

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55135 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 24 2012

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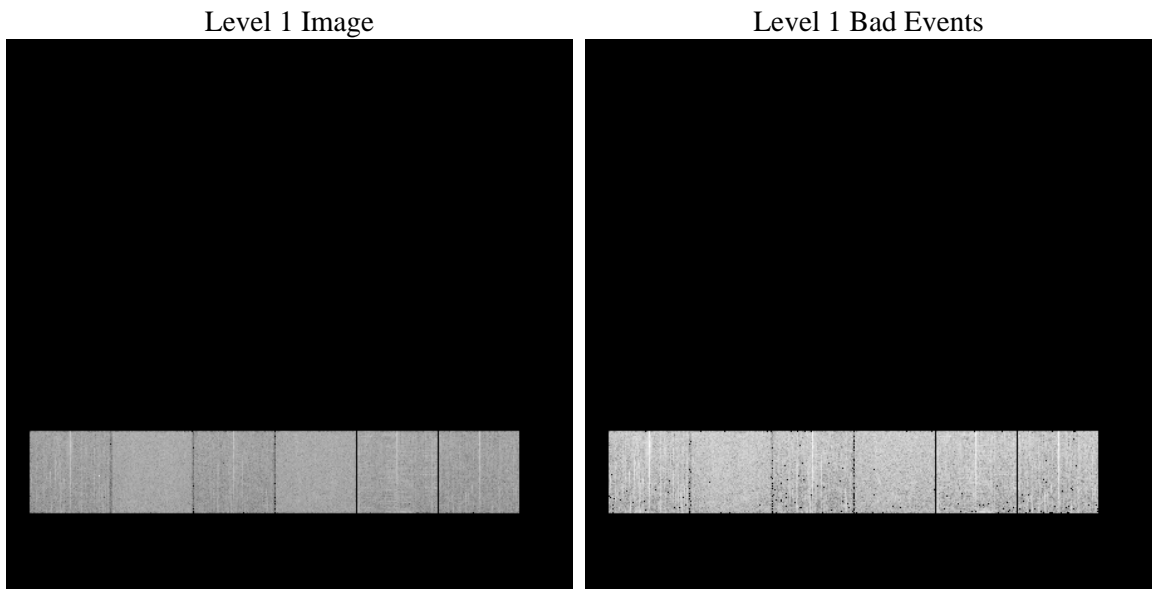
1 Front

seq_num	 	Sequence number
obs_id	55135	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	350.9928098368	Nominal RA [deg]
dec_nom	28.972011586642	Nominal Dec [deg]
roll_nom	224.47801453538	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5430.3419587612	Sum of GTIs [s]
livetime	5361.57969912	Livetime [s]
ontime4	5313.7225794196	Sum of GTIs [s]
ontime5	5430.3829987645	Sum of GTIs [s]
ontime6	5329.9294557571	Sum of GTIs [s]
ontime7	5430.3419587612	Sum of GTIs [s]
ontime8	5329.9294458628	Sum of GTIs [s]
ontime9	5323.34658885	Sum of GTIs [s]
l2events	204616	Number of level 2 events

