

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56277 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 25 2012

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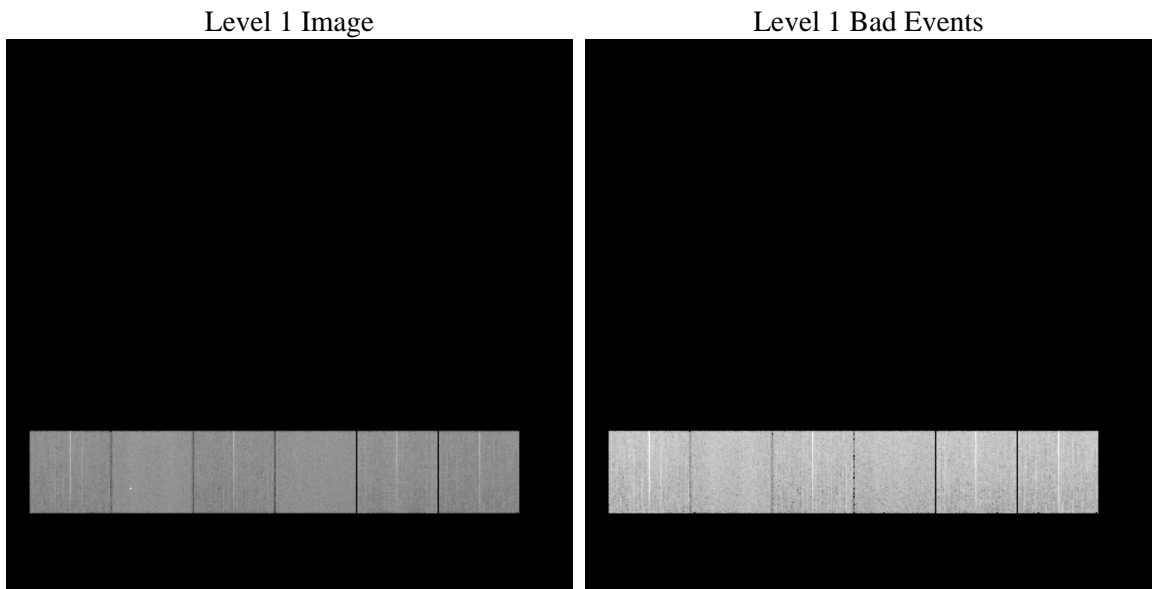
1 Front

seq_num	 	Sequence number
obs_id	56277	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	55.072448843727	Nominal RA [deg]
dec_nom	68.009254245368	Nominal Dec [deg]
roll_nom	345.96555525865	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8447.9999685884	Sum of GTIs [s]
livetime	8341.0263062112	Livetime [s]
ontime4	8444.7590082884	Sum of GTIs [s]
ontime5	8447.9999685884	Sum of GTIs [s]
ontime6	8447.9999685884	Sum of GTIs [s]
ontime7	8447.9999685884	Sum of GTIs [s]
ontime8	8447.9999685884	Sum of GTIs [s]
ontime9	8444.7590082884	Sum of GTIs [s]
l2events	444449	Number of level 2 events

