

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61972 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Aug 31 2012

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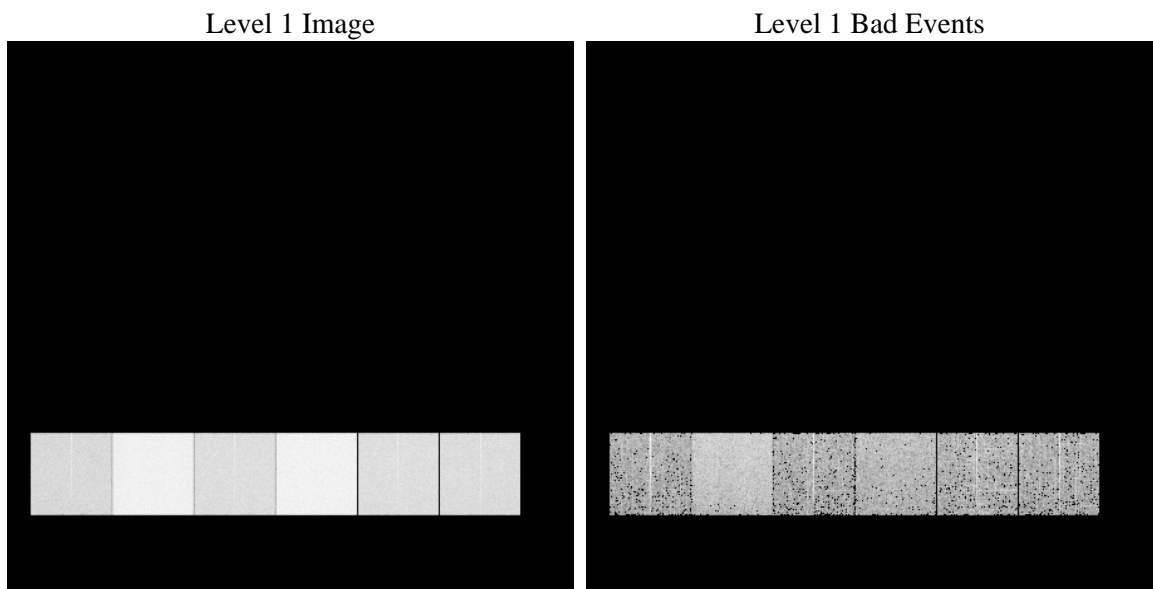
1 Front

seq_num	 	Sequence number
obs_id	61972	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	314.03149209241	Nominal RA [deg]
dec_nom	-27.992731350704	Nominal Dec [deg]
roll_nom	342.31766080291	Nominal Roll [deg]
revision	4	Processing version of data
ontime	4748.9947295934	Sum of GTIs [s]
livetime	4688.860098826	Livetime [s]
ontime4	1989.1909467727	Sum of GTIs [s]
ontime5	5099.0191628486	Sum of GTIs [s]
ontime6	2222.5047063828	Sum of GTIs [s]
ontime7	4748.9947295934	Sum of GTIs [s]
ontime8	2251.7561762482	Sum of GTIs [s]
ontime9	2183.4890267551	Sum of GTIs [s]
l2events	1367264	Number of level 2 events

