

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 54766 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Mar 22 2012

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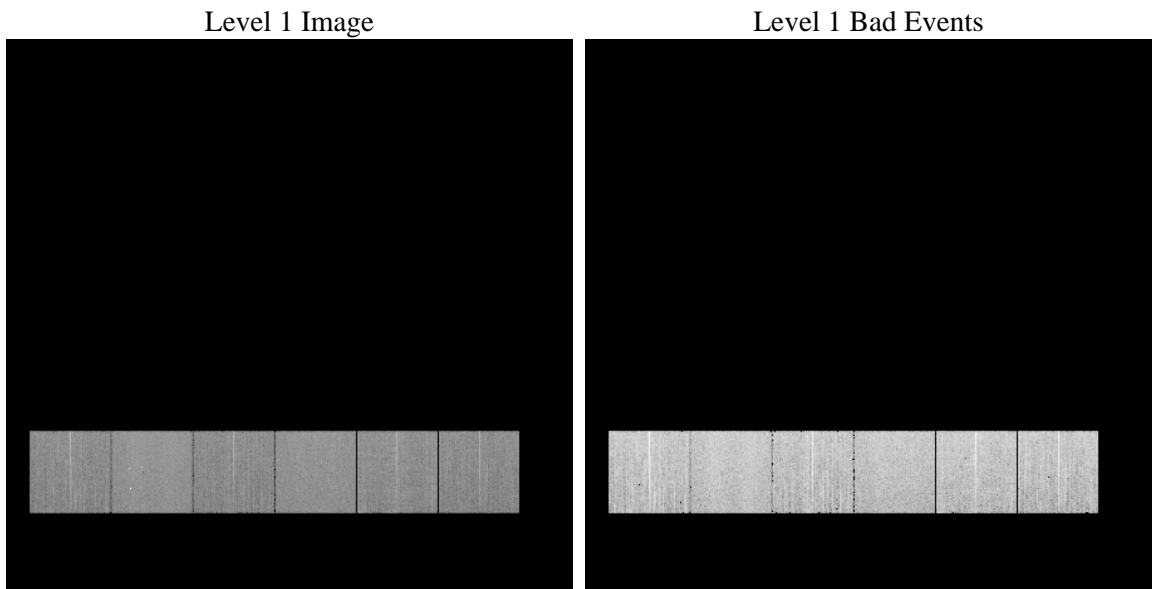
1 Front

seq_num	 	Sequence number
obs_id	54766	Observation id
title	ACIS-456789 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycycle	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	262.65596400366	Nominal RA [deg]
dec_nom	-19.042495953629	Nominal Dec [deg]
roll_nom	319.1151388739	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8111.99996984	Sum of GTIs [s]
livetime	8009.280941762	Livetime [s]
ontime4	8011.4636755586	Sum of GTIs [s]
ontime5	8111.99996984	Sum of GTIs [s]
ontime6	7998.5389686227	Sum of GTIs [s]
ontime7	8111.99996984	Sum of GTIs [s]
ontime8	8014.6636755466	Sum of GTIs [s]
ontime9	7998.5652855635	Sum of GTIs [s]
l2events	266773	Number of level 2 events

