

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 62079 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Aug 25 2012

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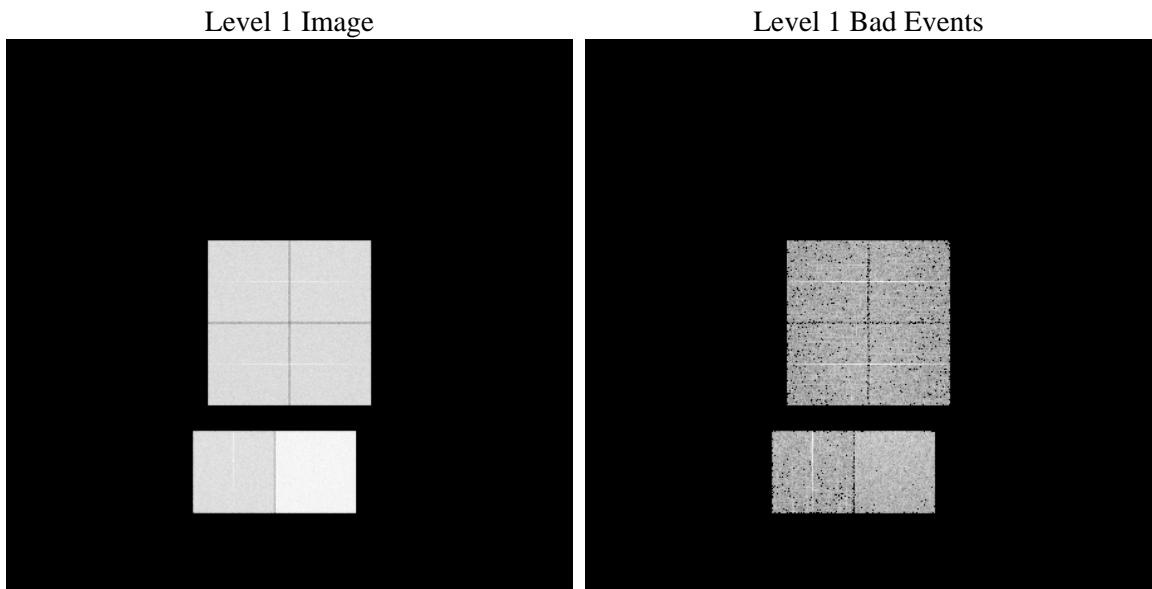
1 Front

seq_num	 	Sequence number
obs_id	62079	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	63.046521427708	Nominal RA [deg]
dec_nom	52.993186207188	Nominal Dec [deg]
roll_nom	314.06620054639	Nominal Roll [deg]
revision	5	Processing version of data
ontime	5476.2814173996	Sum of GTIs [s]
livetime	5406.9374446717	Livetime [s]
ontime0	2261.340357393	Sum of GTIs [s]
ontime1	2293.6981556565	Sum of GTIs [s]
ontime2	2141.410395816	Sum of GTIs [s]
ontime3	2183.3796958774	Sum of GTIs [s]
ontime6	2397.4935054034	Sum of GTIs [s]
ontime7	5476.2814173996	Sum of GTIs [s]
l2events	1387659	Number of level 2 events

