

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 54546 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jun 17 2012

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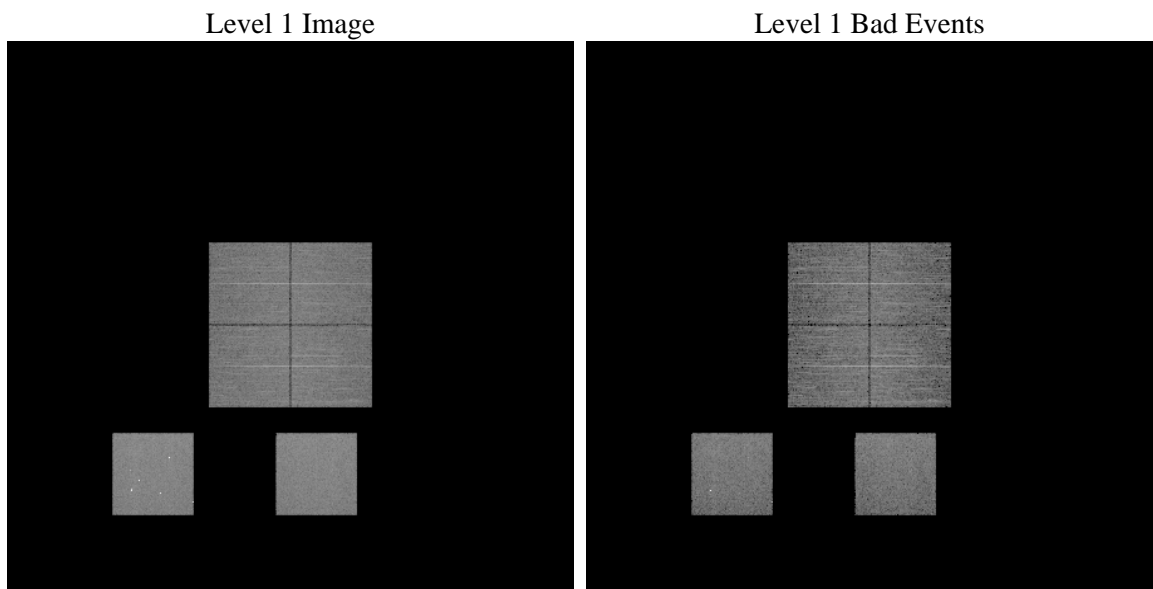
1 Front

seq_num	 	Sequence number
obs_id	54546	Observation id
title	ACIS-012357 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	275.97174118686	Nominal RA [deg]
dec_nom	-0.0049558349076581	Nominal Dec [deg]
roll_nom	156.9775207307	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8197.3946179748	Sum of GTIs [s]
livetime	8093.5942714435	Livetime [s]
ontime0	8197.3535779715	Sum of GTIs [s]
ontime1	8197.3125379682	Sum of GTIs [s]
ontime2	8197.2714979649	Sum of GTIs [s]
ontime3	8197.4356579781	Sum of GTIs [s]
ontime5	8197.2304579616	Sum of GTIs [s]
ontime7	8197.3946179748	Sum of GTIs [s]
l2events	279380	Number of level 2 events

