

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61362 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 30 2012

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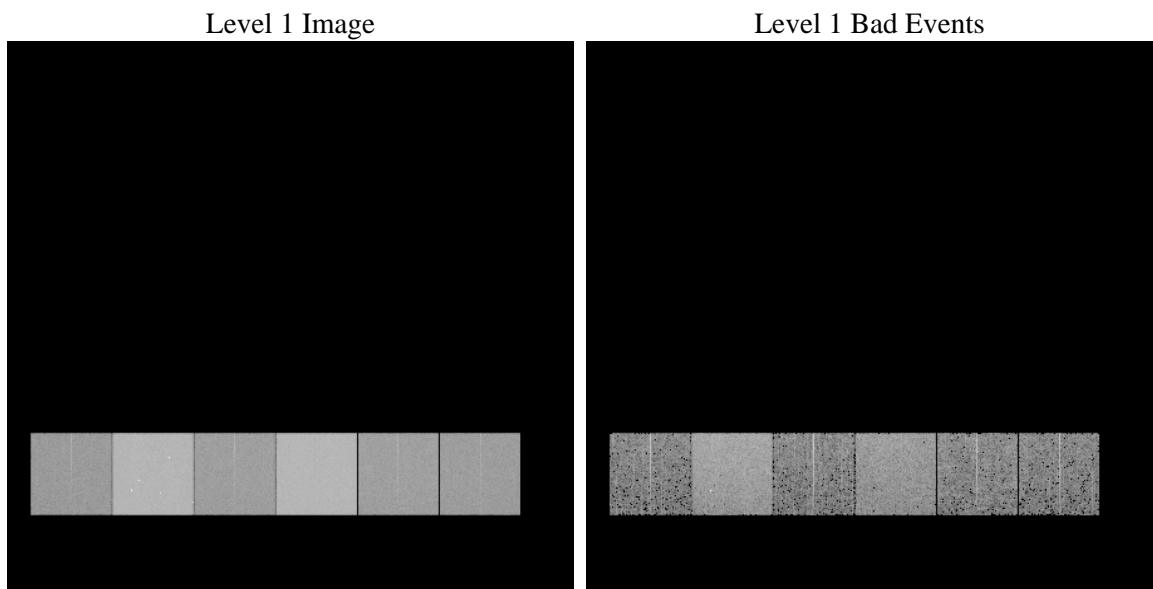
1 Front

seq_num	 	Sequence number
obs_id	61362	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	354.02529594587	Nominal RA [deg]
dec_nom	11.985598660361	Nominal Dec [deg]
roll_nom	297.01732505431	Nominal Roll [deg]
revision	3	Processing version of data
ontime	6723.2738321126	Sum of GTIs [s]
livetime	6638.1396905809	Livetime [s]
ontime4	2569.396541208	Sum of GTIs [s]
ontime5	7202.9352119565	Sum of GTIs [s]
ontime6	2783.2638914734	Sum of GTIs [s]
ontime7	6723.2738321126	Sum of GTIs [s]
ontime8	2877.3358622193	Sum of GTIs [s]
ontime9	2749.824018389	Sum of GTIs [s]
l2events	1308777	Number of level 2 events

