

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55588 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 6 2012

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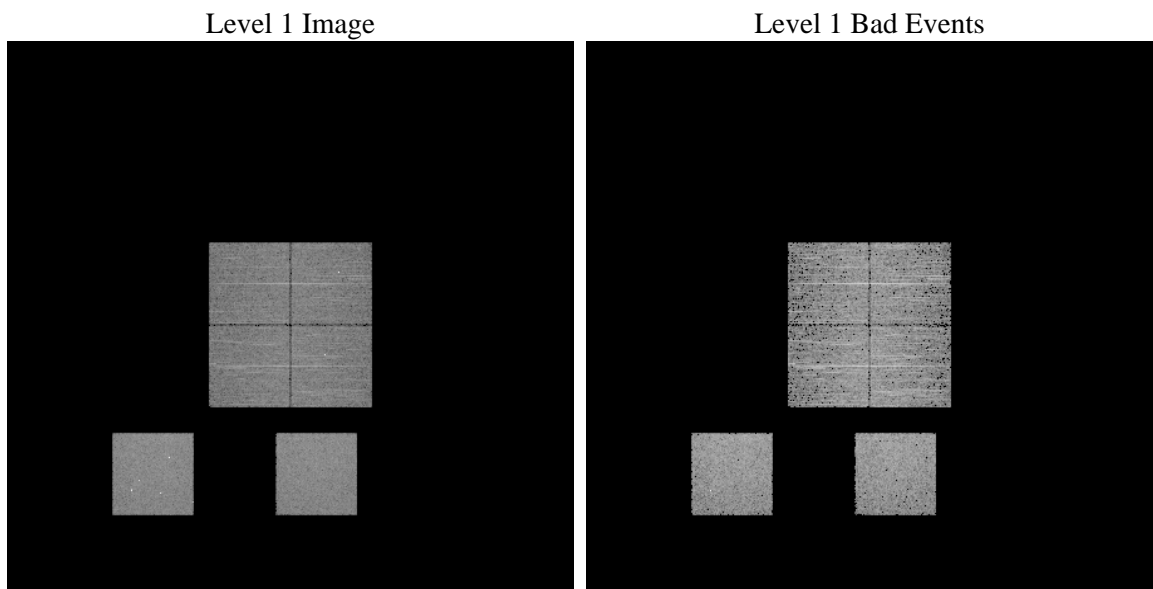
1 Front

seq_num	 	Sequence number
obs_id	55588	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	188.46958043033	Nominal RA [deg]
dec_nom	23.396856497885	Nominal Dec [deg]
roll_nom	150.15444773082	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3889.2438817024	Sum of GTIs [s]
livetime	3839.9959338508	Livetime [s]
ontime0	3889.2438817024	Sum of GTIs [s]
ontime1	3890.2518444657	Sum of GTIs [s]
ontime2	3890.2108044624	Sum of GTIs [s]
ontime3	3889.243881762	Sum of GTIs [s]
ontime5	3890.1697644591	Sum of GTIs [s]
ontime7	3889.2438817024	Sum of GTIs [s]
l2events	168170	Number of level 2 events

