

V&V Reference Report

L2 ASCDS Version : 8.5

Observation 60074 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 8 2012

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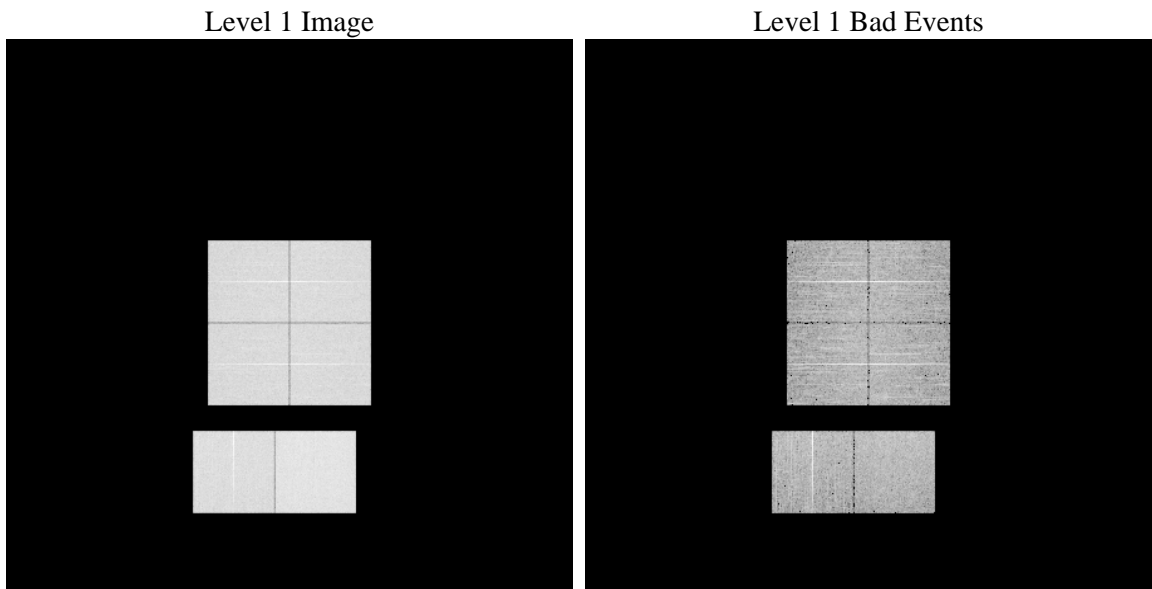
1 Front

seq_num	 	Sequence number
obs_id	60074	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	346.01694982907	Nominal RA [deg]
dec_nom	-24.975844074611	Nominal Dec [deg]
roll_nom	24.656037710921	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8283.2858886719	Sum of GTIs [s]
livetime	8178.3979351535	Livetime [s]
ontime0	6468.3003261387	Sum of GTIs [s]
ontime1	6640.8357240856	Sum of GTIs [s]
ontime2	6306.1688457131	Sum of GTIs [s]
ontime3	6390.5980839431	Sum of GTIs [s]
ontime6	6902.4675259888	Sum of GTIs [s]
ontime7	8283.2858886719	Sum of GTIs [s]
l2events	1148369	Number of level 2 events

