

V&V Reference Report

L2 ASCDS Version : 8.5

Observation 60022 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 9 2012

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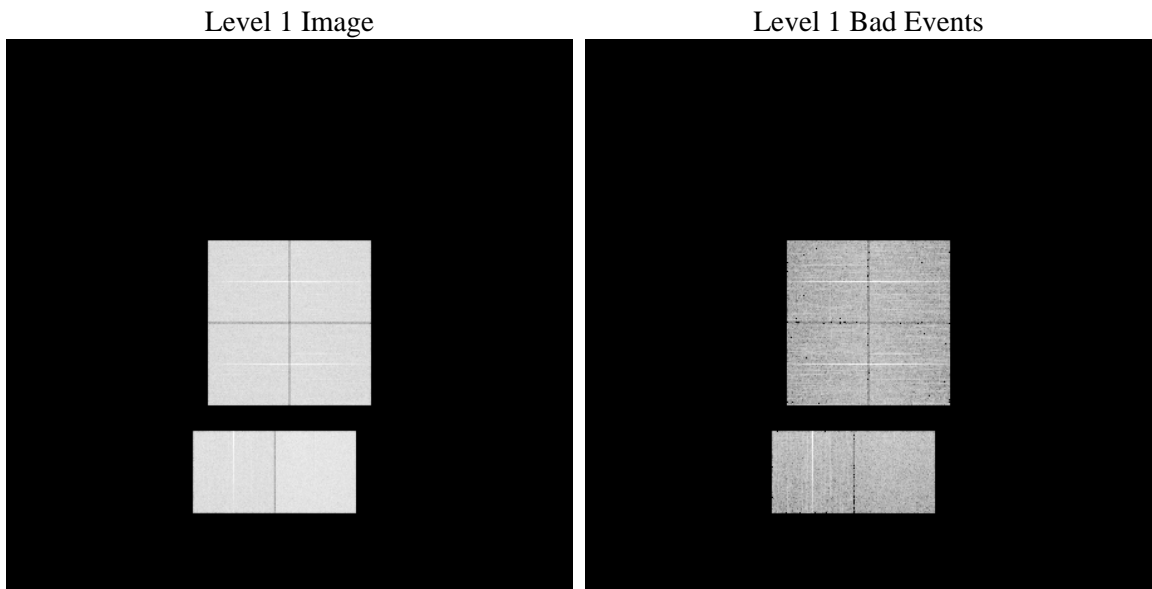
1 Front

seq_num	 	Sequence number
obs_id	60022	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	12.015310846509	Nominal RA [deg]
dec_nom	-6.9757645530079	Nominal Dec [deg]
roll_nom	25.07470947935	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8280.6916306317	Sum of GTIs [s]
livetime	8175.8365271707	Livetime [s]
ontime0	6634.2367027402	Sum of GTIs [s]
ontime1	6802.8850370049	Sum of GTIs [s]
ontime2	6365.1532411277	Sum of GTIs [s]
ontime3	6488.4742920995	Sum of GTIs [s]
ontime6	7100.8136147857	Sum of GTIs [s]
ontime7	8280.6916306317	Sum of GTIs [s]
l2events	1145266	Number of level 2 events

