

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 55092 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Mar 2 2012

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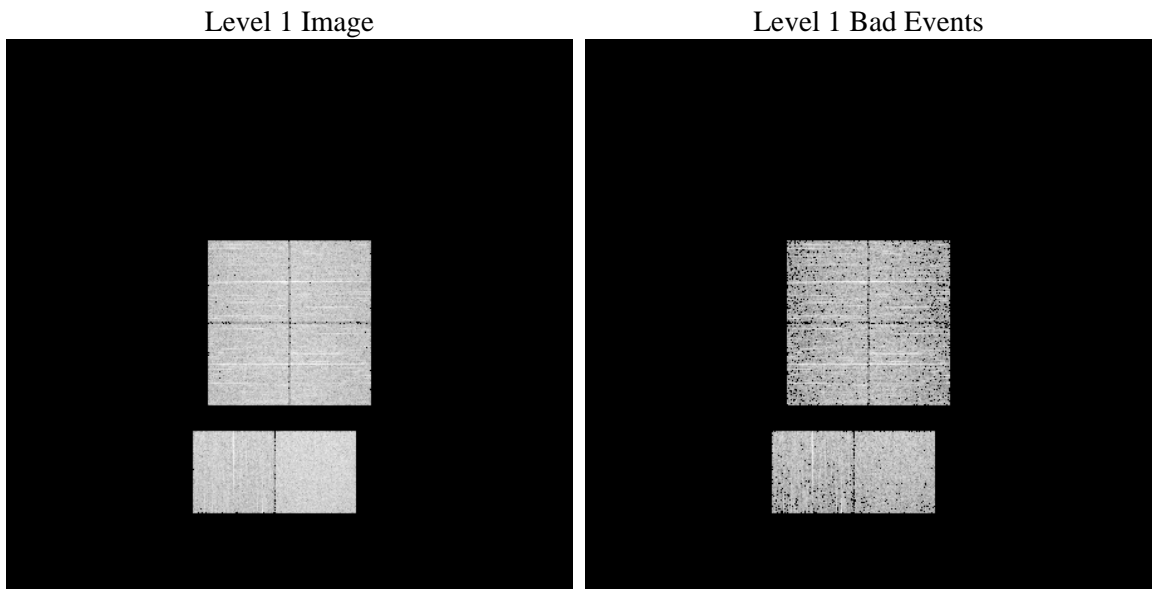
1 Front

seq_num	 	Sequence number
obs_id	55092	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	14.028700985465	Nominal RA [deg]
dec_nom	-9.0043711131971	Nominal Dec [deg]
roll_nom	318.23106425775	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3292.243694067	Sum of GTIs [s]
livetime	3250.5553220616	Livetime [s]
ontime0	3292.2026540637	Sum of GTIs [s]
ontime1	3292.1616140604	Sum of GTIs [s]
ontime2	3292.1205740571	Sum of GTIs [s]
ontime3	3292.2847340703	Sum of GTIs [s]
ontime6	3292.0795340538	Sum of GTIs [s]
ontime7	3292.243694067	Sum of GTIs [s]
l2events	114846	Number of level 2 events

