

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55465 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 9 2012

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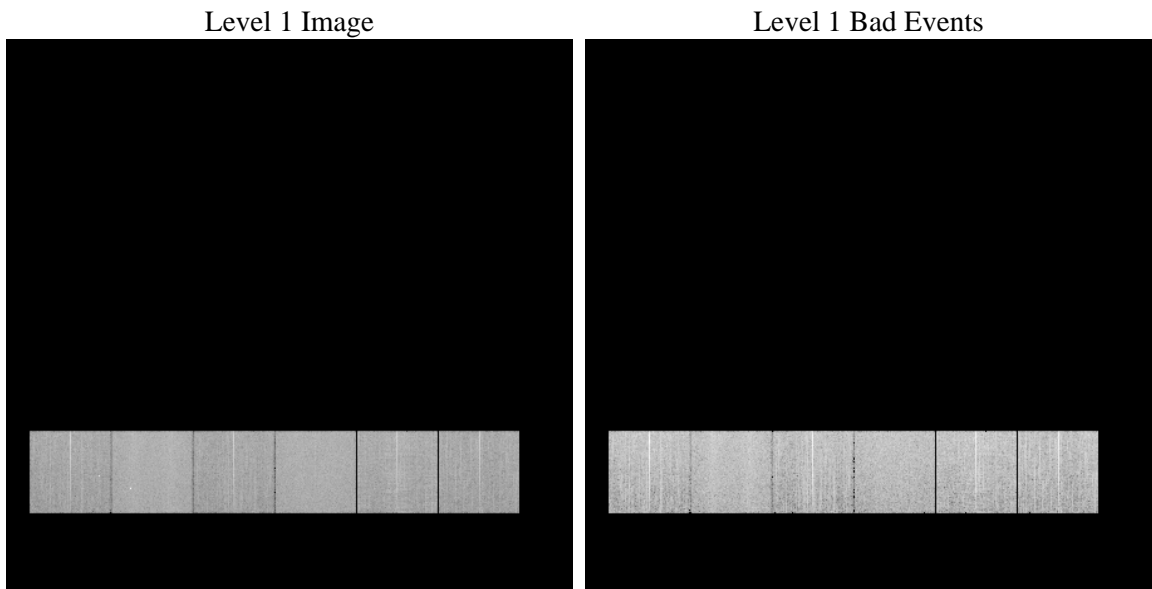
1 Front

seq_num	 	Sequence number
obs_id	55465	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	337.98293658318	Nominal RA [deg]
dec_nom	33.024872323945	Nominal Dec [deg]
roll_nom	87.01805791824	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8280.528419137	Sum of GTIs [s]
livetime	8175.6753823583	Livetime [s]
ontime4	8280.4052991271	Sum of GTIs [s]
ontime5	8280.4873791337	Sum of GTIs [s]
ontime6	8280.4463391304	Sum of GTIs [s]
ontime7	8280.528419137	Sum of GTIs [s]
ontime8	8280.3642591238	Sum of GTIs [s]
ontime9	8280.5694591403	Sum of GTIs [s]
l2events	336179	Number of level 2 events

