

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55583 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 6 2012

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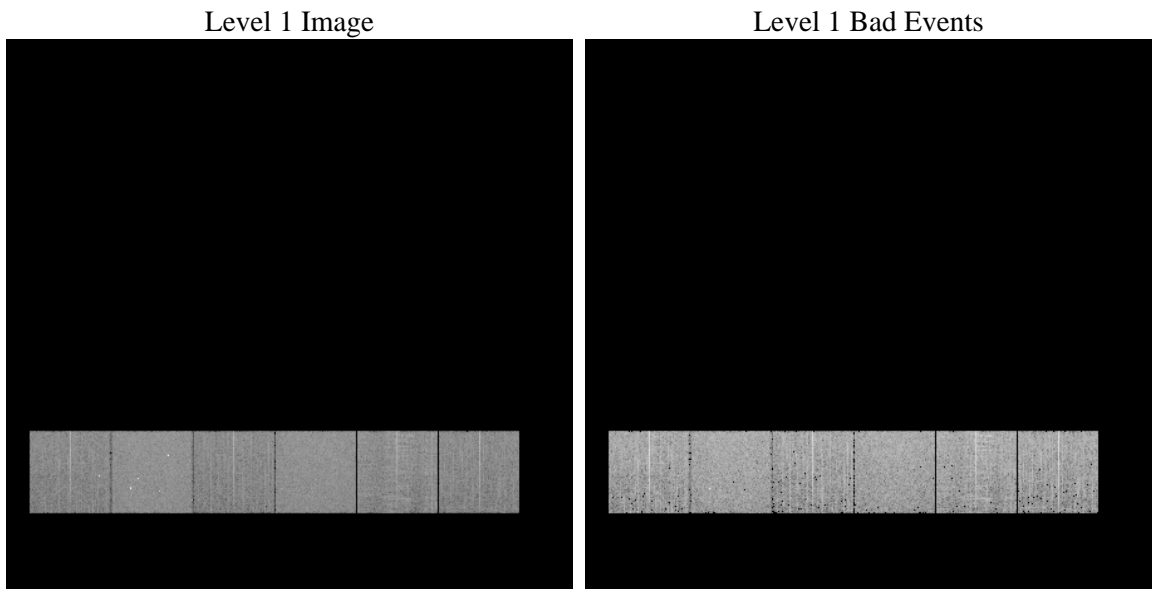
1 Front

seq_num	 	Sequence number
obs_id	55583	Observation id
title	ACIS-456789 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	156.28269367107	Nominal RA [deg]
dec_nom	3.5914619894462	Nominal Dec [deg]
roll_nom	254.65545702067	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4502.3999832869	Sum of GTIs [s]
livetime	4445.3878836787	Livetime [s]
ontime4	4502.3999832869	Sum of GTIs [s]
ontime5	4502.3999832869	Sum of GTIs [s]
ontime6	4502.3999832869	Sum of GTIs [s]
ontime7	4502.3999832869	Sum of GTIs [s]
ontime8	4502.3999832869	Sum of GTIs [s]
ontime9	4502.3999832869	Sum of GTIs [s]
l2events	198239	Number of level 2 events

