

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57167 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 4 2012

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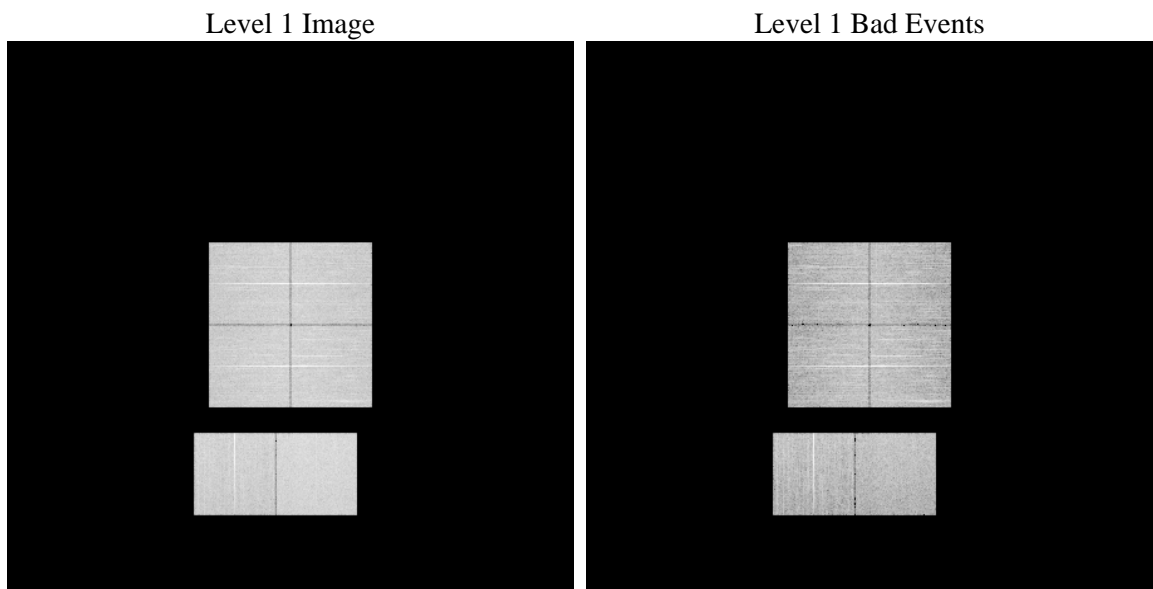
1 Front

seq_num	 	Sequence number
obs_id	57167	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	195.034123217	Nominal RA [deg]
dec_nom	-32.99756851008	Nominal Dec [deg]
roll_nom	331.99343491502	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8453.7309588194	Sum of GTIs [s]
livetime	8346.6847271932	Livetime [s]
ontime0	8453.6899188161	Sum of GTIs [s]
ontime1	8453.6488788128	Sum of GTIs [s]
ontime2	8453.6078388095	Sum of GTIs [s]
ontime3	8453.7719988227	Sum of GTIs [s]
ontime6	8453.5667988062	Sum of GTIs [s]
ontime7	8453.7309588194	Sum of GTIs [s]
l2events	507622	Number of level 2 events

