

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 55939 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jul 5 2012

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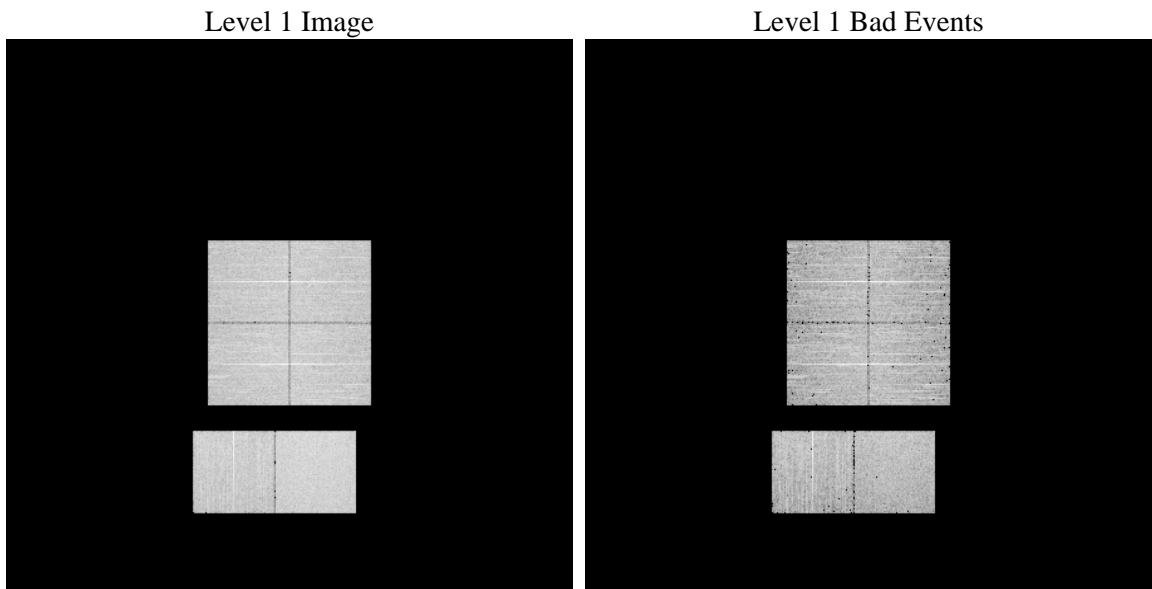
1 Front

seq_num	 	Sequence number
obs_id	55939	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	40.515323899082	Nominal RA [deg]
dec_nom	-9.9755432433797	Nominal Dec [deg]
roll_nom	25.573807891603	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5724.7999787331	Sum of GTIs [s]
livetime	5652.3091143416	Livetime [s]
ontime0	5724.7925255895	Sum of GTIs [s]
ontime1	5724.7514855862	Sum of GTIs [s]
ontime2	5724.7104455829	Sum of GTIs [s]
ontime3	5724.7999787331	Sum of GTIs [s]
ontime6	5724.6694055796	Sum of GTIs [s]
ontime7	5724.7999787331	Sum of GTIs [s]
l2events	251230	Number of level 2 events

