

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 59059 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Mar 28 2012

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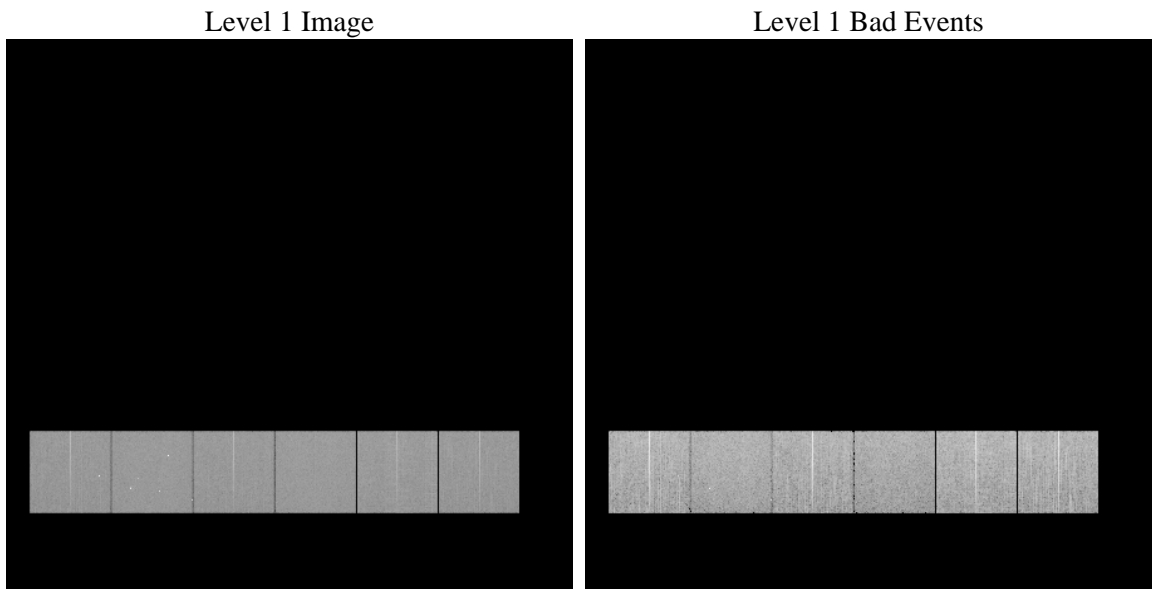
1 Front

seq_num	 	Sequence number
obs_id	59059	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	205.98820230062	Nominal RA [deg]
dec_nom	-2.9739151917822	Nominal Dec [deg]
roll_nom	81.421088710215	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8275.1999691725	Sum of GTIs [s]
livetime	8170.4144044356	Livetime [s]
ontime4	8275.1999691725	Sum of GTIs [s]
ontime5	8275.1999691725	Sum of GTIs [s]
ontime6	8275.1999691725	Sum of GTIs [s]
ontime7	8275.1999691725	Sum of GTIs [s]
ontime8	8275.1999691725	Sum of GTIs [s]
ontime9	8275.1999691725	Sum of GTIs [s]
l2events	972741	Number of level 2 events

