

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57369 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 29 2012

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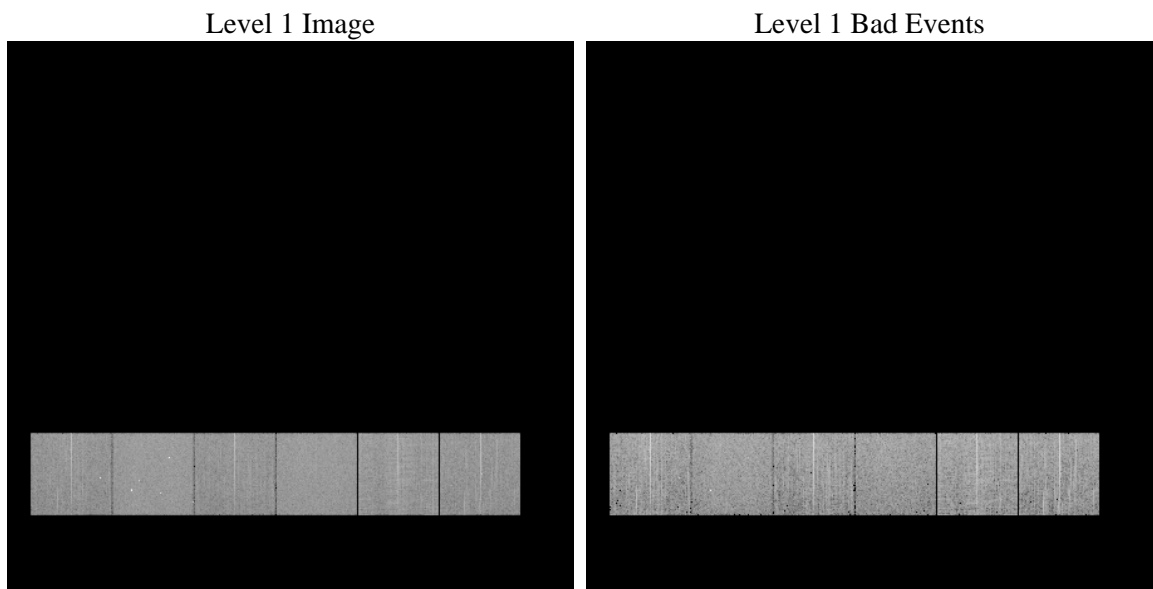
1 Front

seq_num	 	Sequence number
obs_id	57369	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	119.02689469134	Nominal RA [deg]
dec_nom	-3.9784393623834	Nominal Dec [deg]
roll_nom	356.31380477187	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4575.1947018504	Sum of GTIs [s]
livetime	4517.2608316841	Livetime [s]
ontime4	4575.0715818405	Sum of GTIs [s]
ontime5	4575.1536618471	Sum of GTIs [s]
ontime6	4575.1126218438	Sum of GTIs [s]
ontime7	4575.1947018504	Sum of GTIs [s]
ontime8	4575.0305418372	Sum of GTIs [s]
ontime9	4575.2357418537	Sum of GTIs [s]
l2events	307411	Number of level 2 events

