

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61097 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 12 2012

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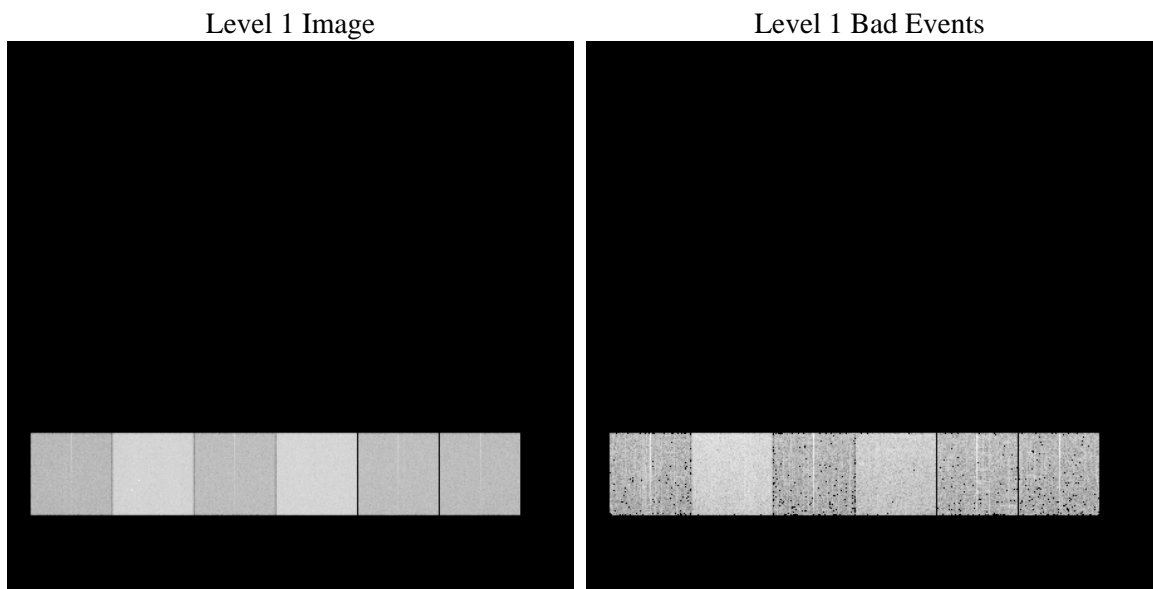
1 Front

seq_num	 	Sequence number
obs_id	61097	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	345.57066882801	Nominal RA [deg]
dec_nom	17.305907794918	Nominal Dec [deg]
roll_nom	135.25388121976	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7956.3566829264	Sum of GTIs [s]
livetime	7855.6085038644	Livetime [s]
ontime4	2958.7575190961	Sum of GTIs [s]
ontime5	8371.1999688148	Sum of GTIs [s]
ontime6	3294.9161020219	Sum of GTIs [s]
ontime7	7956.3566829264	Sum of GTIs [s]
ontime8	3343.6125661731	Sum of GTIs [s]
ontime9	3239.6951322258	Sum of GTIs [s]
l2events	1306632	Number of level 2 events