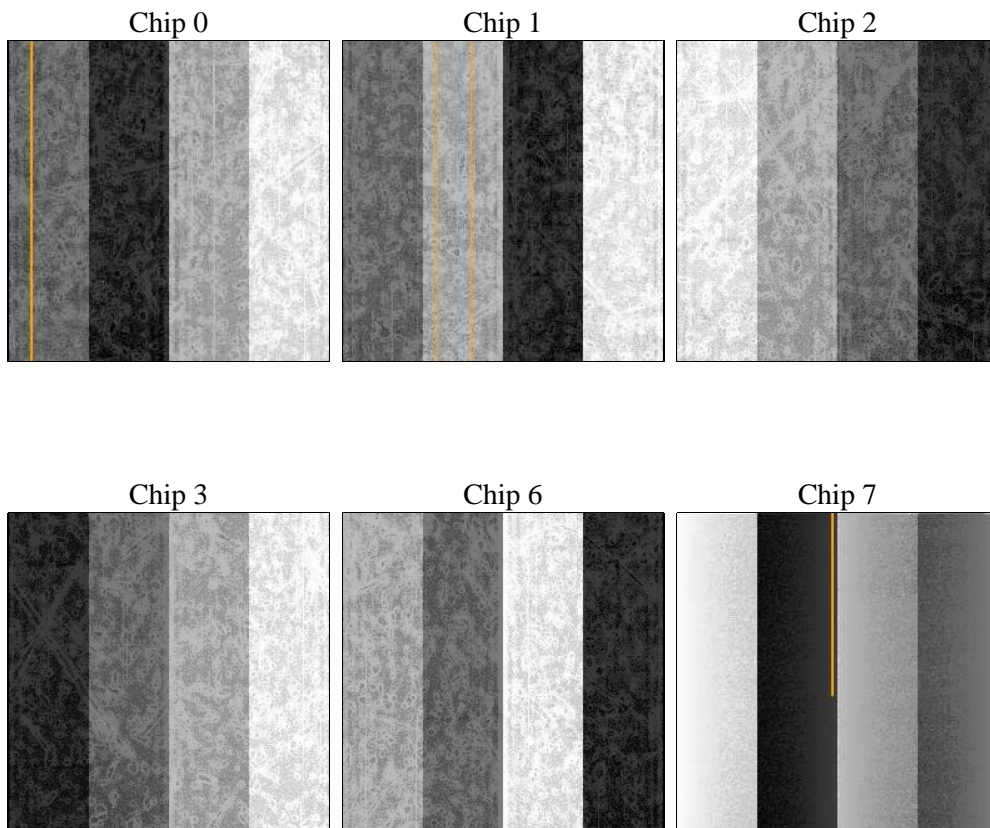
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	3	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	3292.243694067	Sum of GTIs [s]
caldsver	4.4.8	 	ontime0	3292.2026540637	Sum of GTIs [s]
date	2012-03-02T16:06:19	Date and time of file creation	ontime1	3292.1616140604	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	3292.1205740571	Sum of GTIs [s]
			ontime3	3292.2847340703	Sum of GTIs [s]
			ontime6	3292.0795340538	Sum of GTIs [s]
			ontime7	3292.243694067	Sum of GTIs [s]
			l1events	250686	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	38862	38368	39567	39978	40576	53335	grade 0 events	9477	9368	9797	9738	9762	4974
rejected events	20801	20093	21418	21726	21545	23519		24%	24%	24%	24%	24%	9%
rejected %	53%	52%	54%	54%	53%	44%	grade 1 events	52	61	53	72	54	55
								0%	0%	0%	0%	0%	0%
							grade 2 events	3445	3573	3123	3187	3488	6451
								8%	9%	7%	7%	8%	12%
							grade 3 events	1213	1247	1283	1328	1256	2585
								3%	3%	3%	3%	3%	4%
							grade 4 events	1118	1241	1255	1280	1245	2689
								2%	3%	3%	3%	3%	5%
							grade 5 events	1336	1355	1283	1549	1425	3809
								3%	3%	3%	3%	3%	7%
							grade 6 events	2808	2846	2691	2719	3280	13117
								7%	7%	6%	6%	8%	24%
							grade 7 events	19413	18677	20082	20105	20066	19655
								49%	48%	50%	50%	49%	36%

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	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	14.02870098546532	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-9.004371113197061	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	318.231064257748	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	436375161.436762	436375160.41173			
Observation start date	2011-10-30T15:19:21	2011-10-30T15:19:20			
[s] Observation end time (MET)	436380557.037047	436380556.01202			
Observation end date	2011-10-30T16:49:17	2011-10-30T16:49:16			
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)	2012.03.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.292243694067

A.2 Comments