

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58336 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 27 2012

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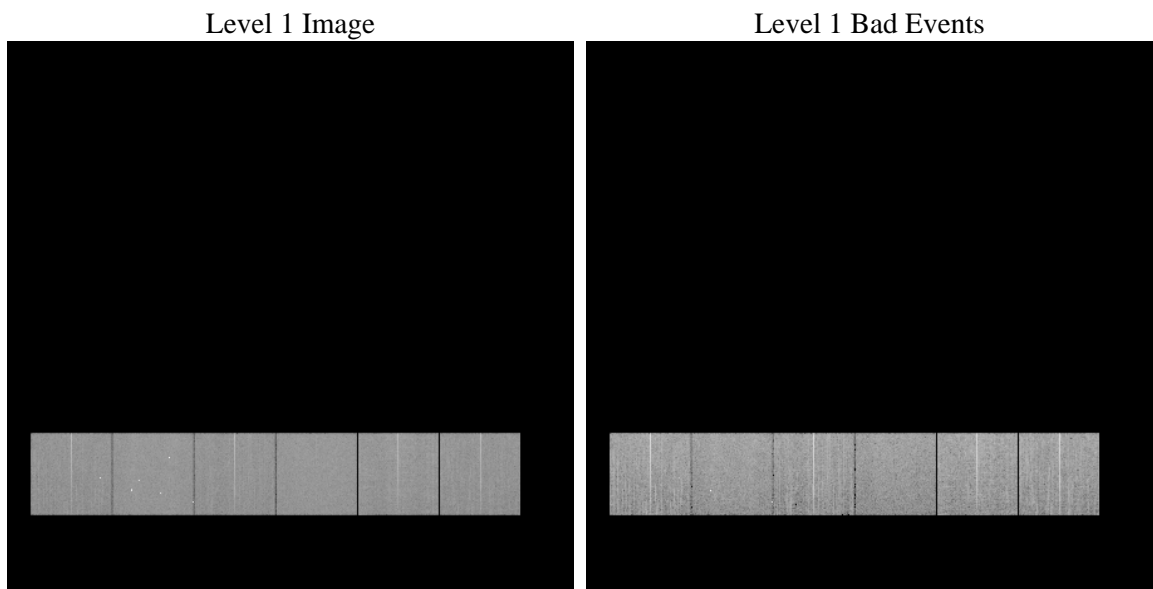
1 Front

seq_num	 	Sequence number
obs_id	58336	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	251.03398245019	Nominal RA [deg]
dec_nom	-40.012149973231	Nominal Dec [deg]
roll_nom	302.08918281732	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8179.1999695897	Sum of GTIs [s]
livetime	8075.6300146518	Livetime [s]
ontime4	8179.1999695897	Sum of GTIs [s]
ontime5	8179.1999695897	Sum of GTIs [s]
ontime6	8179.1999695897	Sum of GTIs [s]
ontime7	8179.1999695897	Sum of GTIs [s]
ontime8	8179.1999695897	Sum of GTIs [s]
ontime9	8179.1999695897	Sum of GTIs [s]
l2events	729631	Number of level 2 events

