

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 59066 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Mar 28 2012

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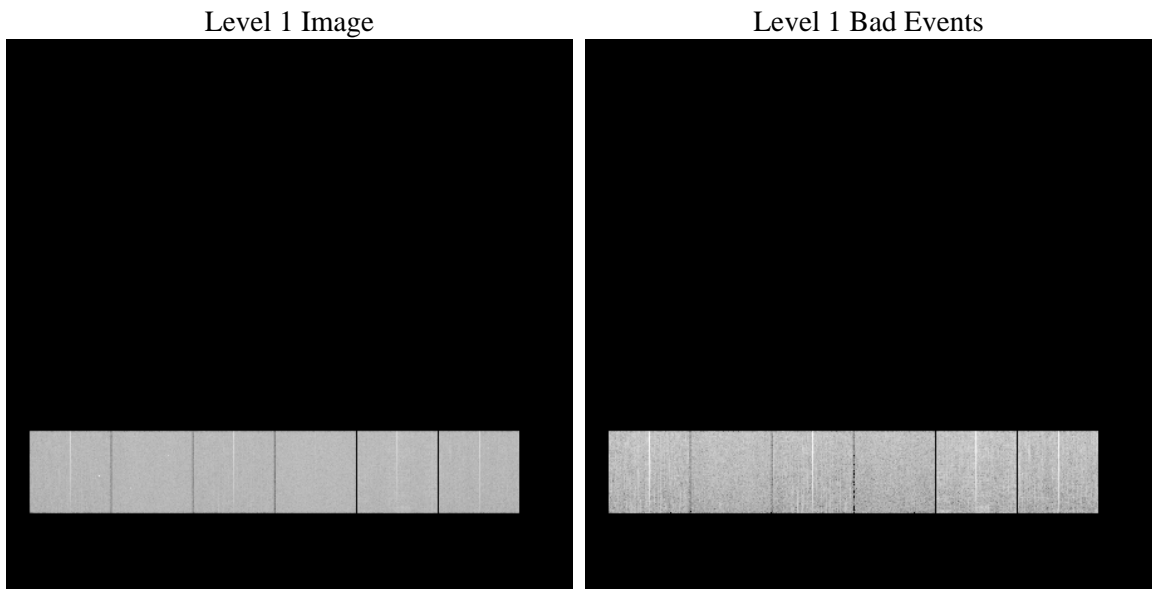
1 Front

seq_num	 	Sequence number
obs_id	59066	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	200.39404336321	Nominal RA [deg]
dec_nom	-7.9719913817756	Nominal Dec [deg]
roll_nom	69.087958084905	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8277.5397846103	Sum of GTIs [s]
livetime	8172.7245917215	Livetime [s]
ontime4	8277.4690720737	Sum of GTIs [s]
ontime5	8277.5397846103	Sum of GTIs [s]
ontime6	8277.510112077	Sum of GTIs [s]
ontime7	8277.5397846103	Sum of GTIs [s]
ontime8	8277.4280321002	Sum of GTIs [s]
ontime9	8277.5397846103	Sum of GTIs [s]
l2events	977157	Number of level 2 events