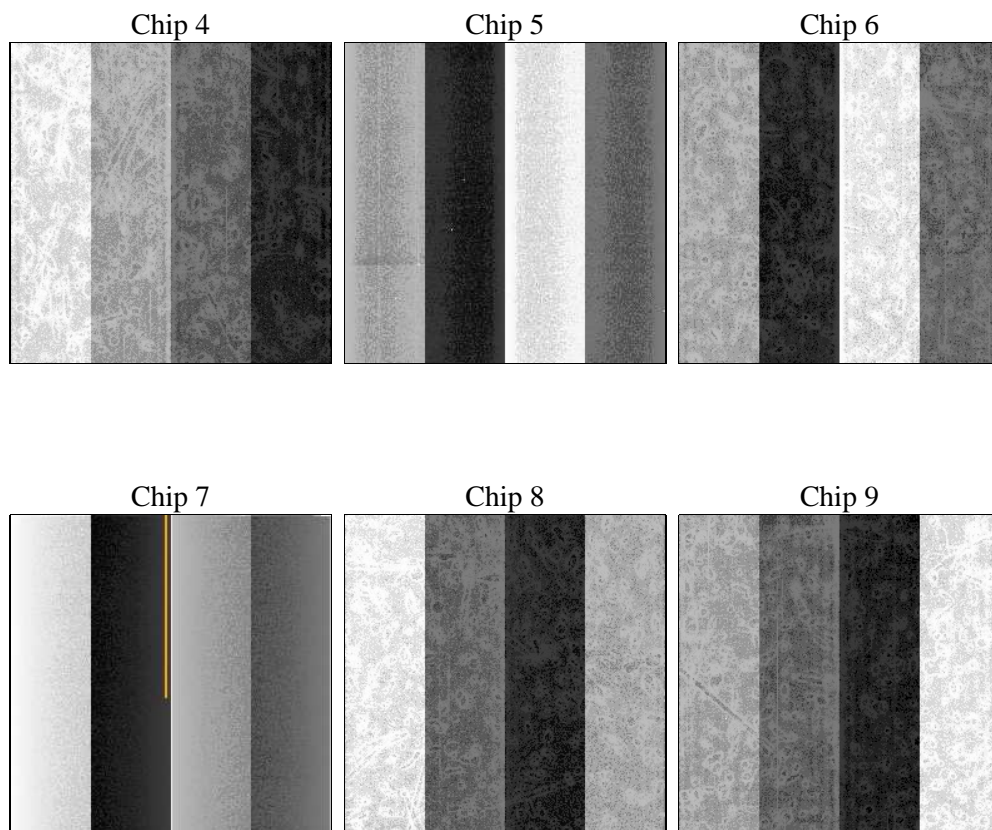
2 OBI

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	7956.3566829264	Sum of GTIs [s]
caldsver	4.5.2	 	ontime4	2958.7575190961	Sum of GTIs [s]
date	2012-10-12T08:30:56	Date and time of file creation	ontime5	8371.1999688148	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	3294.9161020219	Sum of GTIs [s]
			ontime7	7956.3566829264	Sum of GTIs [s]
			ontime8	3343.6125661731	Sum of GTIs [s]
			ontime9	3239.6951322258	Sum of GTIs [s]
			l1events	1557434	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	158164	412706	185432	431397	192896	176839	grade 0 events	80767	70672	90410	98507	94180	87182
rejected events	23164	59900	22295	42067	25416	22060		51%	17%	48%	22%	48%	49%
rejected %	14%	14%	12%	9%	13%	12%	grade 1 events	586	225	401	265	375	463
								0%	0%	0%	0%	0%	0%
							grade 2 events	20460	143222	28143	87270	29054	26283
								12%	34%	15%	20%	15%	14%
							grade 3 events	8986	18728	10110	39460	10912	9918
								5%	4%	5%	9%	5%	5%
							grade 4 events	9139	18468	10212	38898	10692	9954
								5%	4%	5%	9%	5%	5%
							grade 5 events	1397	9787	1597	7702	1828	1608
								0%	2%	0%	1%	0%	0%
							grade 6 events	17268	105722	26157	129511	24438	22899
								10%	25%	14%	30%	12%	12%
							grade 7 events	19561	45882	18402	29784	21417	18532
								12%	11%	9%	6%	11%	10%

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	345.5706688280089	Alternating exposures requested	N	N
[deg] Pointing Dec	0	17.30590779491781	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	135.2538812197617			
[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)	144646397.548	144646396.52307			
Observation start date	2002-08-02T03:33:18	2002-08-02T03:33:16			
[s] Observation end time (MET)	144667475.649	144667474.62393			
Observation end date	2002-08-02T09:24:36	2002-08-02T09:24:34			
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)	2012.10.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.9563566829264

A.2 Comments