

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58417 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 23 2012

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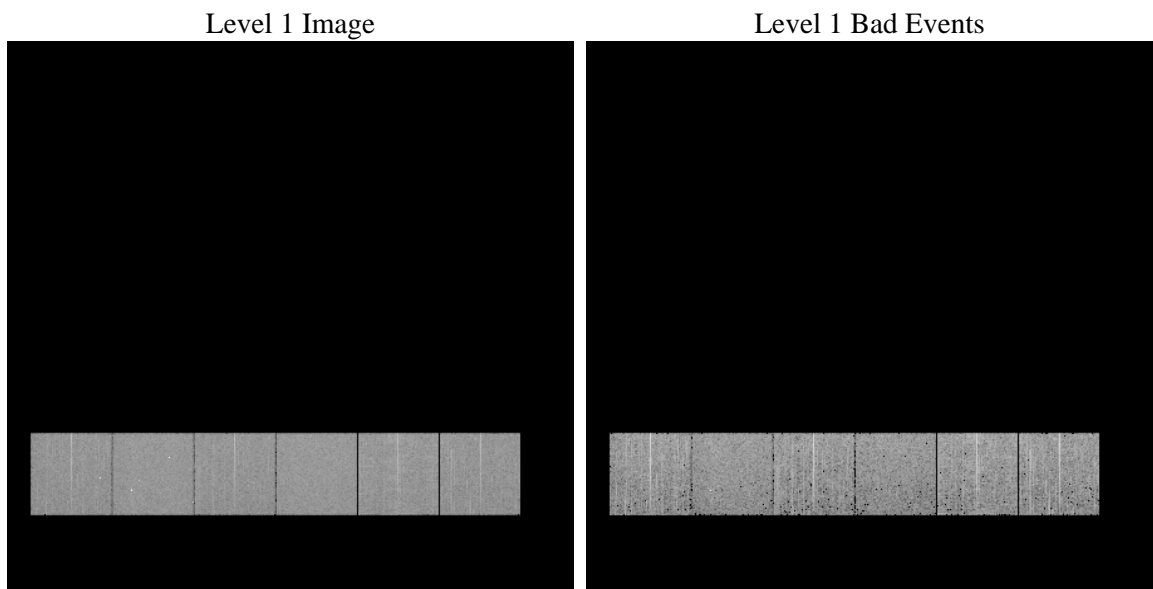
1 Front

seq_num	 	Sequence number
obs_id	58417	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	243.99310199642	Nominal RA [deg]
dec_nom	-26.971975866381	Nominal Dec [deg]
roll_nom	69.477312704315	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3851.8286425471	Sum of GTIs [s]
livetime	3803.0544689824	Livetime [s]
ontime4	3848.4645322561	Sum of GTIs [s]
ontime5	3851.7876025438	Sum of GTIs [s]
ontime6	3851.7465625405	Sum of GTIs [s]
ontime7	3851.8286425471	Sum of GTIs [s]
ontime8	3851.6644825339	Sum of GTIs [s]
ontime9	3851.8696825504	Sum of GTIs [s]
l2events	364054	Number of level 2 events

