

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 58644 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 15 2012

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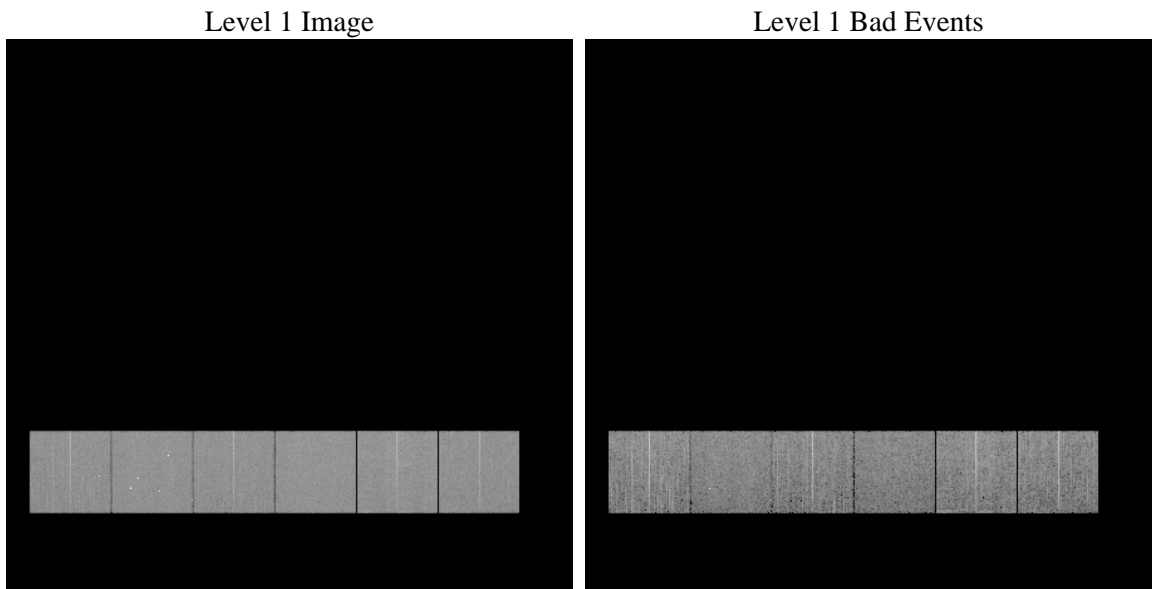
1 Front

seq_num	 	Sequence number
obs_id	58644	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	62.488151866789	Nominal RA [deg]
dec_nom	43.971709492497	Nominal Dec [deg]
roll_nom	230.77829150664	Nominal Roll [deg]
revision	2	Processing version of data
ontime	6271.0450013876	Sum of GTIs [s]
livetime	6191.6372536101	Livetime [s]
ontime4	6270.9218813777	Sum of GTIs [s]
ontime5	6271.0039613843	Sum of GTIs [s]
ontime6	6270.962921381	Sum of GTIs [s]
ontime7	6271.0450013876	Sum of GTIs [s]
ontime8	6270.8808413744	Sum of GTIs [s]
ontime9	6271.0860413909	Sum of GTIs [s]
l2events	614372	Number of level 2 events

