

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60571 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 2 2012

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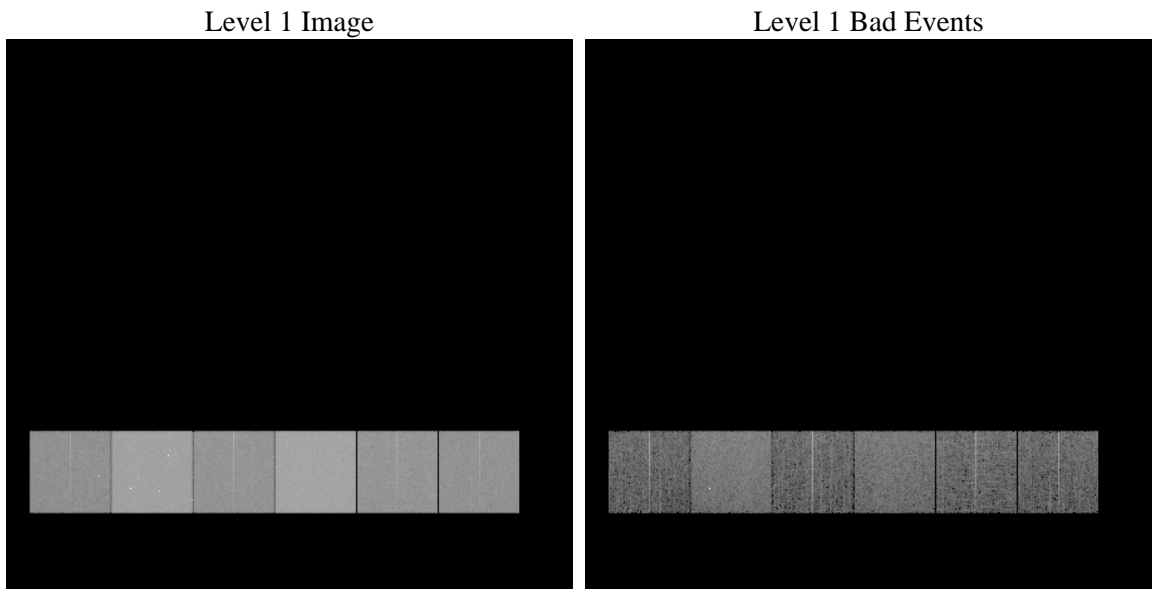
1 Front

seq_num	 	Sequence number
obs_id	60571	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	332.00882401655	Nominal RA [deg]
dec_nom	-7.0272608413	Nominal Dec [deg]
roll_nom	254.9329491727	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8405.919151634	Sum of GTIs [s]
livetime	8299.4783418991	Livetime [s]
ontime4	4177.6871805191	Sum of GTIs [s]
ontime5	8405.8781116307	Sum of GTIs [s]
ontime6	4623.6207295954	Sum of GTIs [s]
ontime7	8405.919151634	Sum of GTIs [s]
ontime8	4733.7323453128	Sum of GTIs [s]
ontime9	4455.2124787271	Sum of GTIs [s]
l2events	1235936	Number of level 2 events

