

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 62804 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Mar 19 2012

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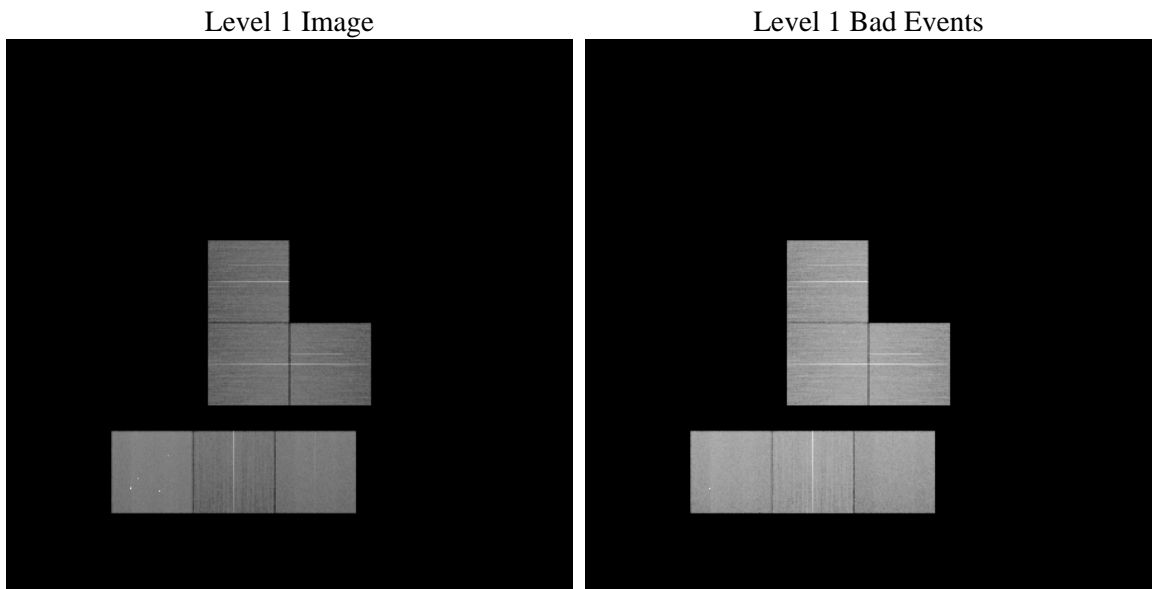
1 Front

seq_num	 	Sequence number
obs_id	62804	Observation id
title	ACIS-023567 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	192.64932227648	Nominal RA [deg]
dec_nom	27.602558737777	Nominal Dec [deg]
roll_nom	253.7890567644	Nominal Roll [deg]
revision	2	Processing version of data
ontime	48053.970091105	Sum of GTIs [s]
livetime	47445.481787184	Livetime [s]
ontime0	48053.805931091	Sum of GTIs [s]
ontime2	48047.365050375	Sum of GTIs [s]
ontime3	48053.888011098	Sum of GTIs [s]
ontime5	48053.929051101	Sum of GTIs [s]
ontime6	48050.770170808	Sum of GTIs [s]
ontime7	48053.970091105	Sum of GTIs [s]
l2events	469608	Number of level 2 events