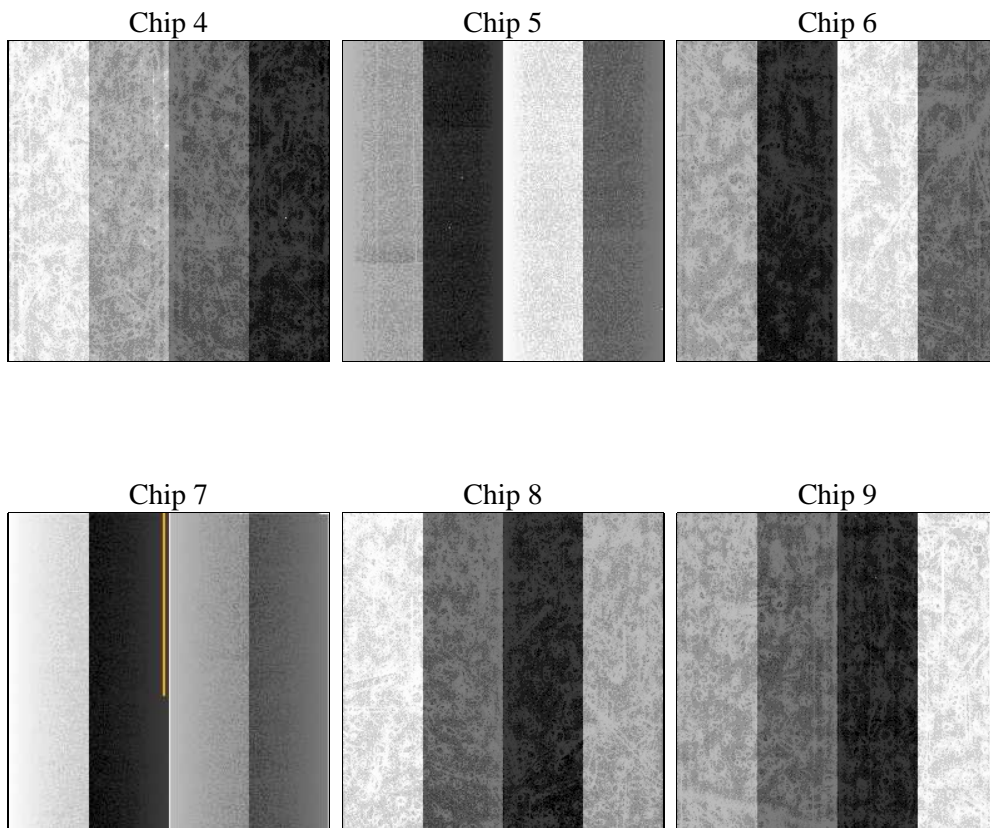
2 OBI

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	8277.5397846103	Sum of GTIs [s]
caldsver	4.4.8	 	ontime4	8277.4690720737	Sum of GTIs [s]
date	2012-03-28T03:23:09	Date and time of file creation	ontime5	8277.5397846103	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8277.510112077	Sum of GTIs [s]
			ontime7	8277.5397846103	Sum of GTIs [s]
			ontime8	8277.4280321002	Sum of GTIs [s]
			ontime9	8277.5397846103	Sum of GTIs [s]
			l1events	1457748	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	232233	241167	239727	250764	258570	235287	grade 0 events	91408	34227	91948	43673	95736	89343
rejected events	74092	63826	68807	58129	78921	71763		39%	14%	38%	17%	37%	37%
rejected %	31%	26%	28%	23%	30%	30%	grade 1 events	821	190	505	198	622	586
								0%	0%	0%	0%	0%	0%
							grade 2 events	25165	63980	29845	42193	32045	28320
								10%	26%	12%	16%	12%	12%
							grade 3 events	10801	9890	10788	18881	12020	10493
								4%	4%	4%	7%	4%	4%
							grade 4 events	10633	9737	10869	19220	12197	10587
								4%	4%	4%	7%	4%	4%
							grade 5 events	4062	9379	4111	10165	5170	4567
								1%	3%	1%	4%	1%	1%
							grade 6 events	20134	59507	27470	68668	27651	24781
								8%	24%	11%	27%	10%	10%
							grade 7 events	69209	54257	64191	47766	73129	66610
								29%	22%	26%	19%	28%	28%

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	200.3940433632127	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-7.971991381775567	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	69.08795808490477			
[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)	258420457.505039	258420456.48004			
Observation start date	2006-03-10T23:27:38	2006-03-10T23:27:36			
[s] Observation end time (MET)	258443850.056126	258443849.03112			
Observation end date	2006-03-11T05:57:30	2006-03-11T05:57:29			
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)	2012.03.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2775397846103

A.2 Comments