

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57851 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 13 2012

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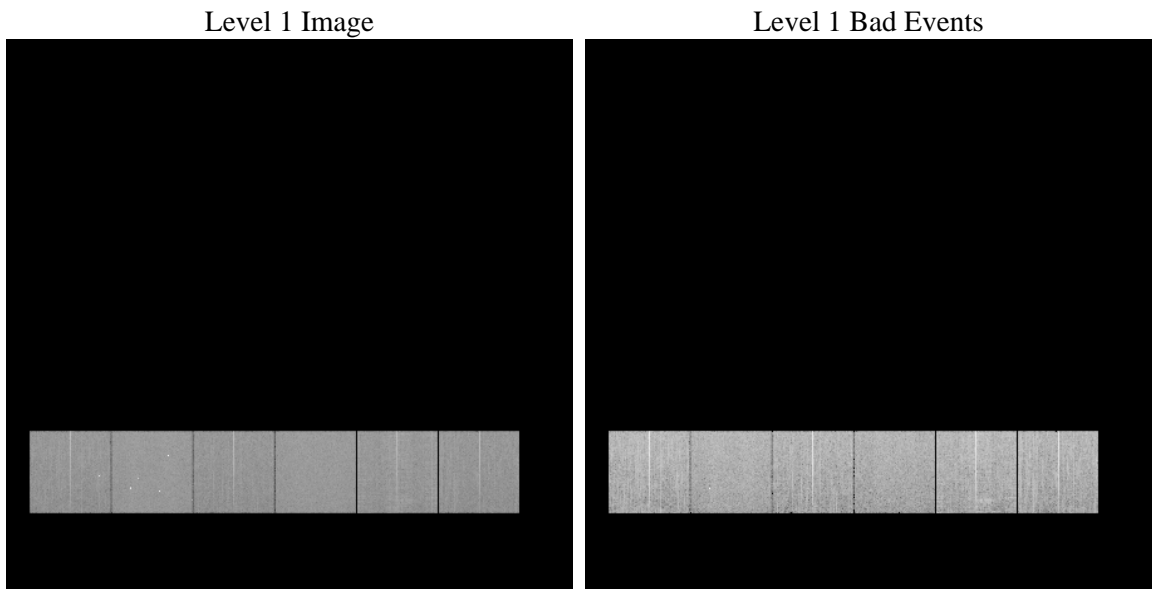
1 Front

seq_num	 	Sequence number
obs_id	57851	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	223.97142247697	Nominal RA [deg]
dec_nom	9.9995593075436	Nominal Dec [deg]
roll_nom	145.78890610818	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8268.7999692559	Sum of GTIs [s]
livetime	8164.0954451716	Livetime [s]
ontime4	8268.7999692559	Sum of GTIs [s]
ontime5	8268.7999692559	Sum of GTIs [s]
ontime6	8268.7999692559	Sum of GTIs [s]
ontime7	8268.7999692559	Sum of GTIs [s]
ontime8	8268.7999692559	Sum of GTIs [s]
ontime9	8268.7999692559	Sum of GTIs [s]
l2events	635382	Number of level 2 events

