

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58394 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Apr 24 2012

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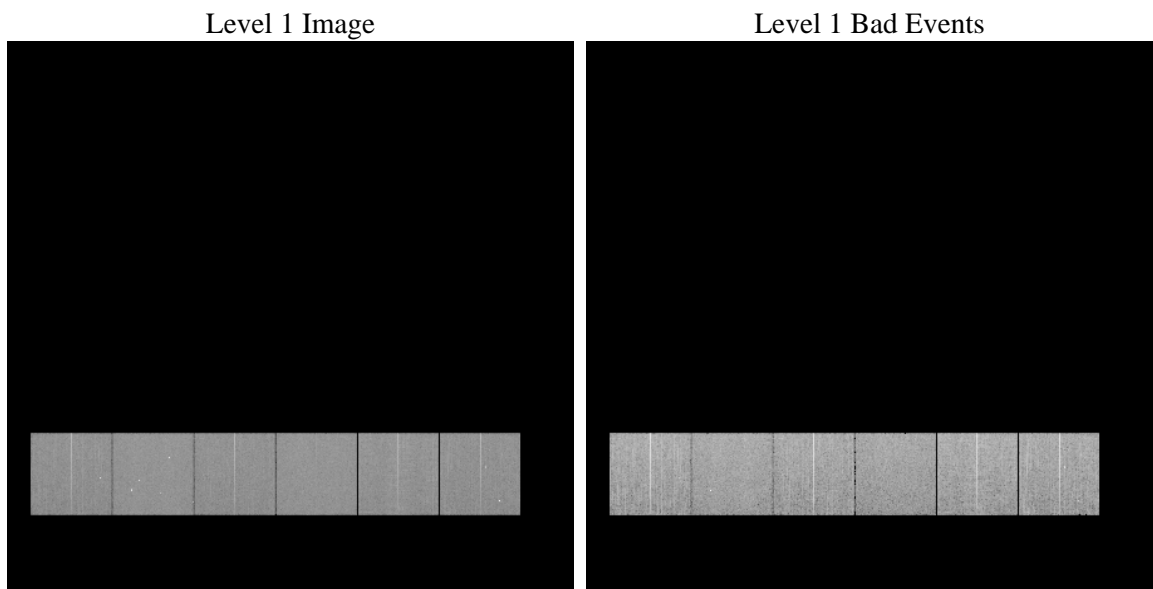
1 Front

seq_num	 	Sequence number
obs_id	58394	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	118.01760401828	Nominal RA [deg]
dec_nom	34.975050599617	Nominal Dec [deg]
roll_nom	267.12161595759	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7631.9999716282	Sum of GTIs [s]
livetime	7535.3589925488	Livetime [s]
ontime4	7631.9999716282	Sum of GTIs [s]
ontime5	7631.9999716282	Sum of GTIs [s]
ontime6	7631.9999716282	Sum of GTIs [s]
ontime7	7631.9999716282	Sum of GTIs [s]
ontime8	7631.9999716282	Sum of GTIs [s]
ontime9	7631.9999716282	Sum of GTIs [s]
l2events	707263	Number of level 2 events

