

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55217 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 20 2012

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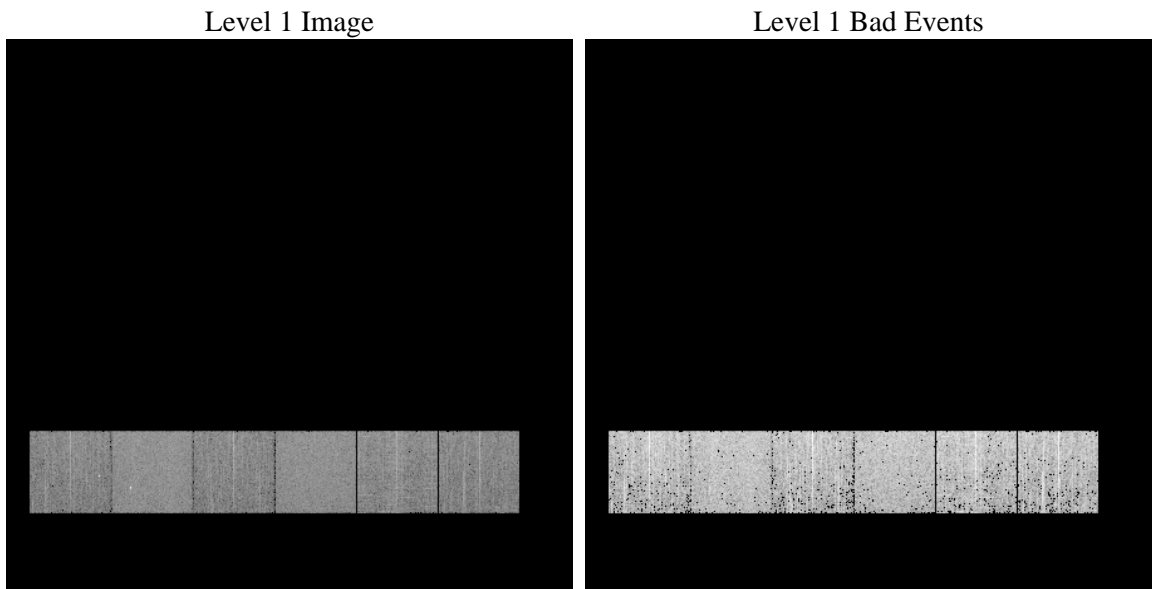
1 Front

seq_num	 	Sequence number
obs_id	55217	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	344.46225094605	Nominal RA [deg]
dec_nom	15.488480641813	Nominal Dec [deg]
roll_nom	162.29605911501	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3282.4036074877	Sum of GTIs [s]
livetime	3240.8398365835	Livetime [s]
ontime4	3162.3630532622	Sum of GTIs [s]
ontime5	3282.3625674844	Sum of GTIs [s]
ontime6	3162.4041031003	Sum of GTIs [s]
ontime7	3282.4036074877	Sum of GTIs [s]
ontime8	3165.5630928874	Sum of GTIs [s]
ontime9	3169.0092735887	Sum of GTIs [s]
l2events	124522	Number of level 2 events

