

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61809 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Sep 5 2012

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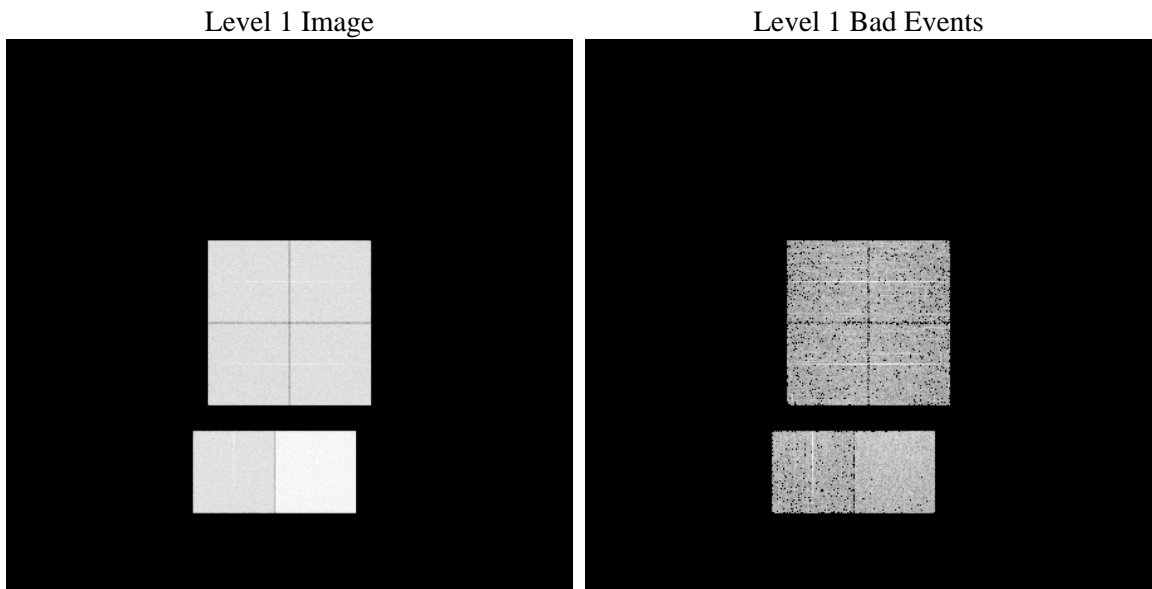
1 Front

seq_num	 	Sequence number
obs_id	61809	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	316.51986158879	Nominal RA [deg]
dec_nom	61.645953502058	Nominal Dec [deg]
roll_nom	319.27045353218	Nominal Roll [deg]
revision	4	Processing version of data
ontime	5664.98400563	Sum of GTIs [s]
livetime	5593.2505671069	Livetime [s]
ontime0	2446.146645382	Sum of GTIs [s]
ontime1	2507.7673555017	Sum of GTIs [s]
ontime2	2310.1051056236	Sum of GTIs [s]
ontime3	2416.8951755613	Sum of GTIs [s]
ontime6	2575.9111258835	Sum of GTIs [s]
ontime7	5664.98400563	Sum of GTIs [s]
l2events	1255723	Number of level 2 events

