

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61851 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 3 2012

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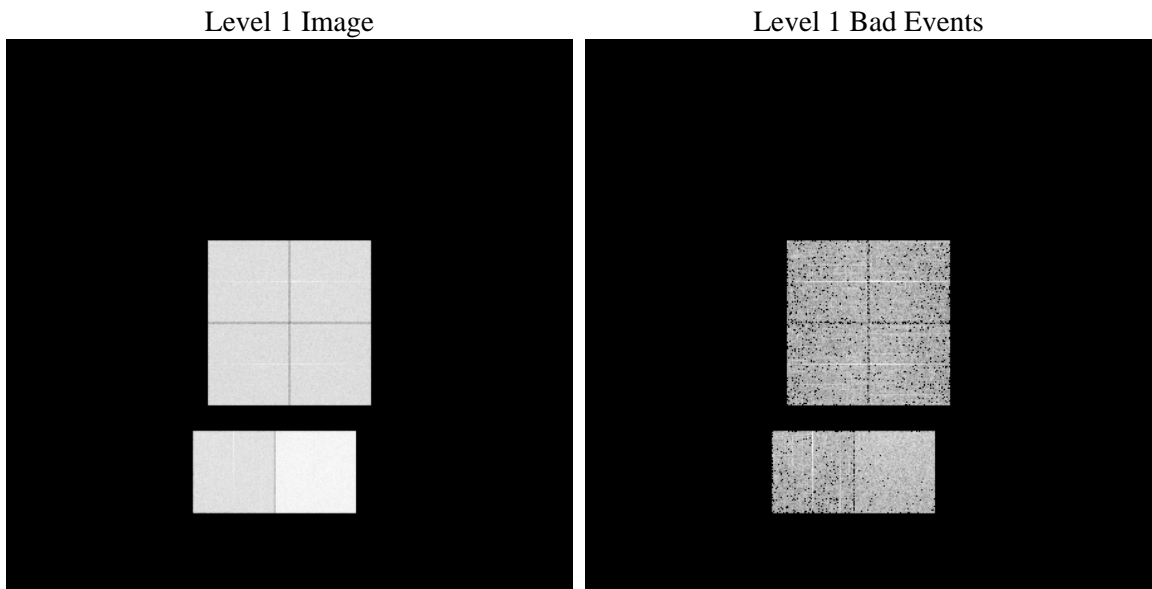
1 Front

seq_num	 	Sequence number
obs_id	61851	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	333.02500676022	Nominal RA [deg]
dec_nom	-22.016940873677	Nominal Dec [deg]
roll_nom	291.34929444248	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5502.8975102156	Sum of GTIs [s]
livetime	5433.2165084942	Livetime [s]
ontime0	2414.2055818439	Sum of GTIs [s]
ontime1	2443.7418806553	Sum of GTIs [s]
ontime2	2301.1363202333	Sum of GTIs [s]
ontime3	2327.0059343427	Sum of GTIs [s]
ontime6	2589.5884706825	Sum of GTIs [s]
ontime7	5502.8975102156	Sum of GTIs [s]
l2events	1260205	Number of level 2 events

