

V&V Reference Report

L2 ASCDS Version : 10

Observation 53334 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Oct 6 2013

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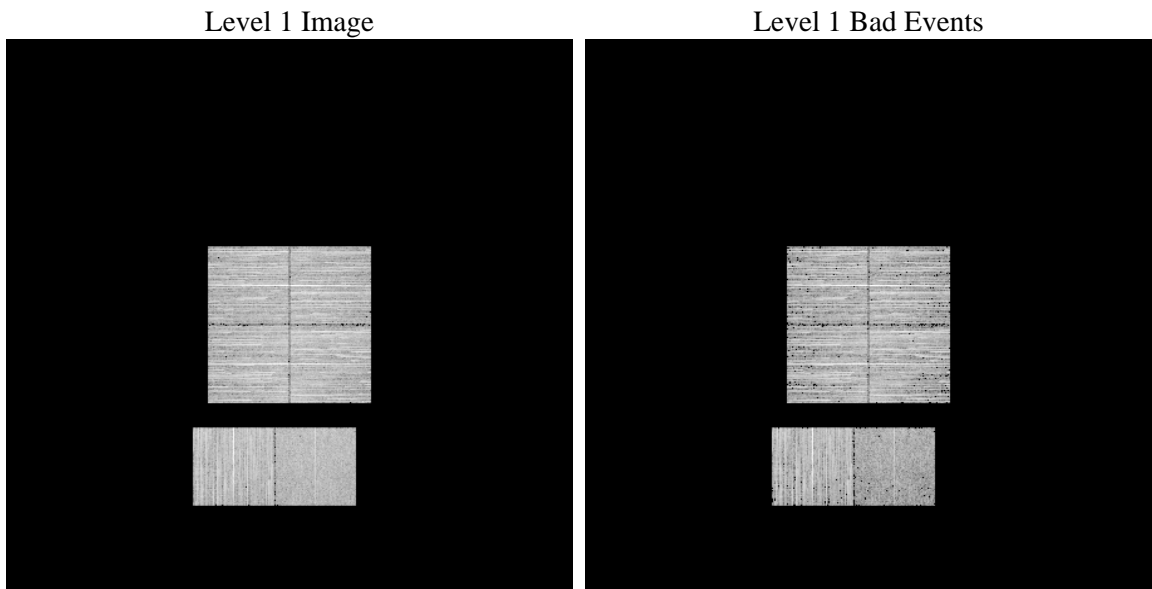
1 Front

seq_num	 	Sequence number
obs_id	53334	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	9.0274303430104	Nominal RA [deg]
dec_nom	-19.987219785901	Nominal Dec [deg]
roll_nom	353.55669721473	Nominal Roll [deg]
revision	1	Processing version of data
ontime	4150.3999845982	Sum of GTIs [s]
livetime	4097.8451209223	Livetime [s]
ontime0	4148.3050816655	Sum of GTIs [s]
ontime1	4150.3999845982	Sum of GTIs [s]
ontime2	4150.3999845982	Sum of GTIs [s]
ontime3	4150.3999845982	Sum of GTIs [s]
ontime6	4150.3999845982	Sum of GTIs [s]
ontime7	4150.3999845982	Sum of GTIs [s]
l2events	97321	Number of level 2 events

