

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61336 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 1 2012

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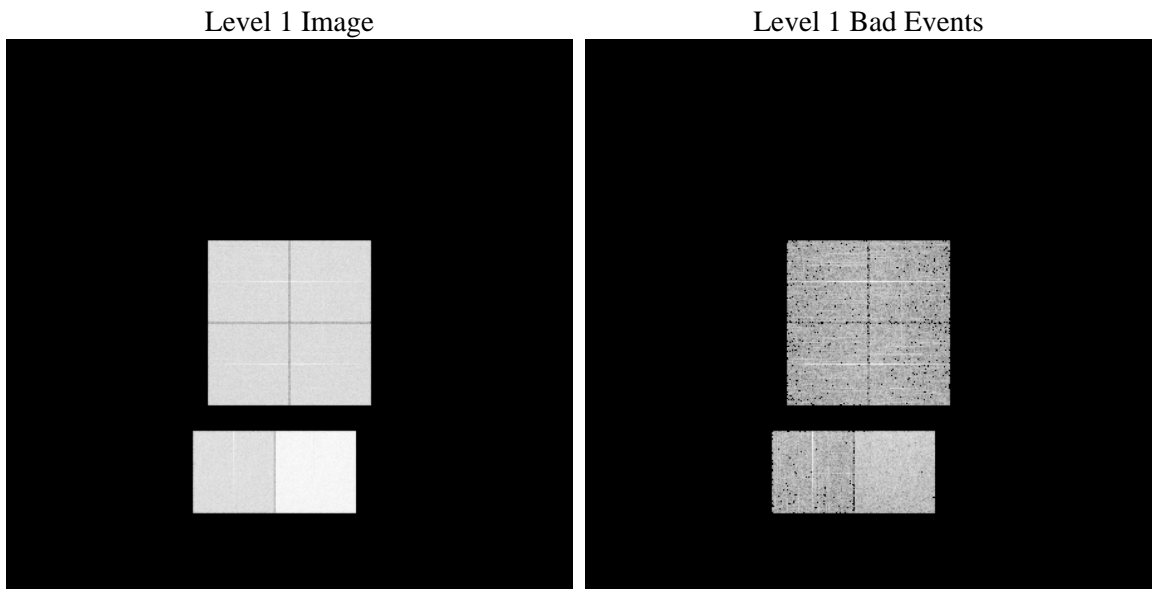
1 Front

seq_num	 	Sequence number
obs_id	61336	Observation id
title	ACIS-012367 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	350.03692829045	Nominal RA [deg]
dec_nom	39.995570229936	Nominal Dec [deg]
roll_nom	318.28719043915	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8296.1408060193	Sum of GTIs [s]
livetime	8191.0900757972	Livetime [s]
ontime0	3282.397119835	Sum of GTIs [s]
ontime1	3360.2228404433	Sum of GTIs [s]
ontime2	3110.705136627	Sum of GTIs [s]
ontime3	3178.602338016	Sum of GTIs [s]
ontime6	3436.1433935761	Sum of GTIs [s]
ontime7	8296.1408060193	Sum of GTIs [s]
l2events	1314098	Number of level 2 events