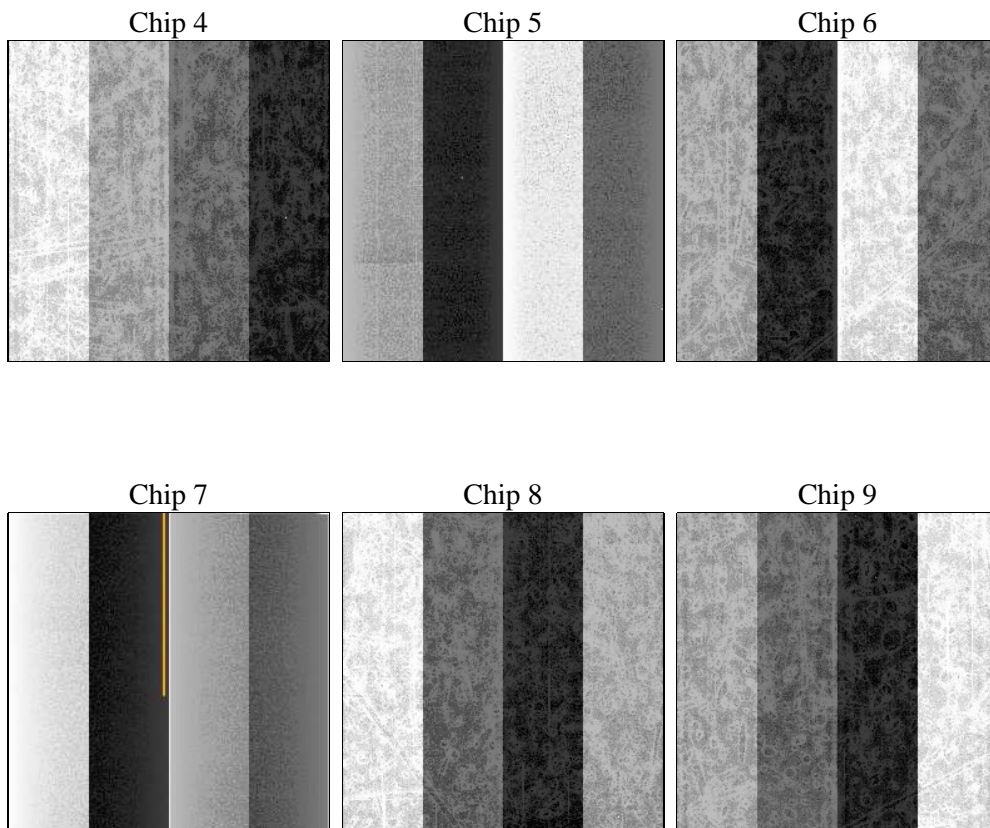
2 OBI

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	8268.7999692559	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8268.7999692559	Sum of GTIs [s]
date	2012-05-13T12:34:28	Date and time of file creation	ontime5	8268.7999692559	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8268.7999692559	Sum of GTIs [s]
			ontime7	8268.7999692559	Sum of GTIs [s]
			ontime8	8268.7999692559	Sum of GTIs [s]
			ontime9	8268.7999692559	Sum of GTIs [s]
			l1events	1145795	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	181074	206511	177576	201315	199707	179612	grade 0 events	56148	24502	55181	27146	58904	53915
rejected events	82917	71287	73712	66293	82993	79132		31%	11%	31%	13%	29%	30%
rejected %	45%	34%	41%	32%	41%	44%	grade 1 events	552	218	331	153	428	391
								0%	0%	0%	0%	0%	0%
							grade 2 events	15745	47521	18362	29384	21585	17307
								8%	23%	10%	14%	10%	9%
							grade 3 events	6721	6561	6785	12699	8299	6545
								3%	3%	3%	6%	4%	3%
							grade 4 events	6740	6450	6577	12854	8067	6831
								3%	3%	3%	6%	4%	3%
							grade 5 events	4274	9901	4423	11056	5635	4855
								2%	4%	2%	5%	2%	2%
							grade 6 events	12843	50254	16991	52993	19908	15908
								7%	24%	9%	26%	9%	8%
							grade 7 events	78051	61104	68926	55030	76881	73860
								43%	29%	38%	27%	38%	41%

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	223.9714224769675	Alternating exposures requested	N	N
[deg] Pointing Dec	0	9.999559307543599	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	145.7889061081751			
[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)	325135244.531772	325135243.50677			
Observation start date	2008-04-21T03:20:45	2008-04-21T03:20:43			
[s] Observation end time (MET)	325157771.982869	325157770.95787			
Observation end date	2008-04-21T09:36:12	2008-04-21T09:36:10			
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)	2012.05.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2687999692559

A.2 Comments