

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 54865 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Feb 11 2012

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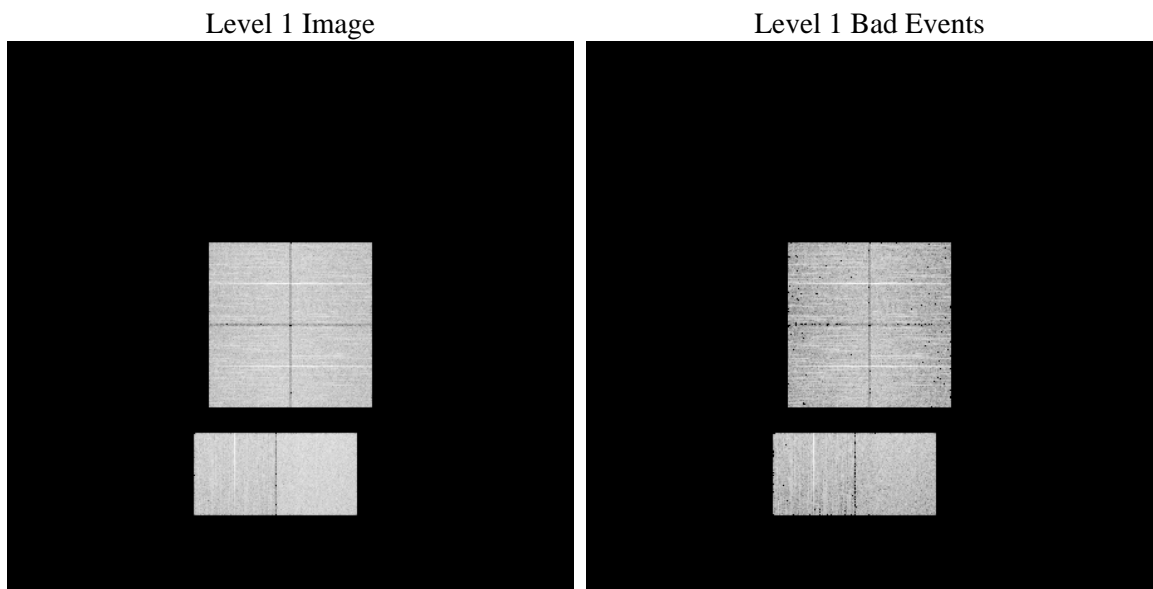
1 Front

seq_num	 	Sequence number
obs_id	54865	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	114.25296936483	Nominal RA [deg]
dec_nom	19.108020230976	Nominal Dec [deg]
roll_nom	265.24542345544	Nominal Roll [deg]
revision	1	Processing version of data
ontime	6472.1158649921	Sum of GTIs [s]
livetime	6390.1620368693	Livetime [s]
ontime0	6472.0748249888	Sum of GTIs [s]
ontime1	6472.0337849855	Sum of GTIs [s]
ontime2	6471.9927449822	Sum of GTIs [s]
ontime3	6472.1569049954	Sum of GTIs [s]
ontime6	6471.9517049789	Sum of GTIs [s]
ontime7	6472.1158649921	Sum of GTIs [s]
l2events	213643	Number of level 2 events

