

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55252 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 19 2012

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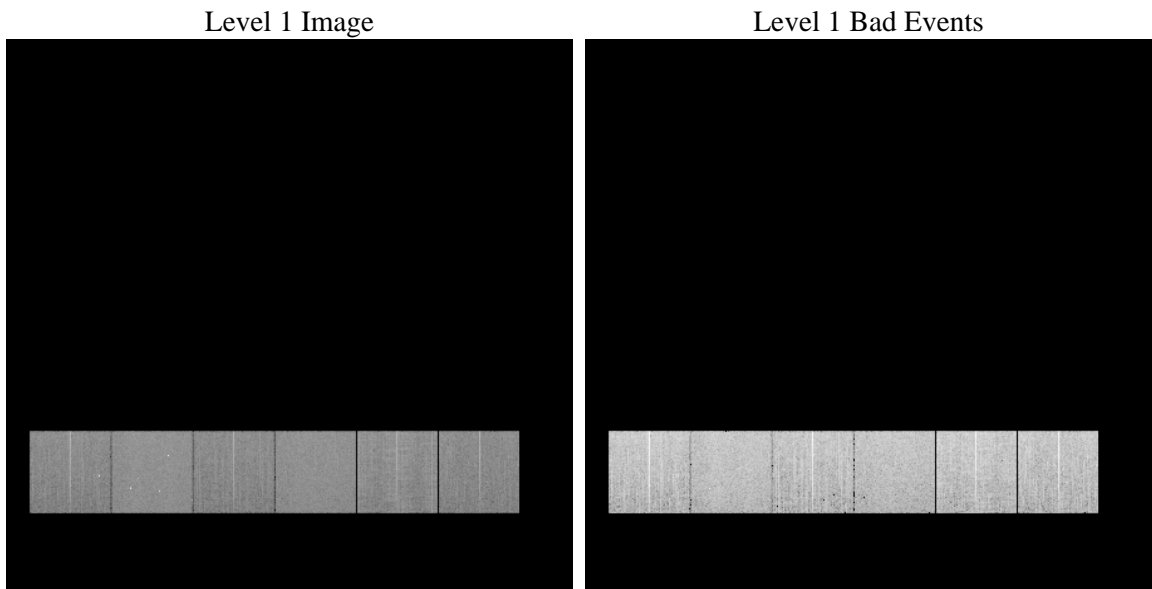
1 Front

seq_num	 	Sequence number
obs_id	55252	Observation id
title	ACIS-456789 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycle	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	349.98079626053	Nominal RA [deg]
dec_nom	-13.978174196343	Nominal Dec [deg]
roll_nom	97.634137248285	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8278.0122739673	Sum of GTIs [s]
livetime	8173.1910981337	Livetime [s]
ontime4	8277.8891539574	Sum of GTIs [s]
ontime5	8277.971233964	Sum of GTIs [s]
ontime6	8277.9301939607	Sum of GTIs [s]
ontime7	8278.0122739673	Sum of GTIs [s]
ontime8	8277.8481139541	Sum of GTIs [s]
ontime9	8274.8122836351	Sum of GTIs [s]
l2events	335660	Number of level 2 events

