

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57307 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 30 2012

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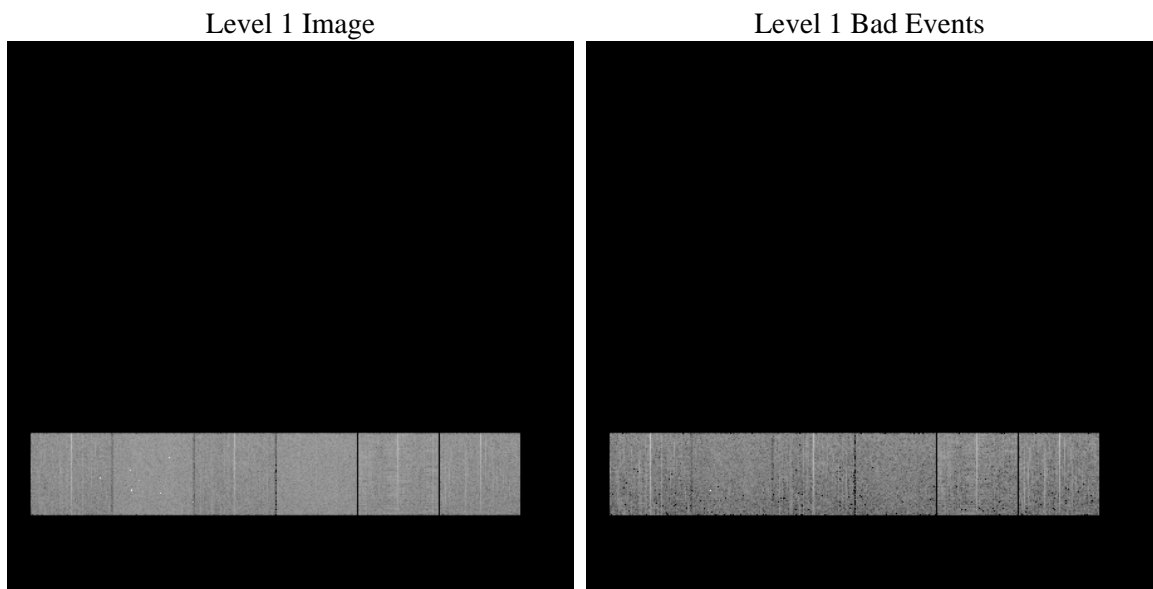
1 Front

seq_num	 	Sequence number
obs_id	57307	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	155.96451198482	Nominal RA [deg]
dec_nom	36.496692133453	Nominal Dec [deg]
roll_nom	153.70826523031	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4037.1224873662	Sum of GTIs [s]
livetime	3986.0020115679	Livetime [s]
ontime4	4036.9993673563	Sum of GTIs [s]
ontime5	4037.0814473629	Sum of GTIs [s]
ontime6	4037.0404073596	Sum of GTIs [s]
ontime7	4037.1224873662	Sum of GTIs [s]
ontime8	4036.958327353	Sum of GTIs [s]
ontime9	4037.1635273695	Sum of GTIs [s]
l2events	268473	Number of level 2 events

