

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58384 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Apr 25 2012

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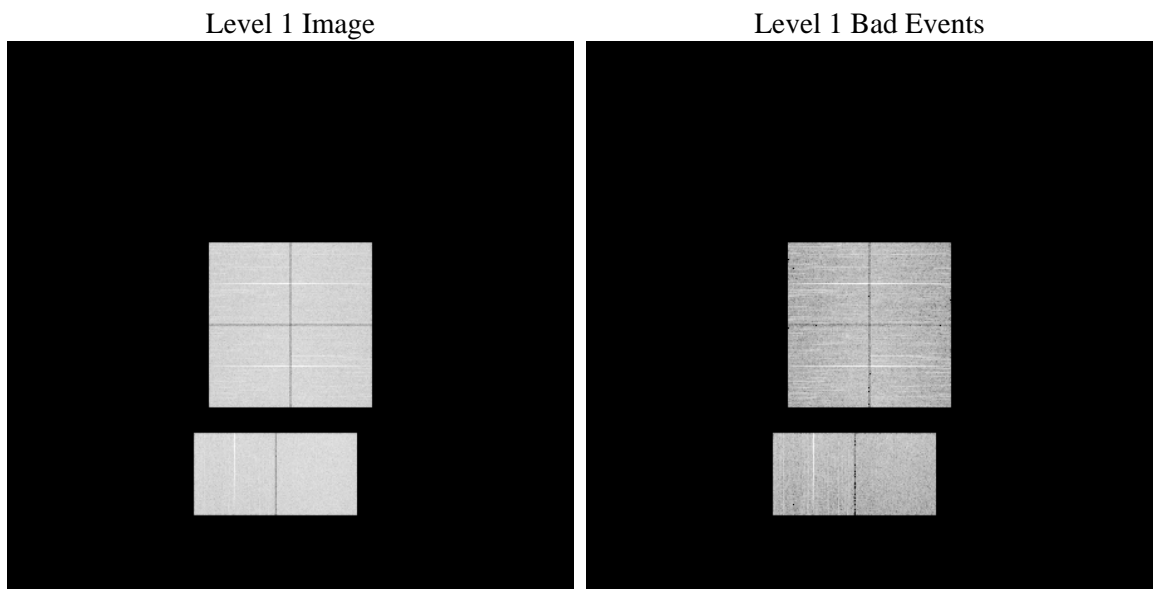
1 Front

seq_num	 	Sequence number
obs_id	58384	Observation id
title	ACIS-012367 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	240.73654486218	Nominal RA [deg]
dec_nom	-49.983666298496	Nominal Dec [deg]
roll_nom	1.8500118529461	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7734.3999712467	Sum of GTIs [s]
livetime	7636.4623417143	Livetime [s]
ontime0	7734.3999712467	Sum of GTIs [s]
ontime1	7734.3999712467	Sum of GTIs [s]
ontime2	7734.3999712467	Sum of GTIs [s]
ontime3	7734.3999712467	Sum of GTIs [s]
ontime6	7734.3999712467	Sum of GTIs [s]
ontime7	7734.3999712467	Sum of GTIs [s]
l2events	725972	Number of level 2 events