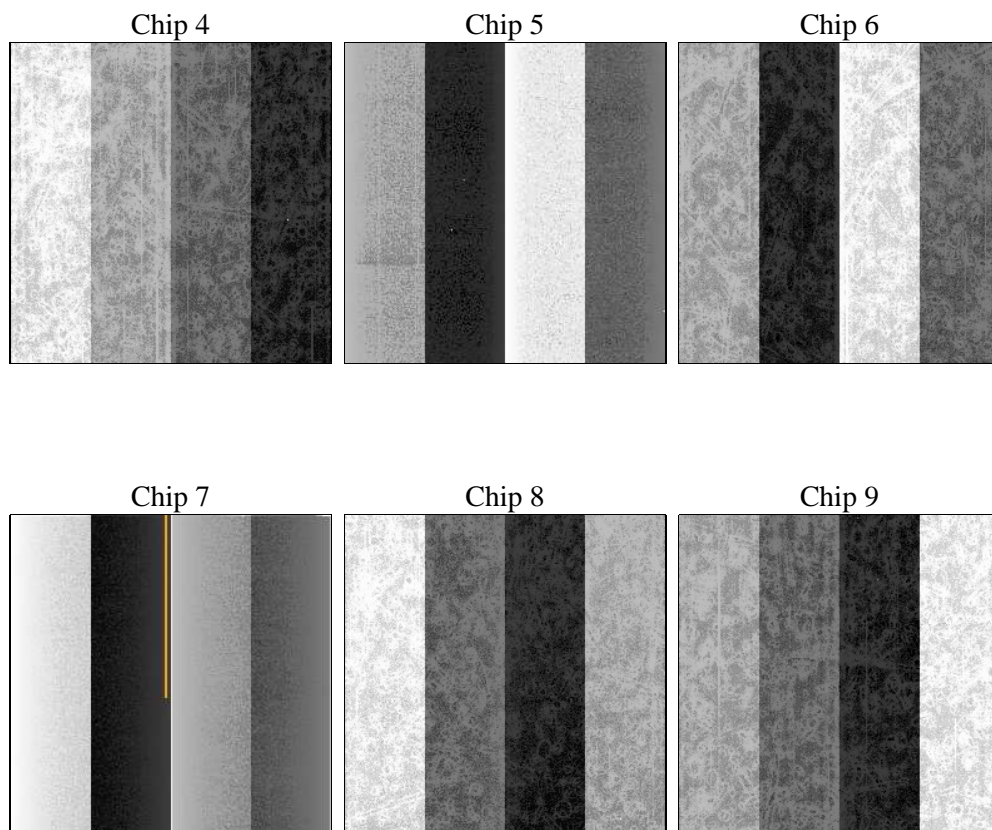
2 OBI

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	8179.1999695897	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8179.1999695897	Sum of GTIs [s]
date	2012-04-27T04:38:47	Date and time of file creation	ontime5	8179.1999695897	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8179.1999695897	Sum of GTIs [s]
			ontime7	8179.1999695897	Sum of GTIs [s]
			ontime8	8179.1999695897	Sum of GTIs [s]
			ontime9	8179.1999695897	Sum of GTIs [s]
			l1events	1258612	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	199003	221837	200834	218013	218895	200030	grade 0 events	68068	26292	65996	31619	70763	65049
rejected events	83601	73286	78383	66855	84886	81921		34%	11%	32%	14%	32%	32%
rejected %	42%	33%	39%	30%	38%	40%	grade 1 events	630	432	409	141	432	484
								0%	0%	0%	0%	0%	0%
							grade 2 events	17670	55826	21906	33417	24403	20305
								8%	25%	10%	15%	11%	10%
							grade 3 events	8096	6766	7839	14610	9293	7881
								4%	3%	3%	6%	4%	3%
							grade 4 events	7979	6474	7800	14316	9104	7891
								4%	2%	3%	6%	4%	3%
							grade 5 events	4108	9686	4177	10562	5441	4754
								2%	4%	2%	4%	2%	2%
							grade 6 events	14911	54842	20335	58815	22050	18344
								7%	24%	10%	26%	10%	9%
							grade 7 events	77541	61519	72372	54533	77409	75322
								38%	27%	36%	25%	35%	37%

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	251.0339824501884	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-40.01214997323127	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	302.0891828173241			
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-190.132523	250.4635187648994			
[mm] SIM translation stage offset	0	-0.007540371344731511			
[s] Observation start time (MET)	299546634.895587	299546633.87059			
Observation start date	2007-06-29T23:23:55	2007-06-29T23:23:53			
[s] Observation end time (MET)	299570677.296738	299570676.27174			
Observation end date	2007-06-30T06:04:37	2007-06-30T06:04:36			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.04.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1791999695897

A.2 Comments