

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 57051 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 8 2012

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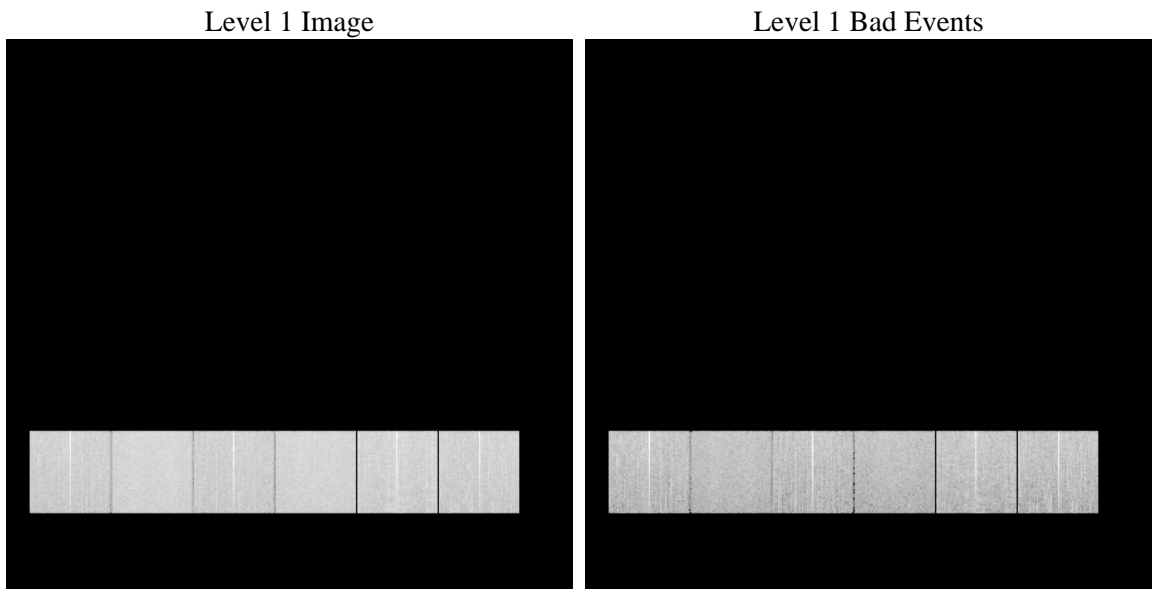
1 Front

seq_num	 	Sequence number
obs_id	57051	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	252.03970537983	Nominal RA [deg]
dec_nom	-46.491173034207	Nominal Dec [deg]
roll_nom	345.0647295398	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8341.2954677343	Sum of GTIs [s]
livetime	8235.6729619967	Livetime [s]
ontime4	8341.1723477244	Sum of GTIs [s]
ontime5	8341.254427731	Sum of GTIs [s]
ontime6	8341.2133877277	Sum of GTIs [s]
ontime7	8341.2954677343	Sum of GTIs [s]
ontime8	8341.1313077211	Sum of GTIs [s]
ontime9	8341.3365077376	Sum of GTIs [s]
l2events	521731	Number of level 2 events