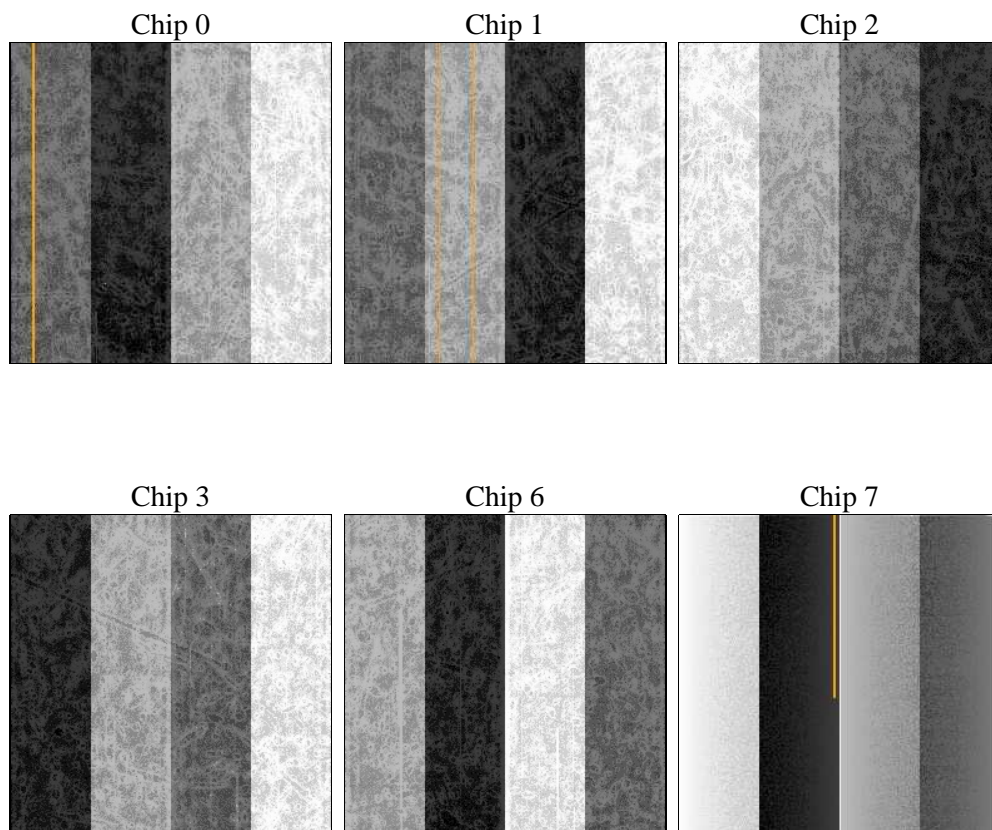
2 OBI

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	8.4.4	Processing system revision	ontime	8453.7309588194	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	8453.6899188161	Sum of GTIs [s]
date	2012-06-04T17:51:40	Date and time of file creation	ontime1	8453.6488788128	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8453.6078388095	Sum of GTIs [s]
			ontime3	8453.7719988227	Sum of GTIs [s]
			ontime6	8453.5667988062	Sum of GTIs [s]
			ontime7	8453.7309588194	Sum of GTIs [s]
			l1events	992100	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	155128	155116	160264	165386	161515	194691	grade 0 events	43757	43109	44581	45156	44739	22744
rejected events	73086	73067	78132	82617	76203	72674		28%	27%	27%	27%	27%	11%
rejected %	47%	47%	48%	49%	47%	37%	grade 1 events	310	305	359	333	302	182
								0%	0%	0%	0%	0%	0%
							grade 2 events	14807	15325	14351	14313	15386	26652
								9%	9%	8%	8%	9%	13%
							grade 3 events	5537	5429	5597	5737	5404	11238
								3%	3%	3%	3%	3%	5%
							grade 4 events	5419	5451	5545	5815	5577	11087
								3%	3%	3%	3%	3%	5%
							grade 5 events	4157	4334	3983	4598	4610	11924
								2%	2%	2%	2%	2%	6%
							grade 6 events	12562	12762	12091	11787	14236	50335
								8%	8%	7%	7%	8%	25%
							grade 7 events	68579	68401	73757	77647	71261	60529
								44%	44%	46%	46%	44%	31%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
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	195.0341232169971	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-32.99756851008024	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	331.9934349150179	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.7809083437167272			
[mm] SIM defocus	0.1037507710433287	0.7524282956875696			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	356443636.633546	356443635.60855			
Observation start date	2009-04-18T12:07:17	2009-04-18T12:07:15			
[s] Observation end time (MET)	356455905.884157	356455904.85916			
Observation end date	2009-04-18T15:31:46	2009-04-18T15:31:44			
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)	2012.06.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4537309588194

A.2 Comments