

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 54839 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Feb 22 2012

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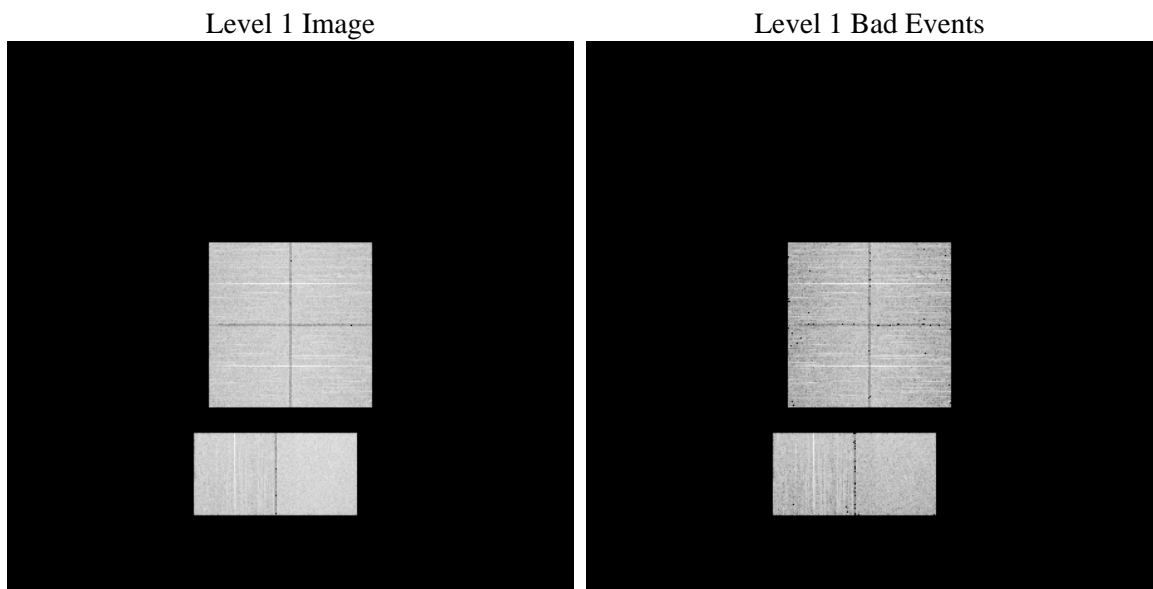
1 Front

seq_num	 	Sequence number
obs_id	54839	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	33.762000210755	Nominal RA [deg]
dec_nom	1.1641043172129	Nominal Dec [deg]
roll_nom	283.07035842722	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8284.7999691963	Sum of GTIs [s]
livetime	8179.8928434787	Livetime [s]
ontime0	8284.7999691963	Sum of GTIs [s]
ontime1	8281.5589789748	Sum of GTIs [s]
ontime2	8281.5589988232	Sum of GTIs [s]
ontime3	8284.7999691963	Sum of GTIs [s]
ontime6	8284.7999691963	Sum of GTIs [s]
ontime7	8284.7999691963	Sum of GTIs [s]
l2events	266646	Number of level 2 events

