

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 55087 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Mar 2 2012

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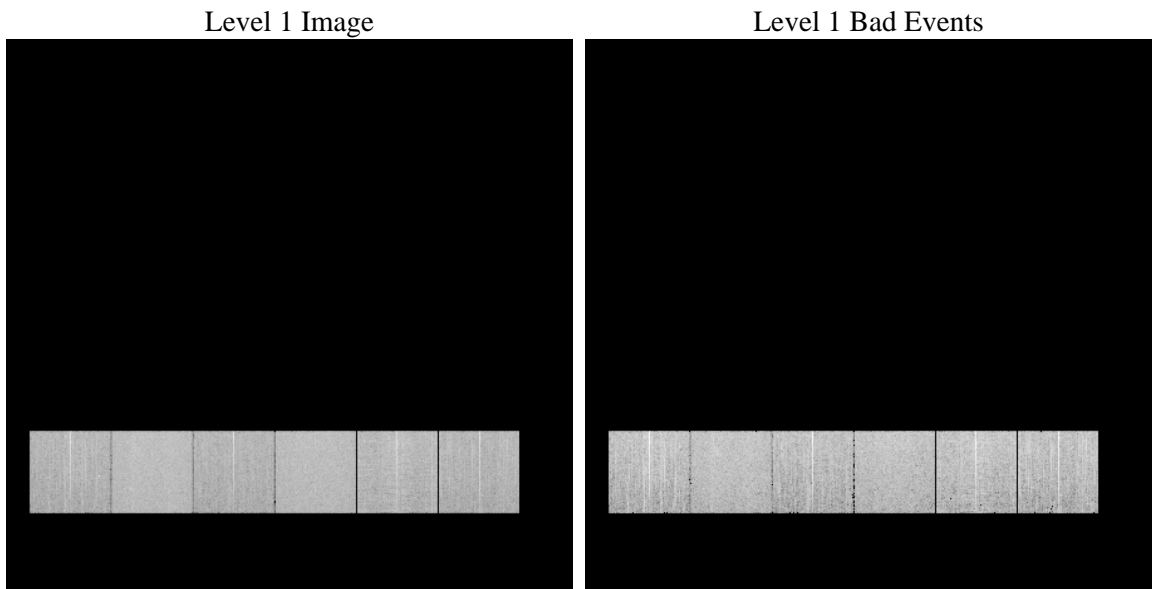
1 Front

seq_num	 	Sequence number
obs_id	55087	Observation id
title	ACIS-456789 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	14.026609060894	Nominal RA [deg]
dec_nom	-0.010756372217711	Nominal Dec [deg]
roll_nom	305.00387004717	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8281.5999692082	Sum of GTIs [s]
livetime	8176.7333638173	Livetime [s]
ontime4	8281.5999692082	Sum of GTIs [s]
ontime5	8281.5999692082	Sum of GTIs [s]
ontime6	8281.5999692082	Sum of GTIs [s]
ontime7	8281.5999692082	Sum of GTIs [s]
ontime8	8281.5999692082	Sum of GTIs [s]
ontime9	8281.5999692082	Sum of GTIs [s]
l2events	315295	Number of level 2 events

