

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57451 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 26 2012

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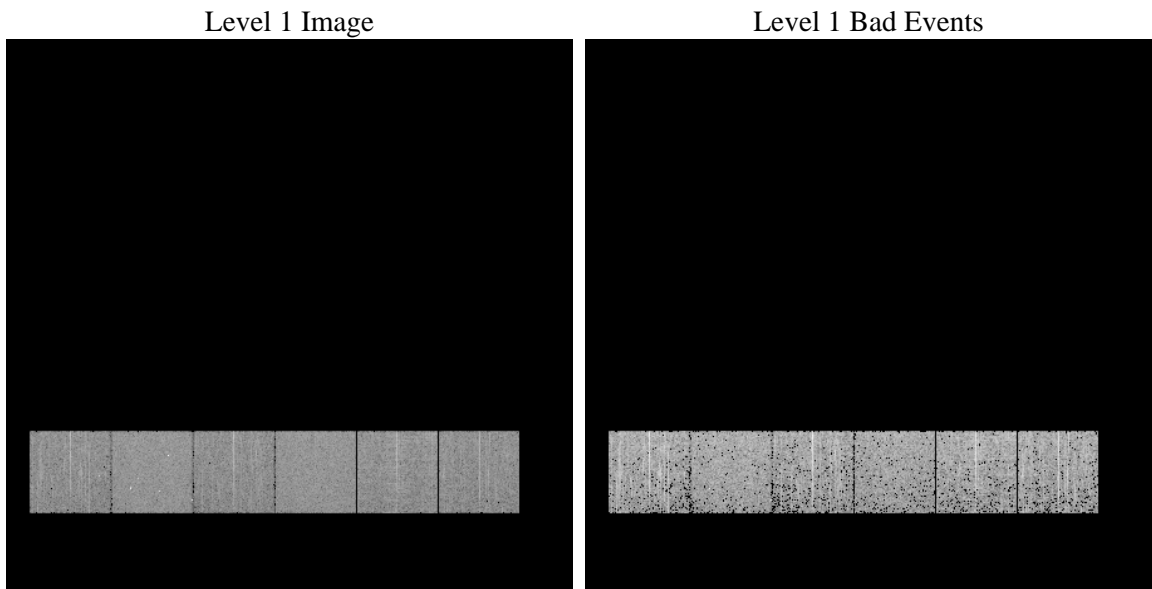
1 Front

seq_num	 	Sequence number
obs_id	57451	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	96.168814087728	Nominal RA [deg]
dec_nom	31.311000449581	Nominal Dec [deg]
roll_nom	125.08336631965	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2073.5999923348	Sum of GTIs [s]
livetime	2047.3428206599	Livetime [s]
ontime4	2073.5999923348	Sum of GTIs [s]
ontime5	2073.5999923348	Sum of GTIs [s]
ontime6	2073.5999923348	Sum of GTIs [s]
ontime7	2073.5999923348	Sum of GTIs [s]
ontime8	2073.5999923348	Sum of GTIs [s]
ontime9	2073.5999923348	Sum of GTIs [s]
l2events	143168	Number of level 2 events