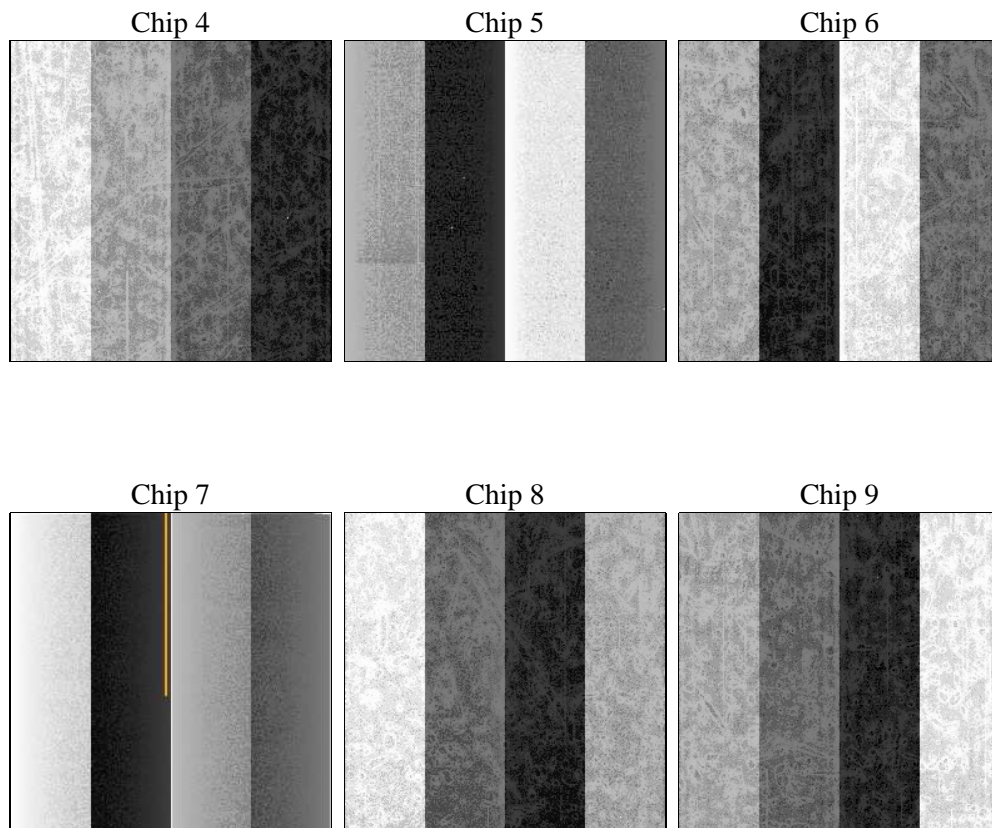
2 OBI

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	5430.3419587612	Sum of GTIs [s]
caldsver	4.4.8	 	ontime4	5313.7225794196	Sum of GTIs [s]
date	2012-02-24T07:00:44	Date and time of file creation	ontime5	5430.3829987645	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	5329.9294557571	Sum of GTIs [s]
			ontime7	5430.3419587612	Sum of GTIs [s]
			ontime8	5329.9294458628	Sum of GTIs [s]
			ontime9	5323.34658885	Sum of GTIs [s]
			l1events	446195	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	67427	86907	65050	84949	76542	65320	grade 0 events	16625	5278	15778	8093	17817	15474
rejected events	38197	38065	34433	36956	39258	35923		24%	6%	24%	9%	23%	23%
rejected %	56%	43%	52%	43%	51%	54%	grade 1 events	137	109	94	76	94	95
								0%	0%	0%	0%	0%	0%
							grade 2 events	4716	17875	5742	10394	7087	5316
								6%	20%	8%	12%	9%	8%
							grade 3 events	2107	1935	2047	4230	2821	1920
								3%	2%	3%	4%	3%	2%
							grade 4 events	1992	1829	1935	4316	2693	1996
								2%	2%	2%	5%	3%	3%
							grade 5 events	2141	4511	2170	5522	2936	2403
								3%	5%	3%	6%	3%	3%
							grade 6 events	3790	21925	5115	20960	6866	4709
								5%	25%	7%	24%	8%	7%
							grade 7 events	35919	33445	32169	31358	36228	33407
								53%	38%	49%	36%	47%	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	350.9928098367999
[deg] Pointing Dec	0	28.9720115866419
[deg] Pointing Roll	0.0	224.4780145353821
[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)	434346998.142888	434346997.1179
Observation start date	2011-10-07T03:56:38	2011-10-07T03:56:37
[s] Observation end time (MET)	434354142.393263	434354141.36827
Observation end date	2011-10-07T05:55:42	2011-10-07T05:55:41
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
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)	2012.02.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.4303419587612

A.2 Comments