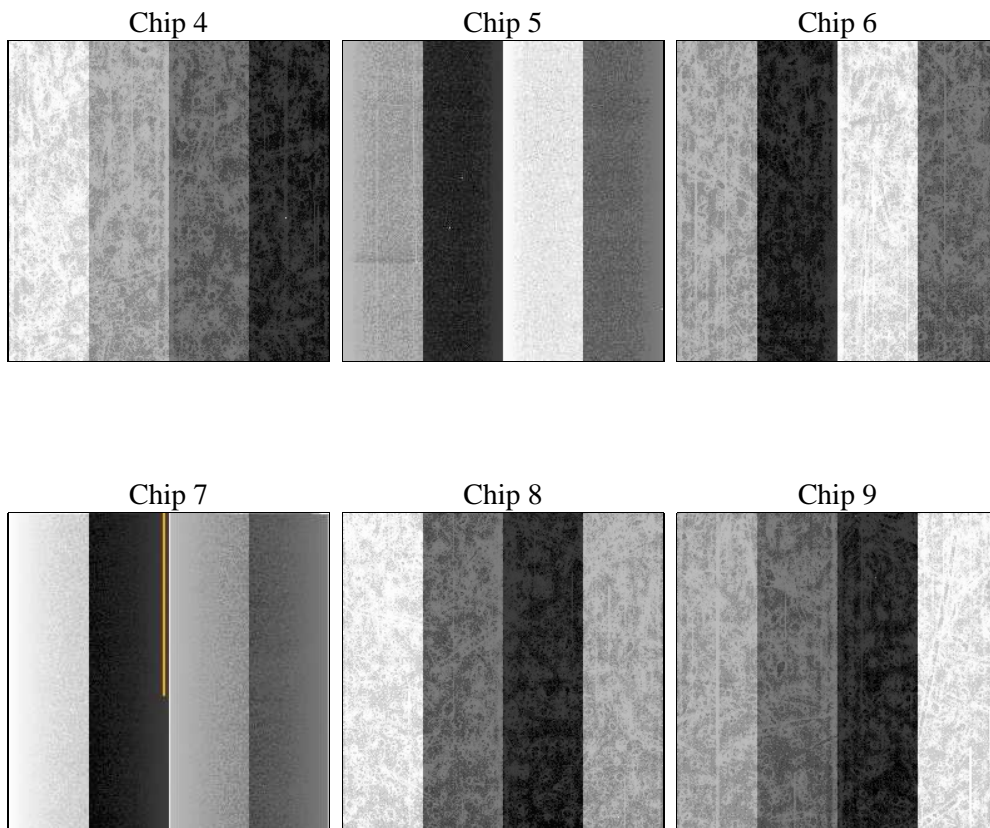
2 OBI

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	8.4.5	Processing system revision	ontime	8341.2954677343	Sum of GTIs [s]
caldsver	4.4.10	 	ontime4	8341.1723477244	Sum of GTIs [s]
date	2012-06-08T20:47:04	Date and time of file creation	ontime5	8341.254427731	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8341.2133877277	Sum of GTIs [s]
			ontime7	8341.2954677343	Sum of GTIs [s]
			ontime8	8341.1313077211	Sum of GTIs [s]
			ontime9	8341.3365077376	Sum of GTIs [s]
			l1events	1075327	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	166312	196473	165598	191611	187158	168175	grade 0 events	43514	14366	42390	21311	47519	42993
rejected events	90600	79527	85137	75058	92205	88689		26%	7%	25%	11%	25%	25%
rejected %	54%	40%	51%	39%	49%	52%	grade 1 events	437	209	261	187	354	341
								0%	0%	0%	0%	0%	0%
							grade 2 events	12116	43872	14760	25625	17758	14013
								7%	22%	8%	13%	9%	8%
							grade 3 events	5376	4704	5341	10741	7127	5413
								3%	2%	3%	5%	3%	3%
							grade 4 events	5469	4858	5260	10447	6878	5348
								3%	2%	3%	5%	3%	3%
							grade 5 events	4398	9744	4503	11304	5971	5076
								2%	4%	2%	5%	3%	3%
							grade 6 events	10228	50646	13786	49952	16834	12662
								6%	25%	8%	26%	8%	7%
							grade 7 events	84774	68074	79297	62044	84717	82329
								50%	34%	47%	32%	45%	48%

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	252.0397053798287
[deg] Pointing Dec	0	-46.49117303420747
[deg] Pointing Roll	0.0	345.0647295397956
[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)	361013423.061223	361013422.03621
Observation start date	2009-06-10T09:30:23	2009-06-10T09:30:22
[s] Observation end time (MET)	361024491.011777	361024489.98676
Observation end date	2009-06-10T12:34:51	2009-06-10T12:34:49
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.06.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.3412954677343

A.2 Comments