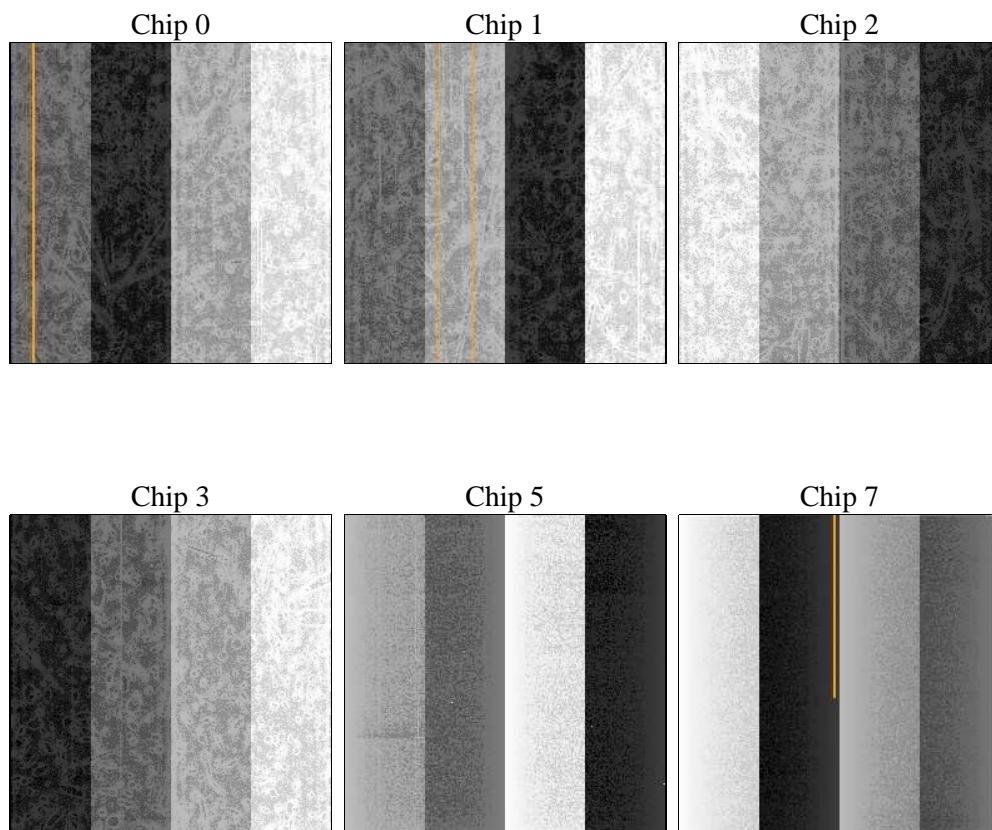
2 OBI

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	8197.3946179748	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	8197.3535779715	Sum of GTIs [s]
date	2012-06-17T15:06:30	Date and time of file creation	ontime1	8197.3125379682	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8197.2714979649	Sum of GTIs [s]
			ontime3	8197.4356579781	Sum of GTIs [s]
			ontime5	8197.2304579616	Sum of GTIs [s]
			ontime7	8197.3946179748	Sum of GTIs [s]
			l1events	612982	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	86396	87170	89946	91979	135110	122381	grade 0 events	20575	20306	21709	21547	13843	11002
rejected events	47457	47677	50515	52224	59021	55857		23%	23%	24%	23%	10%	8%
rejected %	54%	54%	56%	56%	43%	45%	grade 1 events	103	87	128	118	276	98
								0%	0%	0%	0%	0%	0%
							grade 2 events	7227	7843	6935	7093	25782	14842
								8%	8%	7%	7%	19%	12%
							grade 3 events	2715	2669	2669	2788	2873	5740
								3%	3%	2%	3%	2%	4%
							grade 4 events	2708	2629	2699	2861	2803	5778
								3%	3%	3%	3%	2%	4%
							grade 5 events	3368	3328	3005	3505	7020	8529
								3%	3%	3%	3%	5%	6%
							grade 6 events	6168	6443	5878	5864	31629	29884
								7%	7%	6%	6%	23%	24%
							grade 7 events	43532	43865	46923	48203	50884	46508
								50%	50%	52%	52%	37%	38%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012357	ACIS-012357
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	275.9717411868575
[deg] Pointing Dec	0	-0.004955834907658055
[deg] Pointing Roll	0.0	156.9775207306977
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)	456253041.810481	456253041.810481
Observation start date	2012-06-16T16:57:22	2012-06-16T16:57:21
[s] Observation end time (MET)	456262589.32525	456262589.32525
Observation end date	2012-06-16T19:36:29	2012-06-16T19:36:29
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	OVERRIDE	OVERRIDE
Number of optional ACIS chips dropped	0	0
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	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)	2012.06.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1973946179748

A.2 Comments