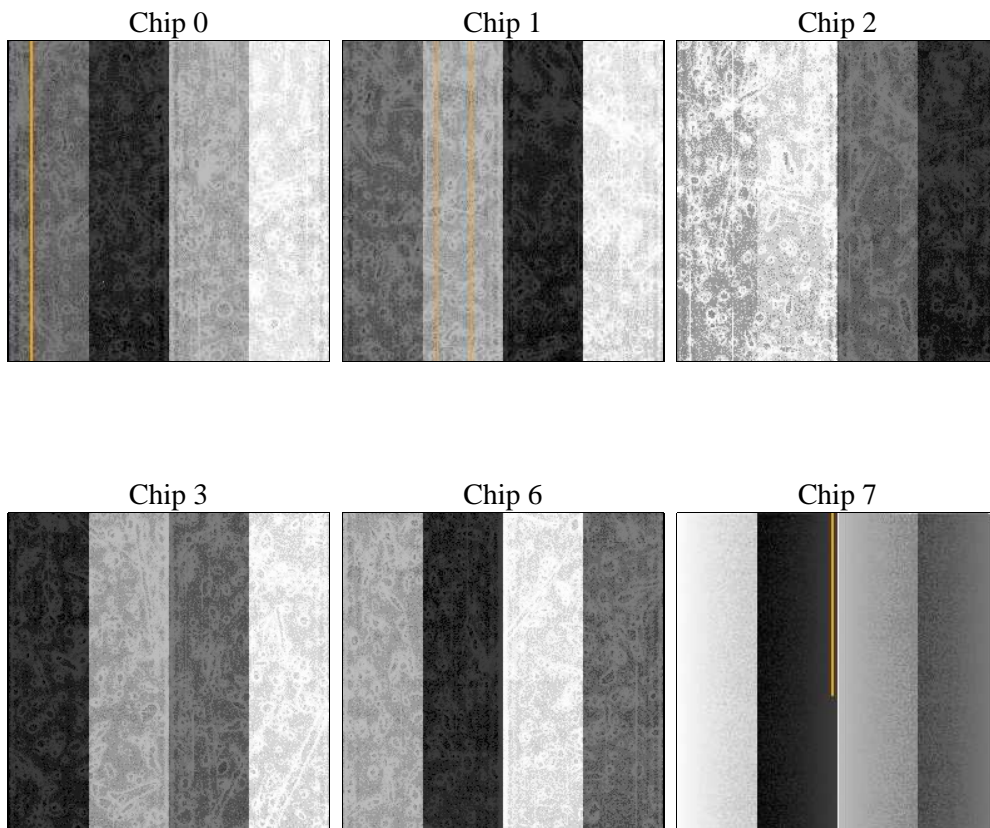
2 OBI

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	8.4.5	Processing system revision	ontime	6336.9059791565	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime0	2715.9891301543	Sum of GTIs [s]
date	2012-09-07T12:10:16	Date and time of file creation	ontime1	2732.1937717795	Sum of GTIs [s]
revision	4	Processing version of data	ontime2	2550.6961503625	Sum of GTIs [s]
			ontime3	2615.5170698762	Sum of GTIs [s]
			ontime6	2813.2199610621	Sum of GTIs [s]
			ontime7	6336.9059791565	Sum of GTIs [s]
			l1events	1547626	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	209955	211982	199693	206724	228863	490409	grade 0 events	104437	106102	100373	103810	113040	116951
rejected events	22190	22199	20794	22985	23802	38303		49%	50%	50%	50%	49%	23%
rejected %	10%	10%	10%	11%	10%	7%	grade 1 events	560	541	507	543	561	319
								0%	0%	0%	0%	0%	0%
							grade 2 events	33405	34040	31642	32126	35818	100887
								15%	16%	15%	15%	15%	20%
							grade 3 events	12118	12038	11337	11794	12948	47140
								5%	5%	5%	5%	5%	9%
							grade 4 events	12047	12130	11426	11881	12952	46773
								5%	5%	5%	5%	5%	9%
							grade 5 events	1550	1559	1426	1639	1729	6918
								0%	0%	0%	0%	0%	1%
							grade 6 events	27756	27752	25898	26099	32600	146162
								13%	13%	12%	12%	14%	29%
							grade 7 events	18082	17820	17084	18832	19215	25259
								8%	8%	8%	9%	8%	5%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
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
[deg] Pointing RA	0	355.1666891545535	Alternating exposures requested	N	N
[deg] Pointing Dec	0	38.56998242320307	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	327.3409695810235			
[mm] SIM focus pos	-0.782348	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	97574067.868	97574067.099406			
Observation start date	2001-02-03T07:54:28	2001-02-03T07:54:27			
[s] Observation end time (MET)	97595377.619	97595376.850227			
Observation end date	2001-02-03T13:49:38	2001-02-03T13:49:36			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.09.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.3369059791565

A.2 Comments