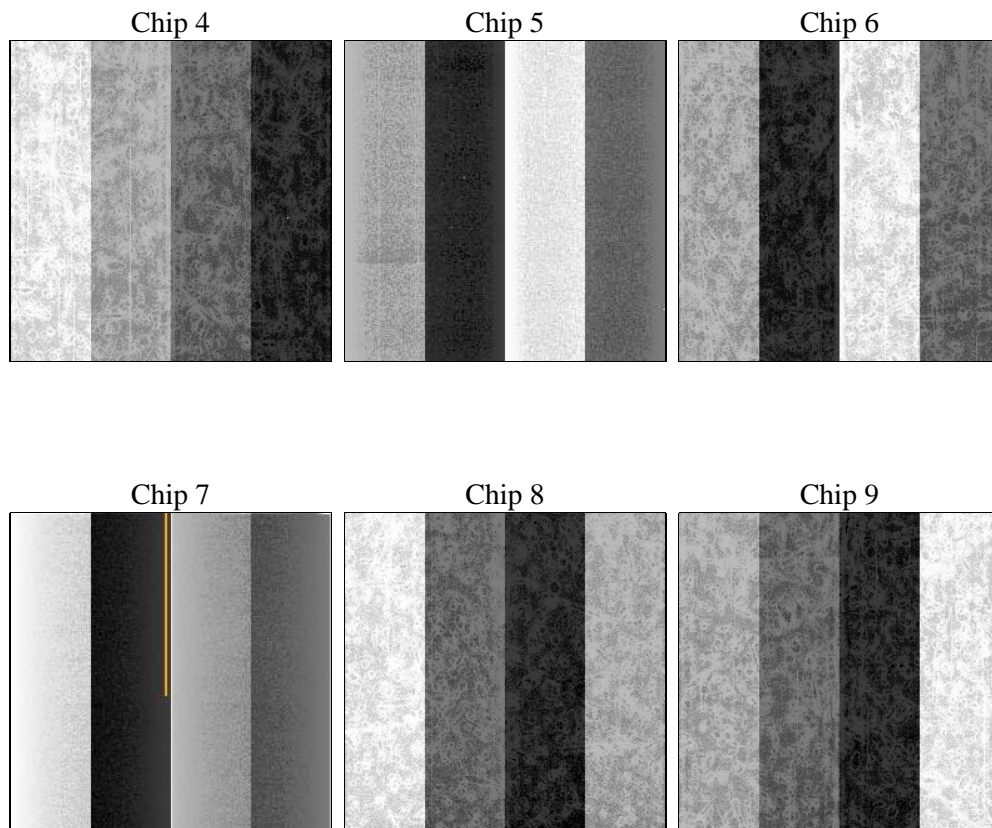
2 OBI

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	8.4.4	Processing system revision	ontime	2073.5999923348	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	2073.5999923348	Sum of GTIs [s]
date	2012-05-26T05:52:11	Date and time of file creation	ontime5	2073.5999923348	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	2073.5999923348	Sum of GTIs [s]
			ontime7	2073.5999923348	Sum of GTIs [s]
			ontime8	2073.5999923348	Sum of GTIs [s]
			ontime9	2073.5999923348	Sum of GTIs [s]
			l1events	273004	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	43207	50636	41804	48485	46530	42342	grade 0 events	12139	5839	11922	5953	12938	11872
rejected events	21693	18546	19060	17026	20562	20174		28%	11%	28%	12%	27%	28%
rejected %	50%	36%	45%	35%	44%	47%	grade 1 events	122	120	81	22	113	101
								0%	0%	0%	0%	0%	0%
							grade 2 events	3477	11073	3947	6831	4851	3769
								8%	21%	9%	14%	10%	8%
							grade 3 events	1444	1526	1506	3027	1932	1441
								3%	3%	3%	6%	4%	3%
							grade 4 events	1550	1528	1527	2995	1770	1532
								3%	3%	3%	6%	3%	3%
							grade 5 events	1012	2532	1123	2785	1320	1248
								2%	5%	2%	5%	2%	2%
							grade 6 events	2904	12124	3842	12653	4477	3554
								6%	23%	9%	26%	9%	8%
							grade 7 events	20559	15894	17856	14219	19129	18825
								47%	31%	42%	29%	41%	44%

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	96.16881408772778	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	31.31100044958142	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	125.0833663196532	[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)	345663846.398941	345663845.37394			
Observation start date	2008-12-14T17:44:06	2008-12-14T17:44:05			
[s] Observation end time (MET)	345668766.399184	345668765.37418			
Observation end date	2008-12-14T19:06:06	2008-12-14T19:06:05			
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)	2012.06.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.0735999923348

A.2 Comments