

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57491 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 24 2012

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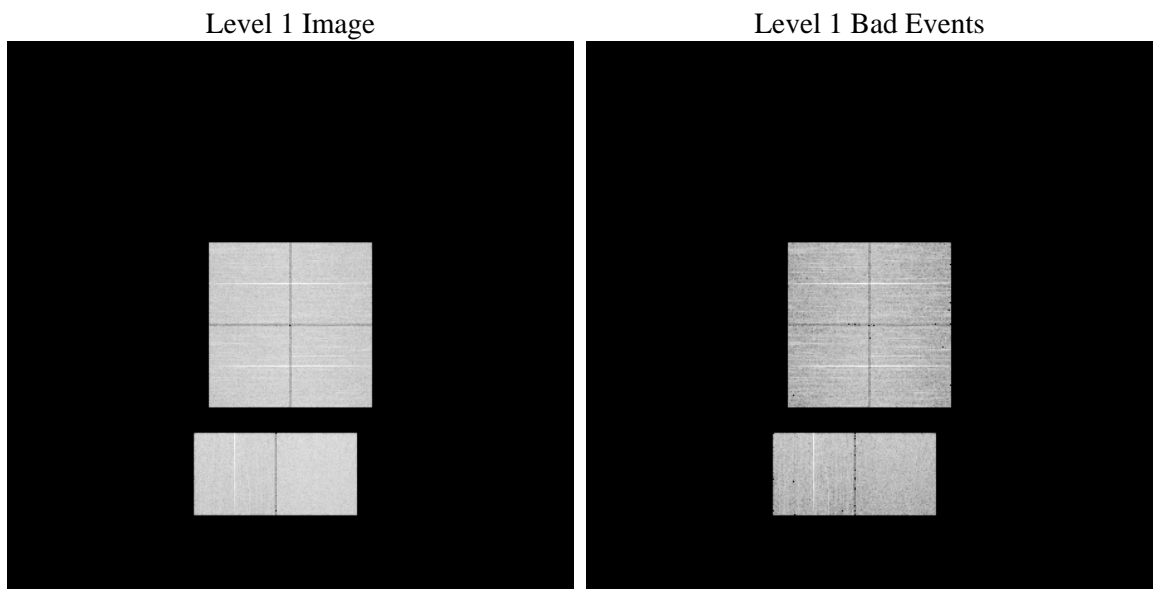
1 Front

seq_num	 	Sequence number
obs_id	57491	Observation id
title	ACIS-012367 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	40.987421529132	Nominal RA [deg]
dec_nom	40.972896236089	Nominal Dec [deg]
roll_nom	217.83733086865	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7174.3320190907	Sum of GTIs [s]
livetime	7083.4863072008	Livetime [s]
ontime0	7174.2909790874	Sum of GTIs [s]
ontime1	7174.2499390841	Sum of GTIs [s]
ontime2	7174.2088990808	Sum of GTIs [s]
ontime3	7171.1320587993	Sum of GTIs [s]
ontime6	7174.1678590775	Sum of GTIs [s]
ontime7	7174.3320190907	Sum of GTIs [s]
l2events	464593	Number of level 2 events