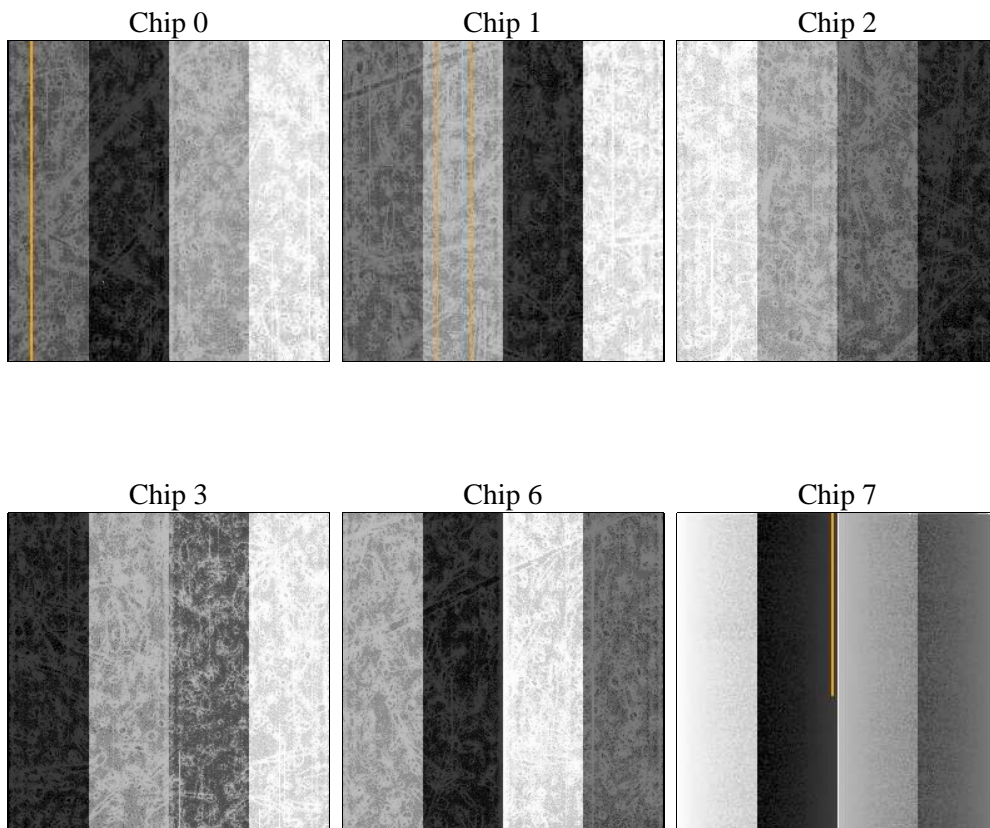
2 OBI

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	5724.7999787331	Sum of GTIs [s]
caldbver	4.5.0	 	ontime0	5724.7925255895	Sum of GTIs [s]
date	2012-07-05T21:04:38	Date and time of file creation	ontime1	5724.7514855862	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	5724.7104455829	Sum of GTIs [s]
			ontime3	5724.7999787331	Sum of GTIs [s]
			ontime6	5724.6694055796	Sum of GTIs [s]
			ontime7	5724.7999787331	Sum of GTIs [s]
			l1events	524194	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	80702	81754	83457	85675	86720	105886	grade 0 events	21295	20793	21520	22031	21040	10753
rejected events	40494	40892	43684	44847	45308	43417		26%	25%	25%	25%	24%	10%
rejected %	50%	50%	52%	52%	52%	41%	grade 1 events	154	97	137	155	131	94
								0%	0%	0%	0%	0%	0%
							grade 2 events	7244	8049	6746	7010	7857	13848
								8%	9%	8%	8%	9%	13%
							grade 3 events	2668	2686	2690	2794	2597	5597
								3%	3%	3%	3%	2%	5%
							grade 4 events	2618	2630	2758	2765	2627	5337
								3%	3%	3%	3%	3%	5%
							grade 5 events	2488	2436	2476	2793	2697	6694
								3%	2%	2%	3%	3%	6%
							grade 6 events	6413	6726	6080	6254	7308	26975
								7%	8%	7%	7%	8%	25%
							grade 7 events	37822	38337	41050	41873	42463	36588
								46%	46%	49%	48%	48%	34%

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	40.51532389908198	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-9.975543243379722	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	25.57380789160344	[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)	404419469.260696	404419468.23569			
Observation start date	2010-10-25T18:44:29	2010-10-25T18:44:28			
[s] Observation end time (MET)	404428710.661172	404428709.63616			
Observation end date	2010-10-25T21:18:31	2010-10-25T21:18:29			
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)	2012.07.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.7247999787331

A.2 Comments