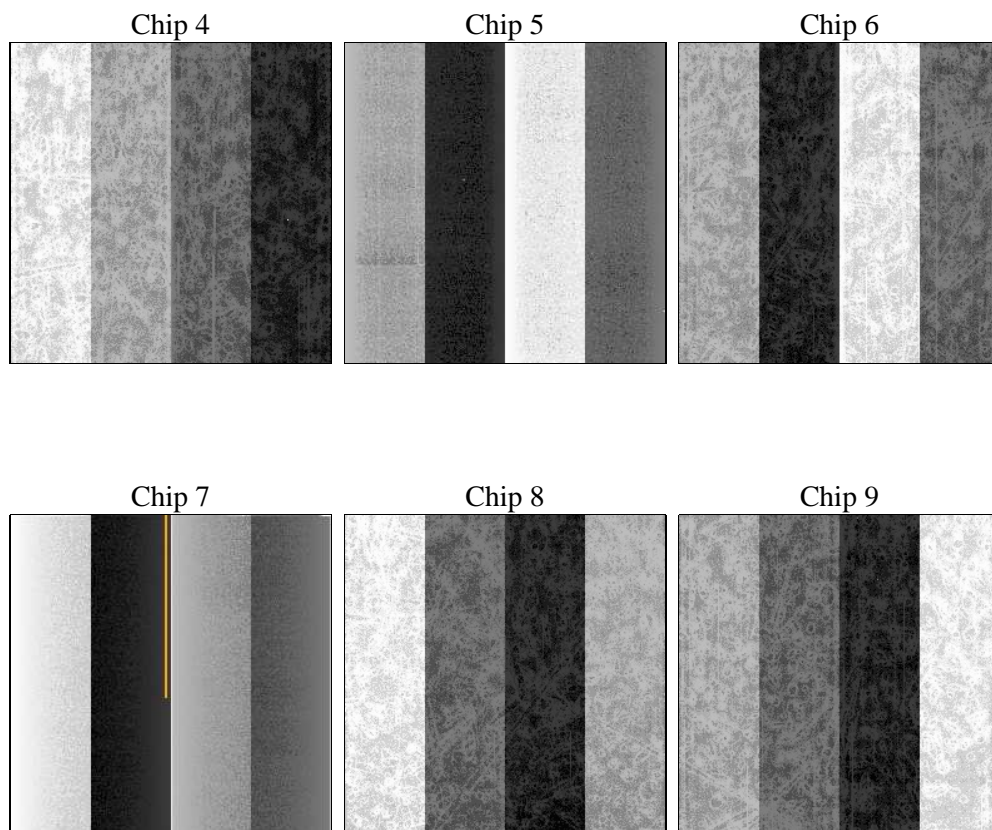
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	6360	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	7631.9999716282	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	7631.9999716282	Sum of GTIs [s]
date	2012-04-24T23:54:02	Date and time of file creation	ontime5	7631.9999716282	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	7631.9999716282	Sum of GTIs [s]
			ontime7	7631.9999716282	Sum of GTIs [s]
			ontime8	7631.9999716282	Sum of GTIs [s]
			ontime9	7631.9999716282	Sum of GTIs [s]
			l1events	1214761	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	192962	212626	193166	210572	210510	194925	grade 0 events	65708	26243	64339	31318	68899	65801
rejected events	81283	70492	74743	64762	80544	77949		34%	12%	33%	14%	32%	33%
rejected %	42%	33%	38%	30%	38%	39%	grade 1 events	650	214	404	167	508	460
								0%	0%	0%	0%	0%	0%
							grade 2 events	18082	52038	21244	32169	24079	20208
								9%	24%	10%	15%	11%	10%
							grade 3 events	7749	7509	7746	14412	9258	7731
								4%	3%	4%	6%	4%	3%
							grade 4 events	7720	7172	7875	14166	9082	7601
								4%	3%	4%	6%	4%	3%
							grade 5 events	4016	9468	4271	10197	5190	4558
								2%	4%	2%	4%	2%	2%
							grade 6 events	14795	52052	19711	56830	21376	18058
								7%	24%	10%	26%	10%	9%
							grade 7 events	74242	57930	67576	51313	72118	70508
								38%	27%	34%	24%	34%	36%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-456789	ACIS-456789	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	OVERRIDE	OVERRIDE
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	118.0175432761114	118.0176040182794	Subarray requested	NONE	NONE
[deg] Pointing Dec	34.9751644188945	34.97505059961741	Alternating exposures requested	N	N
[deg] Pointing Roll	267.1216507694025	267.1216159575889	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-0.68282252473119	-0.68282252473119			
[mm] SIM defocus	0.8505140384245534	0.8505140384245534			
[mm] SIM translation stage pos	250.4635187649	250.4635187649			
[mm] SIM translation stage offset	-0.007542945905271381	-0.007542945905271381			
[s] Observation start time (MET)	295620843.707887	295620843.707887			
Observation start date	2007-05-15T13:23:00	2007-05-15T12:54:03			
[s] Observation end time (MET)	295630360.601672	295630360.601672			
Observation end date	2007-05-15T15:09:00	2007-05-15T15:32:40			
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)	2012.04.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.6319999716282

A.2 Comments