

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 58730 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 12 2012

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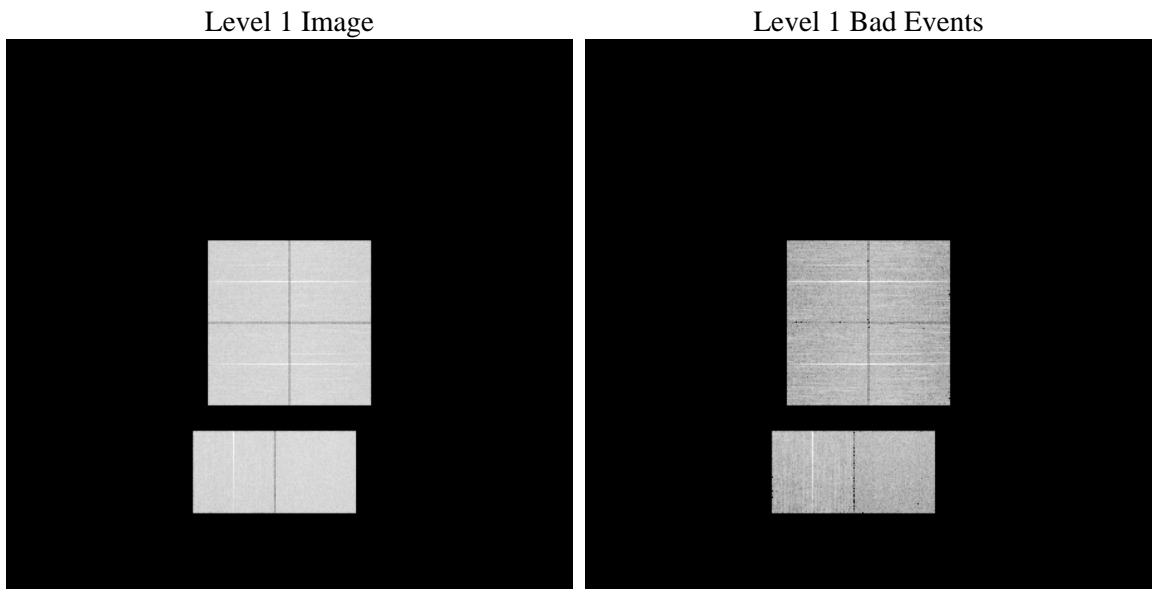
1 Front

seq_num	 	Sequence number
obs_id	58730	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	53.130334739331	Nominal RA [deg]
dec_nom	22.831428372985	Nominal Dec [deg]
roll_nom	110.56098127607	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8275.1999692321	Sum of GTIs [s]
livetime	8170.4144044945	Livetime [s]
ontime0	8275.1999692321	Sum of GTIs [s]
ontime1	8275.1999692321	Sum of GTIs [s]
ontime2	8275.1999692321	Sum of GTIs [s]
ontime3	8275.1999692321	Sum of GTIs [s]
ontime6	8275.1999692321	Sum of GTIs [s]
ontime7	8275.1999692321	Sum of GTIs [s]
l2events	882592	Number of level 2 events

