

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57459 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 25 2012

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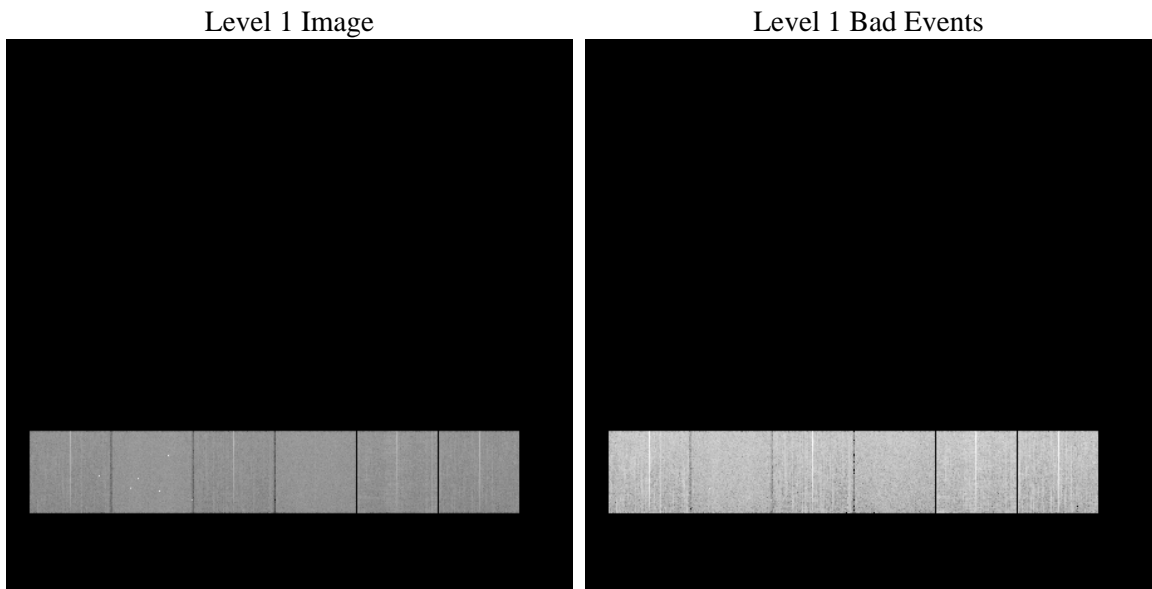
1 Front

seq_num	 	Sequence number
obs_id	57459	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	49.012667894999	Nominal RA [deg]
dec_nom	33.969014577165	Nominal Dec [deg]
roll_nom	249.39926433494	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8271.999969244	Sum of GTIs [s]
livetime	8167.254924833	Livetime [s]
ontime4	8271.999969244	Sum of GTIs [s]
ontime5	8271.999969244	Sum of GTIs [s]
ontime6	8271.999969244	Sum of GTIs [s]
ontime7	8271.999969244	Sum of GTIs [s]
ontime8	8271.999969244	Sum of GTIs [s]
ontime9	8271.999969244	Sum of GTIs [s]
l2events	562001	Number of level 2 events