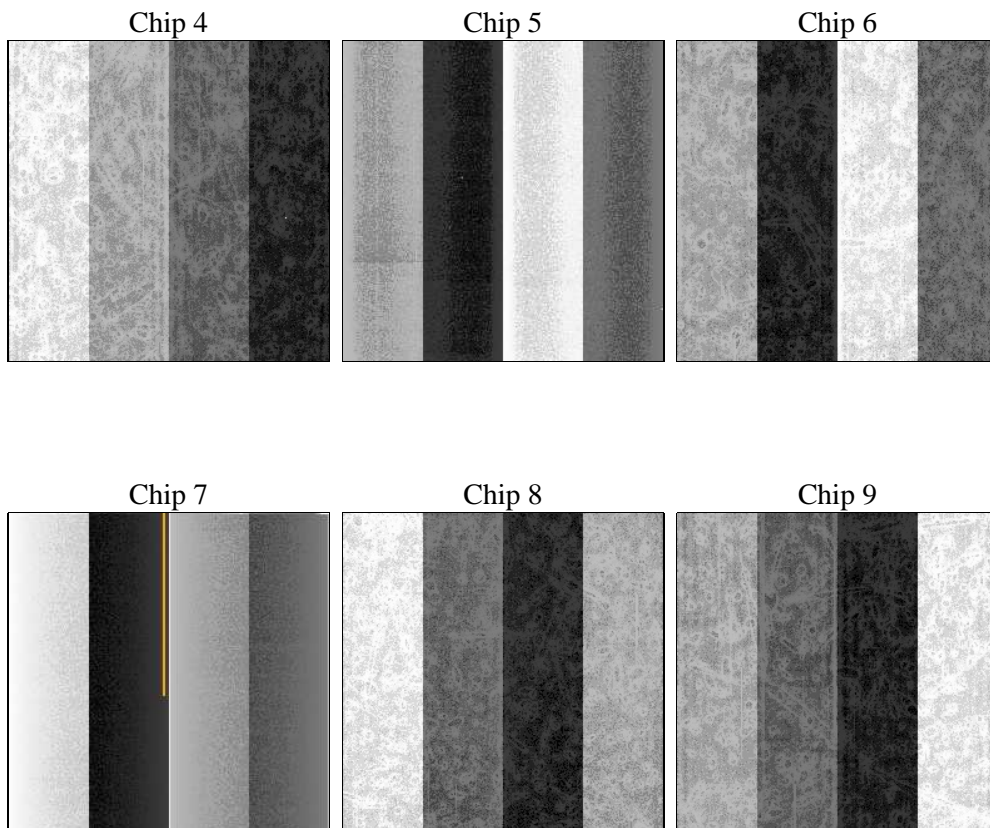
2 OBI

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	8405.919151634	Sum of GTIs [s]
caldsver	4.5.2	 	ontime4	4177.6871805191	Sum of GTIs [s]
date	2012-11-02T21:20:16	Date and time of file creation	ontime5	8405.8781116307	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	4623.6207295954	Sum of GTIs [s]
			ontime7	8405.919151634	Sum of GTIs [s]
			ontime8	4733.7323453128	Sum of GTIs [s]
			ontime9	4455.2124787271	Sum of GTIs [s]
			l1events	1537648	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	183057	348302	212379	374929	220171	198810	grade 0 events	88458	67147	97694	82094	101683	92771
rejected events	31863	58052	33619	45916	35138	31946		48%	19%	45%	21%	46%	46%
rejected %	17%	16%	15%	12%	15%	16%	grade 1 events	616	254	487	234	496	496
								0%	0%	0%	0%	0%	0%
							grade 2 events	24298	105752	31279	72765	32512	28611
								13%	30%	14%	19%	14%	14%
							grade 3 events	10190	17769	11199	33342	11910	10594
								5%	5%	5%	8%	5%	5%
							grade 4 events	9925	17211	11122	32992	12188	10595
								5%	4%	5%	8%	5%	5%
							grade 5 events	1928	10703	2286	8279	2512	2278
								1%	3%	1%	2%	1%	1%
							grade 6 events	19404	84316	28751	109927	27851	25501
								10%	24%	13%	29%	12%	12%
							grade 7 events	28238	45150	29561	35296	31019	27964
								15%	12%	13%	9%	14%	14%

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	332.0088240165474	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-7.027260841299977	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	254.9329491726957			
[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)	178686716.627003	178686715.60228			
Observation start date	2003-08-31T03:11:57	2003-08-31T03:11:55			
[s] Observation end time (MET)	178711138.278048	178711137.25333			
Observation end date	2003-08-31T09:58:58	2003-08-31T09:58:57			
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)	2012.12.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.405919151634

A.2 Comments