

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56426 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 22 2012

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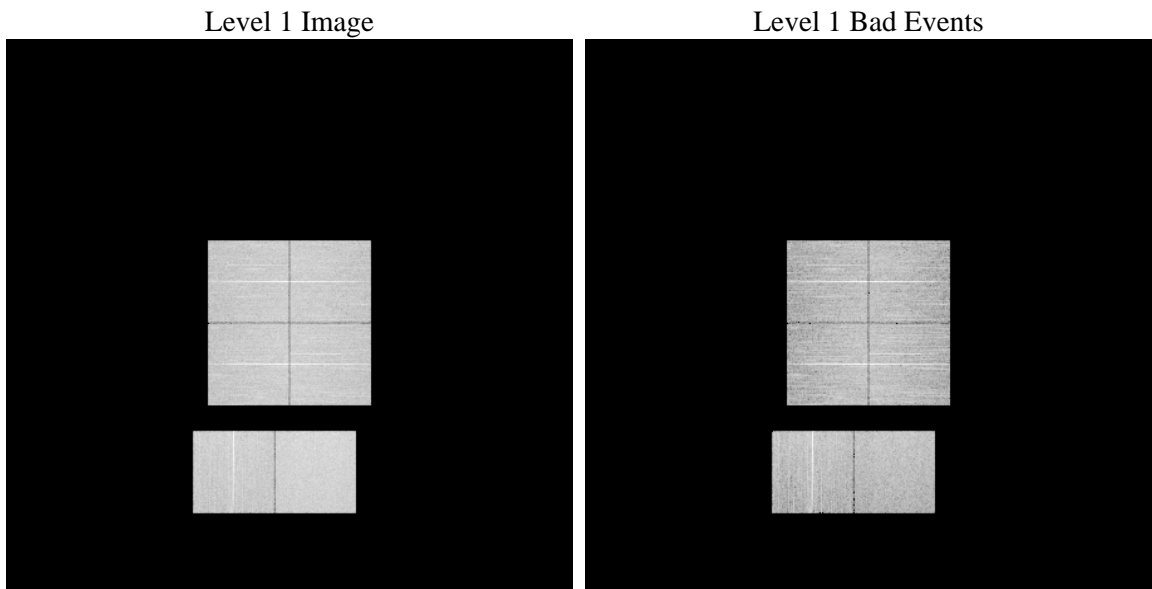
1 Front

seq_num	 	Sequence number
obs_id	56426	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	135.0065847217	Nominal RA [deg]
dec_nom	21.967241694405	Nominal Dec [deg]
roll_nom	244.50160149758	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8273.3567272425	Sum of GTIs [s]
livetime	8168.5945027448	Livetime [s]
ontime0	8273.3977573514	Sum of GTIs [s]
ontime1	8273.4387973547	Sum of GTIs [s]
ontime2	8273.479837358	Sum of GTIs [s]
ontime3	8273.3156773448	Sum of GTIs [s]
ontime6	8275.1999692321	Sum of GTIs [s]
ontime7	8273.3567272425	Sum of GTIs [s]
l2events	406627	Number of level 2 events