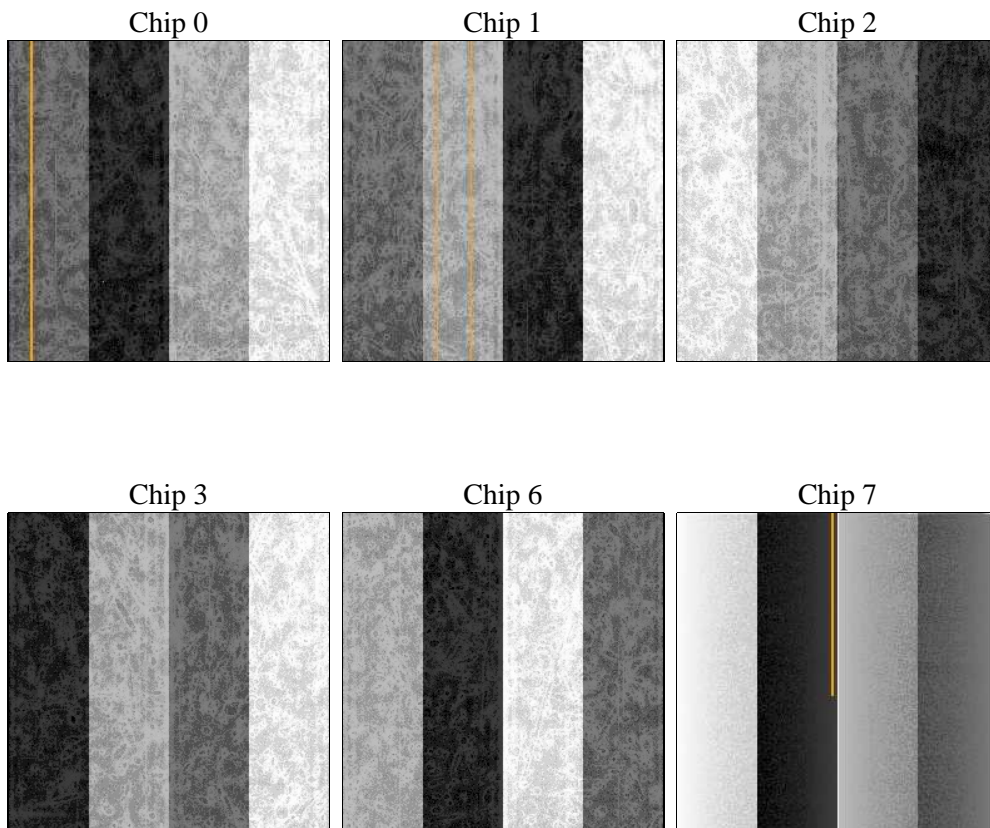
2 OBI

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	8.4.3.1	Processing system revision	ontime	8275.1999692321	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	8275.1999692321	Sum of GTIs [s]
date	2012-04-12T07:54:46	Date and time of file creation	ontime1	8275.1999692321	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8275.1999692321	Sum of GTIs [s]
			ontime3	8275.1999692321	Sum of GTIs [s]
			ontime6	8275.1999692321	Sum of GTIs [s]
			ontime7	8275.1999692321	Sum of GTIs [s]
			l1events	1349920	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	214786	218234	220790	225472	229484	241154	grade 0 events	80036	79184	82433	82883	82227	39635
rejected events	66844	69481	72181	75808	74713	61380		37%	36%	37%	36%	35%	16%
rejected %	31%	31%	32%	33%	32%	25%	grade 1 events	567	474	587	623	512	163
								0%	0%	0%	0%	0%	0%
							grade 2 events	26046	27438	24637	25487	27089	39155
								12%	12%	11%	11%	11%	16%
							grade 3 events	9607	9644	9758	9826	9738	17148
								4%	4%	4%	4%	4%	7%
							grade 4 events	9564	9477	9911	9813	9665	17049
								4%	4%	4%	4%	4%	7%
							grade 5 events	3872	4045	3596	4246	4209	10161
								1%	1%	1%	1%	1%	4%
							grade 6 events	22689	23010	21870	21655	26052	66787
								10%	10%	9%	9%	11%	27%
							grade 7 events	62405	64962	67998	70939	69992	51056
								29%	29%	30%	31%	30%	21%

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	53.13033473933088	Alternating exposures requested	N	N
[deg] Pointing Dec	0	22.8314283729854	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	110.5609812760675			
[mm] SIM focus pos	-0.782348	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	277848562.614518	277848561.58952			
Observation start date	2006-10-21T20:09:23	2006-10-21T20:09:21			
[s] Observation end time (MET)	277867266.8154	277867265.79041			
Observation end date	2006-10-22T01:21:07	2006-10-22T01:21:05			
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)	2012.04.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2751999692321

A.2 Comments