

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 62041 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Aug 28 2012

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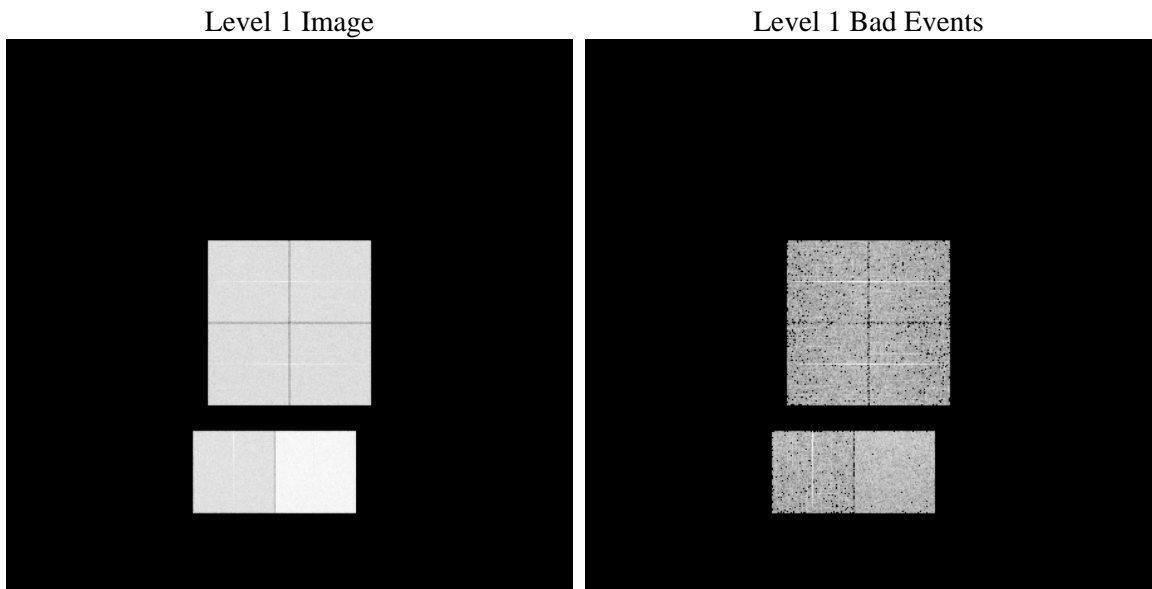
1 Front

seq_num	 	Sequence number
obs_id	62041	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	37.538412778471	Nominal RA [deg]
dec_nom	-66.342169183605	Nominal Dec [deg]
roll_nom	151.90245205217	Nominal Roll [deg]
revision	5	Processing version of data
ontime	5334.715521872	Sum of GTIs [s]
livetime	5267.1641417541	Livetime [s]
ontime0	2265.485358417	Sum of GTIs [s]
ontime1	2307.6186090261	Sum of GTIs [s]
ontime2	2119.6385887414	Sum of GTIs [s]
ontime3	2158.5309888572	Sum of GTIs [s]
ontime6	2421.0549988449	Sum of GTIs [s]
ontime7	5334.715521872	Sum of GTIs [s]
l2events	1337096	Number of level 2 events

