

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61453 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 25 2012

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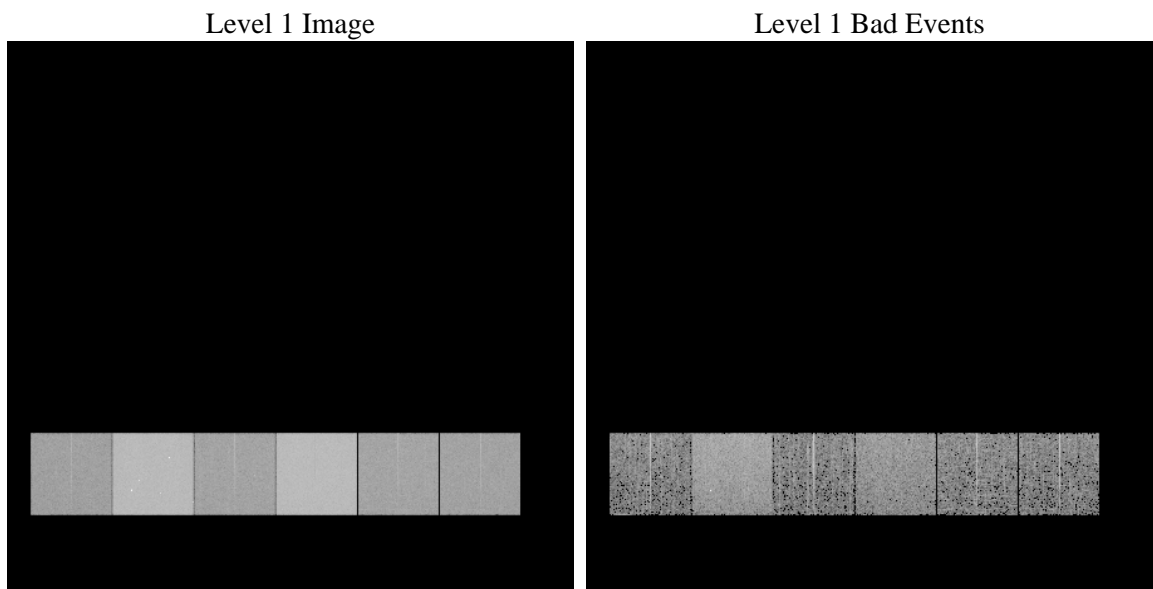
1 Front

seq_num	 	Sequence number
obs_id	61453	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	136.99834386664	Nominal RA [deg]
dec_nom	40.028622163926	Nominal Dec [deg]
roll_nom	59.813386367144	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5810.9193087071	Sum of GTIs [s]
livetime	5737.3379495047	Livetime [s]
ontime4	2313.8393269777	Sum of GTIs [s]
ontime5	6219.3202928454	Sum of GTIs [s]
ontime6	2443.6118054837	Sum of GTIs [s]
ontime7	5810.9193087071	Sum of GTIs [s]
ontime8	2498.7912561744	Sum of GTIs [s]
ontime9	2433.7654857635	Sum of GTIs [s]
l2events	1226018	Number of level 2 events