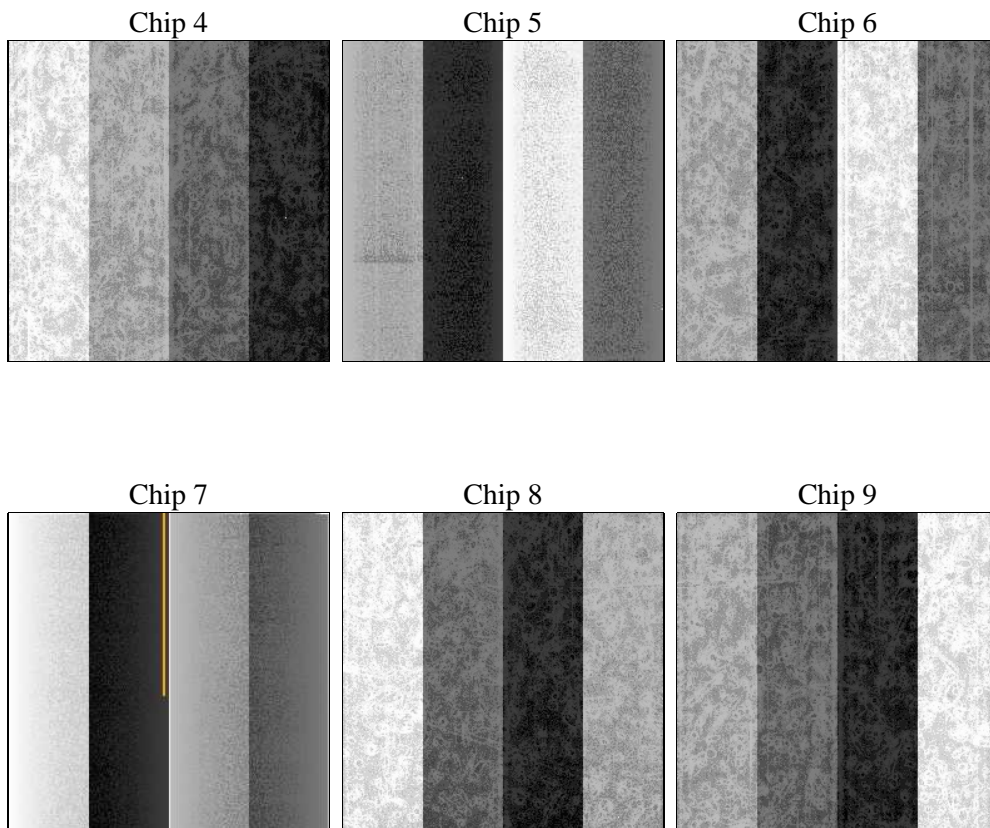
2 OBI

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	8271.999969244	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8271.999969244	Sum of GTIs [s]
date	2012-05-25T21:00:01	Date and time of file creation	ontime5	8271.999969244	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8271.999969244	Sum of GTIs [s]
			ontime7	8271.999969244	Sum of GTIs [s]
			ontime8	8271.999969244	Sum of GTIs [s]
			ontime9	8271.999969244	Sum of GTIs [s]
			l1events	1069028	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	164251	196546	165792	190670	186294	165475	grade 0 events	49179	22052	47323	23673	51411	46991
rejected events	79010	71594	76126	67864	83401	78170		29%	11%	28%	12%	27%	28%
rejected %	48%	36%	45%	35%	44%	47%	grade 1 events	502	245	295	170	365	377
								0%	0%	0%	0%	0%	0%
							grade 2 events	13545	43370	15865	26505	19146	15182
								8%	22%	9%	13%	10%	9%
							grade 3 events	5842	5914	5894	11607	7336	5928
								3%	3%	3%	6%	3%	3%
							grade 4 events	5899	5702	5728	11359	7169	5805
								3%	2%	3%	5%	3%	3%
							grade 5 events	4135	9955	4380	11226	5786	4810
								2%	5%	2%	5%	3%	2%
							grade 6 events	10776	47914	14856	49662	17831	13399
								6%	24%	8%	26%	9%	8%
							grade 7 events	74373	61394	71451	56468	77250	72983
								45%	31%	43%	29%	41%	44%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-456789	ACIS-456789
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	49.01266789499942
[deg] Pointing Dec	0	33.96901457716486
[deg] Pointing Roll	0.0	249.399264334944
[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)	345016753.61694	345016752.59194
Observation start date	2008-12-07T05:59:14	2008-12-07T05:59:12
[s] Observation end time (MET)	345030029.417596	345030028.3926
Observation end date	2008-12-07T09:40:29	2008-12-07T09:40:28
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
Number of optional ACIS chips dropped	0	0
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.06.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.271999969244

A.2 Comments