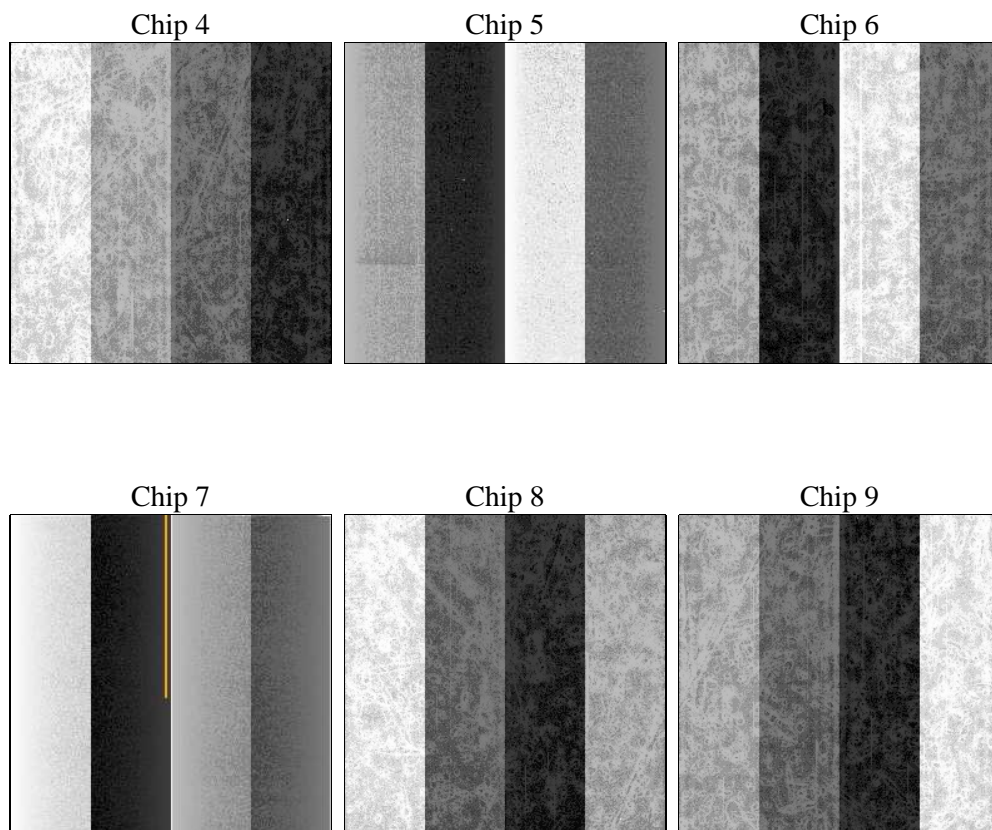
2 OBI

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	4575.1947018504	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	4575.0715818405	Sum of GTIs [s]
date	2012-05-29T05:10:46	Date and time of file creation	ontime5	4575.1536618471	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	4575.1126218438	Sum of GTIs [s]
			ontime7	4575.1947018504	Sum of GTIs [s]
			ontime8	4575.0305418372	Sum of GTIs [s]
			ontime9	4575.2357418537	Sum of GTIs [s]
			l1events	612557	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	93292	113166	93619	108932	109216	94332	grade 0 events	27456	11397	25997	13181	28835	25744
rejected events	46851	44103	44871	41189	51952	47268		29%	10%	27%	12%	26%	27%
rejected %	50%	38%	47%	37%	47%	50%	grade 1 events	285	142	186	99	216	194
								0%	0%	0%	0%	0%	0%
							grade 2 events	7466	25067	9100	14969	10965	8420
								8%	22%	9%	13%	10%	8%
							grade 3 events	3262	3316	3211	6512	4385	3189
								3%	2%	3%	5%	4%	3%
							grade 4 events	3212	3198	3282	6460	4236	3195
								3%	2%	3%	5%	3%	3%
							grade 5 events	2520	5684	2521	6420	3362	2822
								2%	5%	2%	5%	3%	2%
							grade 6 events	6112	27691	8281	28202	10133	7621
								6%	24%	8%	25%	9%	8%
							grade 7 events	42979	36671	41041	33089	47084	43147
								46%	32%	43%	30%	43%	45%

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	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	119.0268946913374	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-3.978439362383426	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	356.3138047718724	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.7809083437167272			
[mm] SIM defocus	0.1037507710433287	0.7524282956875696			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	348675622.497879	348675621.47288			
Observation start date	2009-01-18T14:20:22	2009-01-18T14:20:21			
[s] Observation end time (MET)	348685193.948352	348685192.92335			
Observation end date	2009-01-18T16:59:54	2009-01-18T16:59:52			
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)	2012.06.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.5751947018504

A.2 Comments