

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61440 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 25 2012

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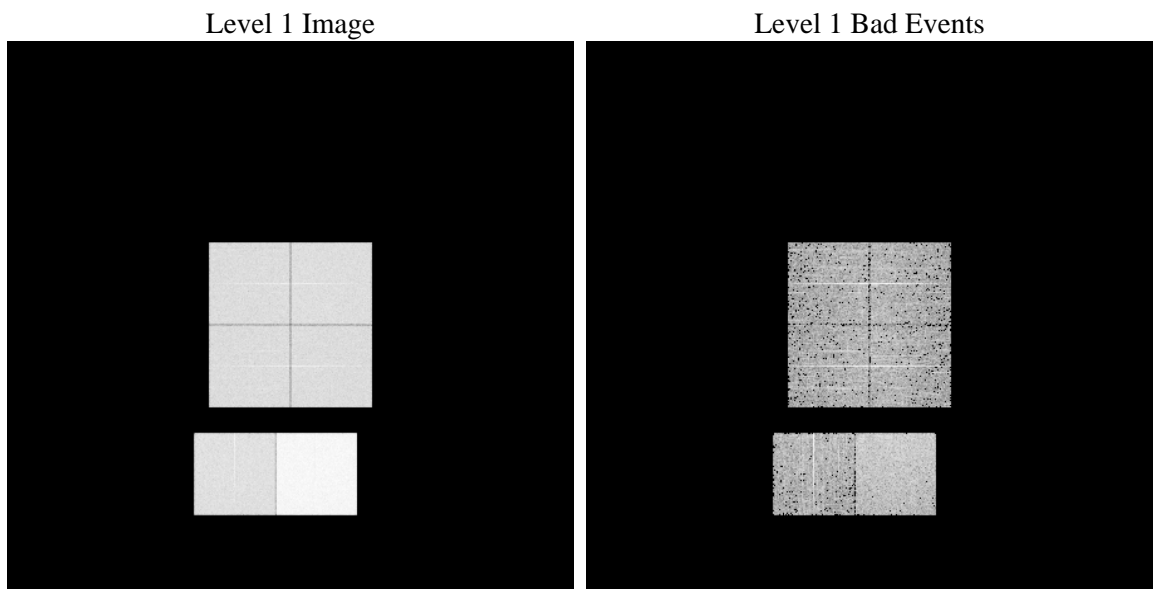
1 Front

seq_num	 	Sequence number
obs_id	61440	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	307.02672327527	Nominal RA [deg]
dec_nom	-35.018501783219	Nominal Dec [deg]
roll_nom	286.96766870064	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7125.6422911435	Sum of GTIs [s]
livetime	7035.4131179064	Livetime [s]
ontime0	2832.6655238122	Sum of GTIs [s]
ontime1	2965.5474657267	Sum of GTIs [s]
ontime2	2767.8451425284	Sum of GTIs [s]
ontime3	2754.8807832301	Sum of GTIs [s]
ontime6	3075.7417089641	Sum of GTIs [s]
ontime7	7125.6422911435	Sum of GTIs [s]
l2events	1234570	Number of level 2 events