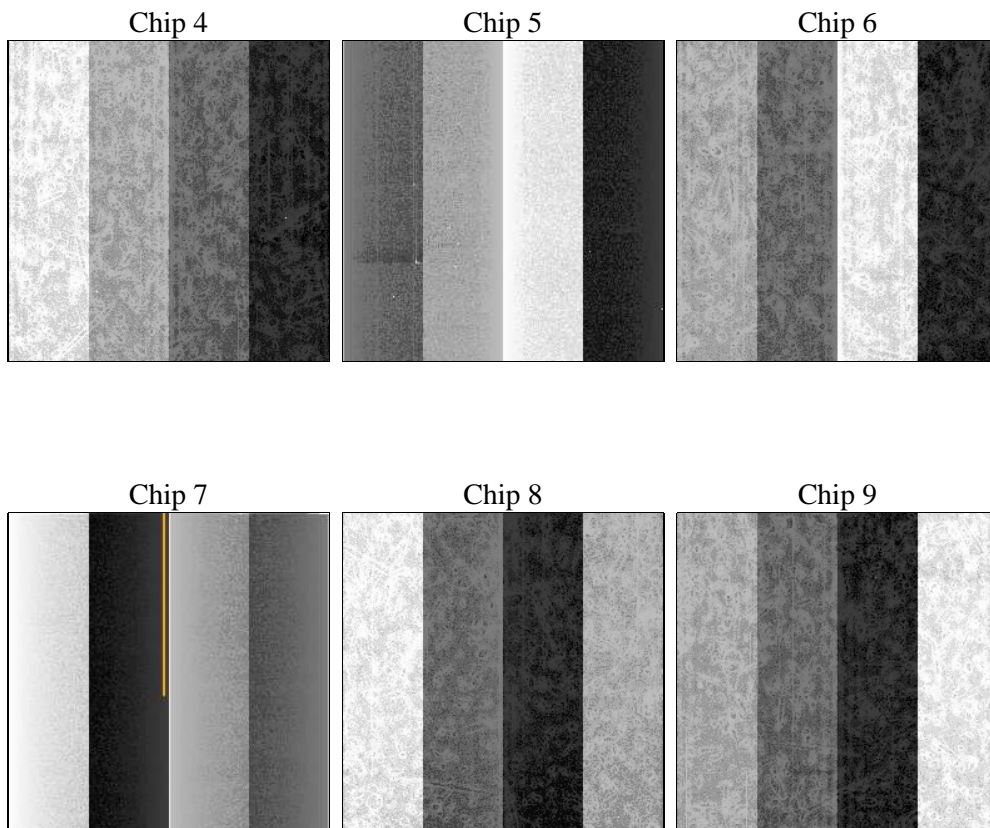
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	2	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	8281.5999692082	Sum of GTIs [s]
caldbver	4.4.8	 	ontime4	8281.5999692082	Sum of GTIs [s]
date	2012-03-02T16:18:14	Date and time of file creation	ontime5	8281.5999692082	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8281.5999692082	Sum of GTIs [s]
			ontime7	8281.5999692082	Sum of GTIs [s]
			ontime8	8281.5999692082	Sum of GTIs [s]
			ontime9	8281.5999692082	Sum of GTIs [s]
			l1events	701551	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9		ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	105528	136742	100731	131579	121260	105711	grade 0 events	25010	7586	23526	11829	27387	23690
rejected events	61549	60320	54178	58308	63529	60333		23%	5%	23%	8%	22%	22%
rejected %	58%	44%	53%	44%	52%	57%	grade 1 events	230	160	119	111	146	178
								0%	0%	0%	0%	0%	0%
							grade 2 events	6899	28213	8841	15873	11255	7979
								6%	20%	8%	12%	9%	7%
							grade 3 events	3071	2678	3096	6311	4525	3155
								2%	1%	3%	4%	3%	2%
							grade 4 events	3115	2737	3096	6332	4262	3053
								2%	2%	3%	4%	3%	2%
							grade 5 events	3541	7141	3469	8841	4656	4037
								3%	5%	3%	6%	3%	3%
							grade 6 events	5884	35208	7994	32926	10302	7501
								5%	25%	7%	25%	8%	7%
							grade 7 events	57778	53019	50590	49356	58727	56118
								54%	38%	50%	37%	48%	53%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-456789	ACIS-456789	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	14.0266090608939	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-0.01075637221771132	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	305.0038700471654	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	436403965.988249	436403964.96325			
Observation start date	2011-10-30T23:19:26	2011-10-30T23:19:24			
[s] Observation end time (MET)	436414103.238781	436414102.21378			
Observation end date	2011-10-31T02:08:23	2011-10-31T02:08:22			
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)	2012.03.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2815999692082

A.2 Comments