

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 59004 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Mar 30 2012

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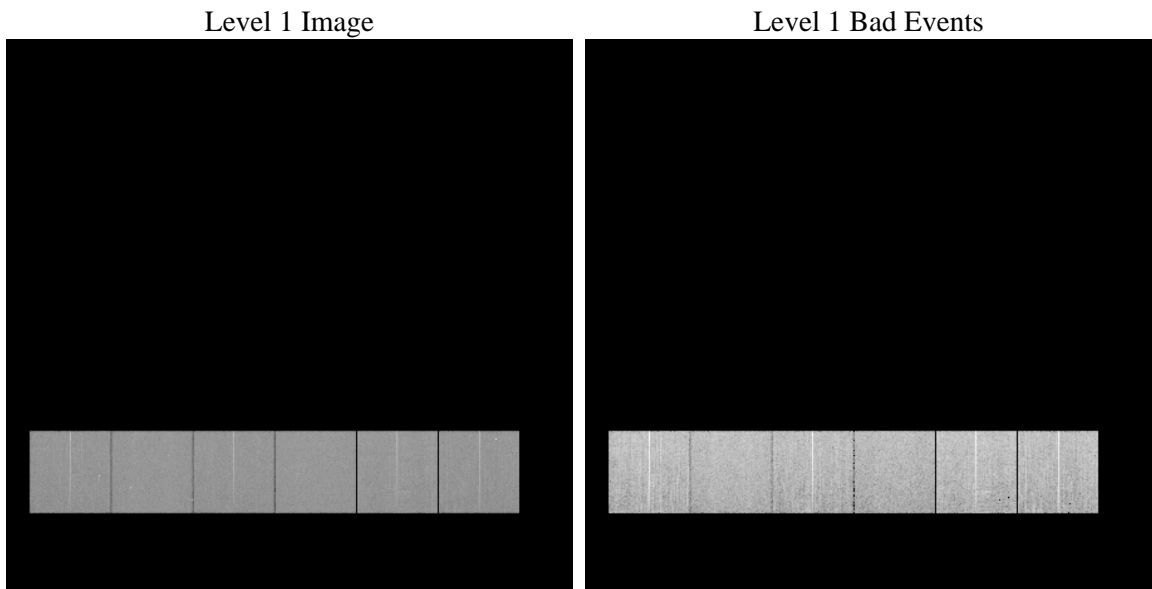
1 Front

seq_num	 	Sequence number
obs_id	59004	Observation id
title	ACIS-456789 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	225.96940728664	Nominal RA [deg]
dec_nom	11.49847474092	Nominal Dec [deg]
roll_nom	145.39322889296	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8271.9999691844	Sum of GTIs [s]
livetime	8167.2549247742	Livetime [s]
ontime4	8271.9999691844	Sum of GTIs [s]
ontime5	8271.9999691844	Sum of GTIs [s]
ontime6	8271.9999691844	Sum of GTIs [s]
ontime7	8271.9999691844	Sum of GTIs [s]
ontime8	8271.9999691844	Sum of GTIs [s]
ontime9	8271.9999691844	Sum of GTIs [s]
l2events	953192	Number of level 2 events

