

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57971 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 9 2012

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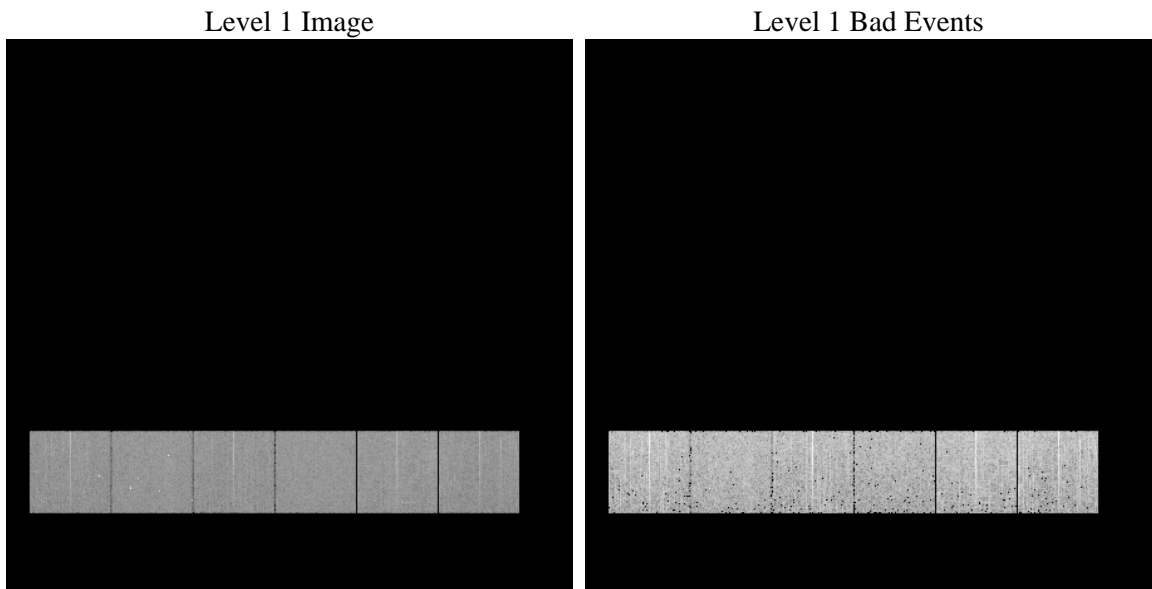
1 Front

seq_num	 	Sequence number
obs_id	57971	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	120.02379400467	Nominal RA [deg]
dec_nom	4.4838945162427	Nominal Dec [deg]
roll_nom	292.96012905557	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3091.1763504744	Sum of GTIs [s]
livetime	3052.0340142417	Livetime [s]
ontime4	3091.0532304645	Sum of GTIs [s]
ontime5	3091.1353104711	Sum of GTIs [s]
ontime6	3091.0942704678	Sum of GTIs [s]
ontime7	3091.1763504744	Sum of GTIs [s]
ontime8	3091.0121904612	Sum of GTIs [s]
ontime9	3091.199988544	Sum of GTIs [s]
l2events	312764	Number of level 2 events

