

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61561 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 20 2012

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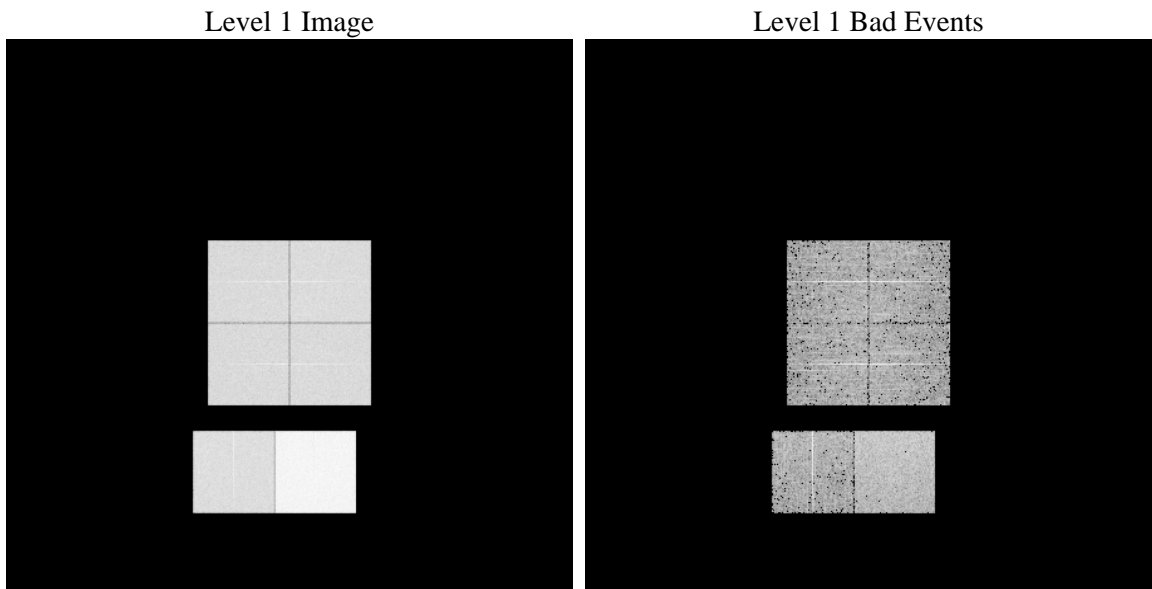
1 Front

seq_num	 	Sequence number
obs_id	61561	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	323.99159993501	Nominal RA [deg]
dec_nom	-45.971935645505	Nominal Dec [deg]
roll_nom	68.998857810784	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7314.5834479183	Sum of GTIs [s]
livetime	7221.9617879874	Livetime [s]
ontime0	2893.9223242998	Sum of GTIs [s]
ontime1	3015.0509367436	Sum of GTIs [s]
ontime2	2774.0859444439	Sum of GTIs [s]
ontime3	2822.5375836492	Sum of GTIs [s]
ontime6	3089.5945075005	Sum of GTIs [s]
ontime7	7314.5834479183	Sum of GTIs [s]
l2events	1341558	Number of level 2 events

