

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 54943 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jan 7 2012

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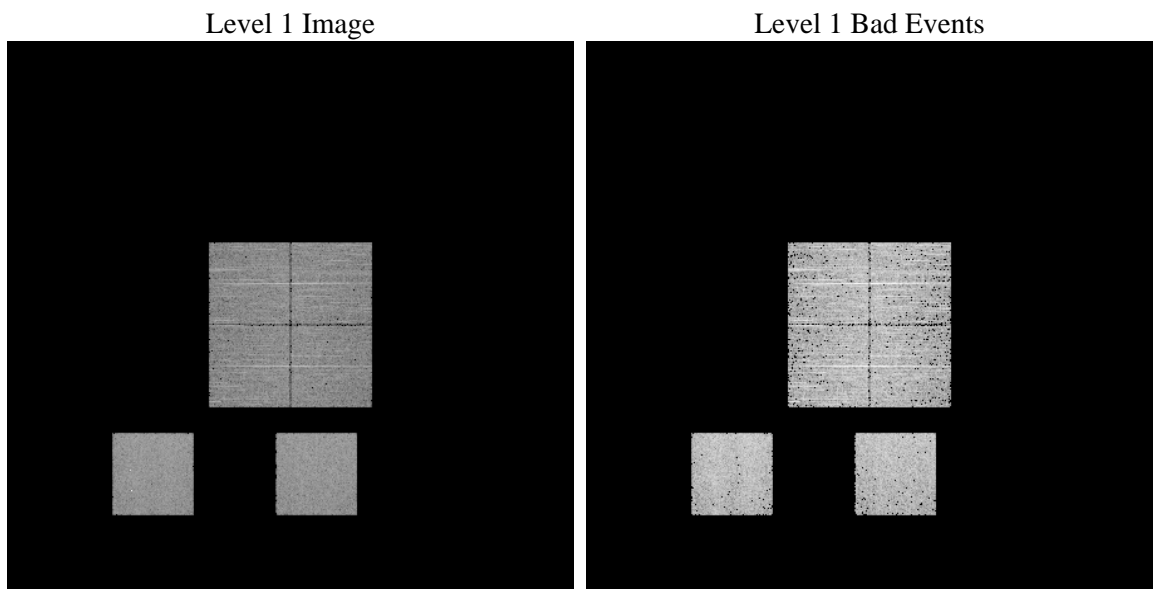
1 Front

seq_num	 	Sequence number
obs_id	54943	Observation id
title	ACIS-012357 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	89.028162617008	Nominal RA [deg]
dec_nom	5.9935477097578	Nominal Dec [deg]
roll_nom	313.9839750092	Nominal Roll [deg]
revision	1	Processing version of data
ontime	3278.7447589636	Sum of GTIs [s]
livetime	3237.2273186025	Livetime [s]
ontime0	3278.7037189603	Sum of GTIs [s]
ontime1	3278.662678957	Sum of GTIs [s]
ontime2	3278.6216389537	Sum of GTIs [s]
ontime3	3278.7857989669	Sum of GTIs [s]
ontime5	3278.5805989504	Sum of GTIs [s]
ontime7	3278.7447589636	Sum of GTIs [s]
l2events	115733	Number of level 2 events

