

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55018 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 27 2012

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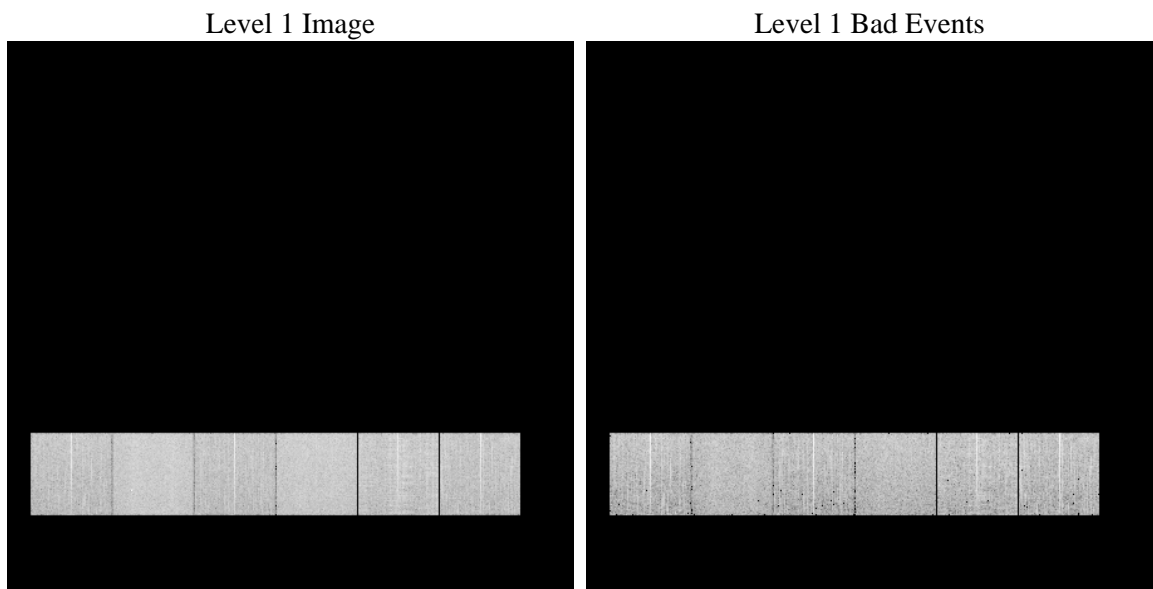
1 Front

seq_num	 	Sequence number
obs_id	55018	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	86.460562150363	Nominal RA [deg]
dec_nom	44.004403737826	Nominal Dec [deg]
roll_nom	138.28772469265	Nominal Roll [deg]
revision	2	Processing version of data
ontime	6204.7362044454	Sum of GTIs [s]
livetime	6126.1680985811	Livetime [s]
ontime4	6204.6130844355	Sum of GTIs [s]
ontime5	6204.6951644421	Sum of GTIs [s]
ontime6	6204.6541244388	Sum of GTIs [s]
ontime7	6204.7362044454	Sum of GTIs [s]
ontime8	6204.5720444322	Sum of GTIs [s]
ontime9	6204.7772444487	Sum of GTIs [s]
l2events	230107	Number of level 2 events

