

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57659 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 19 2012

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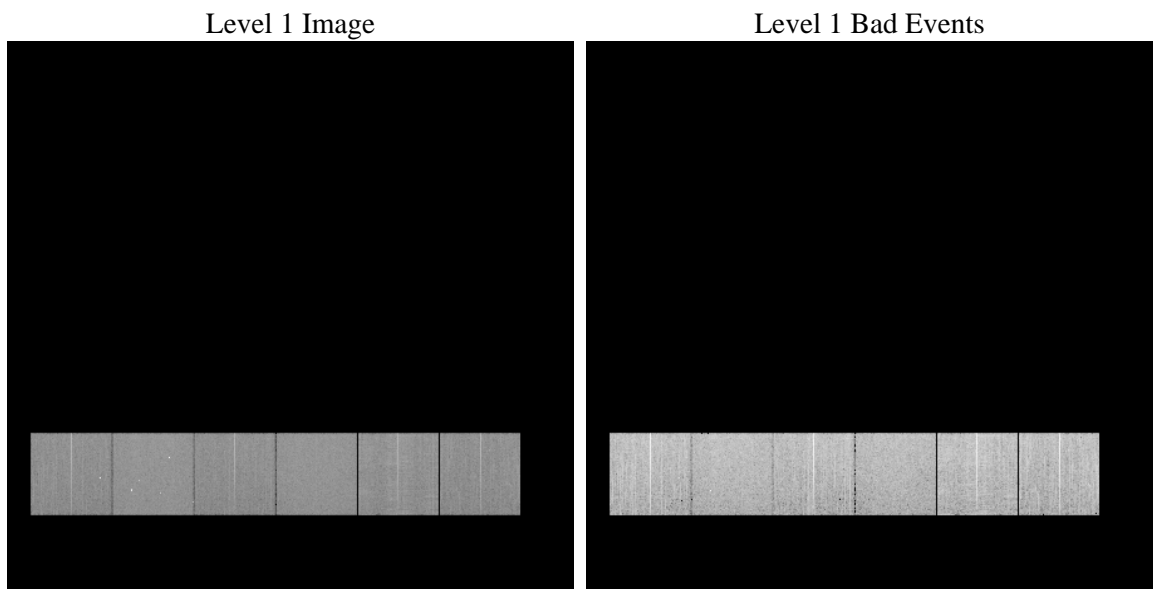
1 Front

seq_num	 	Sequence number
obs_id	57659	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	280.00040513369	Nominal RA [deg]
dec_nom	6.3712275549981	Nominal Dec [deg]
roll_nom	237.94453467844	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7791.3796274066	Sum of GTIs [s]
livetime	7692.7204871588	Livetime [s]
ontime4	7791.2565073967	Sum of GTIs [s]
ontime5	7791.3385874033	Sum of GTIs [s]
ontime6	7791.2975474	Sum of GTIs [s]
ontime7	7791.3796274066	Sum of GTIs [s]
ontime8	7791.2154673934	Sum of GTIs [s]
ontime9	7791.4138521552	Sum of GTIs [s]
l2events	566043	Number of level 2 events