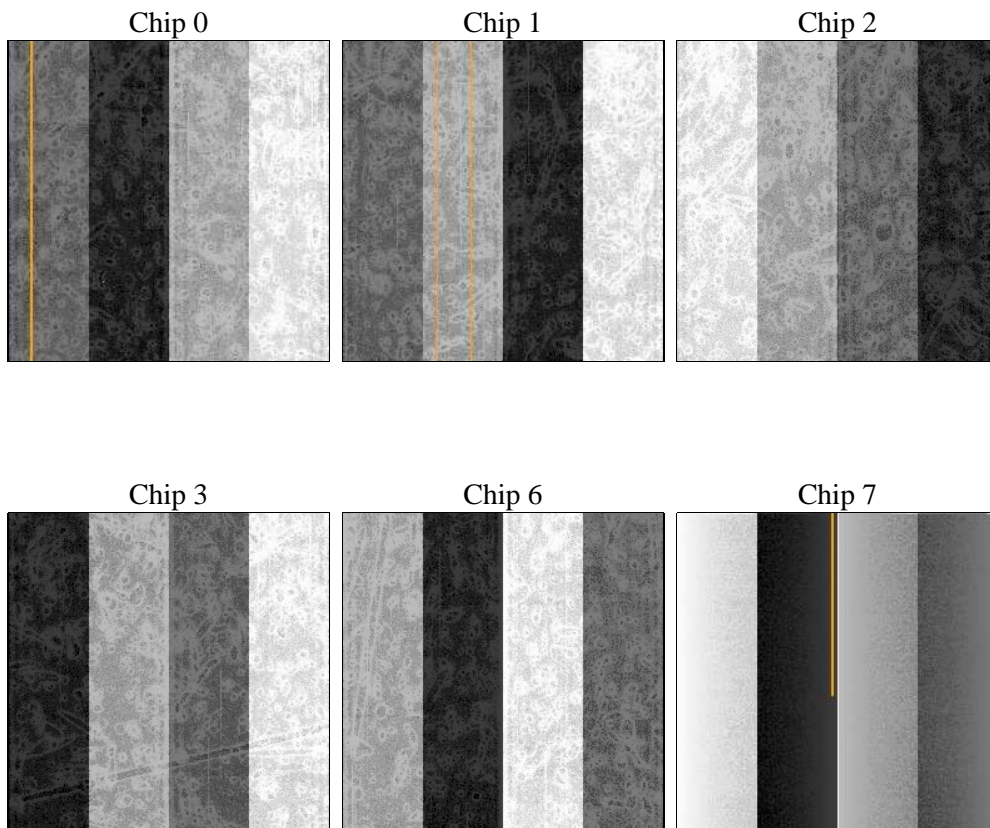
2 OBI

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	5334.715521872	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime0	2265.485358417	Sum of GTIs [s]
date	2012-08-28T09:50:27	Date and time of file creation	ontime1	2307.6186090261	Sum of GTIs [s]
revision	5	Processing version of data	ontime2	2119.6385887414	Sum of GTIs [s]
			ontime3	2158.5309888572	Sum of GTIs [s]
			ontime6	2421.0549988449	Sum of GTIs [s]
			ontime7	5334.715521872	Sum of GTIs [s]
			l1events	1522788	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	205636	209490	195482	198778	231141	482261	grade 0 events	102667	105169	98207	99978	114109	116935
rejected events	19783	19608	20019	20089	21559	28807		49%	50%	50%	50%	49%	24%
rejected %	9%	9%	10%	10%	9%	5%	grade 1 events	597	575	584	582	605	329
								0%	0%	0%	0%	0%	0%
							grade 2 events	33121	33204	30764	31586	36293	100351
								16%	15%	15%	15%	15%	20%
							grade 3 events	11883	12198	11197	11306	13011	46887
								5%	5%	5%	5%	5%	9%
							grade 4 events	11947	12287	11092	11334	13201	46260
								5%	5%	5%	5%	5%	9%
							grade 5 events	1437	1518	1360	1446	1696	6384
								0%	0%	0%	0%	0%	1%
							grade 6 events	27267	27842	24979	25049	33516	144393
								13%	13%	12%	12%	14%	29%
							grade 7 events	16717	16697	17299	17497	18710	20722
								8%	7%	8%	8%	8%	4%

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	37.53841277847091	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-66.34216918360465	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	151.9024520521659			
[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)	76110772.059	76110771.290793			
Observation start date	2000-05-30T21:52:52	2000-05-30T21:52:51			
[s] Observation end time (MET)	76121302.91	76121302.14117999			
Observation end date	2000-05-31T00:48:23	2000-05-31T00:48:22			
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)	2012.08.31
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.334715521872

A.2 Comments