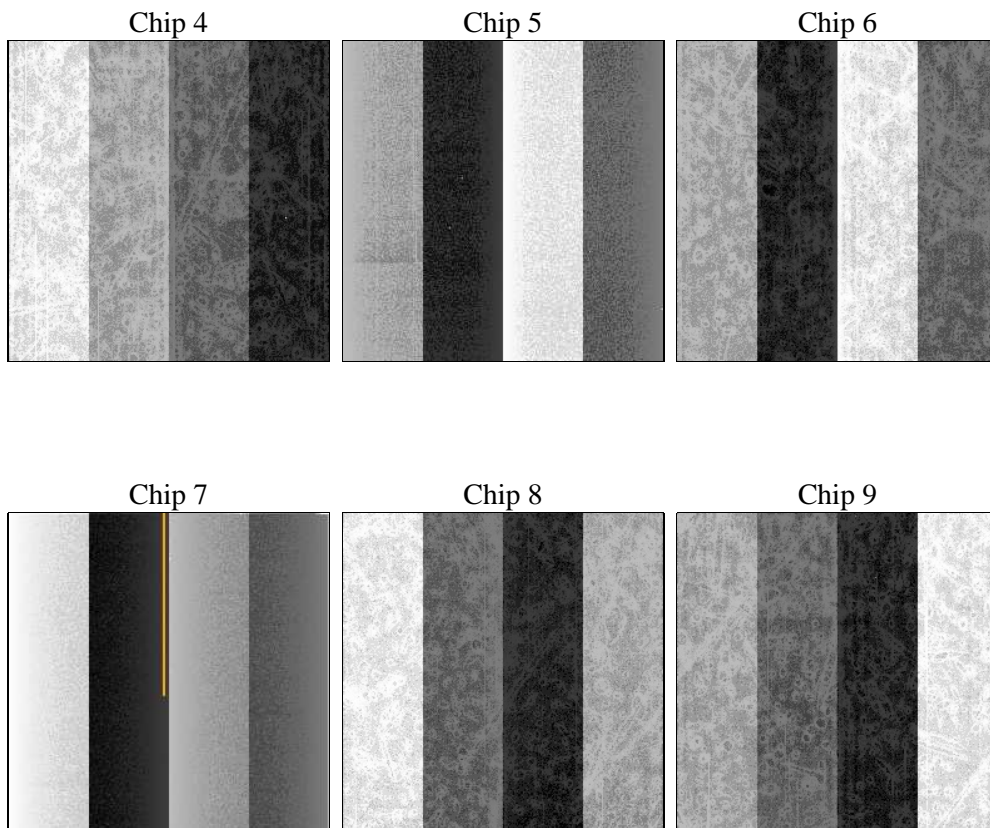
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	3	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.3.1	Processing system revision	ontime	6271.0450013876	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	6270.9218813777	Sum of GTIs [s]
date	2012-04-15T16:50:29	Date and time of file creation	ontime5	6271.0039613843	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	6270.962921381	Sum of GTIs [s]
			ontime7	6271.0450013876	Sum of GTIs [s]
			ontime8	6270.8808413744	Sum of GTIs [s]
			ontime9	6271.0860413909	Sum of GTIs [s]
			l1events	960074	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	153809	166440	155711	164980	167730	151404	grade 0 events	58576	24529	57586	27155	60175	56545
rejected events	54503	46725	48883	41925	53836	48607		38%	14%	36%	16%	35%	37%
rejected %	35%	28%	31%	25%	32%	32%	grade 1 events	510	309	289	100	325	316
								0%	0%	0%	0%	0%	0%
							grade 2 events	14918	43908	18620	27088	20322	17394
								9%	26%	11%	16%	12%	11%
							grade 3 events	6777	5513	6709	11834	7709	6709
								4%	3%	4%	7%	4%	4%
							grade 4 events	6584	5494	6609	11834	7542	6658
								4%	3%	4%	7%	4%	4%
							grade 5 events	2735	6408	2822	6922	3529	3175
								1%	3%	1%	4%	2%	2%
							grade 6 events	12451	40271	17304	45144	18146	15491
								8%	24%	11%	27%	10%	10%
							grade 7 events	51258	40008	45772	34903	49982	45116
								33%	24%	29%	21%	29%	29%

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	62.48815186678922	Alternating exposures requested	N	N
[deg] Pointing Dec	0	43.97170949249703	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	230.7782915066375			
[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)	282827645.89972	282827644.87473			
Observation start date	2006-12-18T11:14:06	2006-12-18T11:14:04			
[s] Observation end time (MET)	282842912.250442	282842911.22545			
Observation end date	2006-12-18T15:28:32	2006-12-18T15:28:31			
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)	2012.04.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.2710450013876

A.2 Comments