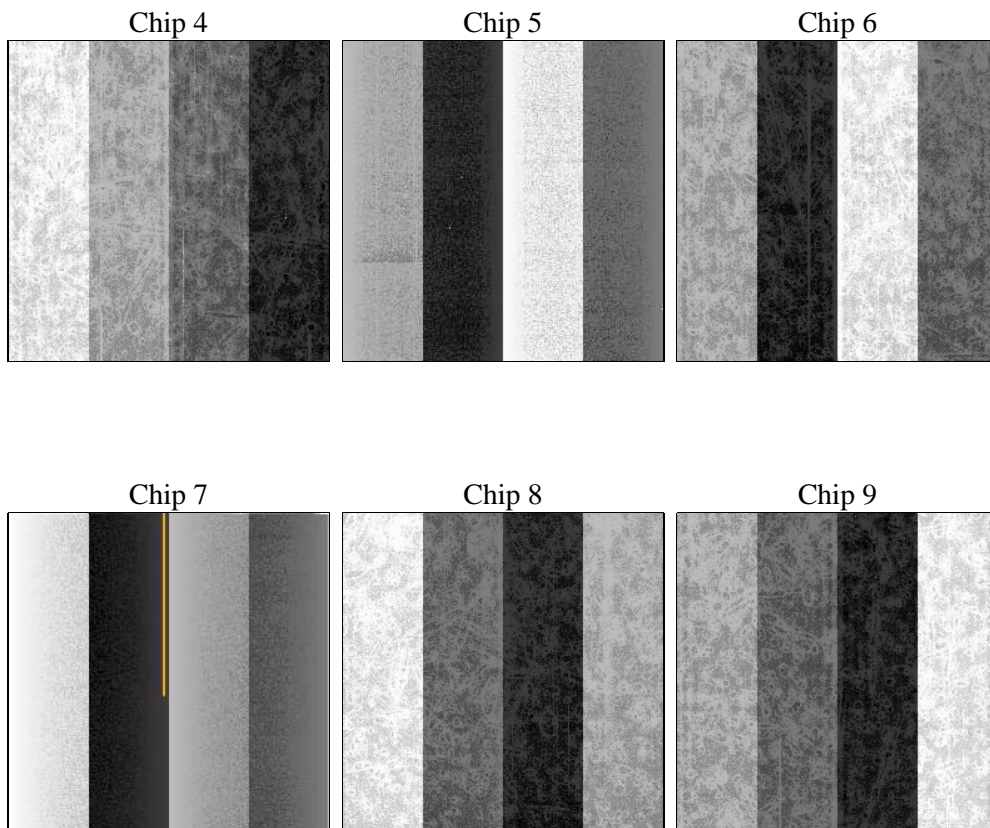
2 OBI

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	3091.1763504744	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	3091.0532304645	Sum of GTIs [s]
date	2012-05-09T19:12:00	Date and time of file creation	ontime5	3091.1353104711	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	3091.0942704678	Sum of GTIs [s]
			ontime7	3091.1763504744	Sum of GTIs [s]
			ontime8	3091.0121904612	Sum of GTIs [s]
			ontime9	3091.199988544	Sum of GTIs [s]
			l1events	519239	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	82962	87827	83471	87467	92781	84731	grade 0 events	29209	10505	26838	13119	29708	27494
rejected events	32013	27202	30165	25154	33521	32682		35%	11%	32%	14%	32%	32%
rejected %	38%	30%	36%	28%	36%	38%	grade 1 events	345	173	184	50	205	215
								0%	0%	0%	0%	0%	0%
							grade 2 events	7319	23169	9763	14004	10494	8685
								8%	26%	11%	16%	11%	10%
							grade 3 events	3501	2538	3243	5575	3962	3333
								4%	2%	3%	6%	4%	3%
							grade 4 events	3419	2445	3236	5382	3933	3265
								4%	2%	3%	6%	4%	3%
							grade 5 events	1600	3413	1694	4034	2250	1852
								1%	3%	2%	4%	2%	2%
							grade 6 events	7501	21968	10226	24233	11163	9272
								9%	25%	12%	27%	12%	10%
							grade 7 events	30068	23616	28287	21070	31066	30615
								36%	26%	33%	24%	33%	36%

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	120.0237940046698	Alternating exposures requested	N	N
[deg] Pointing Dec	0	4.483894516242657	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	292.9601290555707			
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	319160207.641231	319160206.61624			
Observation start date	2008-02-11T23:36:48	2008-02-11T23:36:46			
[s] Observation end time (MET)	319176359.592015	319176358.56702			
Observation end date	2008-02-12T04:06:00	2008-02-12T04:05:58			
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)	2012.05.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.0911763504744

A.2 Comments