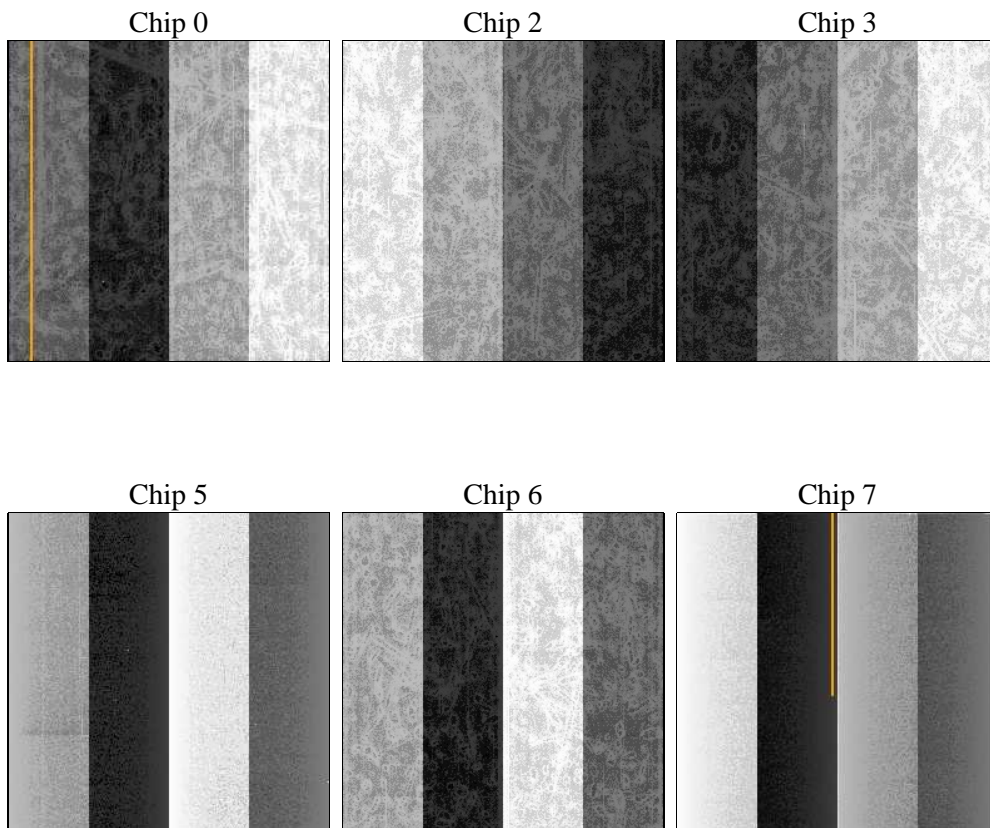
2 OBI

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	48053.970091105	Sum of GTIs [s]
caldsver	4.4.8	 	ontime0	48053.805931091	Sum of GTIs [s]
date	2012-03-19T14:23:21	Date and time of file creation	ontime2	48047.365050375	Sum of GTIs [s]
revision	2	Processing version of data	ontime3	48053.888011098	Sum of GTIs [s]
			ontime5	48053.929051101	Sum of GTIs [s]
			ontime6	48050.770170808	Sum of GTIs [s]
			ontime7	48053.970091105	Sum of GTIs [s]
			l1events	1938146	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7		ccd 0	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7
level 1 events	257886	286827	274303	461363	292859	364908	grade 0 events	10256	10249	9688	26543	10514	13863
rejected events	226837	256524	245204	230824	260605	202308		3%	3%	3%	5%	3%	3%
rejected %	87%	89%	89%	50%	88%	55%	grade 1 events	134	137	158	2364	127	430
								0%	0%	0%	0%	0%	0%
							grade 2 events	7765	7504	6712	69356	7528	33394
								3%	2%	2%	15%	2%	9%
							grade 3 events	3450	3271	3200	8555	3370	14054
								1%	1%	1%	1%	1%	3%
							grade 4 events	3165	3301	3265	8318	3401	14125
								1%	1%	1%	1%	1%	3%
							grade 5 events	12347	11466	13789	34883	14344	38036
								4%	3%	5%	7%	4%	10%
							grade 6 events	6432	5990	6246	117892	7462	87234
								2%	2%	2%	25%	2%	23%
							grade 7 events	214337	244909	231245	193452	246113	163772
								83%	85%	84%	41%	84%	44%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-023567	ACIS-023567	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	192.6493222764767	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	27.60255873777665	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	253.7890567643951	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-1.038866356238299			
[mm] SIM defocus	0.1037507710433287	0.001426264420575141			
[mm] SIM translation stage pos	250.455976	51.9960404362608			
[mm] SIM translation stage offset	0	74.98944845534076			
[s] Observation start time (MET)	426879399.20154	426879398.17658			
Observation start date	2011-07-12T17:36:39	2011-07-12T17:36:38			
[s] Observation end time (MET)	426929310.554154	426929309.52918			
Observation end date	2011-07-13T07:28:31	2011-07-13T07:28:29			
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)	2012.03.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	48.053970091105

A.2 Comments