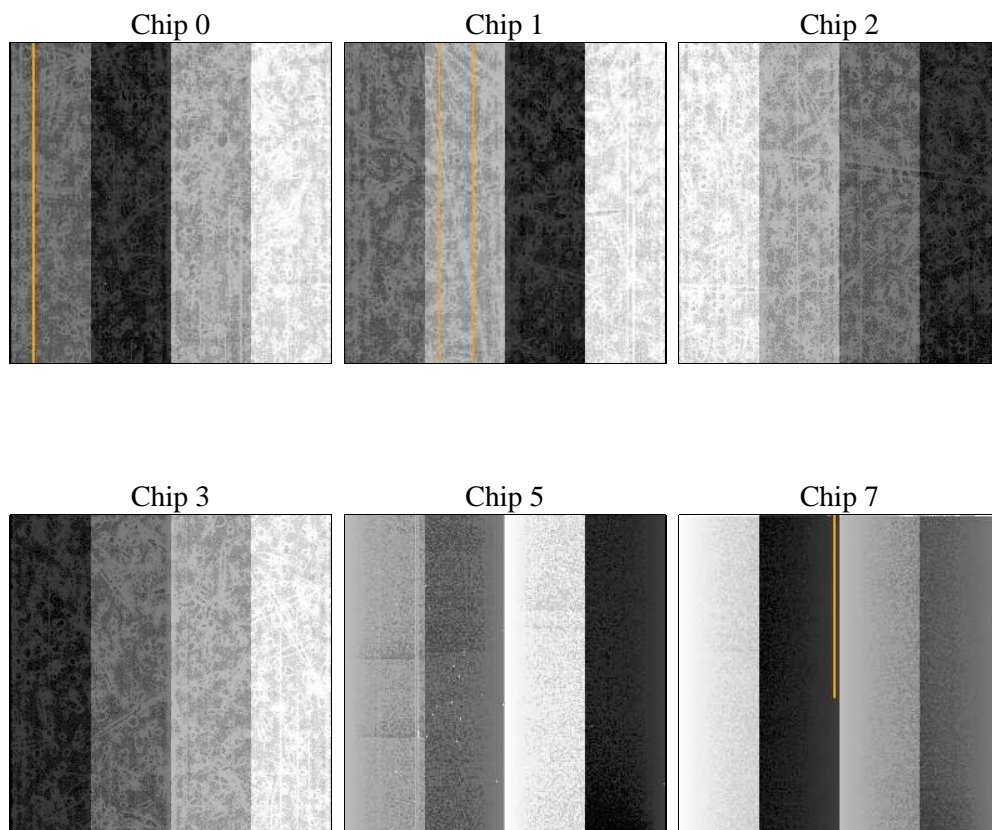
2 OBI

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	3278.7447589636	Sum of GTIs [s]
caldbver	4.4.7	 	ontime0	3278.7037189603	Sum of GTIs [s]
date	2012-01-08T00:54:29	Date and time of file creation	ontime1	3278.662678957	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	3278.6216389537	Sum of GTIs [s]
			ontime3	3278.7857989669	Sum of GTIs [s]
			ontime5	3278.5805989504	Sum of GTIs [s]
			ontime7	3278.7447589636	Sum of GTIs [s]
			l1events	272202	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	40790	41199	41246	39505	55518	53944	grade 0 events	6306	4955	6711	6623	2613	3985
rejected events	24729	25219	25310	23465	26220	25281		15%	12%	16%	16%	4%	7%
rejected %	60%	61%	61%	59%	47%	46%	grade 1 events	25	15	36	25	56	41
								0%	0%	0%	0%	0%	0%
							grade 2 events	5320	6441	4780	5019	8881	5954
								13%	15%	11%	12%	15%	11%
							grade 3 events	756	686	811	804	1491	2479
								1%	1%	1%	2%	2%	4%
							grade 4 events	777	620	884	782	1372	2195
								1%	1%	2%	1%	2%	4%
							grade 5 events	1053	987	1020	1208	2475	3180
								2%	2%	2%	3%	4%	5%
							grade 6 events	2902	3278	2750	2812	14941	14050
								7%	7%	6%	7%	26%	26%
							grade 7 events	23651	24217	24254	22232	23689	22060
								57%	58%	58%	56%	42%	40%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012357	ACIS-012357	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	89.02816261700809	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	5.993547709757821	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	313.9839750092034	[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)	442344407.101532	442344406.07653			
Observation start date	2012-01-07T17:26:47	2012-01-07T17:26:46			
[s] Observation end time (MET)	442349587.451806	442349586.42681			
Observation end date	2012-01-07T18:53:07	2012-01-07T18:53:06			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.01.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.2787447589636

A.2 Comments