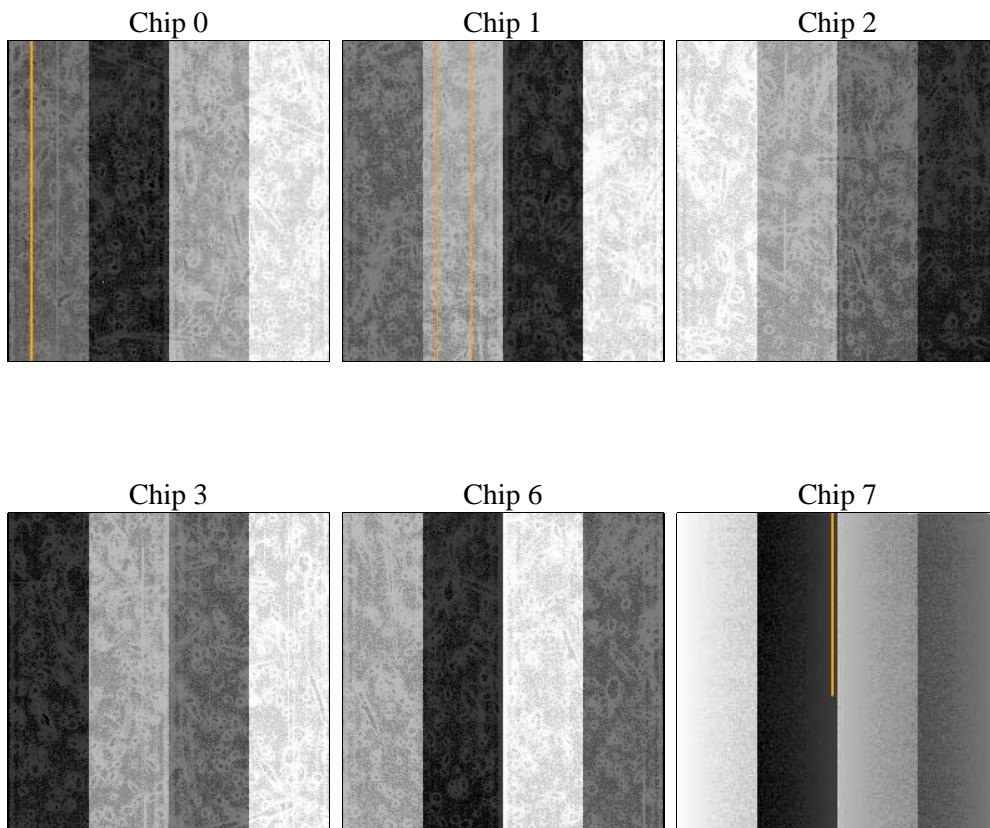
2 OBI

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	5502.8975102156	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime0	2414.2055818439	Sum of GTIs [s]
date	2012-09-03T19:52:40	Date and time of file creation	ontime1	2443.7418806553	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	2301.1363202333	Sum of GTIs [s]
			ontime3	2327.0059343427	Sum of GTIs [s]
			ontime6	2589.5884706825	Sum of GTIs [s]
			ontime7	5502.8975102156	Sum of GTIs [s]
			l1events	1429818	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	193614	197456	188008	190832	218832	441076	grade 0 events	97815	99655	95032	96659	109377	106358
rejected events	17311	17691	17568	18429	19071	26791		50%	50%	50%	50%	49%	24%
rejected %	8%	8%	9%	9%	8%	6%	grade 1 events	553	497	461	489	519	291
								0%	0%	0%	0%	0%	0%
							grade 2 events	30835	31444	29854	30269	34315	91664
								15%	15%	15%	15%	15%	20%
							grade 3 events	11247	11324	10853	10773	12387	42272
								5%	5%	5%	5%	5%	9%
							grade 4 events	11041	11364	10682	10802	12314	42039
								5%	5%	5%	5%	5%	9%
							grade 5 events	1326	1406	1278	1341	1537	6012
								0%	0%	0%	0%	0%	1%
							grade 6 events	25365	25978	24019	23900	31368	131952
								13%	13%	12%	12%	14%	29%
							grade 7 events	15432	15788	15829	16599	17015	20488
								7%	7%	8%	8%	7%	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	333.0250067602183	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-22.01694087367692	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	291.3492944424826			
[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)	90915786.513	90915785.74433			
Observation start date	2000-11-18T06:23:07	2000-11-18T06:23:05			
[s] Observation end time (MET)	90948141.664	90948140.895566			
Observation end date	2000-11-18T15:22:22	2000-11-18T15:22:20			
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)	2012.09.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.5028975102156

A.2 Comments