

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 58977 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Mar 31 2012

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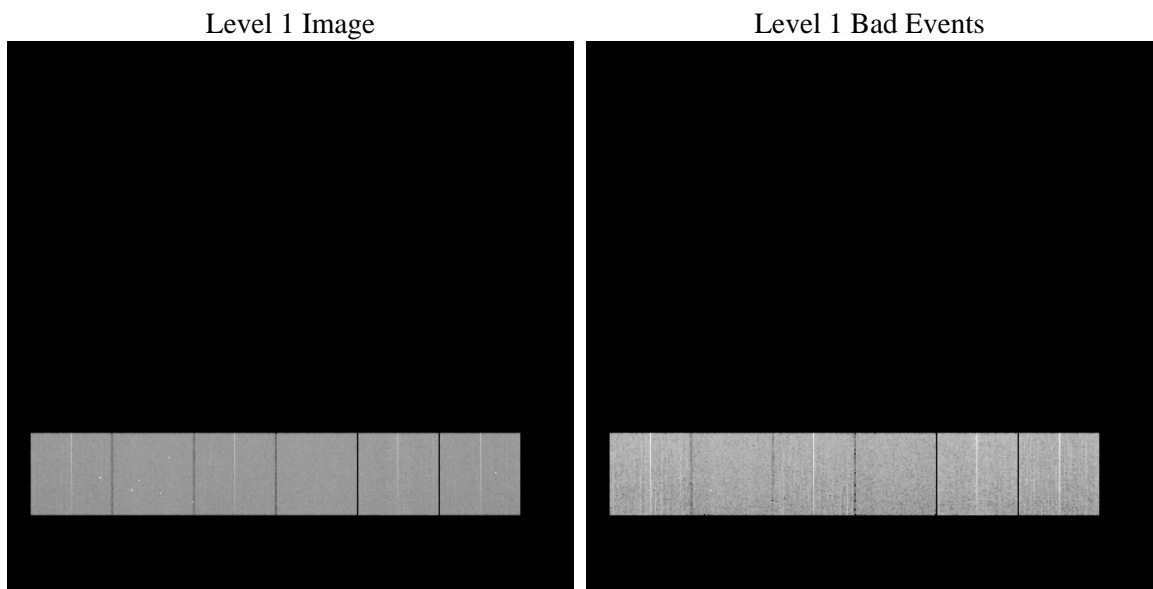
1 Front

seq_num	 	Sequence number
obs_id	58977	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	254.68656815523	Nominal RA [deg]
dec_nom	-23.474164661584	Nominal Dec [deg]
roll_nom	82.579144154608	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8223.964381516	Sum of GTIs [s]
livetime	8119.8275926404	Livetime [s]
ontime4	8223.8412615061	Sum of GTIs [s]
ontime5	8223.9233415127	Sum of GTIs [s]
ontime6	8223.8823015094	Sum of GTIs [s]
ontime7	8223.964381516	Sum of GTIs [s]
ontime8	8223.8002215326	Sum of GTIs [s]
ontime9	8223.9999693632	Sum of GTIs [s]
l2events	953260	Number of level 2 events

