

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55741 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 1 2012

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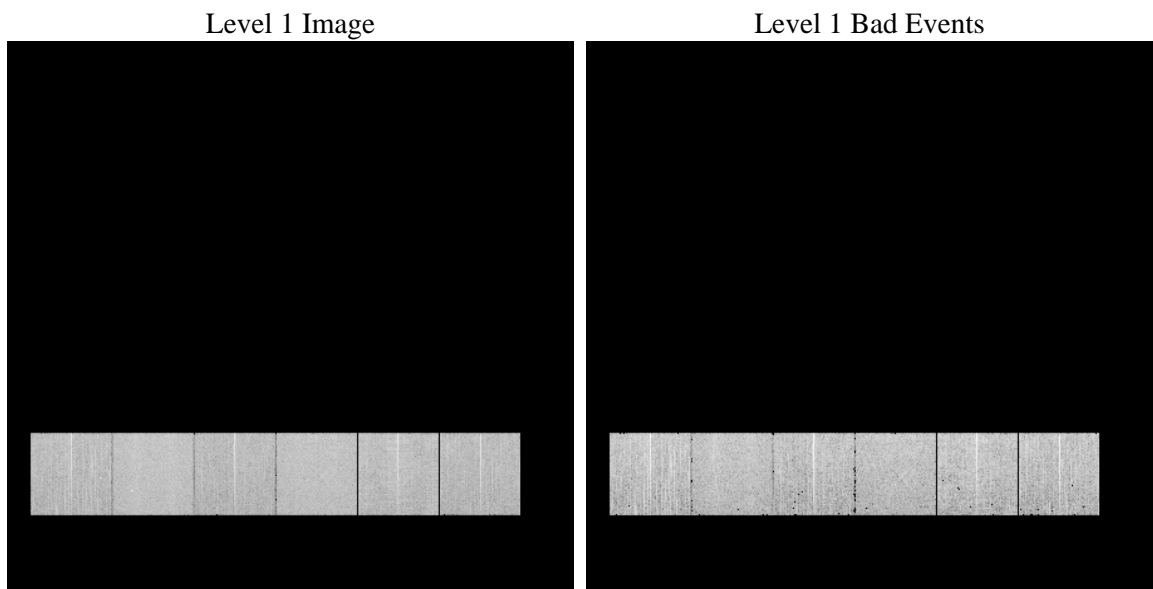
1 Front

seq_num	 	Sequence number
obs_id	55741	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	104.52909144511	Nominal RA [deg]
dec_nom	-1.9912535446122	Nominal Dec [deg]
roll_nom	344.87913379888	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5592.7495776415	Sum of GTIs [s]
livetime	5521.9308149399	Livetime [s]
ontime4	5592.6264576316	Sum of GTIs [s]
ontime5	5592.7085376382	Sum of GTIs [s]
ontime6	5592.6674976349	Sum of GTIs [s]
ontime7	5592.7495776415	Sum of GTIs [s]
ontime8	5592.5854176283	Sum of GTIs [s]
ontime9	5592.7906176448	Sum of GTIs [s]
l2events	249765	Number of level 2 events

