

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 62861 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 25 2012

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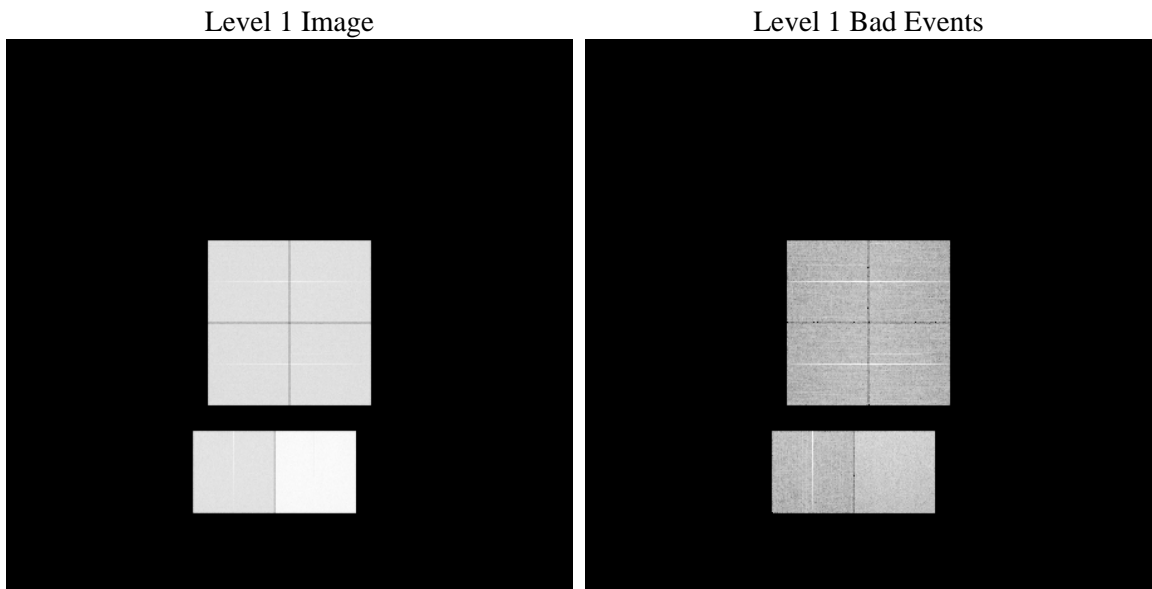
1 Front

seq_num	 	Sequence number
obs_id	62861	Observation id
title	ACIS-012367 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	136.99990711047	Nominal RA [deg]
dec_nom	40.028650940729	Nominal Dec [deg]
roll_nom	57.454418359928	Nominal Roll [deg]
revision	3	Processing version of data
ontime	27011.834974676	Sum of GTIs [s]
livetime	26669.794855653	Livetime [s]
ontime0	10763.484069854	Sum of GTIs [s]
ontime1	11110.27485016	Sum of GTIs [s]
ontime2	10413.454123661	Sum of GTIs [s]
ontime3	10657.915501788	Sum of GTIs [s]
ontime6	11531.607905582	Sum of GTIs [s]
ontime7	27011.834974676	Sum of GTIs [s]
l2events	4729002	Number of level 2 events

