

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 54267 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Oct 9 2012

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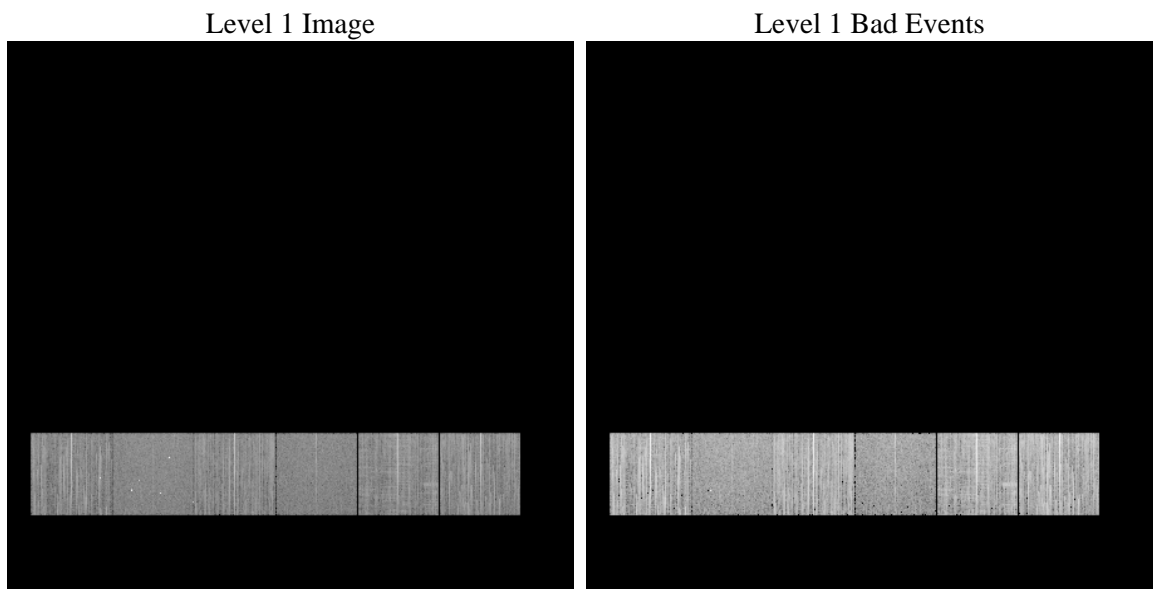
1 Front

seq_num	 	Sequence number
obs_id	54267	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	0.89266877261173	Nominal RA [deg]
dec_nom	26.917983906992	Nominal Dec [deg]
roll_nom	213.72238558539	Nominal Roll [deg]
revision	1	Processing version of data
ontime	5451.8978639841	Sum of GTIs [s]
livetime	5382.8626504916	Livetime [s]
ontime4	5451.7747439742	Sum of GTIs [s]
ontime5	5451.8568239808	Sum of GTIs [s]
ontime6	5451.8157839775	Sum of GTIs [s]
ontime7	5451.8978639841	Sum of GTIs [s]
ontime8	5451.7337039709	Sum of GTIs [s]
ontime9	5451.9389039874	Sum of GTIs [s]
l2events	177456	Number of level 2 events