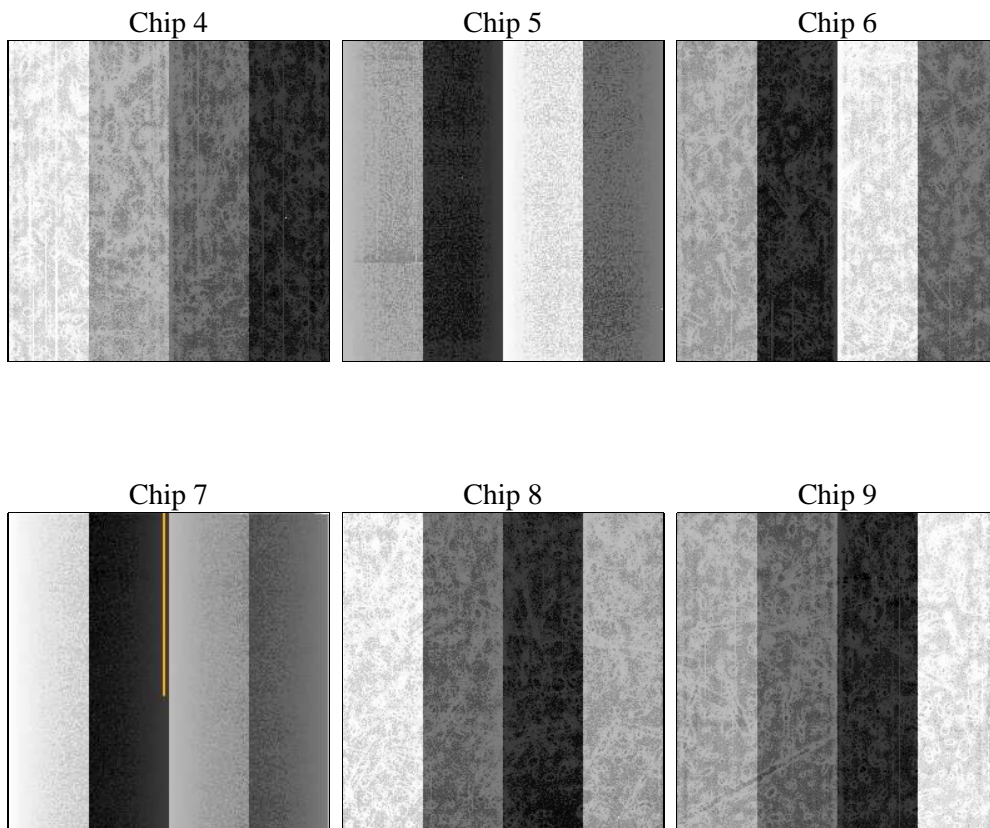
2 OBI

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	4502.3999832869	Sum of GTIs [s]
caldsver	4.4.7	 	ontime4	4502.3999832869	Sum of GTIs [s]
date	2012-02-06T10:58:21	Date and time of file creation	ontime5	4502.3999832869	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	4502.3999832869	Sum of GTIs [s]
			ontime7	4502.3999832869	Sum of GTIs [s]
			ontime8	4502.3999832869	Sum of GTIs [s]
			ontime9	4502.3999832869	Sum of GTIs [s]
			l1events	442666	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9		ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	65394	87525	64929	82713	75776	66329	grade 0 events	16775	8110	15460	8150	17921	15552
rejected events	36717	37718	35595	36358	39674	37419		25%	9%	23%	9%	23%	23%
rejected %	56%	43%	54%	43%	52%	56%	grade 1 events	129	150	99	80	121	97
								0%	0%	0%	0%	0%	0%
							grade 2 events	4650	17577	5610	10432	7099	5389
								7%	20%	8%	12%	9%	8%
							grade 3 events	2070	2180	2039	4321	2690	2032
								3%	2%	3%	5%	3%	3%
							grade 4 events	1971	2158	1979	4231	2605	2038
								3%	2%	3%	5%	3%	3%
							grade 5 events	2090	4647	2277	5387	2951	2402
								3%	5%	3%	6%	3%	3%
							grade 6 events	3941	21078	5112	20530	6845	4756
								6%	24%	7%	24%	9%	7%
							grade 7 events	33768	31625	32353	29582	35544	34063
								51%	36%	49%	35%	46%	51%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-456789	ACIS-456789
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	156.2826936710737
[deg] Pointing Dec	0	3.591461989446213
[deg] Pointing Roll	0.0	254.6554570206674
[mm] SIM focus pos	-1.4281808131	-1.4281808131
[mm] SIM defocus	0.1051557500557434	0.1051557500557434
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	416953135.058094	416953135.058094
Observation start date	2011-03-19T20:18:55	2011-03-19T20:18:55
[s] Observation end time (MET)	416959027.957329	416959027.957329
Observation end date	2011-03-19T21:57:08	2011-03-19T21:57:07
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	OVERRIDE	OVERRIDE
Number of optional ACIS chips dropped	0	0
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

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	4.5023999832869

A.2 Comments