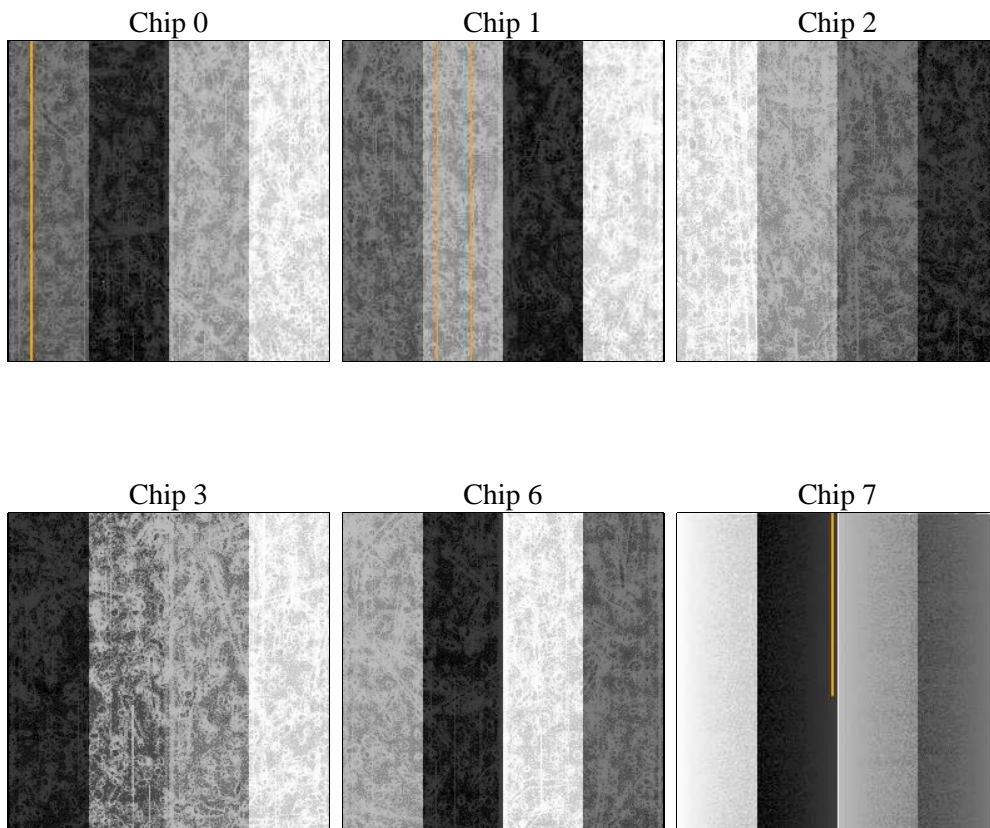
2 OBI

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	8.4.5	Processing system revision	ontime	8273.3567272425	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	8273.3977573514	Sum of GTIs [s]
date	2012-06-22T04:29:00	Date and time of file creation	ontime1	8273.4387973547	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8273.479837358	Sum of GTIs [s]
			ontime3	8273.3156773448	Sum of GTIs [s]
			ontime6	8275.1999692321	Sum of GTIs [s]
			ontime7	8273.3567272425	Sum of GTIs [s]
			l1events	874794	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	134753	136092	139442	143729	146140	174638	grade 0 events	34120	32817	35272	35798	33465	17272
rejected events	70004	70626	74934	78215	79110	72142		25%	24%	25%	24%	22%	9%
rejected %	51%	51%	53%	54%	54%	41%	grade 1 events	243	191	253	267	189	150
								0%	0%	0%	0%	0%	0%
							grade 2 events	11924	13777	10797	11277	13742	22482
								8%	10%	7%	7%	9%	12%
							grade 3 events	4332	4137	4565	4441	4022	8924
								3%	3%	3%	3%	2%	5%
							grade 4 events	4288	4087	4418	4446	4043	8585
								3%	3%	3%	3%	2%	4%
							grade 5 events	4078	3962	3765	4285	4038	10568
								3%	2%	2%	2%	2%	6%
							grade 6 events	10085	10648	9456	9552	11758	45233
								7%	7%	6%	6%	8%	25%
							grade 7 events	65683	66473	70916	73663	74883	61424
								48%	48%	50%	51%	51%	35%

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	135.0065847217015	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	21.96724169440548	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	244.5016014975837	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.6828225247311905			
[mm] SIM defocus	0.1037507710433287	0.8505141146731063			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	383626738.449135	383626737.42414			
Observation start date	2010-02-27T02:58:58	2010-02-27T02:58:57			
[s] Observation end time (MET)	383639263.94977	383639262.92477			
Observation end date	2010-02-27T06:27:44	2010-02-27T06:27:42			
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)	2012.06.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2733567272425

A.2 Comments