

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 58921 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 3 2012

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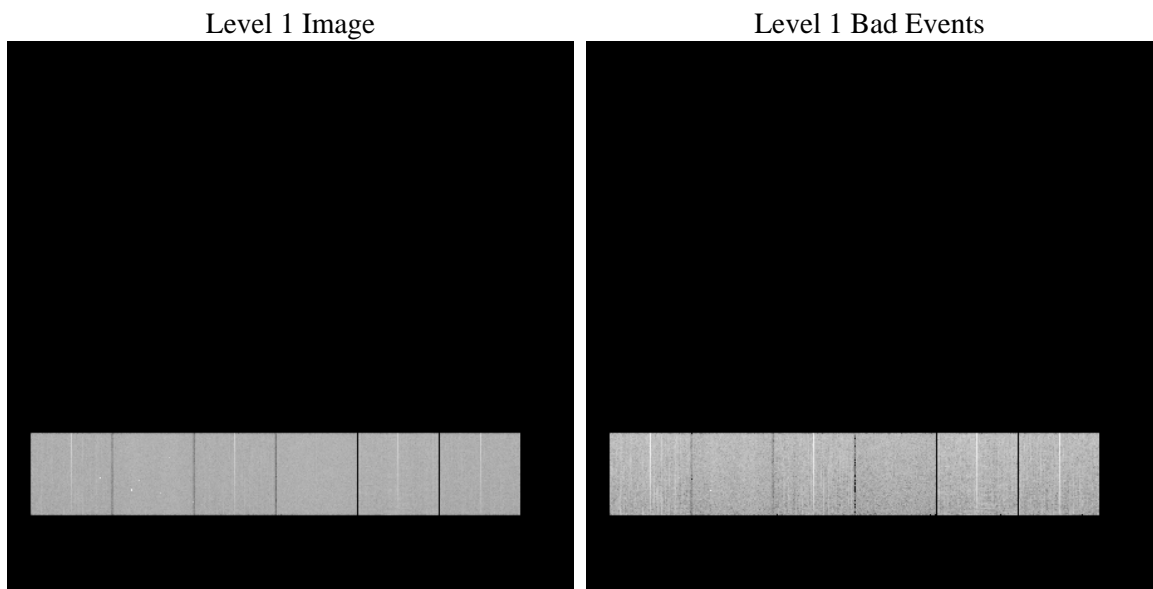
1 Front

seq_num	 	Sequence number
obs_id	58921	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	250.04356296922	Nominal RA [deg]
dec_nom	-49.00111609034	Nominal Dec [deg]
roll_nom	324.93932736194	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8184.5703870654	Sum of GTIs [s]
livetime	8080.9324286678	Livetime [s]
ontime4	8184.4472670555	Sum of GTIs [s]
ontime5	8184.5293470621	Sum of GTIs [s]
ontime6	8184.4883070588	Sum of GTIs [s]
ontime7	8184.5703870654	Sum of GTIs [s]
ontime8	8184.406227082	Sum of GTIs [s]
ontime9	8184.6114270687	Sum of GTIs [s]
l2events	898931	Number of level 2 events