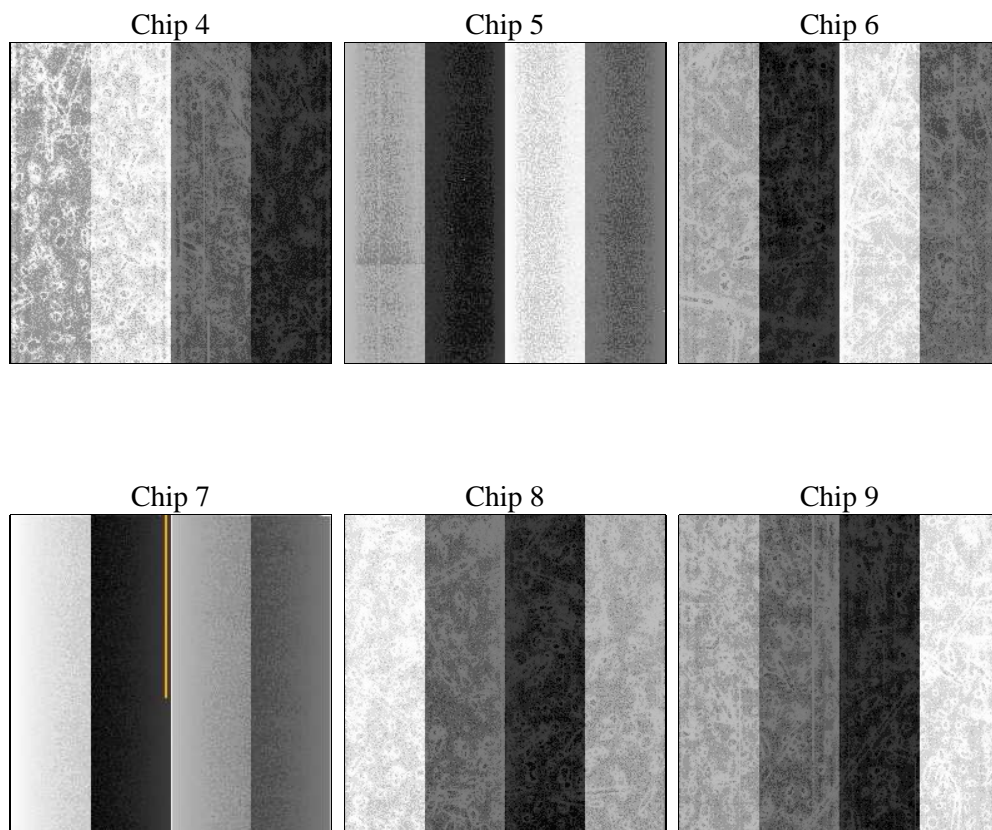
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	5810.9193087071	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime4	2313.8393269777	Sum of GTIs [s]
date	2012-09-25T03:39:38	Date and time of file creation	ontime5	6219.3202928454	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	2443.6118054837	Sum of GTIs [s]
			ontime7	5810.9193087071	Sum of GTIs [s]
			ontime8	2498.7912561744	Sum of GTIs [s]
			ontime9	2433.7654857635	Sum of GTIs [s]
			l1events	1426334	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	152178	375810	171641	385571	176639	164495	grade 0 events	75433	81921	83293	91664	86251	79928
rejected events	19067	41676	18982	27759	19941	18144		49%	21%	48%	23%	48%	48%
rejected %	12%	11%	11%	7%	11%	11%	grade 1 events	382	263	415	229	405	415
								0%	0%	0%	0%	0%	0%
							grade 2 events	23604	118717	26588	79479	27537	25797
								15%	31%	15%	20%	15%	15%
							grade 3 events	8129	21679	9427	36565	9857	9059
								5%	5%	5%	9%	5%	5%
							grade 4 events	7997	21650	9324	36167	9929	9118
								5%	5%	5%	9%	5%	5%
							grade 5 events	1251	8231	1355	5903	1521	1409
								0%	2%	0%	1%	0%	0%
							grade 6 events	17948	90167	24027	113937	23124	22449
								11%	23%	13%	29%	13%	13%
							grade 7 events	17434	33182	17212	21627	18015	16320
								11%	8%	10%	5%	10%	9%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-456789	ACIS-456789
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	136.9983438666414
[deg] Pointing Dec	0	40.02862216392582
[deg] Pointing Roll	0.0	59.81338636714442
[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)	118333510.528	118333509.75927
Observation start date	2001-10-01T14:25:11	2001-10-01T14:25:09
[s] Observation end time (MET)	118370781.579	118370780.81075
Observation end date	2001-10-02T00:46:22	2001-10-02T00:46:20
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	0.000000	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.09.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.8109193087071

A.2 Comments