

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 62021 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Aug 29 2012

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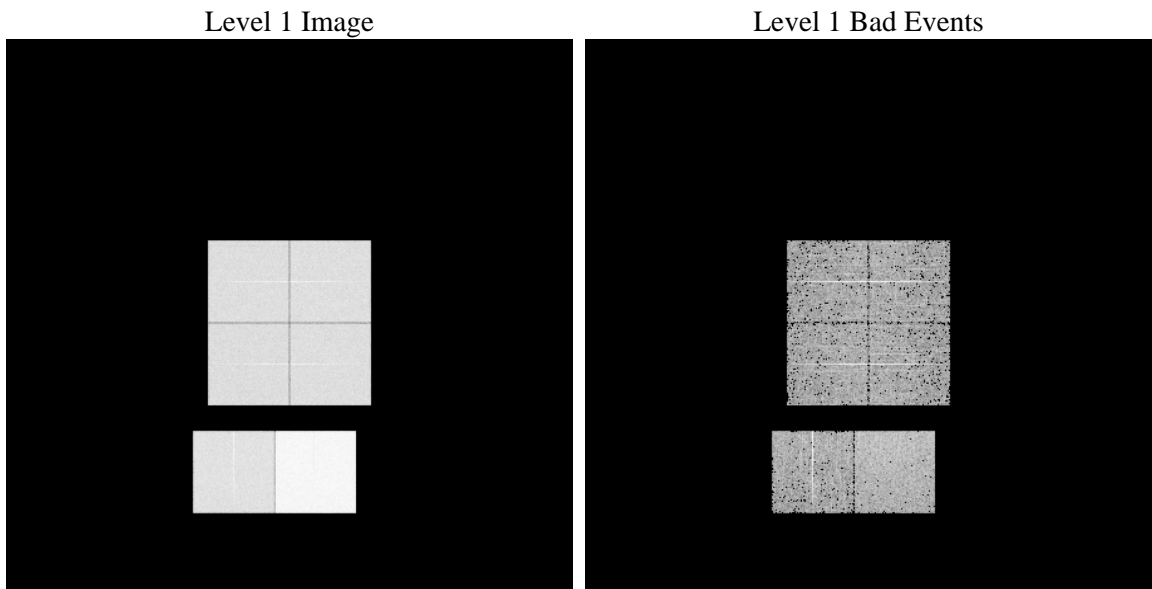
1 Front

seq_num	 	Sequence number
obs_id	62021	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	274.12575848978	Nominal RA [deg]
dec_nom	72.127350346819	Nominal Dec [deg]
roll_nom	173.73728885886	Nominal Roll [deg]
revision	5	Processing version of data
ontime	5412.3008280843	Sum of GTIs [s]
livetime	5343.7670161028	Livetime [s]
ontime0	2278.2113376707	Sum of GTIs [s]
ontime1	2317.3417391926	Sum of GTIs [s]
ontime2	2158.5311087221	Sum of GTIs [s]
ontime3	2223.1956181377	Sum of GTIs [s]
ontime6	2450.2244786024	Sum of GTIs [s]
ontime7	5412.3008280843	Sum of GTIs [s]
l2events	1342034	Number of level 2 events