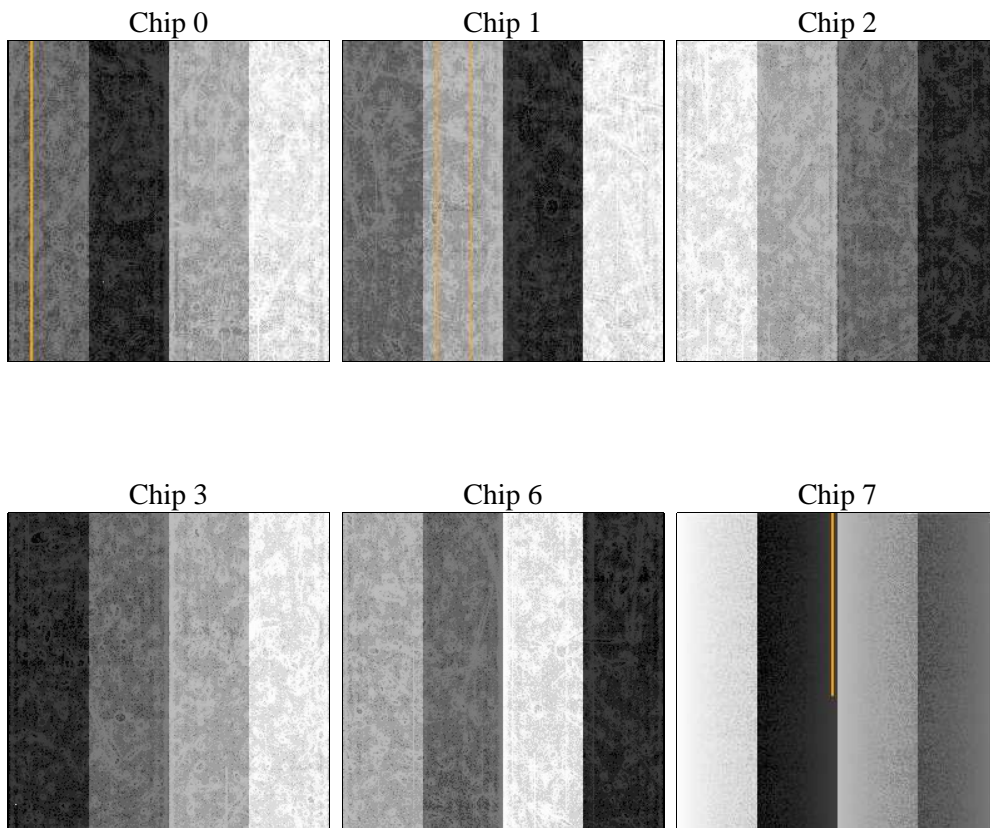
2 OBI

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	10	Processing system revision	ontime	4150.3999845982	Sum of GTIs [s]
caldsver	4.5.8	 	ontime0	4148.3050816655	Sum of GTIs [s]
date	2013-10-06T14:50:13	Date and time of file creation	ontime1	4150.3999845982	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	4150.3999845982	Sum of GTIs [s]
			ontime3	4150.3999845982	Sum of GTIs [s]
			ontime6	4150.3999845982	Sum of GTIs [s]
			ontime7	4150.3999845982	Sum of GTIs [s]
			l1events	437671	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	72381	73870	75967	77541	76302	61610	grade 0 events	7599	7296	7778	8052	7637	3996
rejected events	57541	58939	61255	62315	60800	33574		10%	9%	10%	10%	10%	6%
rejected %	79%	79%	80%	80%	79%	54%	grade 1 events	44	29	42	44	40	48
								0%	0%	0%	0%	0%	0%
							grade 2 events	2882	3185	2752	2875	3053	6851
								3%	4%	3%	3%	4%	11%
							grade 3 events	1016	990	991	990	1010	2323
								1%	1%	1%	1%	1%	3%
							grade 4 events	992	980	970	982	1035	2220
								1%	1%	1%	1%	1%	3%
							grade 5 events	1421	1437	1428	1597	1496	3669
								1%	1%	1%	2%	1%	5%
							grade 6 events	2367	2493	2232	2338	2773	12665
								3%	3%	2%	3%	3%	20%
							grade 7 events	56060	57460	59774	60663	59258	29838
								77%	77%	78%	78%	77%	48%

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	9.027430343010394	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-19.98721978590059	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	353.5566972147286	[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)	497411390.132401	497411389.1074			
Observation start date	2013-10-06T01:49:50	2013-10-06T01:49:49			
[s] Observation end time (MET)	497419848.432863	497419847.40786			
Observation end date	2013-10-06T04:10:48	2013-10-06T04:10:47			
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)	2013.10.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.1503999845982

A.2 Comments