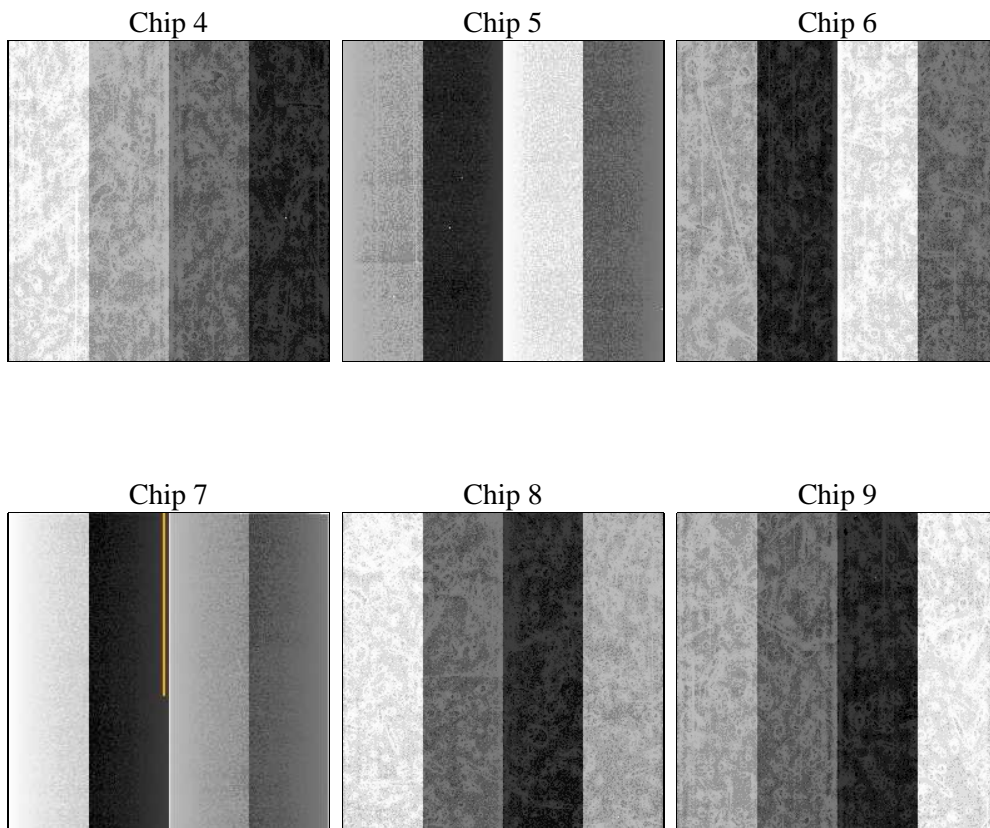
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	3282.4036074877	Sum of GTIs [s]
caldsver	4.4.8	 	ontime4	3162.3630532622	Sum of GTIs [s]
date	2012-02-21T01:40:16	Date and time of file creation	ontime5	3282.3625674844	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	3162.4041031003	Sum of GTIs [s]
			ontime7	3282.4036074877	Sum of GTIs [s]
			ontime8	3165.5630928874	Sum of GTIs [s]
			ontime9	3169.0092735887	Sum of GTIs [s]
			l1events	278401	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	40952	55202	41083	52865	47298	41001	grade 0 events	10544	3271	8897	4721	10533	9408
rejected events	23101	24343	23051	23246	25061	23156		25%	5%	21%	8%	22%	22%
rejected %	56%	44%	56%	43%	52%	56%	grade 1 events	83	99	40	45	55	57
								0%	0%	0%	0%	0%	0%
							grade 2 events	2670	11238	3687	6657	4332	3140
								6%	20%	8%	12%	9%	7%
							grade 3 events	1287	1133	1180	2446	1589	1185
								3%	2%	2%	4%	3%	2%
							grade 4 events	1145	922	1142	2394	1572	1174
								2%	1%	2%	4%	3%	2%
							grade 5 events	1249	2790	1323	3400	1795	1473
								3%	5%	3%	6%	3%	3%
							grade 6 events	2205	14295	3126	13401	4211	2938
								5%	25%	7%	25%	8%	7%
							grade 7 events	21769	21454	21688	19801	23211	21626
								53%	38%	52%	37%	49%	52%

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	344.4622509460542	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	15.48848064181286	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	162.2960591150091	[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)	430917458.663005	430917457.63803			
Observation start date	2011-08-28T11:17:39	2011-08-28T11:17:37			
[s] Observation end time (MET)	430924539.363376	430924538.3384			
Observation end date	2011-08-28T13:15:39	2011-08-28T13:15:38			
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)	2012.02.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.2824036074877

A.2 Comments