

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61967 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Aug 31 2012

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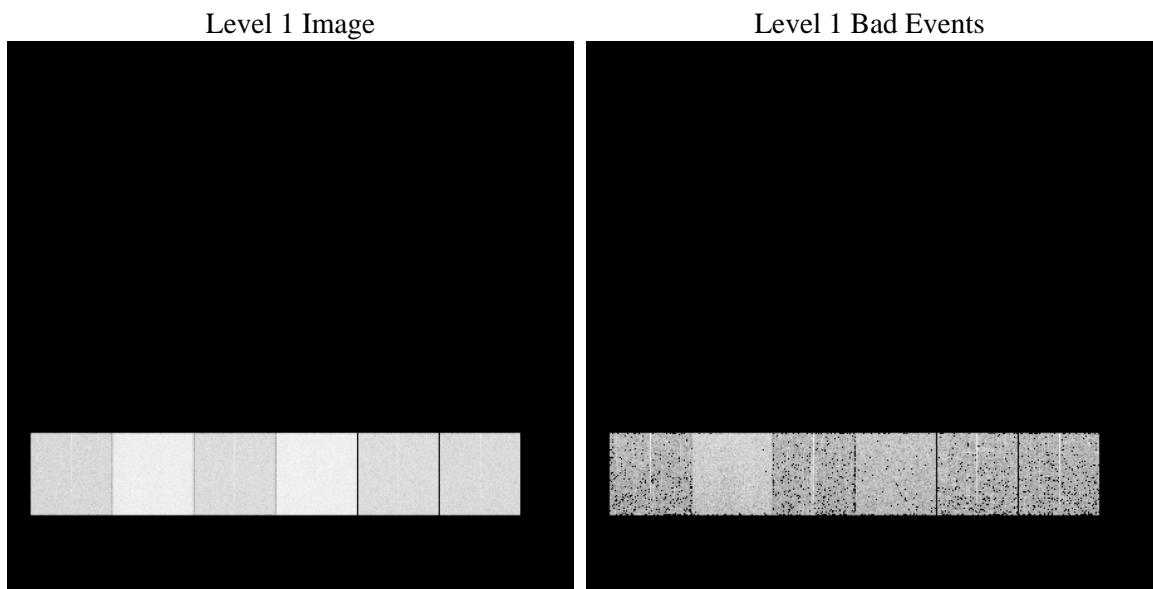
1 Front

seq_num	 	Sequence number
obs_id	61967	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	176.83532767599	Nominal RA [deg]
dec_nom	-44.386626625543	Nominal Dec [deg]
roll_nom	216.14647283566	Nominal Roll [deg]
revision	4	Processing version of data
ontime	3684.7337915748	Sum of GTIs [s]
livetime	3638.0754736256	Livetime [s]
ontime4	1645.9811933488	Sum of GTIs [s]
ontime5	3973.1809767485	Sum of GTIs [s]
ontime6	1762.8132095784	Sum of GTIs [s]
ontime7	3684.7337915748	Sum of GTIs [s]
ontime8	1772.5364990979	Sum of GTIs [s]
ontime9	1691.191712901	Sum of GTIs [s]
l2events	1059334	Number of level 2 events