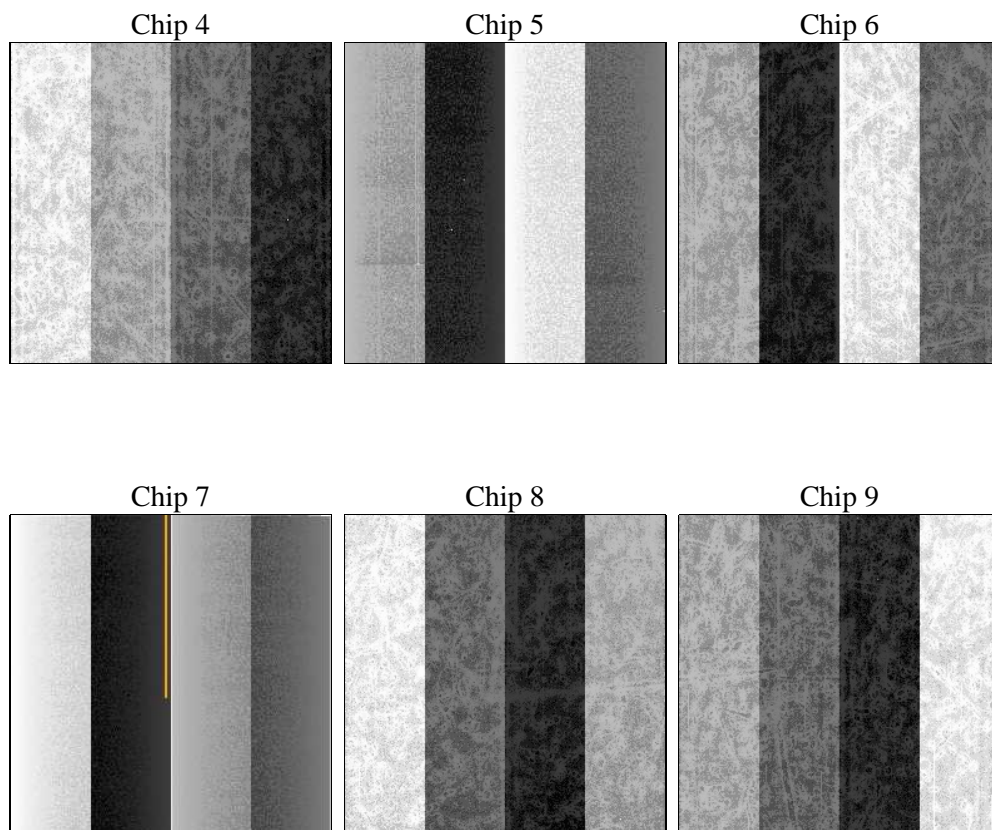
2 OBI

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	5592.7495776415	Sum of GTIs [s]
caldsver	4.4.7	 	ontime4	5592.6264576316	Sum of GTIs [s]
date	2012-02-01T11:46:41	Date and time of file creation	ontime5	5592.7085376382	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	5592.6674976349	Sum of GTIs [s]
			ontime7	5592.7495776415	Sum of GTIs [s]
			ontime8	5592.5854176283	Sum of GTIs [s]
			ontime9	5592.7906176448	Sum of GTIs [s]
			l1events	558494	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	88469	106249	81973	102071	95220	84512	grade 0 events	20405	5664	18117	9233	21863	19252
rejected events	52914	46660	45231	44358	50102	47988		23%	5%	22%	9%	22%	22%
rejected %	59%	43%	55%	43%	52%	56%	grade 1 events	189	156	88	97	118	129
								0%	0%	0%	0%	0%	0%
							grade 2 events	5323	22347	7692	12828	8637	6503
								6%	21%	9%	12%	9%	7%
							grade 3 events	2548	2047	2239	4845	3300	2482
								2%	1%	2%	4%	3%	2%
							grade 4 events	2583	2001	2241	4731	3186	2418
								2%	1%	2%	4%	3%	2%
							grade 5 events	2424	5208	2495	6414	3362	2876
								2%	4%	3%	6%	3%	3%
							grade 6 events	4696	27530	6453	26076	8132	5869
								5%	25%	7%	25%	8%	6%
							grade 7 events	50301	41296	42648	37847	46622	44983
								56%	38%	52%	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	104.5290914451141	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-1.991253544612197	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	344.8791337988819	[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)	411044138.902271	411044137.87729			
Observation start date	2011-01-10T10:55:39	2011-01-10T10:55:37			
[s] Observation end time (MET)	411052890.352723	411052889.32774			
Observation end date	2011-01-10T13:21:30	2011-01-10T13:21:29			
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)	2012.02.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.5927495776415

A.2 Comments