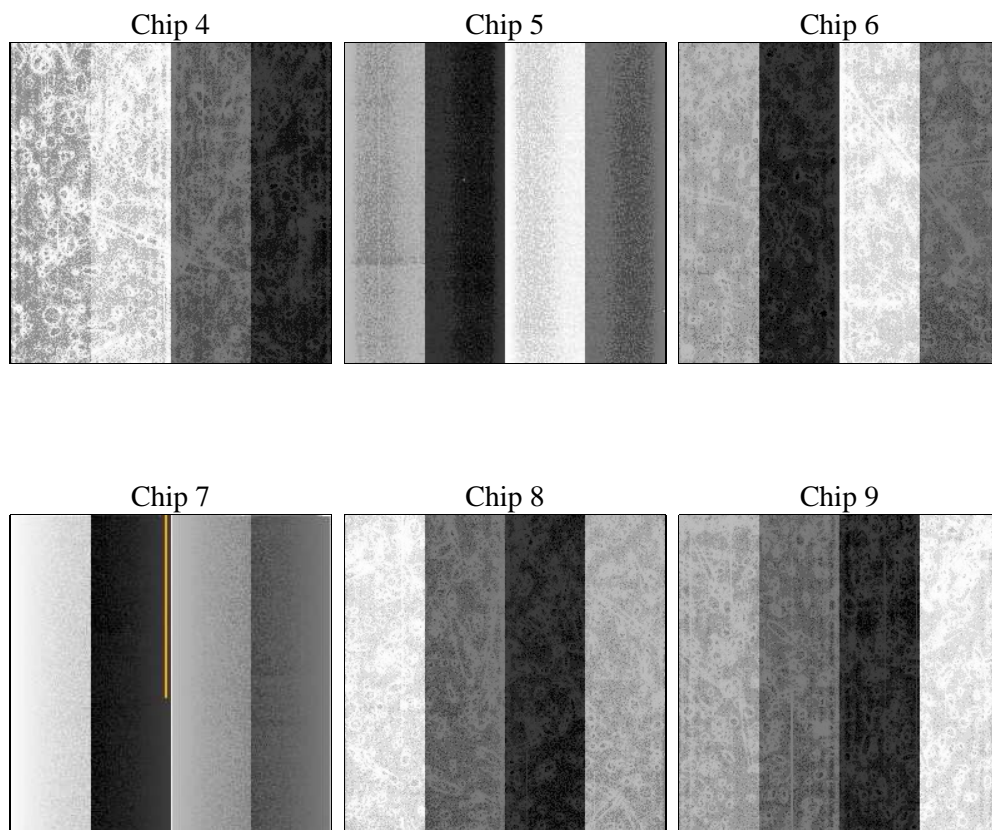
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	6723.2738321126	Sum of GTIs [s]
caldsver	4.5.2	 	ontime4	2569.396541208	Sum of GTIs [s]
date	2012-09-30T03:54:26	Date and time of file creation	ontime5	7202.9352119565	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	2783.2638914734	Sum of GTIs [s]
			ontime7	6723.2738321126	Sum of GTIs [s]
			ontime8	2877.3358622193	Sum of GTIs [s]
			ontime9	2749.824018389	Sum of GTIs [s]
			l1events	1543164	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	158836	412460	184216	422322	191368	173962	grade 0 events	78206	88362	89089	97962	92512	84917
rejected events	20954	51480	21976	37007	23651	20383		49%	21%	48%	23%	48%	48%
rejected %	13%	12%	11%	8%	12%	11%	grade 1 events	385	288	437	301	466	373
								0%	0%	0%	0%	0%	0%
							grade 2 events	24776	129682	28382	85585	29697	27254
								15%	31%	15%	20%	15%	15%
							grade 3 events	8643	23295	10097	39546	10696	9566
								5%	5%	5%	9%	5%	5%
							grade 4 events	8450	22597	10028	38982	10620	9776
								5%	5%	5%	9%	5%	5%
							grade 5 events	1258	9427	1577	7166	1791	1515
								0%	2%	0%	1%	0%	0%
							grade 6 events	18813	99465	25630	125761	25341	22981
								11%	24%	13%	29%	13%	13%
							grade 7 events	18305	39344	18976	27019	20245	17580
								11%	9%	10%	6%	10%	10%

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	354.0252959458716	Alternating exposures requested	N	N
[deg] Pointing Dec	0	11.98559866036076	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	297.0173250543141			
[mm] SIM focus pos	-0.684267	-1.038866356238299			
[mm] SIM defocus	0	0.4944702831659975			
[mm] SIM translation stage pos	-190.132523	250.4635187648994			
[mm] SIM translation stage offset	0	-0.007540371344731511			
[s] Observation start time (MET)	126364621.598177	126364620.82973			
Observation start date	2002-01-02T13:17:02	2002-01-02T13:17:00			
[s] Observation end time (MET)	126386638.59906	126386637.83061			
Observation end date	2002-01-02T19:23:59	2002-01-02T19:23:57			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.10.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.7232738321126

A.2 Comments