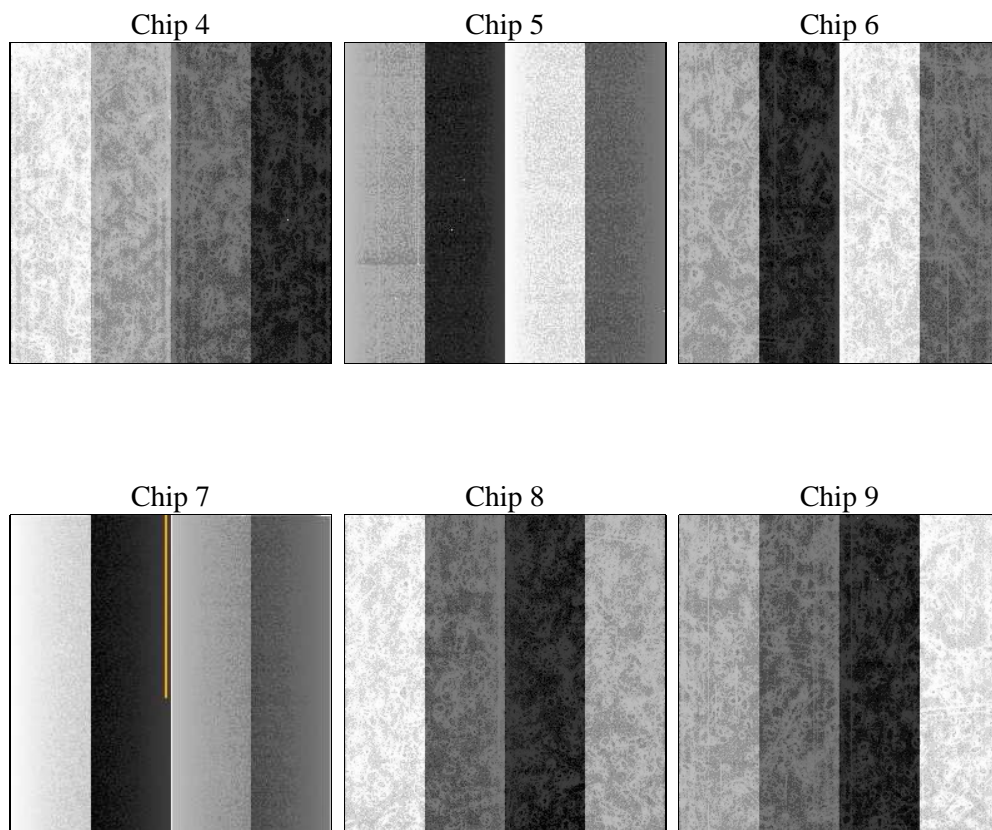
2 OBI

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	8.4.3	Processing system revision	ontime	8184.5703870654	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8184.4472670555	Sum of GTIs [s]
date	2012-04-03T14:25:58	Date and time of file creation	ontime5	8184.5293470621	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8184.4883070588	Sum of GTIs [s]
			ontime7	8184.5703870654	Sum of GTIs [s]
			ontime8	8184.406227082	Sum of GTIs [s]
			ontime9	8184.6114270687	Sum of GTIs [s]
			l1events	1415340	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	228688	237125	231528	243342	248596	226061	grade 0 events	86102	26623	83481	39897	89059	83474
rejected events	84241	70386	76733	62450	83108	76147		37%	11%	36%	16%	35%	36%
rejected %	36%	29%	33%	25%	33%	33%	grade 1 events	749	249	502	185	492	549
								0%	0%	0%	0%	0%	0%
							grade 2 events	21633	65804	28044	40287	29592	25330
								9%	27%	12%	16%	11%	11%
							grade 3 events	9837	7749	9707	17481	11270	9793
								4%	3%	4%	7%	4%	4%
							grade 4 events	9887	7450	9543	17320	10953	9924
								4%	3%	4%	7%	4%	4%
							grade 5 events	4053	8943	4217	9791	5295	4571
								1%	3%	1%	4%	2%	2%
							grade 6 events	18644	60967	25750	67911	26455	23012
								8%	25%	11%	27%	10%	10%
							grade 7 events	77783	59340	70284	50470	75480	69408
								34%	25%	30%	20%	30%	30%

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	250.0435629692192	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-49.00111609033995	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	324.9393273619377			
[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)	267102716.309928	267102715.28491			
Observation start date	2006-06-19T11:11:56	2006-06-19T11:11:55			
[s] Observation end time (MET)	267126572.161045	267126571.13603			
Observation end date	2006-06-19T17:49:32	2006-06-19T17:49:31			
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)	2012.04.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1845703870654

A.2 Comments