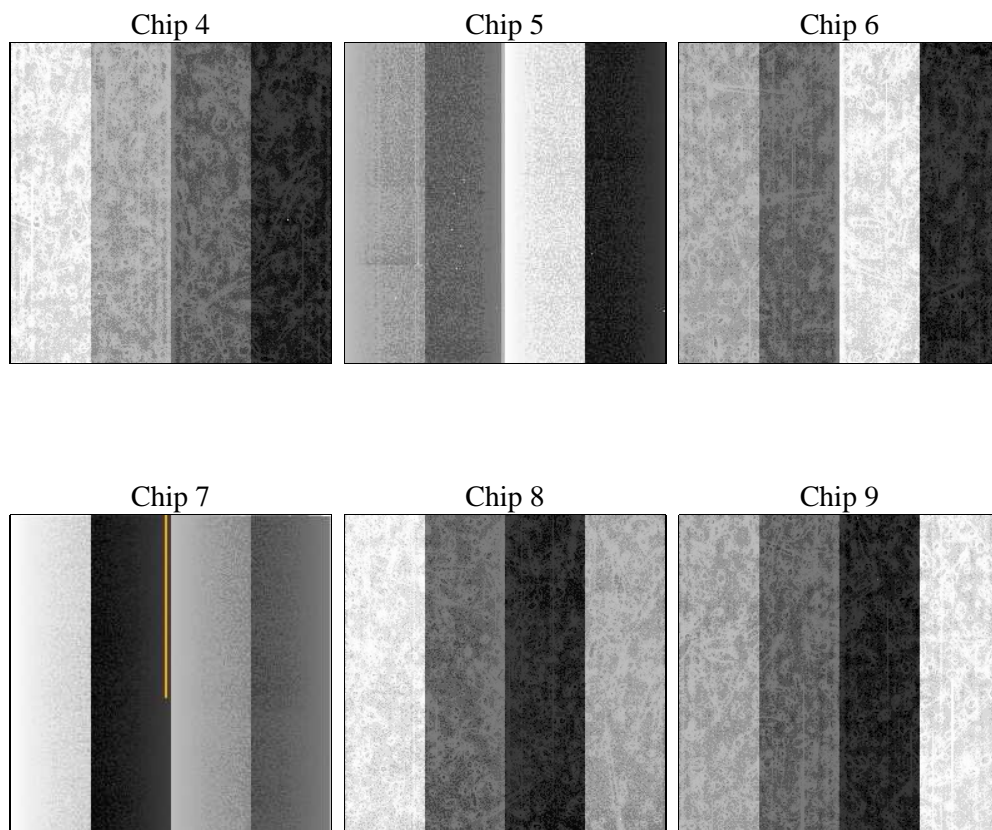
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	2	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	6204.7362044454	Sum of GTIs [s]
caldbver	4.4.8	 	ontime4	6204.6130844355	Sum of GTIs [s]
date	2012-02-28T00:56:43	Date and time of file creation	ontime5	6204.6951644421	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	6204.6541244388	Sum of GTIs [s]
			ontime7	6204.7362044454	Sum of GTIs [s]
			ontime8	6204.5720444322	Sum of GTIs [s]
			ontime9	6204.7772444487	Sum of GTIs [s]
			l1events	531809	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	77856	102384	78589	99192	92974	80814	grade 0 events	17964	4970	16248	8429	19634	17097
rejected events	46354	46342	44880	44976	50731	48038		23%	4%	20%	8%	21%	21%
rejected %	59%	45%	57%	45%	54%	59%	grade 1 events	155	111	78	82	125	117
								0%	0%	0%	0%	0%	0%
							grade 2 events	4775	21021	7424	11999	8401	5948
								6%	20%	9%	12%	9%	7%
							grade 3 events	2291	1792	2013	4504	3084	2142
								2%	1%	2%	4%	3%	2%
							grade 4 events	2308	1731	2003	4464	2984	2174
								2%	1%	2%	4%	3%	2%
							grade 5 events	2531	5044	2481	6342	3421	2978
								3%	4%	3%	6%	3%	3%
							grade 6 events	4186	26554	6047	24846	8162	5437
								5%	25%	7%	25%	8%	6%
							grade 7 events	43646	41161	42295	38526	47163	44921
								56%	40%	53%	38%	50%	55%

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	86.46056215036258	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	44.00440373782551	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	138.2877246926468	[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)	439144846.882628	439144845.85763			
Observation start date	2011-12-01T16:40:47	2011-12-01T16:40:45			
[s] Observation end time (MET)	439154592.583142	439154591.55815			
Observation end date	2011-12-01T19:23:13	2011-12-01T19:23:11			
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)	2012.02.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.2047362044454

A.2 Comments