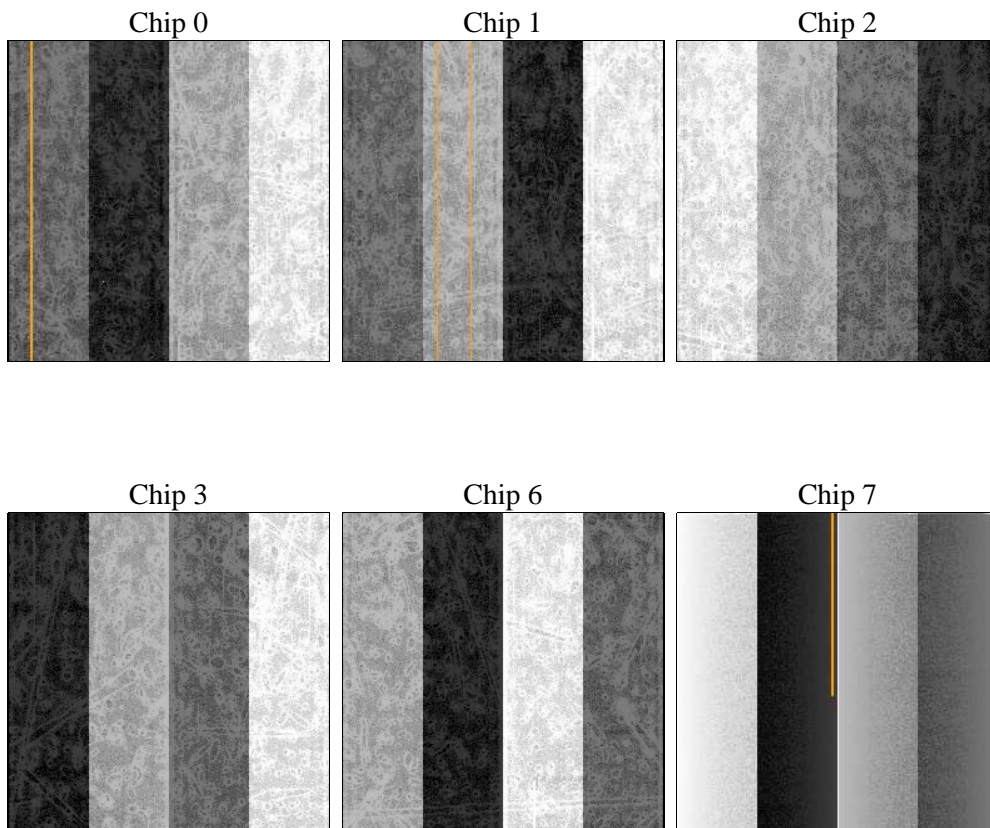
2 OBI

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	8.5	Processing system revision	ontime	8280.6916306317	Sum of GTIs [s]
caldsver	4.5.4	 	ontime0	6634.2367027402	Sum of GTIs [s]
date	2012-12-09T17:56:53	Date and time of file creation	ontime1	6802.8850370049	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	6365.1532411277	Sum of GTIs [s]
			ontime3	6488.4742920995	Sum of GTIs [s]
			ontime6	7100.8136147857	Sum of GTIs [s]
			ontime7	8280.6916306317	Sum of GTIs [s]
			l1events	1498622	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	231311	238696	227115	232896	260695	307909	grade 0 events	102077	103709	99975	102633	112619	61006
rejected events	46418	48236	47725	49586	52819	51472		44%	43%	44%	44%	43%	19%
rejected %	20%	20%	21%	21%	20%	16%	grade 1 events	634	558	660	708	589	187
								0%	0%	0%	0%	0%	0%
							grade 2 events	32091	34096	30425	31217	35832	56281
								13%	14%	13%	13%	13%	18%
							grade 3 events	12103	12179	11916	11955	12996	25583
								5%	5%	5%	5%	4%	8%
							grade 4 events	11913	12063	11626	12035	12942	25100
								5%	5%	5%	5%	4%	8%
							grade 5 events	2955	3205	2745	3122	3476	9324
								1%	1%	1%	1%	1%	3%
							grade 6 events	26709	28413	25448	25470	33487	88467
								11%	11%	11%	10%	12%	28%
							grade 7 events	42829	44473	44320	45756	48754	41961
								18%	18%	19%	19%	18%	13%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	12.01531084650901
[deg] Pointing Dec	0	-6.975764553007913
[deg] Pointing Roll	0.0	25.07470947935017
[mm] SIM focus pos	-0.782348	-0.6828225247311905
[mm] SIM defocus	0	0.8505141146731063
[mm] SIM translation stage pos	-233.592463	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	212958976.87955	212958975.85452
Observation start date	2004-09-30T19:16:17	2004-09-30T19:16:15
[s] Observation end time (MET)	212981838.480574	212981837.45554
Observation end date	2004-10-01T01:37:18	2004-10-01T01:37:17
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2013.01.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2806916306317

A.2 Comments