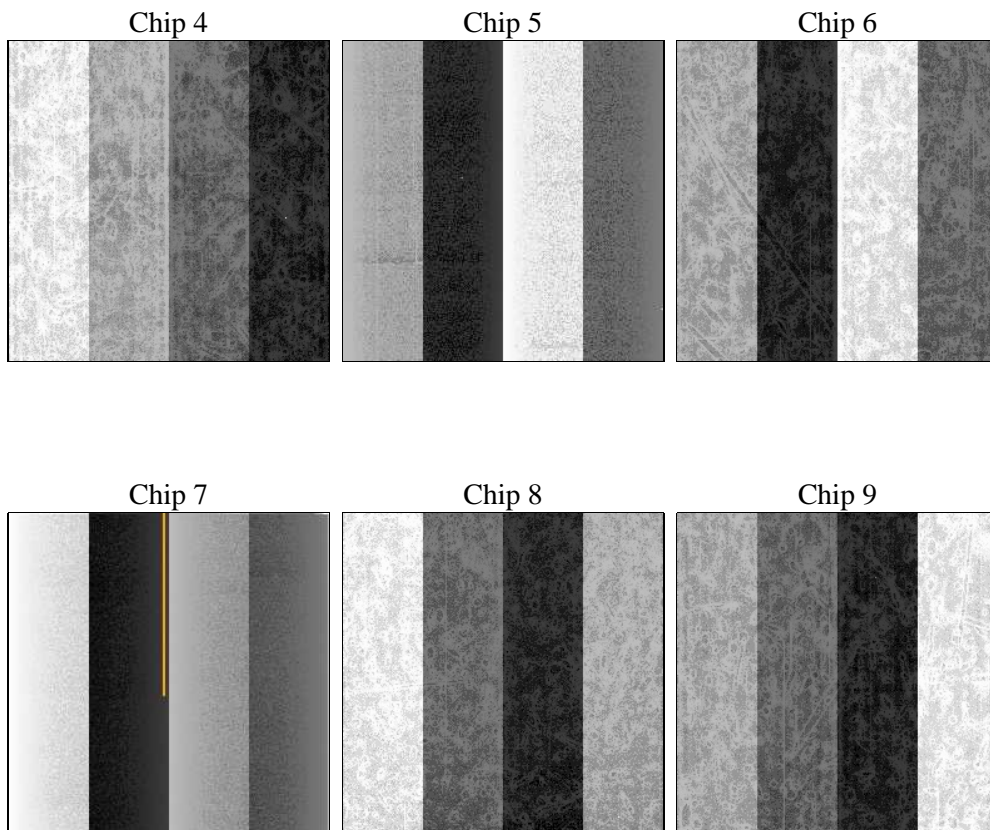
2 OBI

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	8278.0122739673	Sum of GTIs [s]
caldbver	4.4.8	 	ontime4	8277.8891539574	Sum of GTIs [s]
date	2012-02-19T12:35:27	Date and time of file creation	ontime5	8277.971233964	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8277.9301939607	Sum of GTIs [s]
			ontime7	8278.0122739673	Sum of GTIs [s]
			ontime8	8277.8481139541	Sum of GTIs [s]
			ontime9	8274.8122836351	Sum of GTIs [s]
			l1events	754066	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	115728	142664	112707	136835	134135	111997	grade 0 events	28506	11862	26007	13281	30232	25578
rejected events	66569	60731	62411	58054	69453	63591		24%	8%	23%	9%	22%	22%
rejected %	57%	42%	55%	42%	51%	56%	grade 1 events	262	242	131	129	191	177
								0%	0%	0%	0%	0%	0%
							grade 2 events	7815	28604	9169	17509	12740	8450
								6%	20%	8%	12%	9%	7%
							grade 3 events	3420	3658	3260	6998	5019	3273
								2%	2%	2%	5%	3%	2%
							grade 4 events	3350	3551	3327	6984	4742	3327
								2%	2%	2%	5%	3%	2%
							grade 5 events	3513	7675	3739	9018	4806	4090
								3%	5%	3%	6%	3%	3%
							grade 6 events	6084	34290	8557	34044	11970	7792
								5%	24%	7%	24%	8%	6%
							grade 7 events	62778	52782	58517	48872	64435	59310
								54%	36%	51%	35%	48%	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	349.9807962605285	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-13.97817419634301	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	97.63413724828514	[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)	429287688.077572	429287687.05258			
Observation start date	2011-08-09T14:34:48	2011-08-09T14:34:47			
[s] Observation end time (MET)	429319504.079238	429319503.05425			
Observation end date	2011-08-09T23:25:04	2011-08-09T23:25:03			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2780122739673

A.2 Comments