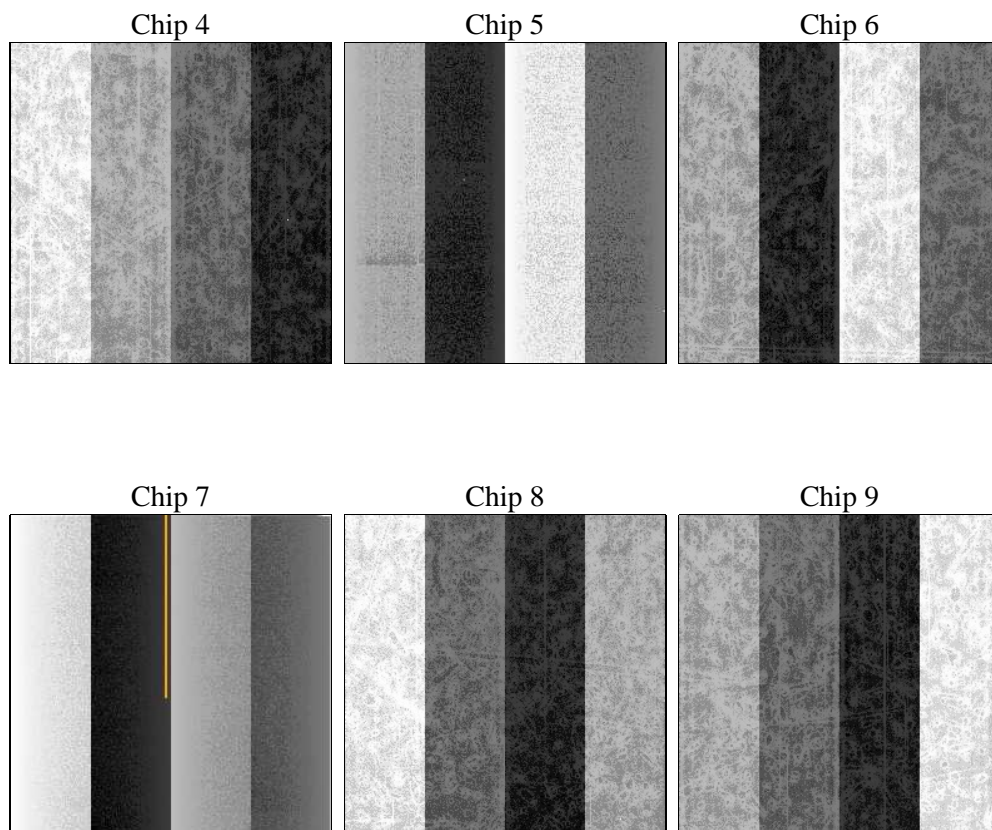
2 OBI

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	7791.3796274066	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	7791.2565073967	Sum of GTIs [s]
date	2012-05-19T05:23:18	Date and time of file creation	ontime5	7791.3385874033	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	7791.2975474	Sum of GTIs [s]
			ontime7	7791.3796274066	Sum of GTIs [s]
			ontime8	7791.2154673934	Sum of GTIs [s]
			ontime9	7791.4138521552	Sum of GTIs [s]
			l1events	1046069	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	162932	190441	162126	184597	182873	163100	grade 0 events	50578	22597	48495	24113	52643	47622
rejected events	75371	67051	71038	62500	78415	74672		31%	11%	29%	13%	28%	29%
rejected %	46%	35%	43%	33%	42%	45%	grade 1 events	483	387	273	158	355	365
								0%	0%	0%	0%	0%	0%
							grade 2 events	13805	42837	15974	26447	19153	15543
								8%	22%	9%	14%	10%	9%
							grade 3 events	6029	6092	5771	11546	7596	5772
								3%	3%	3%	6%	4%	3%
							grade 4 events	5812	5934	5872	11412	7411	5894
								3%	3%	3%	6%	4%	3%
							grade 5 events	3963	9300	4181	10451	5342	4545
								2%	4%	2%	5%	2%	2%
							grade 6 events	11337	45930	14976	48579	17655	13597
								6%	24%	9%	26%	9%	8%
							grade 7 events	70925	57364	66584	51891	72718	69762
								43%	30%	41%	28%	39%	42%

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	280.0004051336947	Alternating exposures requested	N	N
[deg] Pointing Dec	0	6.371227554998126	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	237.9445346784408			
[mm] SIM focus pos	-1.429586	-0.6828225247311905			
[mm] SIM defocus	0.1037507710433287	0.8505141146731063			
[mm] SIM translation stage pos	250.455976	250.4635187648994			
[mm] SIM translation stage offset	0	-0.007540371344731511			
[s] Observation start time (MET)	334463858.137621	334463857.11261			
Observation start date	2008-08-07T02:37:38	2008-08-07T02:37:37			
[s] Observation end time (MET)	334477826.838306	334477825.8133			
Observation end date	2008-08-07T06:30:27	2008-08-07T06:30:25			
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)	2012.05.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7913796274066

A.2 Comments