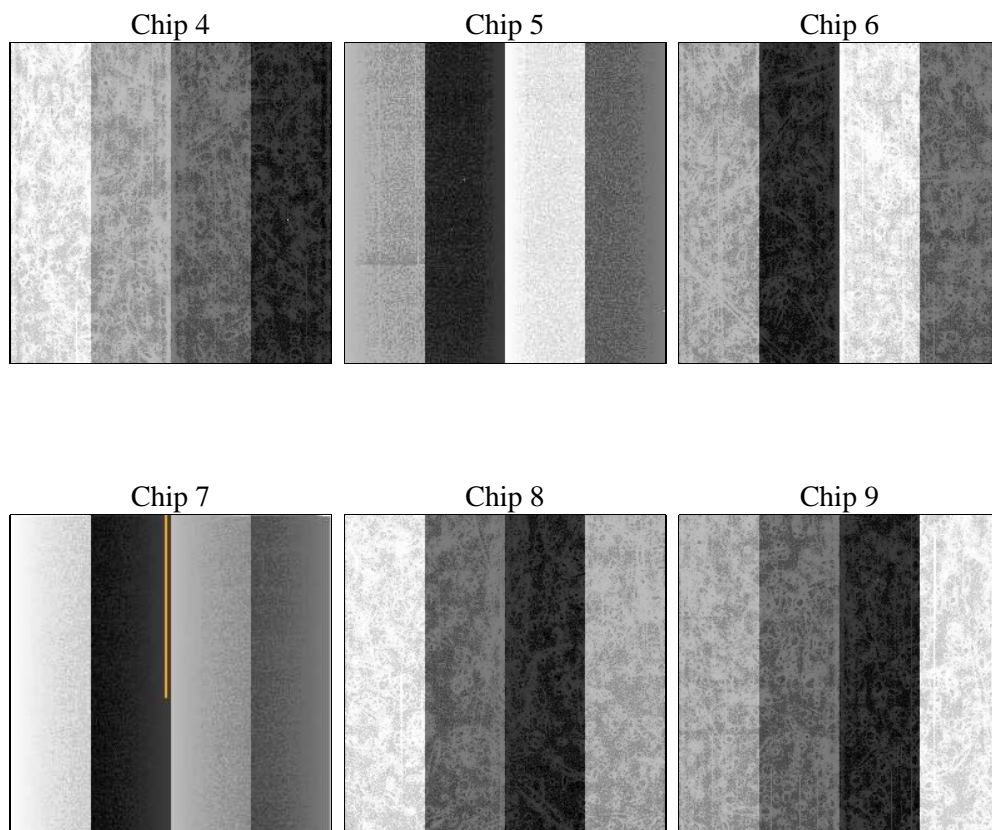
2 OBI

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	8.4.4	Processing system revision	ontime	3851.8286425471	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	3848.4645322561	Sum of GTIs [s]
date	2012-04-24T00:58:40	Date and time of file creation	ontime5	3851.7876025438	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	3851.7465625405	Sum of GTIs [s]
			ontime7	3851.8286425471	Sum of GTIs [s]
			ontime8	3851.6644825339	Sum of GTIs [s]
			ontime9	3851.8696825504	Sum of GTIs [s]
			l1events	601953	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	94160	103852	96805	104483	106083	96570	grade 0 events	33358	13261	33143	16013	34708	32269
rejected events	36535	32222	35054	29666	38824	37140		35%	12%	34%	15%	32%	33%
rejected %	38%	31%	36%	28%	36%	38%	grade 1 events	326	356	209	84	238	258
								0%	0%	0%	0%	0%	0%
							grade 2 events	9026	26136	10805	16481	12306	10187
								9%	25%	11%	15%	11%	10%
							grade 3 events	3902	3421	3943	7259	4550	3902
								4%	3%	4%	6%	4%	4%
							grade 4 events	3912	3568	3860	7084	4565	3986
								4%	3%	3%	6%	4%	4%
							grade 5 events	1937	4492	1979	5028	2547	2152
								2%	4%	2%	4%	2%	2%
							grade 6 events	7492	25302	10044	28049	11179	9148
								7%	24%	10%	26%	10%	9%
							grade 7 events	34207	27316	32822	24485	35990	34668
								36%	26%	33%	23%	33%	35%

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	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	243.9931019964247	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-26.97197586638098	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	69.47731270431515			
[mm] SIM focus pos	-0.684267	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-190.132523	250.4635187648994			
[mm] SIM translation stage offset	0	-0.007540371344731511			
[s] Observation start time (MET)	294254040.992672	294254039.96766			
Observation start date	2007-04-29T17:14:01	2007-04-29T17:13:59			
[s] Observation end time (MET)	294267566.893318	294267565.86831			
Observation end date	2007-04-29T20:59:27	2007-04-29T20:59:25			
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)	2012.04.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.8518286425471

A.2 Comments