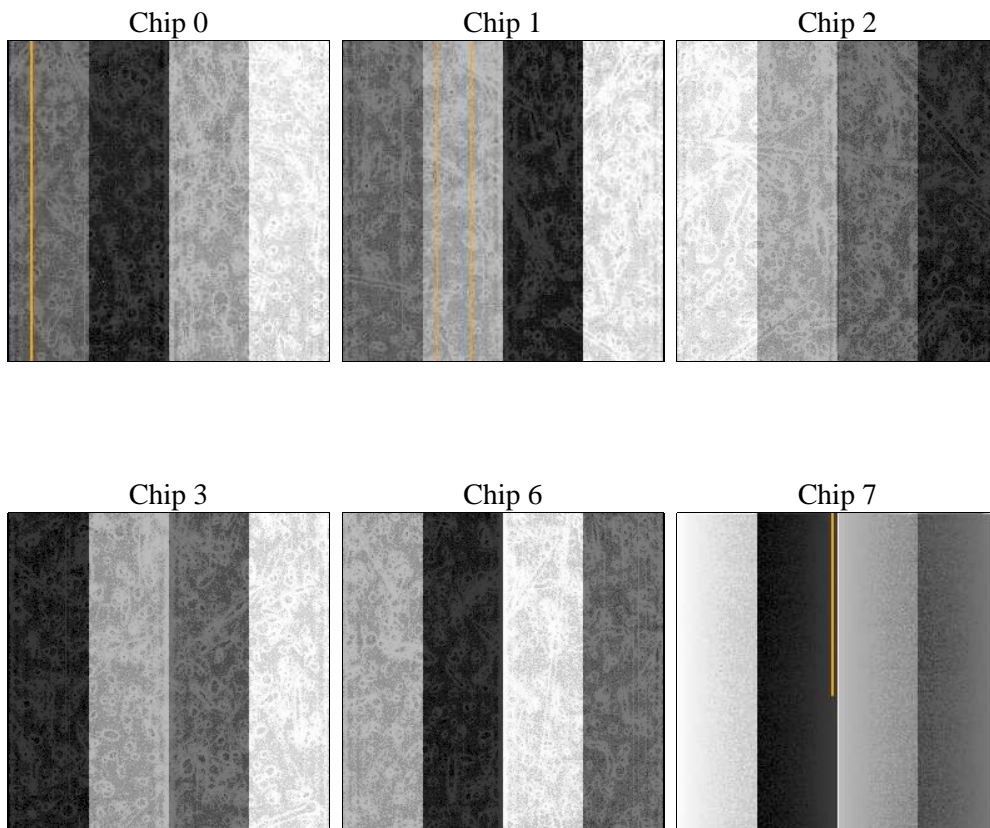
2 OBI

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	7314.5834479183	Sum of GTIs [s]
caldbver	4.5.1.1	 	ontime0	2893.9223242998	Sum of GTIs [s]
date	2012-09-20T18:46:49	Date and time of file creation	ontime1	3015.0509367436	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	2774.0859444439	Sum of GTIs [s]
			ontime3	2822.5375836492	Sum of GTIs [s]
			ontime6	3089.5945075005	Sum of GTIs [s]
			ontime7	7314.5834479183	Sum of GTIs [s]
			l1events	1548123	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	202057	210506	197365	200621	226132	511442	grade 0 events	99201	104181	97275	99653	110434	120867
rejected events	22084	22136	22282	22074	23815	38440		49%	49%	49%	49%	48%	23%
rejected %	10%	10%	11%	11%	10%	7%	grade 1 events	544	534	492	518	544	341
								0%	0%	0%	0%	0%	0%
							grade 2 events	31743	33056	30614	31481	34790	104341
								15%	15%	15%	15%	15%	20%
							grade 3 events	11484	12138	11024	11192	12557	48348
								5%	5%	5%	5%	5%	9%
							grade 4 events	11416	11785	11111	11374	12725	47901
								5%	5%	5%	5%	5%	9%
							grade 5 events	1573	1649	1473	1637	1798	8043
								0%	0%	0%	0%	0%	1%
							grade 6 events	26129	27401	25059	24847	32004	151545
								12%	13%	12%	12%	14%	29%
							grade 7 events	19967	19762	20317	19919	21280	30056
								9%	9%	10%	9%	9%	5%

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	323.991599935007	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-45.97193564550454	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	68.99885781078382			
[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)	110598726.973011	110598726.20456			
Observation start date	2001-07-04T01:52:07	2001-07-04T01:52:06			
[s] Observation end time (MET)	110620938.723878	110620937.95543			
Observation end date	2001-07-04T08:02:19	2001-07-04T08:02:17			
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)	2012.09.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.3145834479183

A.2 Comments