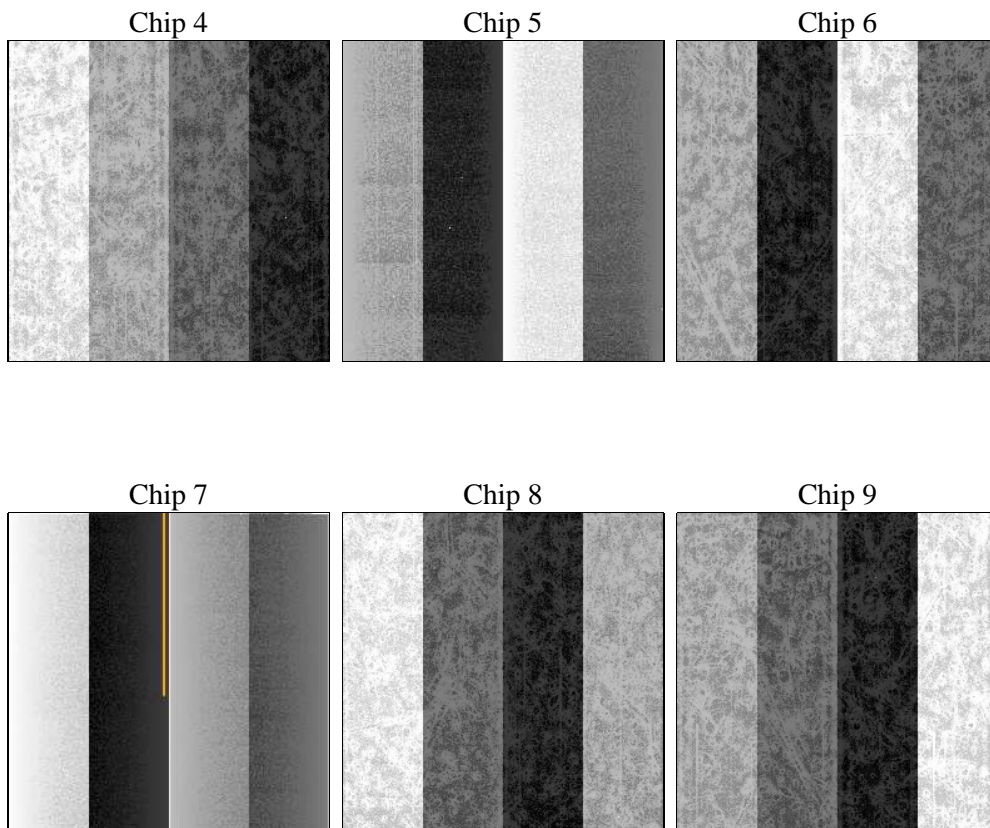
2 OBI

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	8447.9999685884	Sum of GTIs [s]
caldsver	4.4.10	 	ontime4	8444.7590082884	Sum of GTIs [s]
date	2012-06-25T11:31:07	Date and time of file creation	ontime5	8447.9999685884	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8447.9999685884	Sum of GTIs [s]
			ontime7	8447.9999685884	Sum of GTIs [s]
			ontime8	8447.9999685884	Sum of GTIs [s]
			ontime9	8444.7590082884	Sum of GTIs [s]
			l1events	934599	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	146123	174129	141135	167981	161080	144151	grade 0 events	36979	11070	32706	16999	39366	34859
rejected events	81577	71807	72848	67795	79481	77275		25%	6%	23%	10%	24%	24%
rejected %	55%	41%	51%	40%	49%	53%	grade 1 events	358	206	195	170	283	227
								0%	0%	0%	0%	0%	0%
							grade 2 events	9829	37547	15401	22410	16055	12357
								6%	21%	10%	13%	9%	8%
							grade 3 events	4694	3926	4042	8488	5730	4311
								3%	2%	2%	5%	3%	2%
							grade 4 events	4483	4105	4038	8429	5691	4333
								3%	2%	2%	5%	3%	3%
							grade 5 events	3992	8028	3898	9932	5245	4470
								2%	4%	2%	5%	3%	3%
							grade 6 events	8581	45696	12127	43944	14846	11078
								5%	26%	8%	26%	9%	7%
							grade 7 events	77207	63551	68728	57609	73864	72516
								52%	36%	48%	34%	45%	50%

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	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	55.07244884372673	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	68.00925424536842	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	345.9655552586528	[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)	389568341.900927	389568340.87594			
Observation start date	2010-05-06T21:25:42	2010-05-06T21:25:40			
[s] Observation end time (MET)	389578520.151445	389578519.12645			
Observation end date	2010-05-07T00:15:20	2010-05-07T00:15:19			
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)	2012.07.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4479999685884

A.2 Comments