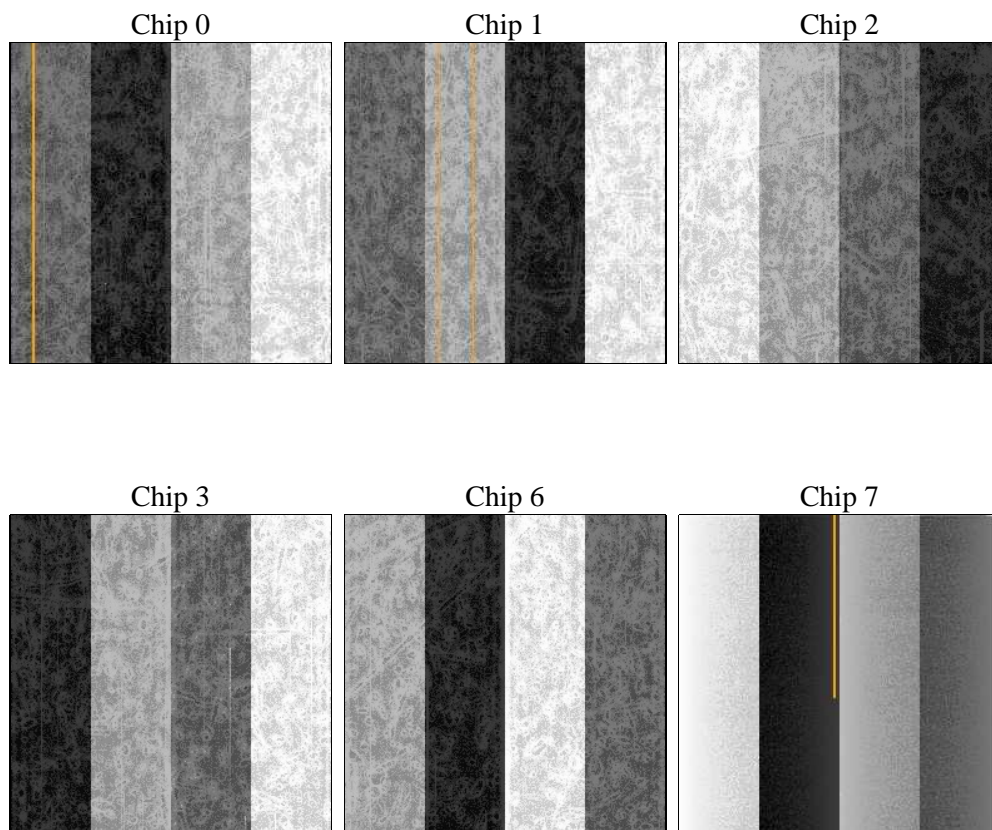
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	6420	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	7734.3999712467	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	7734.3999712467	Sum of GTIs [s]
date	2012-04-25T09:59:28	Date and time of file creation	ontime1	7734.3999712467	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	7734.3999712467	Sum of GTIs [s]
			ontime3	7734.3999712467	Sum of GTIs [s]
			ontime6	7734.3999712467	Sum of GTIs [s]
			ontime7	7734.3999712467	Sum of GTIs [s]
			l1events	1171226	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	187314	185086	193184	194836	196955	213851	grade 0 events	65198	64926	68187	68019	67407	33631
rejected events	67642	63787	70914	72409	70238	61170		34%	35%	35%	34%	34%	15%
rejected %	36%	34%	36%	37%	35%	28%	grade 1 events	450	420	525	523	461	133
								0%	0%	0%	0%	0%	0%
							grade 2 events	21215	22457	20696	21123	22546	33196
								11%	12%	10%	10%	11%	15%
							grade 3 events	8024	7819	8163	8149	8117	14538
								4%	4%	4%	4%	4%	6%
							grade 4 events	7825	7970	8267	8400	8158	14929
								4%	4%	4%	4%	4%	6%
							grade 5 events	3598	3767	3412	4132	4056	9860
								1%	2%	1%	2%	2%	4%
							grade 6 events	18590	19287	18147	17906	21743	57784
								9%	10%	9%	9%	11%	27%
							grade 7 events	62414	58440	65787	66584	64467	49780
								33%	31%	34%	34%	32%	23%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	240.7365450824536	240.7365448621813
[deg] Pointing Dec	-49.98366600622104	-49.98366629849634
[deg] Pointing Roll	1.85001193012463	1.850011852946114
[mm] SIM focus pos	-0.68282252473119	-0.68282252473119
[mm] SIM defocus	0.8505140384245534	0.8505140384245534
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	296306234.590618	296306234.590618
Observation start date	2007-05-23T11:47:00	2007-05-23T11:17:14
[s] Observation end time (MET)	296315752.116603	296315752.116603
Observation end date	2007-05-23T13:34:00	2007-05-23T13:55:52
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)	2012.04.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7343999712467

A.2 Comments