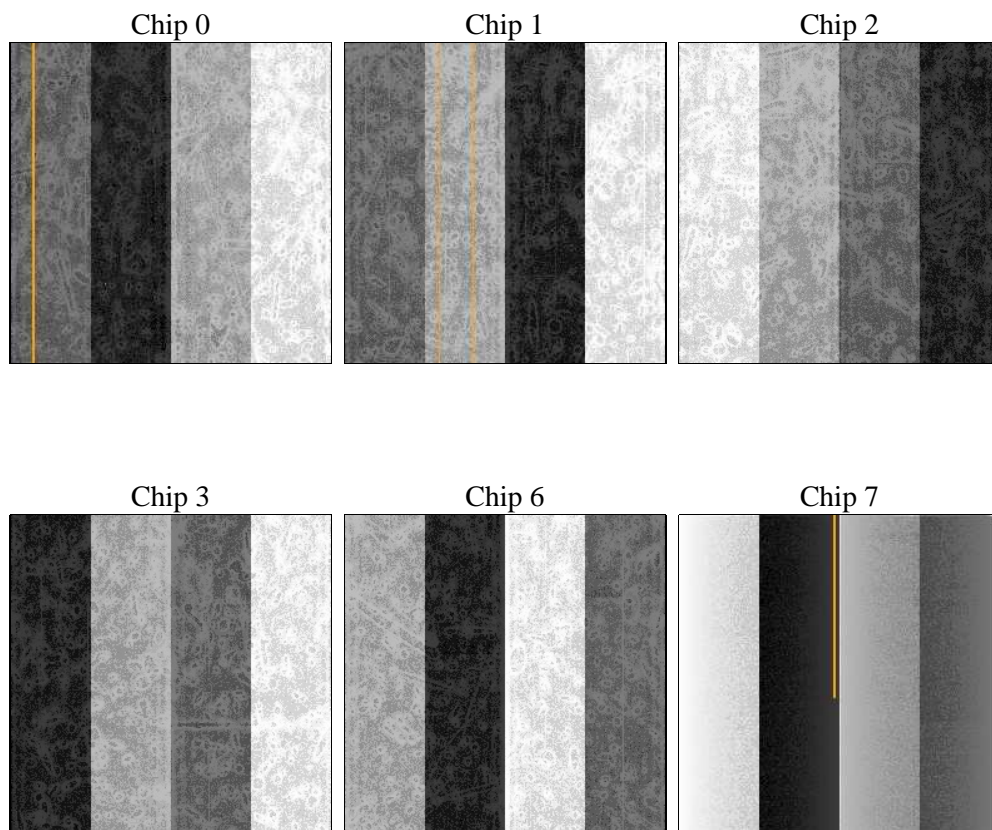
2 OBI

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	7125.6422911435	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime0	2832.6655238122	Sum of GTIs [s]
date	2012-09-25T08:56:12	Date and time of file creation	ontime1	2965.5474657267	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	2767.8451425284	Sum of GTIs [s]
			ontime3	2754.8807832301	Sum of GTIs [s]
			ontime6	3075.7417089641	Sum of GTIs [s]
			ontime7	7125.6422911435	Sum of GTIs [s]
			l1events	1423237	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	184861	193777	183502	184139	210987	465971	grade 0 events	91616	96202	91017	91399	103217	110427
rejected events	19456	19707	19970	20591	21930	34786		49%	49%	49%	49%	48%	23%
rejected %	10%	10%	10%	11%	10%	7%	grade 1 events	429	467	433	446	508	294
								0%	0%	0%	0%	0%	0%
							grade 2 events	29239	30588	28786	28647	32772	95694
								15%	15%	15%	15%	15%	20%
							grade 3 events	10497	11080	10435	10310	11532	44222
								5%	5%	5%	5%	5%	9%
							grade 4 events	10336	11162	10256	10406	11801	43881
								5%	5%	5%	5%	5%	9%
							grade 5 events	1489	1570	1415	1473	1638	7435
								0%	0%	0%	0%	0%	1%
							grade 6 events	23717	25038	23038	22786	29735	136961
								12%	12%	12%	12%	14%	29%
							grade 7 events	17538	17670	18122	18672	19784	27057
								9%	9%	9%	10%	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	307.0267232752749	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-35.01850178321932	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	286.9676687006441			
[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)	119473818.973	119473818.2045			
Observation start date	2001-10-14T19:10:19	2001-10-14T19:10:18			
[s] Observation end time (MET)	119485684.373	119485683.60498			
Observation end date	2001-10-14T22:28:04	2001-10-14T22:28:03			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.09.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.1256422911435

A.2 Comments