

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60303 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 14 2012

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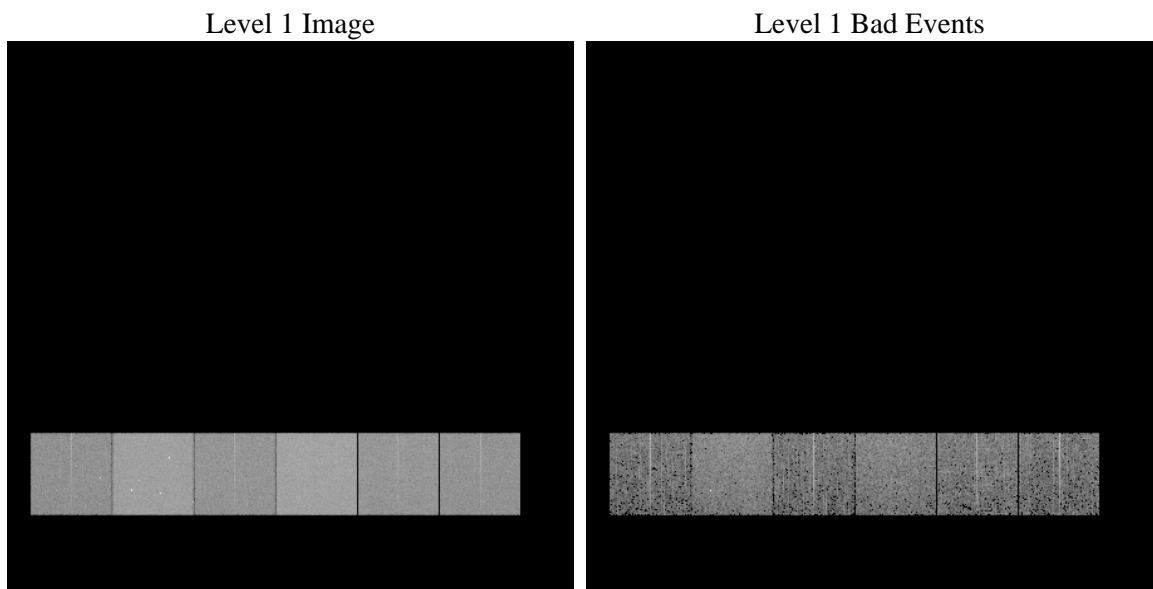
1 Front

seq_num	 	Sequence number
obs_id	60303	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	186.97662530577	Nominal RA [deg]
dec_nom	12.38274708471	Nominal Dec [deg]
roll_nom	184.26597695143	Nominal Roll [deg]
revision	3	Processing version of data
ontime	4389.5476427972	Sum of GTIs [s]
livetime	4333.9645474759	Livetime [s]
ontime4	2434.010958463	Sum of GTIs [s]
ontime5	4389.5066027939	Sum of GTIs [s]
ontime6	2687.9511947334	Sum of GTIs [s]
ontime7	4389.5476427972	Sum of GTIs [s]
ontime8	2758.1095627248	Sum of GTIs [s]
ontime9	2618.7475500107	Sum of GTIs [s]
l2events	633638	Number of level 2 events

