

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55098 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Mar 2 2012

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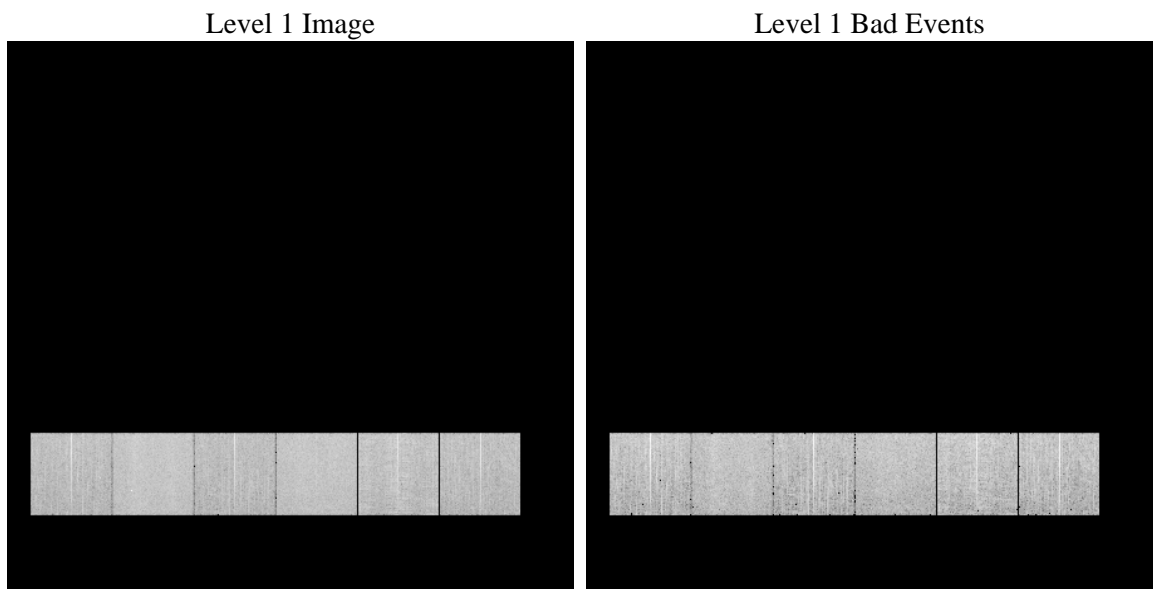
1 Front

seq_num	 	Sequence number
obs_id	55098	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	6.7392789004551	Nominal RA [deg]
dec_nom	-2.2322577032323	Nominal Dec [deg]
roll_nom	303.95245808144	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7205.8584974408	Sum of GTIs [s]
livetime	7114.6135782991	Livetime [s]
ontime4	7206.3999732137	Sum of GTIs [s]
ontime5	7205.8995374441	Sum of GTIs [s]
ontime6	7206.3999732137	Sum of GTIs [s]
ontime7	7205.8584974408	Sum of GTIs [s]
ontime8	7206.3999732137	Sum of GTIs [s]
ontime9	7205.8174574375	Sum of GTIs [s]
l2events	273693	Number of level 2 events