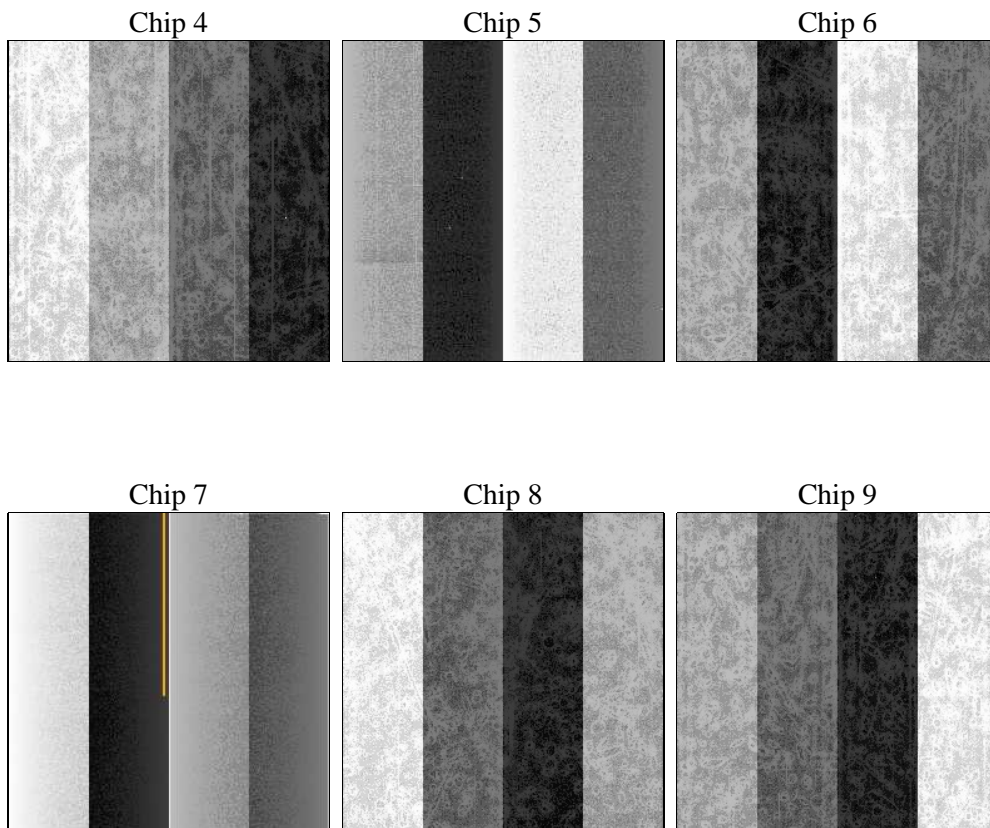
2 OBI

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	8.4.3.1	Processing system revision	ontime	8271.9999691844	Sum of GTIs [s]
caldsver	4.4.8	 	ontime4	8271.9999691844	Sum of GTIs [s]
date	2012-03-30T19:06:37	Date and time of file creation	ontime5	8271.9999691844	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8271.9999691844	Sum of GTIs [s]
			ontime7	8271.9999691844	Sum of GTIs [s]
			ontime8	8271.9999691844	Sum of GTIs [s]
			ontime9	8271.9999691844	Sum of GTIs [s]
			l1events	1443757	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9		ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	230695	240648	234667	249118	252633	235996	grade 0 events	88239	33043	89417	42411	92448	86984
rejected events	76985	66331	69141	58722	77958	74205		38%	13%	38%	17%	36%	36%
rejected %	33%	27%	29%	23%	30%	31%	grade 1 events	779	217	520	175	604	587
								0%	0%	0%	0%	0%	0%
							grade 2 events	24618	63163	28506	41770	31223	29804
								10%	26%	12%	16%	12%	12%
							grade 3 events	10450	9453	10593	18584	11792	10465
								4%	3%	4%	7%	4%	4%
							grade 4 events	10567	9319	10374	18461	11574	10275
								4%	3%	4%	7%	4%	4%
							grade 5 events	4143	9619	4170	9941	5381	4601
								1%	3%	1%	3%	2%	1%
							grade 6 events	19836	59339	26636	69170	27638	24263
								8%	24%	11%	27%	10%	10%
							grade 7 events	72063	56495	64451	48606	71973	69017
								31%	23%	27%	19%	28%	29%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-456789	ACIS-456789	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	225.969407286639	Alternating exposures requested	N	N
[deg] Pointing Dec	0	11.4984747409201	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	145.3932288929551			
[mm] SIM focus pos	-0.684267	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	262079314.075401	262079313.05041			
Observation start date	2006-04-22T07:48:34	2006-04-22T07:48:33			
[s] Observation end time (MET)	262103262.176517	262103261.15152			
Observation end date	2006-04-22T14:27:42	2006-04-22T14:27:41			
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)	2012.04.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2719999691844

A.2 Comments