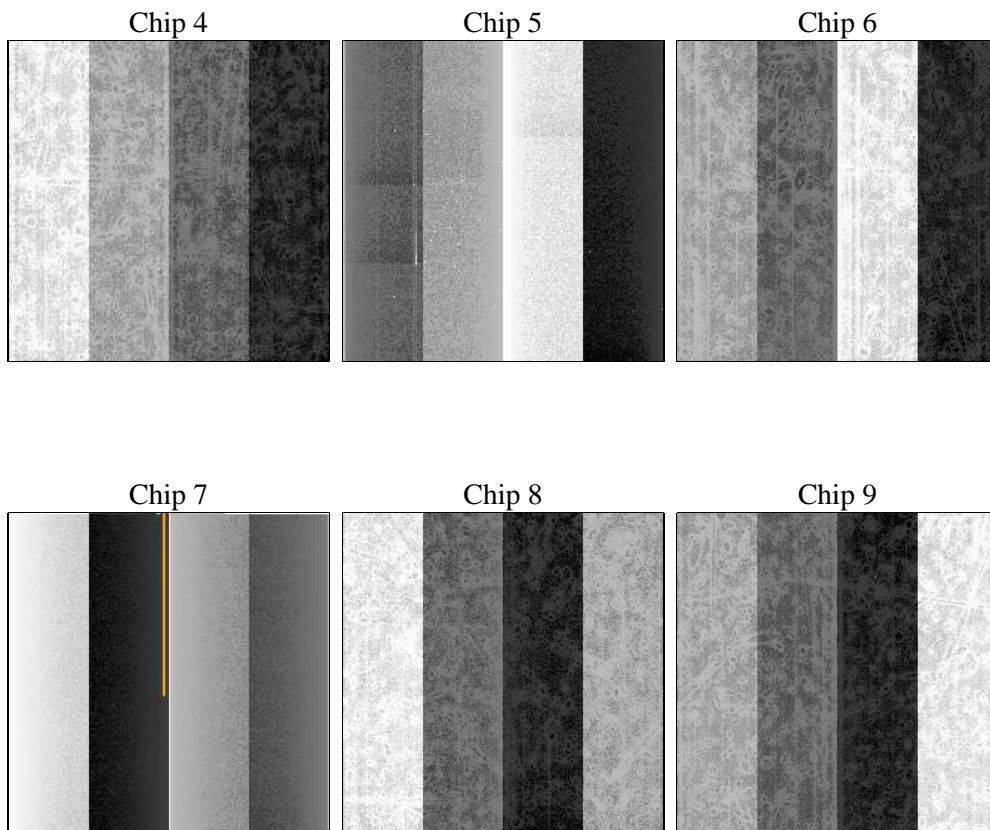
2 OBI

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	8.4.3	Processing system revision	ontime	8111.99996984	Sum of GTIs [s]
caldbver	4.4.8	 	ontime4	8011.4636755586	Sum of GTIs [s]
date	2012-03-22T14:20:34	Date and time of file creation	ontime5	8111.99996984	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	7998.5389686227	Sum of GTIs [s]
			ontime7	8111.99996984	Sum of GTIs [s]
			ontime8	8014.6636755466	Sum of GTIs [s]
			ontime9	7998.5652855635	Sum of GTIs [s]
			l1events	648854	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	98618	127935	96368	119683	109639	96611	grade 0 events	20018	5623	13229	9632	19759	16411
rejected events	62224	60645	57640	55673	62426	58680		20%	4%	13%	8%	18%	16%
rejected %	63%	47%	59%	46%	56%	60%	grade 1 events	160	148	63	79	106	89
								0%	0%	0%	0%	0%	0%
							grade 2 events	7184	23084	14979	14250	13144	11166
								7%	18%	15%	11%	11%	11%
							grade 3 events	2439	2979	1643	5629	2858	2036
								2%	2%	1%	4%	2%	2%
							grade 4 events	2386	3236	1587	5167	2962	1970
								2%	2%	1%	4%	2%	2%
							grade 5 events	2818	5659	2514	7069	3503	2955
								2%	4%	2%	5%	3%	3%
							grade 6 events	5186	33719	8112	30641	9485	7111
								5%	26%	8%	25%	8%	7%
							grade 7 events	58427	53487	54241	47216	57822	54873
								59%	41%	56%	39%	52%	56%

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	OVERRIDE	OVERRIDE
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	262.6559640036573	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-19.04249595362868	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	319.115138873897	[s] Primary exposure time	3.2	3.2
SIM focus pos (mm)	-1.4281808131	-1.4281808131			
[mm] SIM defocus	0.1051557500557434	0.1051557500557434			
SIM translation stage pos (mm)	250.4660330802	250.4660330802			
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584			
[s] Observation start time (MET)	448738855.590041	448738855.590041			
Observation start date	2012-03-21T17:40:56	2012-03-21T17:40:55			
[s] Observation end time (MET)	448750667.461048	448750667.461048			
Observation end date	2012-03-21T20:57:47	2012-03-21T20:57:47			
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)	2012.03.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.11199996984

A.2 Comments