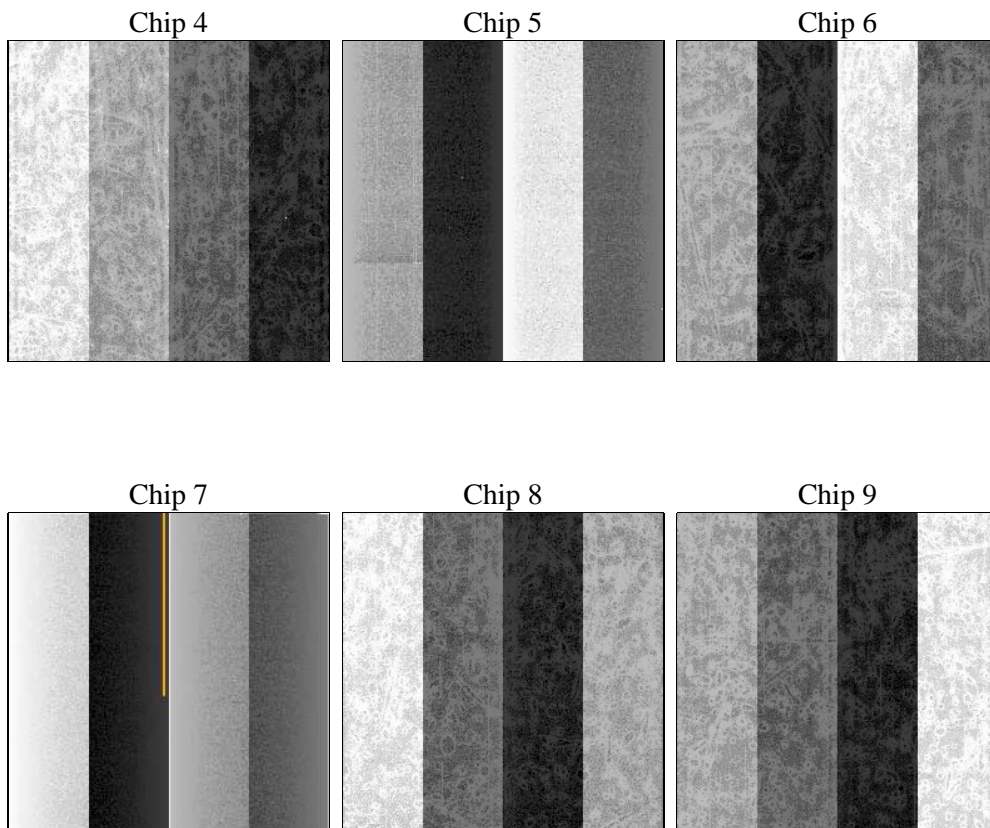
2 OBI

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	8275.1999691725	Sum of GTIs [s]
caldsver	4.4.8	 	ontime4	8275.1999691725	Sum of GTIs [s]
date	2012-03-28T06:06:49	Date and time of file creation	ontime5	8275.1999691725	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8275.1999691725	Sum of GTIs [s]
			ontime7	8275.1999691725	Sum of GTIs [s]
			ontime8	8275.1999691725	Sum of GTIs [s]
			ontime9	8275.1999691725	Sum of GTIs [s]
			l1events	1462320	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	233923	246114	239259	251028	255585	236411	grade 0 events	92284	37194	91553	43883	95070	89054
rejected events	74802	64450	69682	58200	76578	74016		39%	15%	38%	17%	37%	37%
rejected %	31%	26%	29%	23%	29%	31%	grade 1 events	910	264	499	149	577	605
								0%	0%	0%	0%	0%	0%
							grade 2 events	25228	65408	29369	42075	32049	27935
								10%	26%	12%	16%	12%	11%
							grade 3 events	10625	10107	10757	19007	12036	10551
								4%	4%	4%	7%	4%	4%
							grade 4 events	10671	9737	10678	18633	11804	10482
								4%	3%	4%	7%	4%	4%
							grade 5 events	3987	9780	4259	9930	5185	4527
								1%	3%	1%	3%	2%	1%
							grade 6 events	20367	59218	27289	69230	28120	24373
								8%	24%	11%	27%	11%	10%
							grade 7 events	69851	54406	64855	48121	70744	68884
								29%	22%	27%	19%	27%	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	205.9882023006199	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-2.973915191782224	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	81.42108871021532			
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	258881502.526464	258881501.50147			
Observation start date	2006-03-16T07:31:43	2006-03-16T07:31:41			
[s] Observation end time (MET)	258904591.677537	258904590.65255			
Observation end date	2006-03-16T13:56:32	2006-03-16T13:56:30			
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)	2012.03.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2751999691725

A.2 Comments