

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61866 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 3 2012

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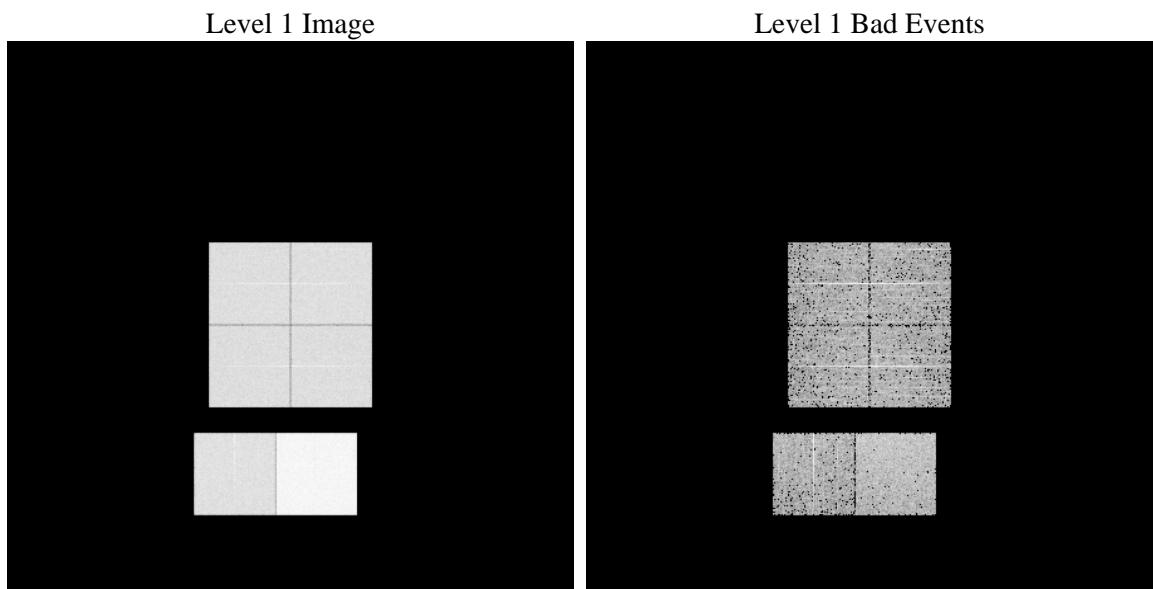
1 Front

seq_num	 	Sequence number
obs_id	61866	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	356.39623865435	Nominal RA [deg]
dec_nom	-59.492836169316	Nominal Dec [deg]
roll_nom	321.91021774596	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5466.9604483545	Sum of GTIs [s]
livetime	5397.734503349	Livetime [s]
ontime0	2382.1625898778	Sum of GTIs [s]
ontime1	2424.2956811041	Sum of GTIs [s]
ontime2	2278.4494297355	Sum of GTIs [s]
ontime3	2274.6170470715	Sum of GTIs [s]
ontime6	2485.8755106181	Sum of GTIs [s]
ontime7	5466.9604483545	Sum of GTIs [s]
l2events	1258325	Number of level 2 events