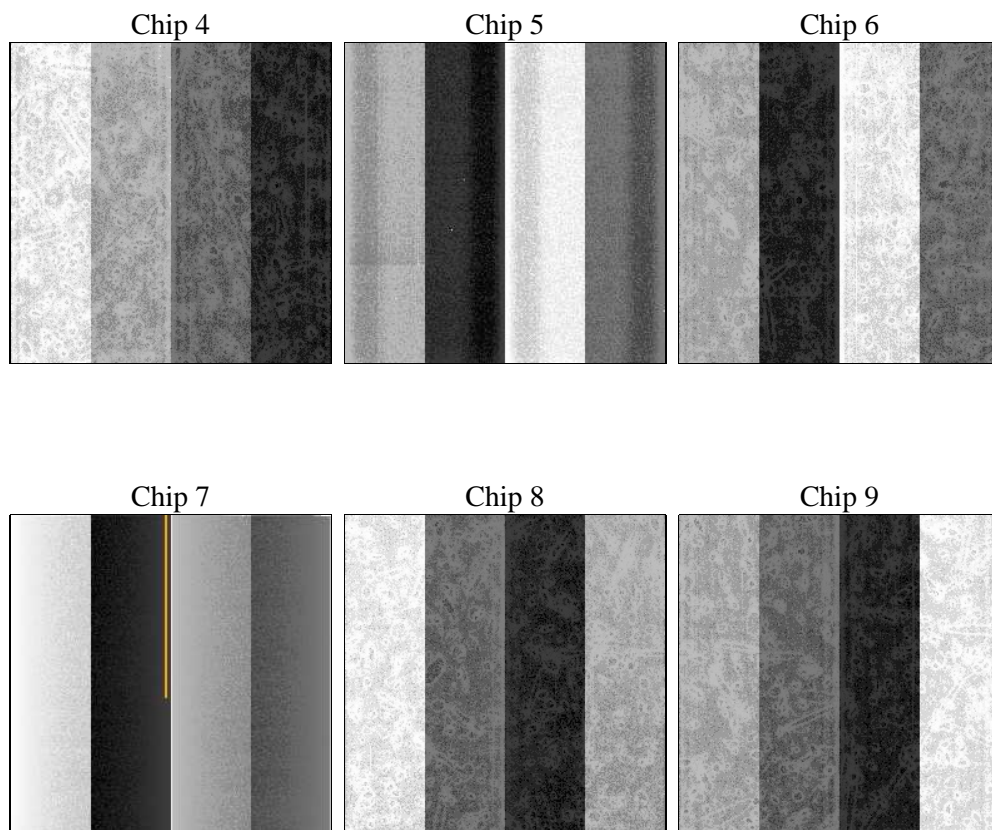
2 OBI

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	8.4.5	Processing system revision	ontime	4748.9947295934	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime4	1989.1909467727	Sum of GTIs [s]
date	2012-08-31T18:06:18	Date and time of file creation	ontime5	5099.0191628486	Sum of GTIs [s]
revision	4	Processing version of data	ontime6	2222.5047063828	Sum of GTIs [s]
			ontime7	4748.9947295934	Sum of GTIs [s]
			ontime8	2251.7561762482	Sum of GTIs [s]
			ontime9	2183.4890267551	Sum of GTIs [s]
			l1events	1556143	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	168472	389197	200563	404660	203632	189619	grade 0 events	85593	83270	100656	98764	101897	95045
rejected events	17461	37005	17676	22253	19665	17266		50%	21%	50%	24%	50%	50%
rejected %	10%	9%	8%	5%	9%	9%	grade 1 events	466	225	496	251	497	441
								0%	0%	0%	0%	0%	0%
							grade 2 events	26821	129944	31553	84727	32307	30113
								15%	33%	15%	20%	15%	15%
							grade 3 events	9085	22208	11053	39358	11469	10649
								5%	5%	5%	9%	5%	5%
							grade 4 events	9129	21822	11157	38673	11610	10728
								5%	5%	5%	9%	5%	5%
							grade 5 events	1201	7625	1434	5133	1467	1360
								0%	1%	0%	1%	0%	0%
							grade 6 events	20383	94948	28734	120885	26684	25818
								12%	24%	14%	29%	13%	13%
							grade 7 events	15794	29155	15480	16869	17701	15465
								9%	7%	7%	4%	8%	8%

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	314.0314920924084	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-27.99273135070403	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	342.3176608029145			
[mm] SIM focus pos	-0.684267	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	82051899.829	82051899.06036299			
Observation start date	2000-08-07T16:11:40	2000-08-07T16:11:39			
[s] Observation end time (MET)	82062486.029	82062485.260758			
Observation end date	2000-08-07T19:08:06	2000-08-07T19:08:05			
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)	2012.09.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.7489947295934

A.2 Comments