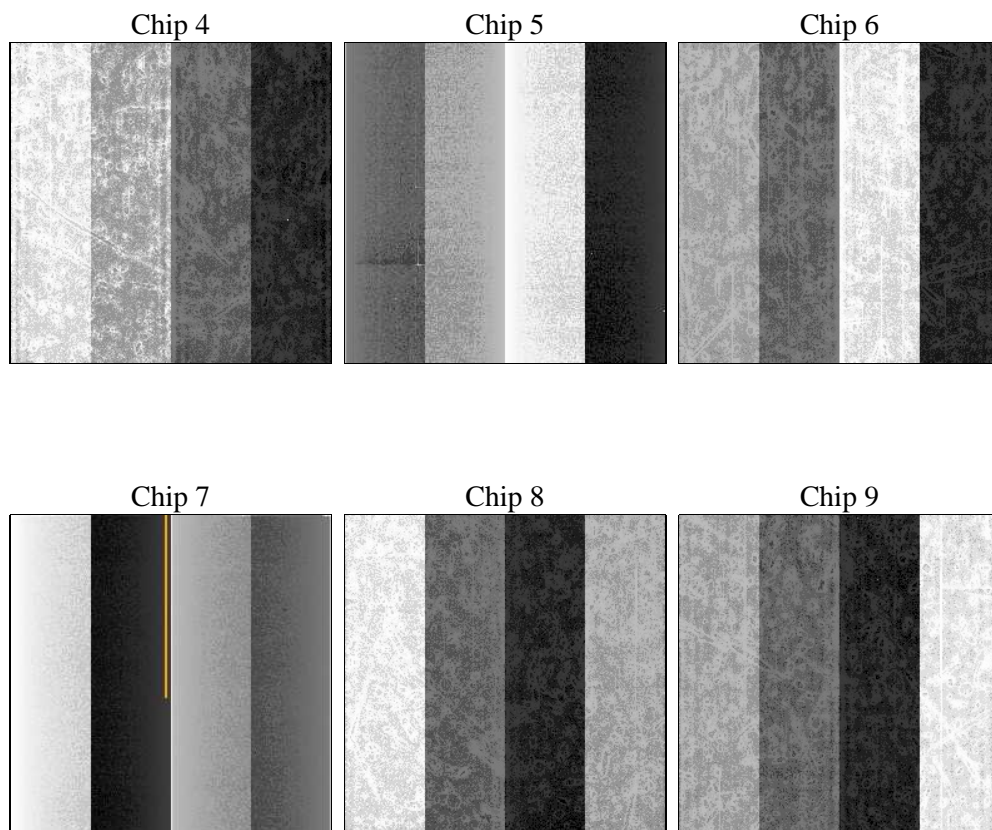
2 OBI

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	5451.8978639841	Sum of GTIs [s]
caldsver	4.5.2	 	ontime4	5451.7747439742	Sum of GTIs [s]
date	2012-10-09T09:24:24	Date and time of file creation	ontime5	5451.8568239808	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	5451.8157839775	Sum of GTIs [s]
			ontime7	5451.8978639841	Sum of GTIs [s]
			ontime8	5451.7337039709	Sum of GTIs [s]
			ontime9	5451.9389039874	Sum of GTIs [s]
			l1events	637914	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	110483	97125	112469	87112	113504	117221	grade 0 events	14367	8018	12922	6635	14532	12847
rejected events	84986	49219	86798	44255	81820	92066		13%	8%	11%	7%	12%	10%
rejected %	76%	50%	77%	50%	72%	78%	grade 1 events	105	120	59	56	59	76
								0%	0%	0%	0%	0%	0%
							grade 2 events	4425	17193	5064	10585	6339	4835
								4%	17%	4%	12%	5%	4%
							grade 3 events	1765	1704	1663	3636	2450	1709
								1%	1%	1%	4%	2%	1%
							grade 4 events	1643	1712	1664	3638	2320	1672
								1%	1%	1%	4%	2%	1%
							grade 5 events	2202	4337	2188	5279	2791	2433
								1%	4%	1%	6%	2%	2%
							grade 6 events	3310	19304	4378	18399	6056	4116
								2%	19%	3%	21%	5%	3%
							grade 7 events	82666	44737	84531	38884	78957	89533
								74%	46%	75%	44%	69%	76%

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	0.8926687726117279	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	26.91798390699229	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	213.7223855853927	[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)	466082150.686006	466082149.66101			
Observation start date	2012-10-08T11:15:51	2012-10-08T11:15:49			
[s] Observation end time (MET)	466088587.686351	466088586.66135			
Observation end date	2012-10-08T13:03:08	2012-10-08T13:03:06			
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)	2012.10.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.4518978639841

A.2 Comments