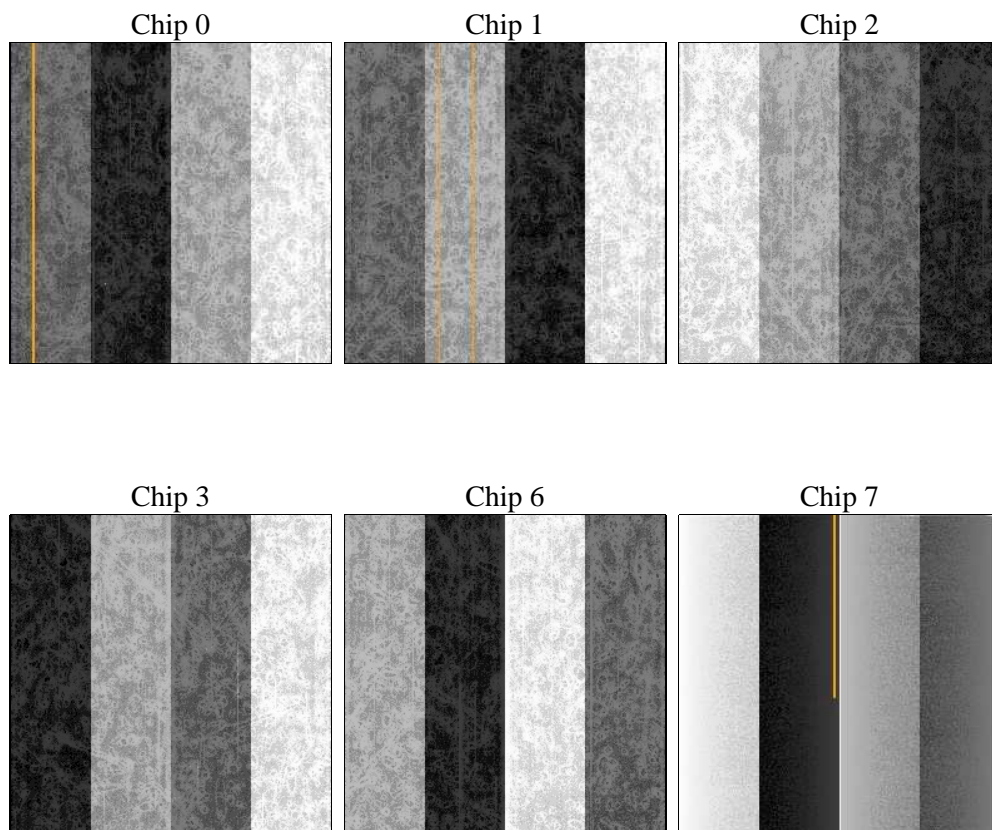
2 OBI

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	8.4.4	Processing system revision	ontime	7174.3320190907	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	7174.2909790874	Sum of GTIs [s]
date	2012-05-24T15:52:48	Date and time of file creation	ontime1	7174.2499390841	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	7174.2088990808	Sum of GTIs [s]
			ontime3	7171.1320587993	Sum of GTIs [s]
			ontime6	7174.1678590775	Sum of GTIs [s]
			ontime7	7174.3320190907	Sum of GTIs [s]
			l1events	880789	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	140349	138224	142177	143226	146735	170078	grade 0 events	40704	40359	41814	42409	41833	21004
rejected events	64883	62395	66578	66707	67853	61683		29%	29%	29%	29%	28%	12%
rejected %	46%	45%	46%	46%	46%	36%	grade 1 events	285	250	343	332	257	139
								0%	0%	0%	0%	0%	0%
							grade 2 events	13765	14382	13096	13378	14331	23924
								9%	10%	9%	9%	9%	14%
							grade 3 events	5148	5087	5179	5258	5119	10263
								3%	3%	3%	3%	3%	6%
							grade 4 events	4931	4991	5198	5186	5188	10284
								3%	3%	3%	3%	3%	6%
							grade 5 events	3469	3561	3373	3822	3849	9983
								2%	2%	2%	2%	2%	5%
							grade 6 events	11872	11930	11216	11198	13312	44258
								8%	8%	7%	7%	9%	26%
							grade 7 events	60175	57664	61958	61643	62846	50223
								42%	41%	43%	43%	42%	29%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	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	40.98742152913196	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	40.97289623608896	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	217.8373308686473	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.6828225247311905			
[mm] SIM defocus	0.1037507710433287	0.8505141146731063			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	343636199.498774	343636198.47377			
Observation start date	2008-11-21T06:29:59	2008-11-21T06:29:58			
[s] Observation end time (MET)	343658974.999898	343658973.97489			
Observation end date	2008-11-21T12:49:35	2008-11-21T12:49:33			
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)	2012.05.31
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.1743320190907

A.2 Comments