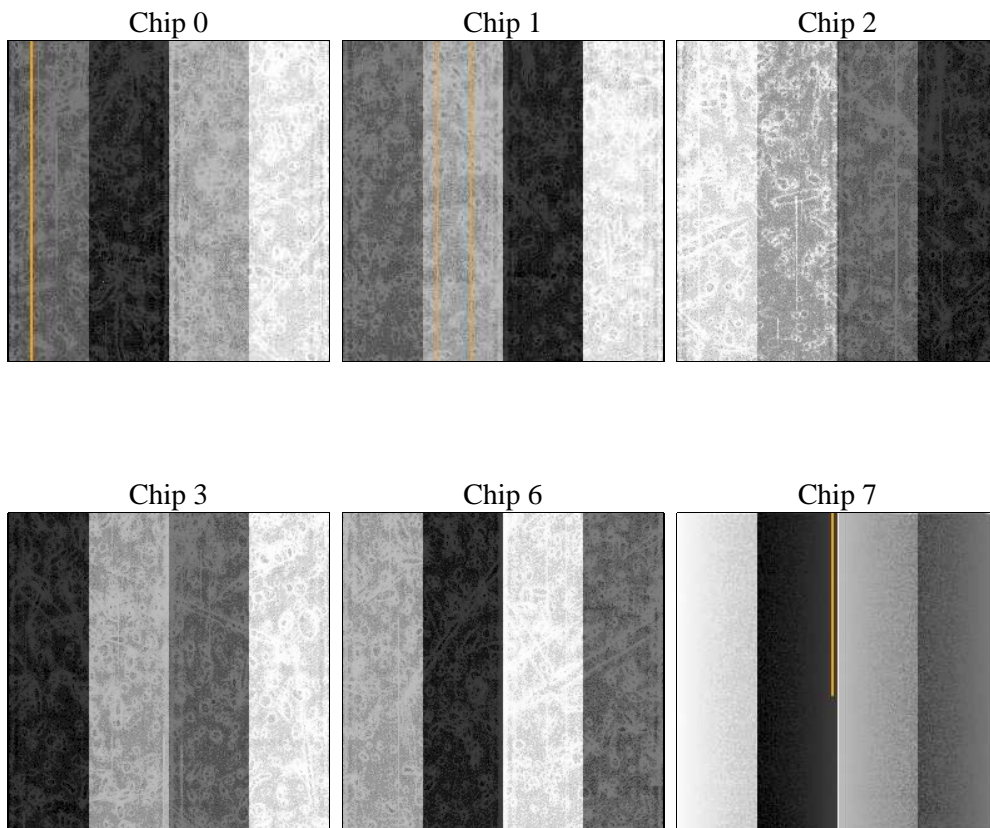
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	8296.1408060193	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	3282.397119835	Sum of GTIs [s]
date	2012-10-01T09:35:52	Date and time of file creation	ontime1	3360.2228404433	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	3110.705136627	Sum of GTIs [s]
			ontime3	3178.602338016	Sum of GTIs [s]
			ontime6	3436.1433935761	Sum of GTIs [s]
			ontime7	8296.1408060193	Sum of GTIs [s]
			l1events	1535249	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	200950	205572	193843	199283	222404	513197	grade 0 events	97512	100449	94526	97400	107148	118472
rejected events	23925	23381	23647	24711	26317	43980		48%	48%	48%	48%	48%	23%
rejected %	11%	11%	12%	12%	11%	8%	grade 1 events	494	495	489	531	554	283
								0%	0%	0%	0%	0%	0%
							grade 2 events	31129	32151	29916	30792	33964	104167
								15%	15%	15%	15%	15%	20%
							grade 3 events	11412	11528	10657	11195	12266	47821
								5%	5%	5%	5%	5%	9%
							grade 4 events	11206	11501	10694	11039	11973	47235
								5%	5%	5%	5%	5%	9%
							grade 5 events	1723	1641	1530	1668	1891	9108
								0%	0%	0%	0%	0%	1%
							grade 6 events	25766	26562	24403	24146	30925	151522
								12%	12%	12%	12%	13%	29%
							grade 7 events	21708	21245	21628	22512	23683	34589
								10%	10%	11%	11%	10%	6%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	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	350.036928290445	Alternating exposures requested	N	N
[deg] Pointing Dec	0	39.99557022993562	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	318.2871904391484			
[mm] SIM focus pos	-0.782348	-1.428180813131781			
[mm] SIM defocus	0	0.1051558262725154			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	128419027.131	128419026.36238			
Observation start date	2002-01-26T07:57:07	2002-01-26T07:57:06			
[s] Observation end time (MET)	128441175.332	128441174.56328			
Observation end date	2002-01-26T14:06:15	2002-01-26T14:06:14			
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)	2012.10.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2961408060193

A.2 Comments