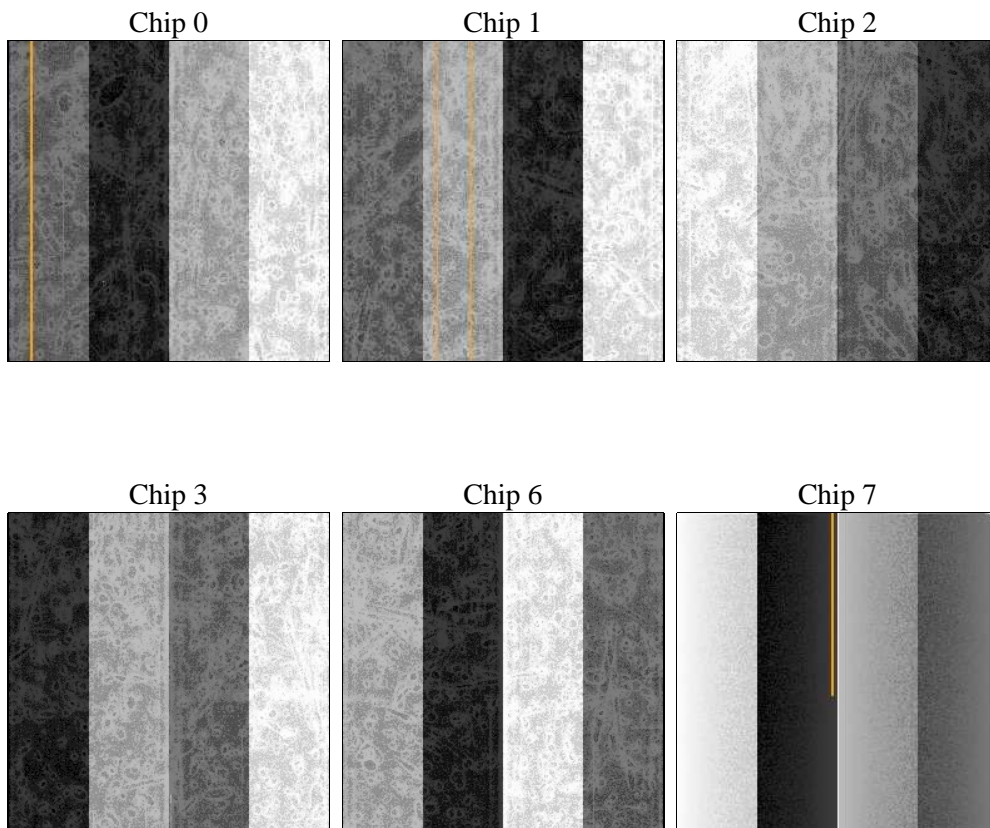
2 OBI

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	5476.2814173996	Sum of GTIs [s]
caldbver	4.5.1.1	 	ontime0	2261.340357393	Sum of GTIs [s]
date	2012-08-25T22:17:10	Date and time of file creation	ontime1	2293.6981556565	Sum of GTIs [s]
revision	5	Processing version of data	ontime2	2141.410395816	Sum of GTIs [s]
			ontime3	2183.3796958774	Sum of GTIs [s]
			ontime6	2397.4935054034	Sum of GTIs [s]
			ontime7	5476.2814173996	Sum of GTIs [s]
			l1events	1581820	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	209877	213965	204080	207830	235422	510646	grade 0 events	104734	107236	101666	104318	116260	123447
rejected events	20422	20266	21495	21648	22377	30436		49%	50%	49%	50%	49%	24%
rejected %	9%	9%	10%	10%	9%	5%	grade 1 events	635	669	610	639	624	337
								0%	0%	0%	0%	0%	0%
							grade 2 events	33196	33653	31800	32447	37062	105877
								15%	15%	15%	15%	15%	20%
							grade 3 events	12160	12410	11602	11821	12866	49602
								5%	5%	5%	5%	5%	9%
							grade 4 events	11917	12402	11486	11860	13052	48971
								5%	5%	5%	5%	5%	9%
							grade 5 events	1537	1619	1509	1461	1825	6928
								0%	0%	0%	0%	0%	1%
							grade 6 events	27695	27998	26031	25736	33805	152313
								13%	13%	12%	12%	14%	29%
							grade 7 events	18003	17978	19376	19548	19928	23171
								8%	8%	9%	9%	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	63.04652142770802
[deg] Pointing Dec	0	52.99318620718779
[deg] Pointing Roll	0.0	314.0662005463887
[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)	72682056.73333099	72682055.964864
Observation start date	2000-04-21T05:27:37	2000-04-21T05:27:35
[s] Observation end time (MET)	72692257.533705	72692256.765238
Observation end date	2000-04-21T08:17:38	2000-04-21T08:17:36
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	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.08.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.4762814173996

A.2 Comments