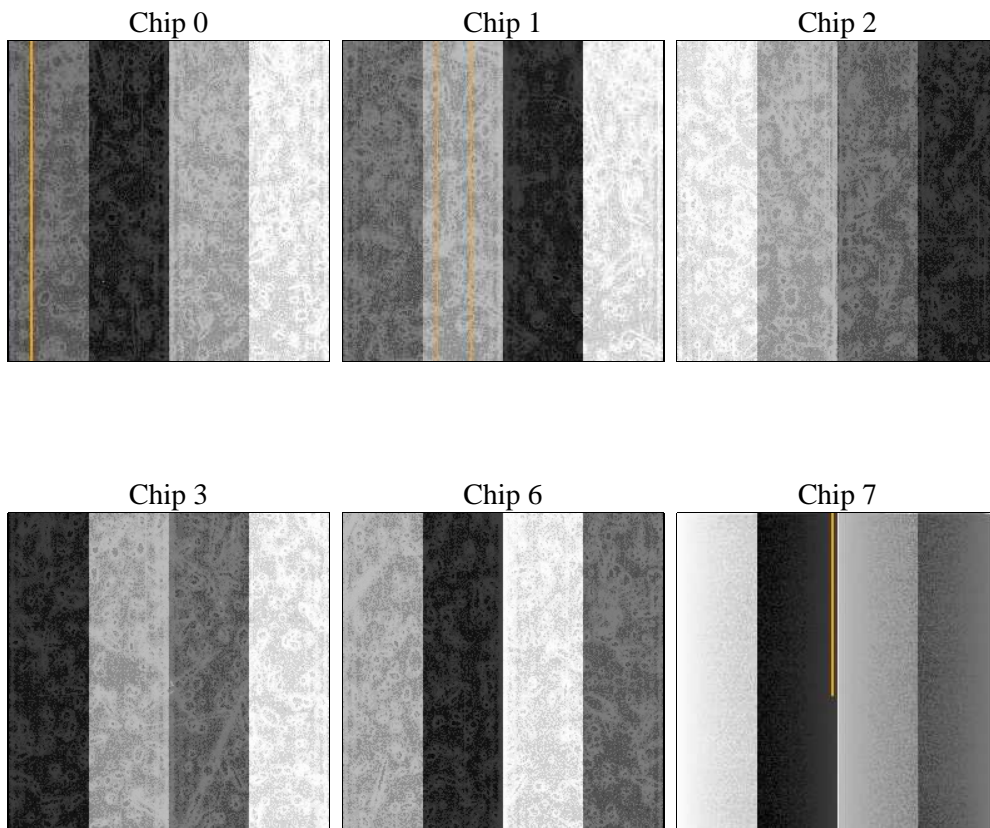
2 OBI

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	5664.98400563	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime0	2446.146645382	Sum of GTIs [s]
date	2012-09-05T05:00:23	Date and time of file creation	ontime1	2507.7673555017	Sum of GTIs [s]
revision	4	Processing version of data	ontime2	2310.1051056236	Sum of GTIs [s]
			ontime3	2416.8951755613	Sum of GTIs [s]
			ontime6	2575.9111258835	Sum of GTIs [s]
			ontime7	5664.98400563	Sum of GTIs [s]
			l1events	1429623	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	193689	198326	185626	193967	213502	444513	grade 0 events	96880	99331	93073	98158	106530	106827
rejected events	18066	18526	18390	18570	19141	27995		50%	50%	50%	50%	49%	24%
rejected %	9%	9%	9%	9%	8%	6%	grade 1 events	446	495	447	519	519	287
								0%	0%	0%	0%	0%	0%
							grade 2 events	31221	31592	29512	30708	33408	92145
								16%	15%	15%	15%	15%	20%
							grade 3 events	11083	11404	10630	11262	12013	42144
								5%	5%	5%	5%	5%	9%
							grade 4 events	11017	11462	10494	11051	11960	41992
								5%	5%	5%	5%	5%	9%
							grade 5 events	1438	1468	1379	1438	1567	6170
								0%	0%	0%	0%	0%	1%
							grade 6 events	25422	26011	23527	24218	30450	133631
								13%	13%	12%	12%	14%	30%
							grade 7 events	16182	16563	16564	16613	17055	21317
								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	316.519861588788	Alternating exposures requested	N	N
[deg] Pointing Dec	0	61.64595350205808	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	319.2704535321795			
[mm] SIM focus pos	-0.782348	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	93886041.876	93886041.107821			
Observation start date	2000-12-22T15:27:22	2000-12-22T15:27:21			
[s] Observation end time (MET)	93897745.32700001	93897744.55826899			
Observation end date	2000-12-22T18:42:25	2000-12-22T18:42:24			
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)	2012.09.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.66498400563

A.2 Comments