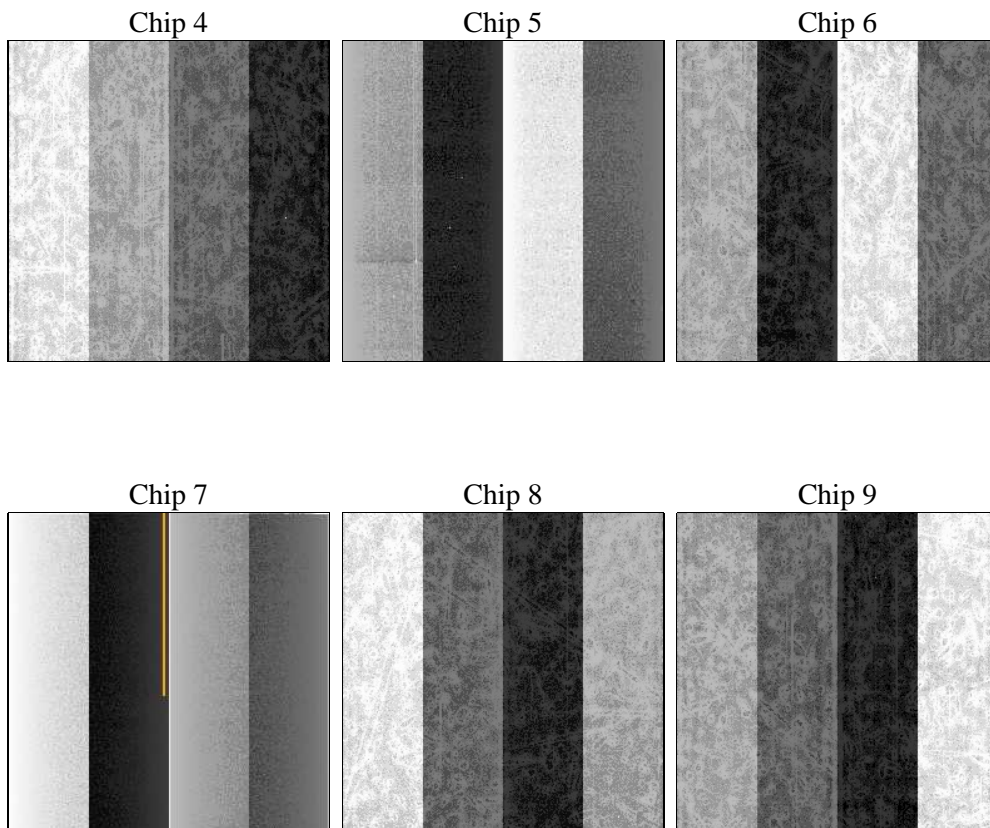
2 OBI

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	8280.528419137	Sum of GTIs [s]
caldsver	4.4.7	 	ontime4	8280.4052991271	Sum of GTIs [s]
date	2012-02-09T14:43:41	Date and time of file creation	ontime5	8280.4873791337	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8280.4463391304	Sum of GTIs [s]
			ontime7	8280.528419137	Sum of GTIs [s]
			ontime8	8280.3642591238	Sum of GTIs [s]
			ontime9	8280.5694591403	Sum of GTIs [s]
			l1events	736395	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	110407	141865	109917	135941	126586	111679	grade 0 events	27532	7187	23338	12499	28977	25662
rejected events	62634	62868	59600	58169	65449	62174		24%	5%	21%	9%	22%	22%
rejected %	56%	44%	54%	42%	51%	55%	grade 1 events	265	193	115	100	134	152
								0%	0%	0%	0%	0%	0%
							grade 2 events	7175	29755	12257	17446	12221	9297
								6%	20%	11%	12%	9%	8%
							grade 3 events	3426	2664	2859	6452	4377	3195
								3%	1%	2%	4%	3%	2%
							grade 4 events	3397	2467	2842	6256	4217	3283
								3%	1%	2%	4%	3%	2%
							grade 5 events	3339	6613	3155	8191	4335	3746
								3%	4%	2%	6%	3%	3%
							grade 6 events	6243	36924	9021	35119	11345	8068
								5%	26%	8%	25%	8%	7%
							grade 7 events	59030	56062	56330	49878	60980	58276
								53%	39%	51%	36%	48%	52%

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	337.9829365831789	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	33.02487232394463	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	87.01805791823993	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	420639578.499274	420639577.47428			
Observation start date	2011-05-01T12:19:38	2011-05-01T12:19:37			
[s] Observation end time (MET)	420649758.799803	420649757.77481			
Observation end date	2011-05-01T15:09:19	2011-05-01T15:09:17			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.02.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.280528419137

A.2 Comments