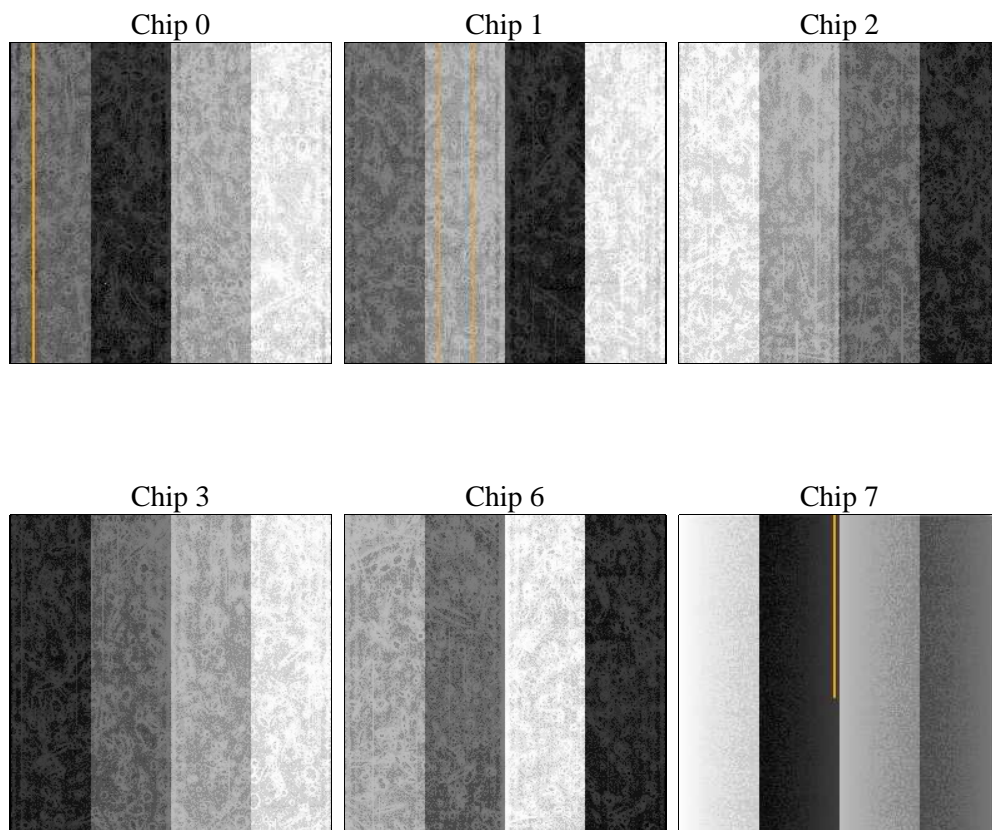
2 OBI

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	Processing system revision	ontime	6472.1158649921	Sum of GTIs [s]
caldbver	4.4.7	 	ontime0	6472.0748249888	Sum of GTIs [s]
date	2012-02-11T07:01:09	Date and time of file creation	ontime1	6472.0337849855	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	6471.9927449822	Sum of GTIs [s]
			ontime3	6472.1569049954	Sum of GTIs [s]
			ontime6	6471.9517049789	Sum of GTIs [s]
			ontime7	6472.1158649921	Sum of GTIs [s]
			l1events	483300	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	73697	73221	77087	76459	80405	102431	grade 0 events	17637	17344	18350	18395	18273	9535
rejected events	40190	39513	43270	42670	45313	46086		23%	23%	23%	24%	22%	9%
rejected %	54%	53%	56%	55%	56%	44%	grade 1 events	114	97	111	119	99	77
								0%	0%	0%	0%	0%	0%
							grade 2 events	6238	6598	5932	5918	6562	12306
								8%	9%	7%	7%	8%	12%
							grade 3 events	2388	2329	2347	2341	2399	5150
								3%	3%	3%	3%	2%	5%
							grade 4 events	2280	2237	2408	2375	2229	4982
								3%	3%	3%	3%	2%	4%
							grade 5 events	2619	2770	2590	2894	2890	7220
								3%	3%	3%	3%	3%	7%
							grade 6 events	5283	5496	5109	5067	5932	24913
								7%	7%	6%	6%	7%	24%
							grade 7 events	37138	36350	40240	39350	42021	38248
								50%	49%	52%	51%	52%	37%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	114.2529693648338
[deg] Pointing Dec	0	19.10802023097608
[deg] Pointing Roll	0.0	265.2454234554385
SIM focus pos (mm)	-1.4281808131	-1.4281808131
[mm] SIM defocus	0.1051557500557434	0.1051557500557434
SIM translation stage pos (mm)	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	445284640.257007	445284640.257007
Observation start date	2012-02-10T18:10:40	2012-02-10T18:10:40
[s] Observation end time (MET)	445292425.217649	445292425.217649
Observation end date	2012-02-10T20:20:25	2012-02-10T20:20:25
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	OVERRIDE	OVERRIDE
Number of optional ACIS chips dropped	0	0
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.02.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.4721158649921

A.2 Comments