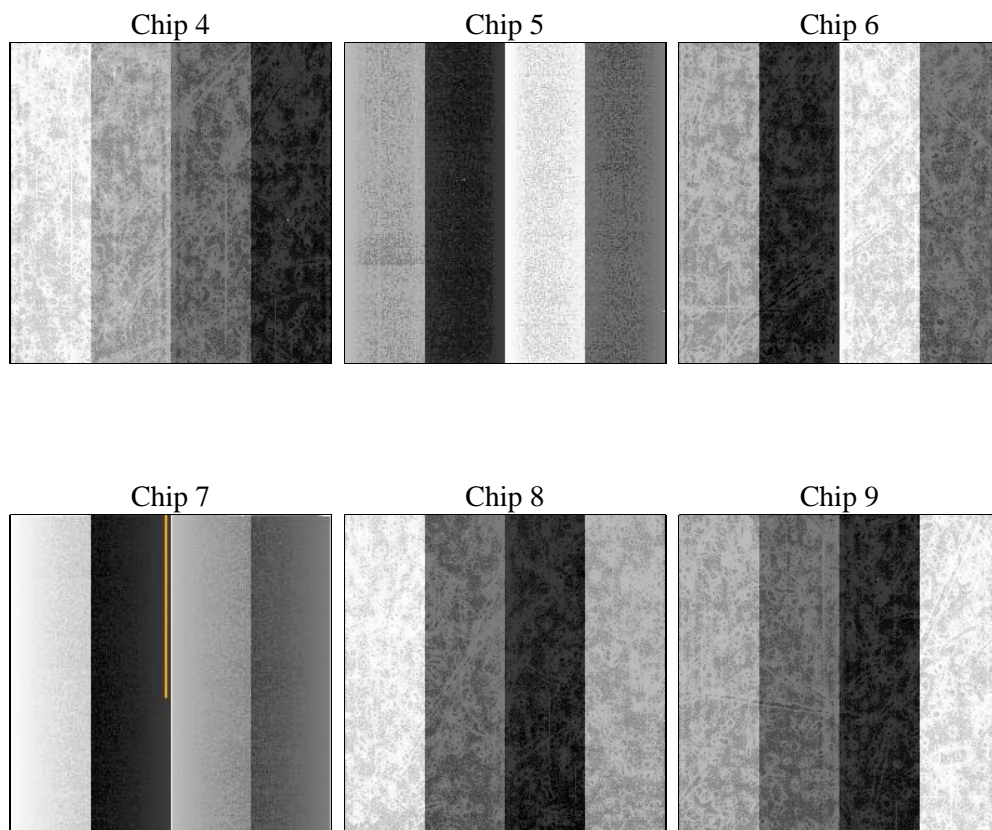
2 OBI

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	8.4.3	Processing system revision	ontime	8223.964381516	Sum of GTIs [s]
caldsver	4.4.8	 	ontime4	8223.8412615061	Sum of GTIs [s]
date	2012-03-31T13:21:49	Date and time of file creation	ontime5	8223.9233415127	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8223.8823015094	Sum of GTIs [s]
			ontime7	8223.964381516	Sum of GTIs [s]
			ontime8	8223.8002215326	Sum of GTIs [s]
			ontime9	8223.9999693632	Sum of GTIs [s]
			l1events	1456547	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	234095	242766	238624	249146	255985	235931	grade 0 events	90489	34210	89810	42796	93164	88075
rejected events	78844	66873	72705	60240	79931	73921		38%	14%	37%	17%	36%	37%
rejected %	33%	27%	30%	24%	31%	31%	grade 1 events	827	281	532	177	556	609
								0%	0%	0%	0%	0%	0%
							grade 2 events	24346	64701	28872	41404	31676	29284
								10%	26%	12%	16%	12%	12%
							grade 3 events	10666	9381	10440	18721	12124	10370
								4%	3%	4%	7%	4%	4%
							grade 4 events	10616	9248	10550	18526	11932	10419
								4%	3%	4%	7%	4%	4%
							grade 5 events	4061	9723	4194	10041	5275	4631
								1%	4%	1%	4%	2%	1%
							grade 6 events	20096	59520	27290	68672	28171	24857
								8%	24%	11%	27%	11%	10%
							grade 7 events	72994	55702	66936	48809	73087	67686
								31%	22%	28%	19%	28%	28%

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	254.6865681552292	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-23.47416466158365	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	82.57914415460755			
[mm] SIM focus pos	-0.684267	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-190.132523	250.4635187648994			
[mm] SIM translation stage offset	0	-0.007540371344731511			
[s] Observation start time (MET)	263450190.139332	263450189.11434			
Observation start date	2006-05-08T04:36:30	2006-05-08T04:36:29			
[s] Observation end time (MET)	263474033.690443	263474032.66546			
Observation end date	2006-05-08T11:13:54	2006-05-08T11:13:52			
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)	2012.04.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.223964381516

A.2 Comments