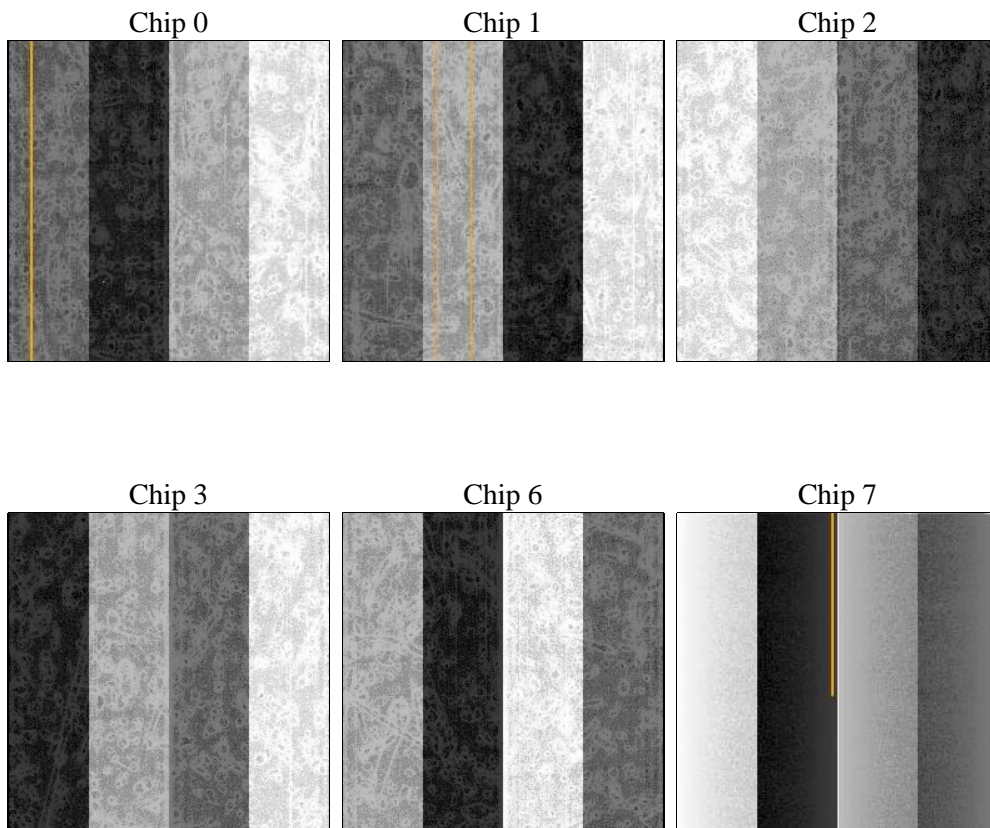
2 OBI

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	5412.3008280843	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime0	2278.2113376707	Sum of GTIs [s]
date	2012-08-29T09:21:21	Date and time of file creation	ontime1	2317.3417391926	Sum of GTIs [s]
revision	5	Processing version of data	ontime2	2158.5311087221	Sum of GTIs [s]
			ontime3	2223.1956181377	Sum of GTIs [s]
			ontime6	2450.2244786024	Sum of GTIs [s]
			ontime7	5412.3008280843	Sum of GTIs [s]
			l1events	1521726	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	202926	207531	196539	202554	230463	481713	grade 0 events	101911	104223	98894	102833	114644	117082
rejected events	18564	19206	19147	18964	20784	27656		50%	50%	50%	50%	49%	24%
rejected %	9%	9%	9%	9%	9%	5%	grade 1 events	574	577	542	584	620	356
								0%	0%	0%	0%	0%	0%
							grade 2 events	32242	32806	31211	31963	36270	101436
								15%	15%	15%	15%	15%	21%
							grade 3 events	11767	11973	11169	11632	13025	46427
								5%	5%	5%	5%	5%	9%
							grade 4 events	11648	11847	11002	11651	12963	46095
								5%	5%	5%	5%	5%	9%
							grade 5 events	1401	1429	1419	1384	1683	6432
								0%	0%	0%	0%	0%	1%
							grade 6 events	26794	27476	25116	25511	32777	143017
								13%	13%	12%	12%	14%	29%
							grade 7 events	16589	17200	17186	16996	18481	20868
								8%	8%	8%	8%	8%	4%

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	274.12575848978
[deg] Pointing Dec	0	72.12735034681886
[deg] Pointing Roll	0.0	173.7372888588606
[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)	77712029.168	77712028.399758
Observation start date	2000-06-18T10:40:29	2000-06-18T10:40:28
[s] Observation end time (MET)	77722539.51899999	77722538.750145
Observation end date	2000-06-18T13:35:40	2000-06-18T13:35:38
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	0.000000	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.08.31
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.4123008280843

A.2 Comments