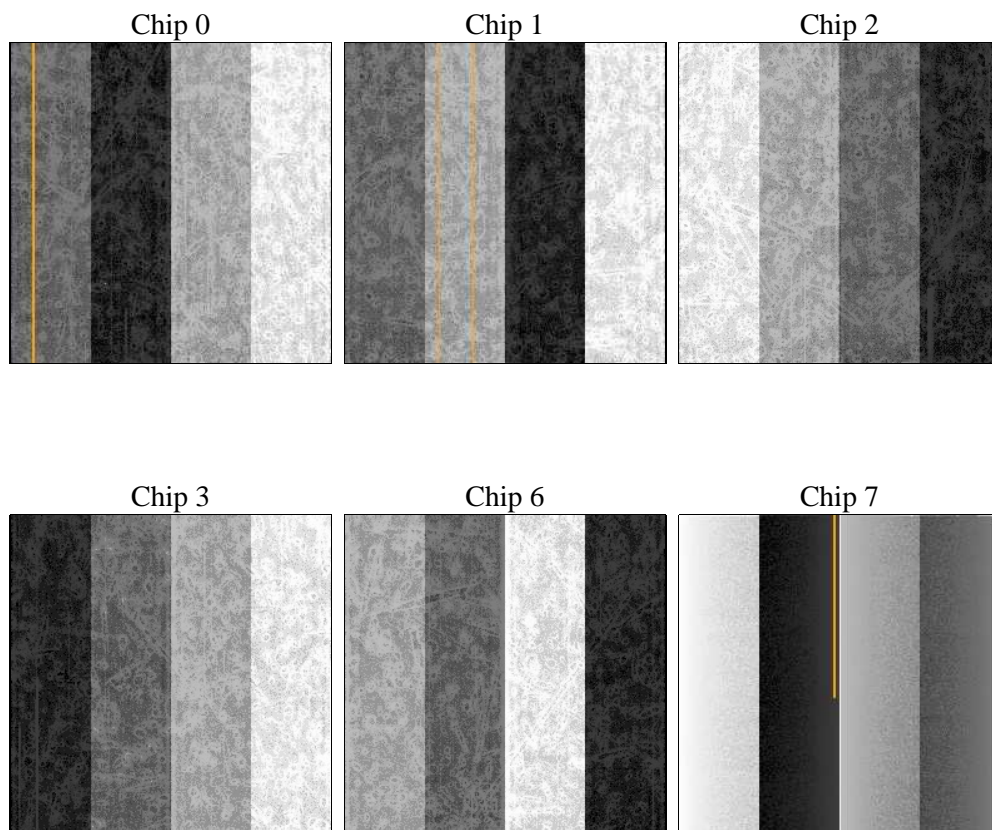
2 OBI

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	8284.7999691963	Sum of GTIs [s]
caldsver	4.4.8	 	ontime0	8284.7999691963	Sum of GTIs [s]
date	2012-02-22T13:17:53	Date and time of file creation	ontime1	8281.5589789748	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8281.5589988232	Sum of GTIs [s]
			ontime3	8284.7999691963	Sum of GTIs [s]
			ontime6	8284.7999691963	Sum of GTIs [s]
			ontime7	8284.7999691963	Sum of GTIs [s]
			l1events	612522	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	93282	95345	94083	98287	103005	128520	grade 0 events	21890	20681	22875	22520	21656	10965
rejected events	51410	53240	51778	56308	59126	58201		23%	21%	24%	22%	21%	8%
rejected %	55%	55%	55%	57%	57%	45%	grade 1 events	115	97	144	161	111	97
								0%	0%	0%	0%	0%	0%
							grade 2 events	7912	8815	7402	7502	9107	15301
								8%	9%	7%	7%	8%	11%
							grade 3 events	2873	2793	3018	2839	2764	5929
								3%	2%	3%	2%	2%	4%
							grade 4 events	2773	2729	2845	2874	2741	5932
								2%	2%	3%	2%	2%	4%
							grade 5 events	3208	3179	3111	3536	3377	8480
								3%	3%	3%	3%	3%	6%
							grade 6 events	6424	7087	6165	6244	7611	32192
								6%	7%	6%	6%	7%	25%
							grade 7 events	48087	49964	48523	52611	55638	49624
								51%	52%	51%	53%	54%	38%

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	33.76200021075492	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	1.164104317212926	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	283.0703584272179	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	446228019.556989	446228018.53199			
Observation start date	2012-02-21T16:13:40	2012-02-21T16:13:38			
[s] Observation end time (MET)	446238708.257555	446238707.23255			
Observation end date	2012-02-21T19:11:48	2012-02-21T19:11:47			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.02.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2847999691963

A.2 Comments