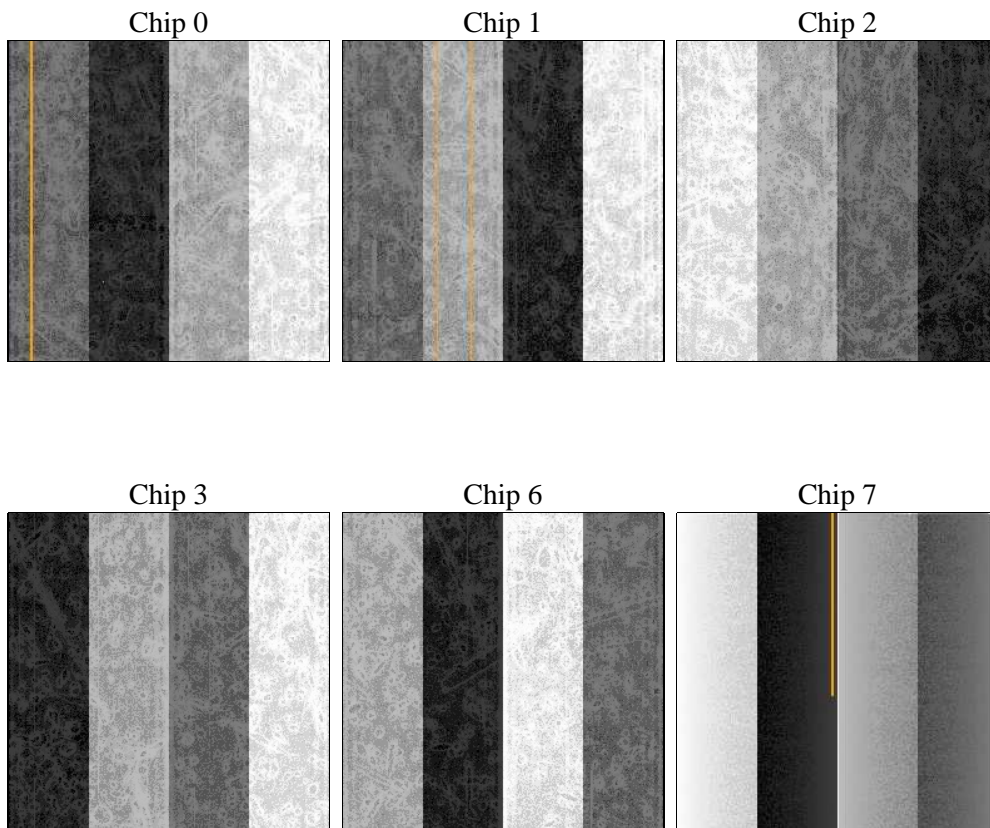
2 OBI

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	27011.834974676	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime0	10763.484069854	Sum of GTIs [s]
date	2012-09-25T03:03:14	Date and time of file creation	ontime1	11110.27485016	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	10413.454123661	Sum of GTIs [s]
			ontime3	10657.915501788	Sum of GTIs [s]
			ontime6	11531.607905582	Sum of GTIs [s]
			ontime7	27011.834974676	Sum of GTIs [s]
			l1events	5428117	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	708367	731717	696037	717251	798238	1776507	grade 0 events	350314	364085	345732	358129	392804	422809
rejected events	71729	72313	72960	77671	79015	127121		49%	49%	49%	49%	49%	23%
rejected %	10%	9%	10%	10%	9%	7%	grade 1 events	1737	1758	1670	1861	1914	1136
								0%	0%	0%	0%	0%	0%
							grade 2 events	113126	115957	109700	112251	124432	364655
								15%	15%	15%	15%	15%	20%
							grade 3 events	40114	41839	39033	40445	44235	168459
								5%	5%	5%	5%	5%	9%
							grade 4 events	40194	41639	39242	40674	44041	167030
								5%	5%	5%	5%	5%	9%
							grade 5 events	5459	5496	5051	5655	6214	27238
								0%	0%	0%	0%	0%	1%
							grade 6 events	92890	95884	89370	88276	113711	526643
								13%	13%	12%	12%	14%	29%
							grade 7 events	64533	65059	66239	69960	70887	98537
								9%	8%	9%	9%	8%	5%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	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	136.9999071104722	Alternating exposures requested	N	N
[deg] Pointing Dec	0	40.02865094072928	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	57.45441835992769			
[mm] SIM focus pos	-0.782348	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	118178118.472	118178117.7031			
Observation start date	2001-09-29T19:15:18	2001-09-29T19:15:17			
[s] Observation end time (MET)	118209784.823	118209784.05436			
Observation end date	2001-09-30T04:03:05	2001-09-30T04:03:04			
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)	2012.09.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	27.011834974676

A.2 Comments