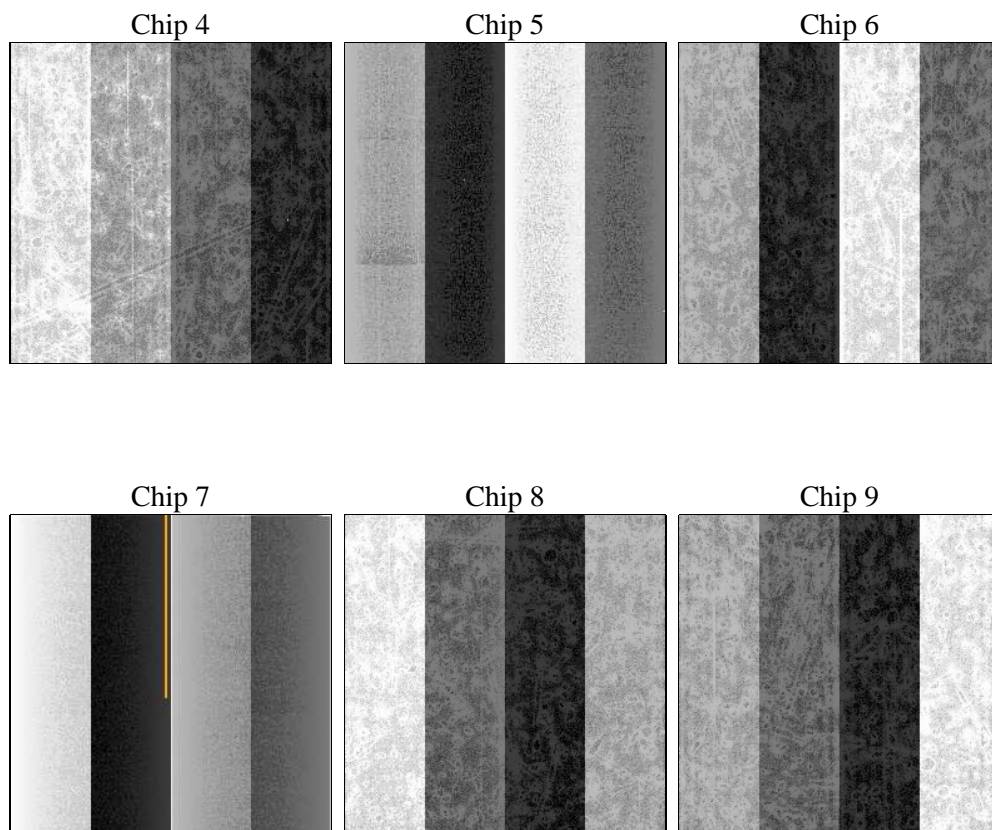
2 OBI

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	4389.5476427972	Sum of GTIs [s]
caldsver	4.5.2	 	ontime4	2434.010958463	Sum of GTIs [s]
date	2012-11-14T03:30:50	Date and time of file creation	ontime5	4389.5066027939	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	2687.9511947334	Sum of GTIs [s]
			ontime7	4389.5476427972	Sum of GTIs [s]
			ontime8	2758.1095627248	Sum of GTIs [s]
			ontime9	2618.7475500107	Sum of GTIs [s]
			l1events	808192	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	100713	173437	115710	186142	122970	109220	grade 0 events	46732	33067	51369	39708	54136	48670
rejected events	19410	30835	20245	25911	22464	19663		46%	19%	44%	21%	44%	44%
rejected %	19%	17%	17%	13%	18%	18%	grade 1 events	364	147	273	113	325	312
								0%	0%	0%	0%	0%	0%
							grade 2 events	12904	51077	16424	35212	17341	15396
								12%	29%	14%	18%	14%	14%
							grade 3 events	5464	8382	5912	15843	6395	5732
								5%	4%	5%	8%	5%	5%
							grade 4 events	5304	8488	5930	15877	6468	5636
								5%	4%	5%	8%	5%	5%
							grade 5 events	1118	4869	1328	4780	1593	1387
								1%	2%	1%	2%	1%	1%
							grade 6 events	10899	41709	15966	53707	16166	14123
								10%	24%	13%	28%	13%	12%
							grade 7 events	17928	25698	18508	20902	20546	17964
								17%	14%	15%	11%	16%	16%

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	186.9766253057695	Alternating exposures requested	N	N
[deg] Pointing Dec	0	12.38274708470976	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	184.2659769514346			
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	196928248.819006	196928247.79399			
Observation start date	2004-03-29T06:17:29	2004-03-29T06:17:27			
[s] Observation end time (MET)	196934946.169301	196934945.14428			
Observation end date	2004-03-29T08:09:06	2004-03-29T08:09:05			
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)	2012.12.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.3895476427972

A.2 Comments