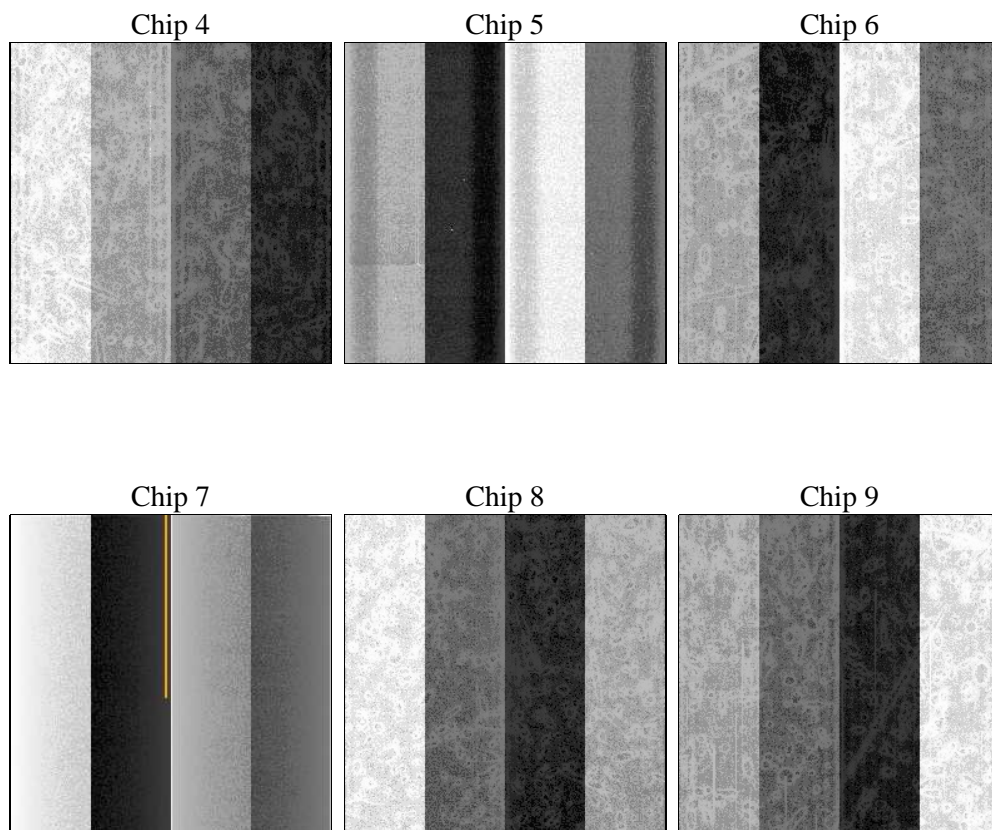
2 OBI

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	3684.7337915748	Sum of GTIs [s]
caldbver	4.5.1.1	 	ontime4	1645.9811933488	Sum of GTIs [s]
date	2012-08-31T20:45:51	Date and time of file creation	ontime5	3973.1809767485	Sum of GTIs [s]
revision	4	Processing version of data	ontime6	1762.8132095784	Sum of GTIs [s]
			ontime7	3684.7337915748	Sum of GTIs [s]
			ontime8	1772.5364990979	Sum of GTIs [s]
			ontime9	1691.191712901	Sum of GTIs [s]
			l1events	1223012	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	138506	303383	159035	314628	160717	146743	grade 0 events	70055	59245	79662	75780	81424	73867
rejected events	15372	34299	15746	21333	16785	14674		50%	19%	50%	24%	50%	50%
rejected %	11%	11%	9%	6%	10%	9%	grade 1 events	358	194	365	205	364	368
								0%	0%	0%	0%	0%	0%
							grade 2 events	22967	106408	25194	65682	25569	23577
								16%	35%	15%	20%	15%	16%
							grade 3 events	7408	15689	8769	30298	9111	8279
								5%	5%	5%	9%	5%	5%
							grade 4 events	7300	15549	8810	29937	8933	8113
								5%	5%	5%	9%	5%	5%
							grade 5 events	1020	6285	1141	4043	1144	1091
								0%	2%	0%	1%	0%	0%
							grade 6 events	17201	76121	23116	95739	21001	20342
								12%	25%	14%	30%	13%	13%
							grade 7 events	12197	23892	11978	12944	13171	11106
								8%	7%	7%	4%	8%	7%

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	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	176.8353276759908	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-44.38662662554309	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	216.1464728356582			
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	82505661.19599999	82505660.42731			
Observation start date	2000-08-12T22:14:21	2000-08-12T22:14:20			
[s] Observation end time (MET)	82516171.546	82516170.777703			
Observation end date	2000-08-13T01:09:32	2000-08-13T01:09:30			
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)	2012.09.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.6847337915748

A.2 Comments