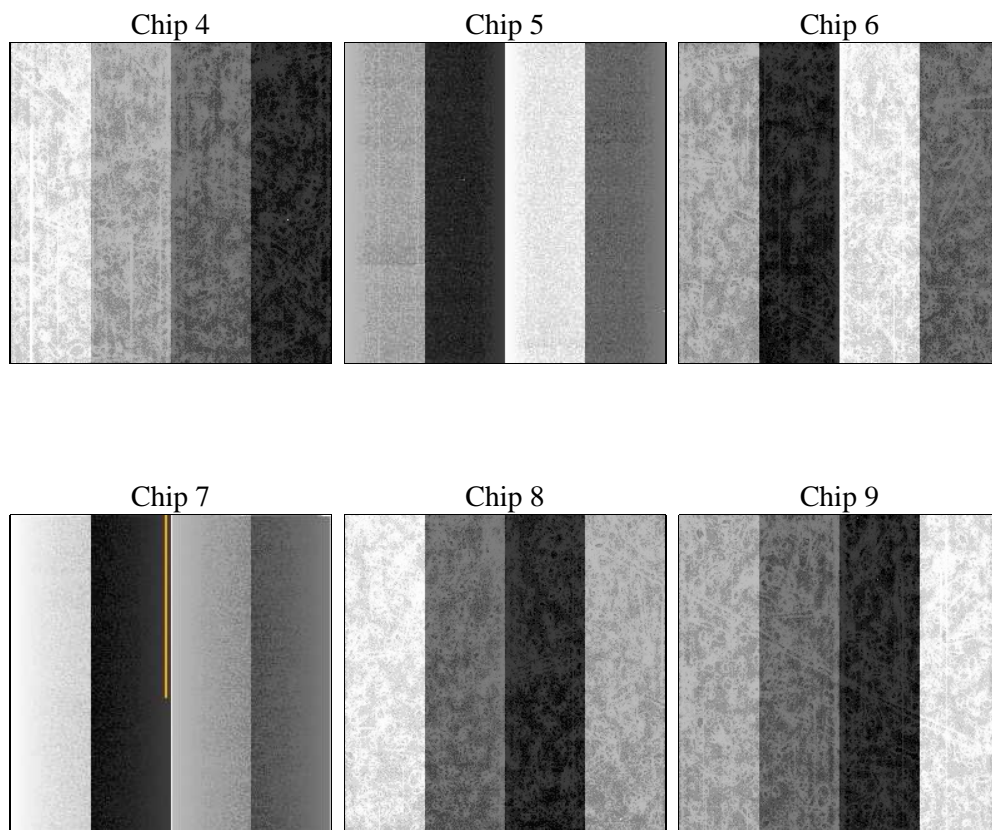
2 OBI

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	4037.1224873662	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	4036.9993673563	Sum of GTIs [s]
date	2012-05-30T23:48:45	Date and time of file creation	ontime5	4037.0814473629	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	4037.0404073596	Sum of GTIs [s]
			ontime7	4037.1224873662	Sum of GTIs [s]
			ontime8	4036.958327353	Sum of GTIs [s]
			ontime9	4037.1635273695	Sum of GTIs [s]
			l1events	527159	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	80778	98056	80978	93939	92151	81257	grade 0 events	23170	9661	22166	11223	24326	21823
rejected events	40372	37349	38570	34423	43140	40249		28%	9%	27%	11%	26%	26%
rejected %	49%	38%	47%	36%	46%	49%	grade 1 events	225	127	141	87	208	180
								0%	0%	0%	0%	0%	0%
							grade 2 events	6456	21709	7554	12979	9226	7265
								7%	22%	9%	13%	10%	8%
							grade 3 events	2756	2750	2871	5490	3621	2817
								3%	2%	3%	5%	3%	3%
							grade 4 events	2806	2765	2806	5452	3500	2756
								3%	2%	3%	5%	3%	3%
							grade 5 events	2096	5315	2242	5600	2778	2408
								2%	5%	2%	5%	3%	2%
							grade 6 events	5218	23822	7011	24372	8338	6347
								6%	24%	8%	25%	9%	7%
							grade 7 events	38051	31907	36187	28736	40154	37661
								47%	32%	44%	30%	43%	46%

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	155.9645119848161
[deg] Pointing Dec	0	36.49669213345313
[deg] Pointing Roll	0.0	153.7082652303117
[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)	350734318.69992	350734317.67491
Observation start date	2009-02-11T10:11:59	2009-02-11T10:11:57
[s] Observation end time (MET)	350740079.200206	350740078.17519
Observation end date	2009-02-11T11:47:59	2009-02-11T11:47:58
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	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.06.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.0371224873662

A.2 Comments