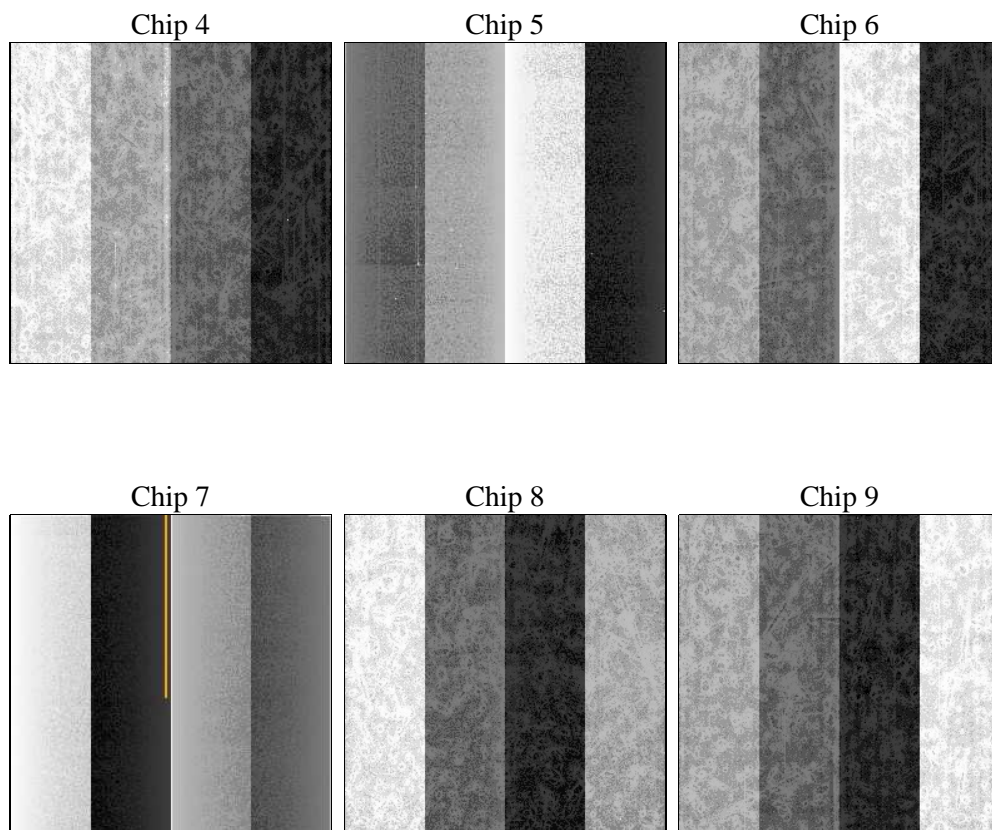
2 OBI

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	7205.8584974408	Sum of GTIs [s]
caldsver	4.4.8	 	ontime4	7206.3999732137	Sum of GTIs [s]
date	2012-03-02T13:23:21	Date and time of file creation	ontime5	7205.8995374441	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	7206.3999732137	Sum of GTIs [s]
			ontime7	7205.8584974408	Sum of GTIs [s]
			ontime8	7206.3999732137	Sum of GTIs [s]
			ontime9	7205.8174574375	Sum of GTIs [s]
			l1events	630797	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	95144	121824	92418	117157	110251	94003	grade 0 events	22031	6477	20423	10281	24396	21261
rejected events	57244	55945	51962	53706	59482	54398		23%	5%	22%	8%	22%	22%
rejected %	60%	45%	56%	45%	53%	57%	grade 1 events	173	164	93	114	120	128
								0%	0%	0%	0%	0%	0%
							grade 2 events	6048	25126	8643	14440	10073	7203
								6%	20%	9%	12%	9%	7%
							grade 3 events	2864	2266	2555	5437	3752	2768
								3%	1%	2%	4%	3%	2%
							grade 4 events	2840	2178	2553	5432	3861	2695
								2%	1%	2%	4%	3%	2%
							grade 5 events	2944	6040	2944	7453	3991	3454
								3%	4%	3%	6%	3%	3%
							grade 6 events	5098	31472	7237	29431	9846	6596
								5%	25%	7%	25%	8%	7%
							grade 7 events	53146	48101	47970	44569	54212	49898
								55%	39%	51%	38%	49%	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	6.739278900455076	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-2.232257703232345	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	303.9524580814411	[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)	435719793.015008	435719791.99002			
Observation start date	2011-10-23T01:16:33	2011-10-23T01:16:31			
[s] Observation end time (MET)	435727572.765417	435727571.74043			
Observation end date	2011-10-23T03:26:13	2011-10-23T03:26:11			
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	7.2058584974408

A.2 Comments