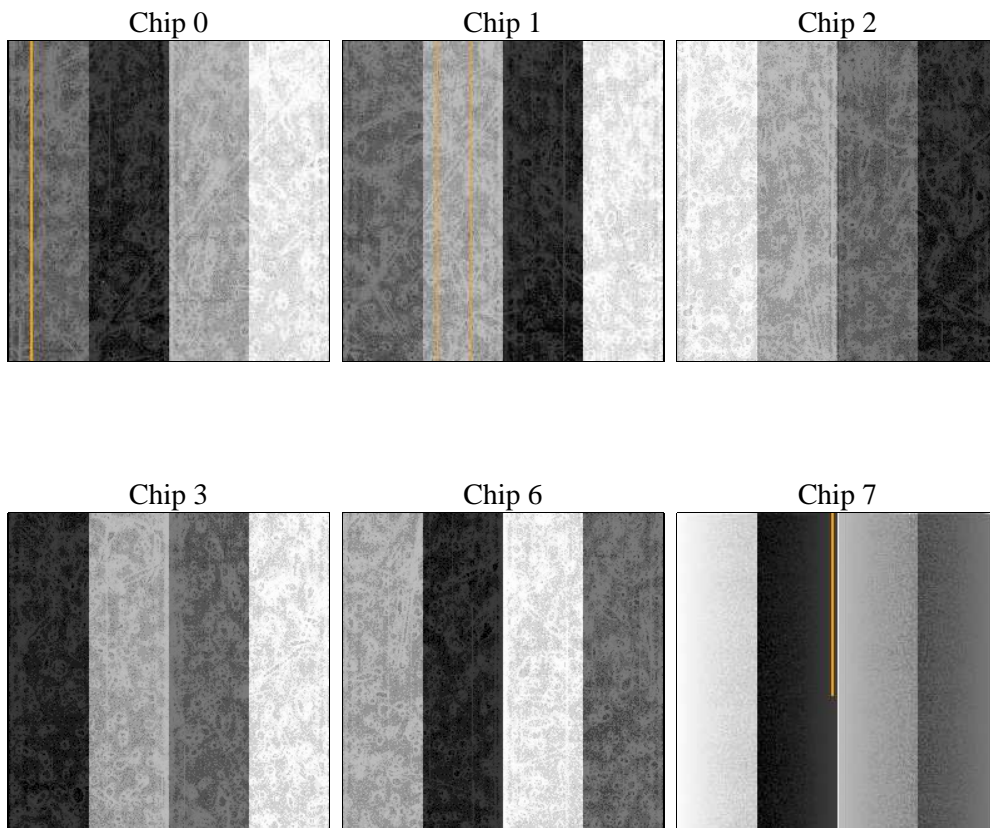
2 OBI

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	8.5	Processing system revision	ontime	8283.2858886719	Sum of GTIs [s]
caldsver	4.5.4	 	ontime0	6468.3003261387	Sum of GTIs [s]
date	2012-12-08T10:06:36	Date and time of file creation	ontime1	6640.8357240856	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	6306.1688457131	Sum of GTIs [s]
			ontime3	6390.5980839431	Sum of GTIs [s]
			ontime6	6902.4675259888	Sum of GTIs [s]
			ontime7	8283.2858886719	Sum of GTIs [s]
			l1events	1499223	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	230632	236499	228953	232306	258404	312429	grade 0 events	100815	103837	100781	103127	111630	62934
rejected events	46908	46778	48058	48414	52412	51321		43%	43%	44%	44%	43%	20%
rejected %	20%	19%	20%	20%	20%	16%	grade 1 events	635	508	717	701	561	200
								0%	0%	0%	0%	0%	0%
							grade 2 events	32321	33600	30569	31380	35111	56958
								14%	14%	13%	13%	13%	18%
							grade 3 events	11924	12141	11752	11810	12943	26216
								5%	5%	5%	5%	5%	8%
							grade 4 events	11838	12245	12079	12126	13022	26070
								5%	5%	5%	5%	5%	8%
							grade 5 events	2947	2992	2763	3077	3357	9094
								1%	1%	1%	1%	1%	2%
							grade 6 events	26826	27898	25714	25449	33286	88930
								11%	11%	11%	10%	12%	28%
							grade 7 events	43326	43278	44578	44636	48494	42027
								18%	18%	19%	19%	18%	13%

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	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	346.0169498290724	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-24.97584407461104	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	24.65603771092125			
[mm] SIM focus pos	-0.782348	-1.428180813131781			
[mm] SIM defocus	0	0.1051558262725154			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	210216978.757119	210216977.73212			
Observation start date	2004-08-30T01:36:19	2004-08-30T01:36:17			
[s] Observation end time (MET)	210240438.958165	210240437.93316			
Observation end date	2004-08-30T08:07:19	2004-08-30T08:07:17			
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)	2012.12.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2832858886719

A.2 Comments