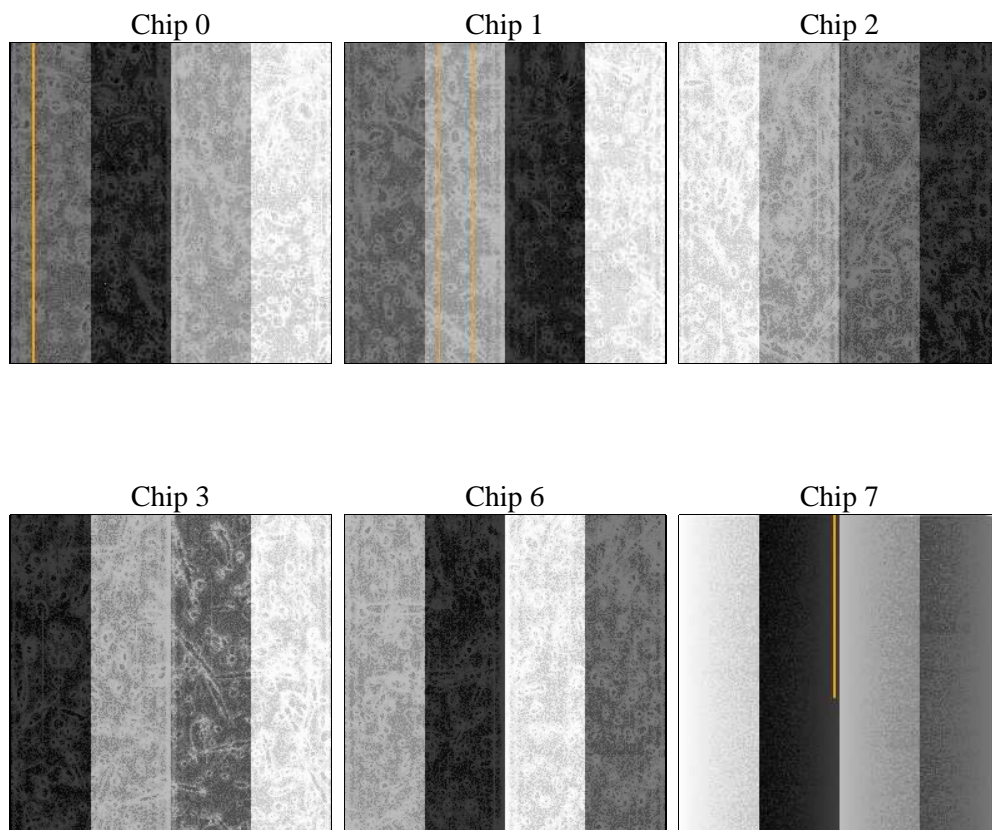
2 OBI

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	5466.9604483545	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime0	2382.1625898778	Sum of GTIs [s]
date	2012-09-03T02:13:32	Date and time of file creation	ontime1	2424.2956811041	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	2278.4494297355	Sum of GTIs [s]
			ontime3	2274.6170470715	Sum of GTIs [s]
			ontime6	2485.8755106181	Sum of GTIs [s]
			ontime7	5466.9604483545	Sum of GTIs [s]
			l1events	1429665	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	194050	198071	189863	190244	212000	445437	grade 0 events	97126	98999	96120	96053	105497	108435
rejected events	17789	18298	17907	18878	18554	27092		50%	49%	50%	50%	49%	24%
rejected %	9%	9%	9%	9%	8%	6%	grade 1 events	507	515	477	504	505	279
								0%	0%	0%	0%	0%	0%
							grade 2 events	31085	31663	30139	29976	33465	93132
								16%	15%	15%	15%	15%	20%
							grade 3 events	11284	11443	10643	10839	12120	42777
								5%	5%	5%	5%	5%	9%
							grade 4 events	11237	11407	10820	10950	11826	42778
								5%	5%	5%	5%	5%	9%
							grade 5 events	1302	1370	1278	1365	1600	6183
								0%	0%	0%	0%	0%	1%
							grade 6 events	25529	26261	24234	23548	30538	131223
								13%	13%	12%	12%	14%	29%
							grade 7 events	15980	16413	16152	17009	16449	20630
								8%	8%	8%	8%	7%	4%

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	356.3962386543519	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-59.49283616931599	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	321.9102177459573			
[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)	89316360.052	89316359.283677			
Observation start date	2000-10-30T18:06:00	2000-10-30T18:05:59			
[s] Observation end time (MET)	89364430.50399999	89364429.73549099			
Observation end date	2000-10-31T07:27:11	2000-10-31T07:27:09			
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)	2012.09.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.4669604483545

A.2 Comments