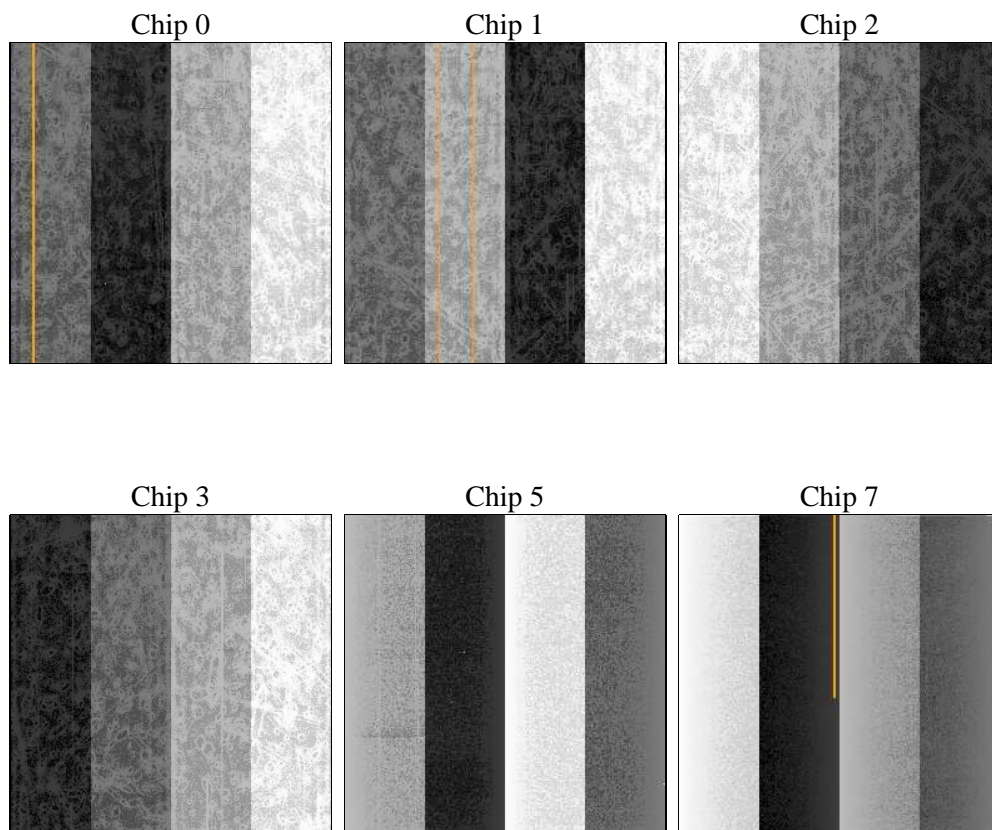
2 OBI

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	3889.2438817024	Sum of GTIs [s]
caldsver	4.4.7	 	ontime0	3889.2438817024	Sum of GTIs [s]
date	2012-02-06T10:10:36	Date and time of file creation	ontime1	3890.2518444657	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	3890.2108044624	Sum of GTIs [s]
			ontime3	3889.243881762	Sum of GTIs [s]
			ontime5	3890.1697644591	Sum of GTIs [s]
			ontime7	3889.2438817024	Sum of GTIs [s]
			l1events	346349	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	49557	52118	51804	53542	71567	67761	grade 0 events	12949	14057	13313	13195	6806	6598
rejected events	24937	26178	27199	28381	29532	29049		26%	26%	25%	24%	9%	9%
rejected %	50%	50%	52%	53%	41%	42%	grade 1 events	85	80	96	79	103	61
								0%	0%	0%	0%	0%	0%
							grade 2 events	4508	4790	4368	4950	14719	8370
								9%	9%	8%	9%	20%	12%
							grade 3 events	1703	1572	1689	1684	1634	3431
								3%	3%	3%	3%	2%	5%
							grade 4 events	1667	1684	1690	1671	1631	3439
								3%	3%	3%	3%	2%	5%
							grade 5 events	1732	1709	1589	1820	3820	4570
								3%	3%	3%	3%	5%	6%
							grade 6 events	3793	3855	3568	3661	17285	16874
								7%	7%	6%	6%	24%	24%
							grade 7 events	23120	24371	25491	26482	25569	24418
								46%	46%	49%	49%	35%	36%

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	188.4695804303308	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	23.39685649788497	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	150.1544477308229	[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)	416725519.4463	416725518.4213			
Observation start date	2011-03-17T05:05:19	2011-03-17T05:05:18			
[s] Observation end time (MET)	416744182.647266	416744181.62227			
Observation end date	2011-03-17T10:16:23	2011-03-17T10:16:21			
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)	2012.02.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.8892438817024

A.2 Comments