

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55484 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 8 2012

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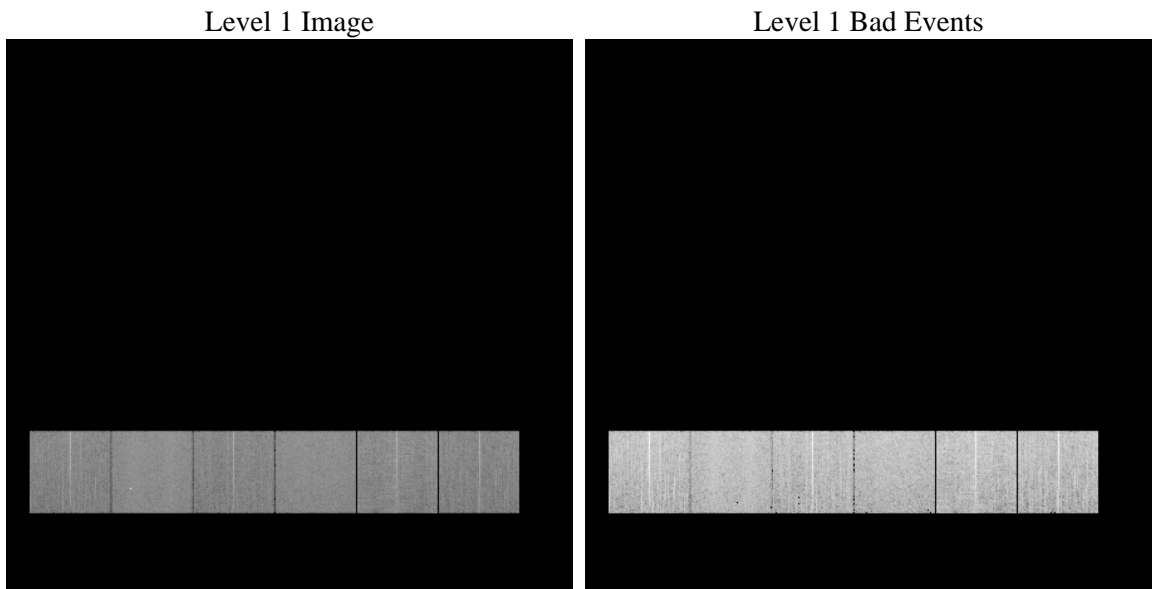
1 Front

seq_num	 	Sequence number
obs_id	55484	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	245.75468751281	Nominal RA [deg]
dec_nom	-7.6318676977214	Nominal Dec [deg]
roll_nom	100.9058238552	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8275.1566551328	Sum of GTIs [s]
livetime	8170.3716388644	Livetime [s]
ontime4	8275.0335351229	Sum of GTIs [s]
ontime5	8275.1156151295	Sum of GTIs [s]
ontime6	8275.0745751262	Sum of GTIs [s]
ontime7	8275.1566551328	Sum of GTIs [s]
ontime8	8274.9924951196	Sum of GTIs [s]
ontime9	8275.1976951361	Sum of GTIs [s]
l2events	342429	Number of level 2 events

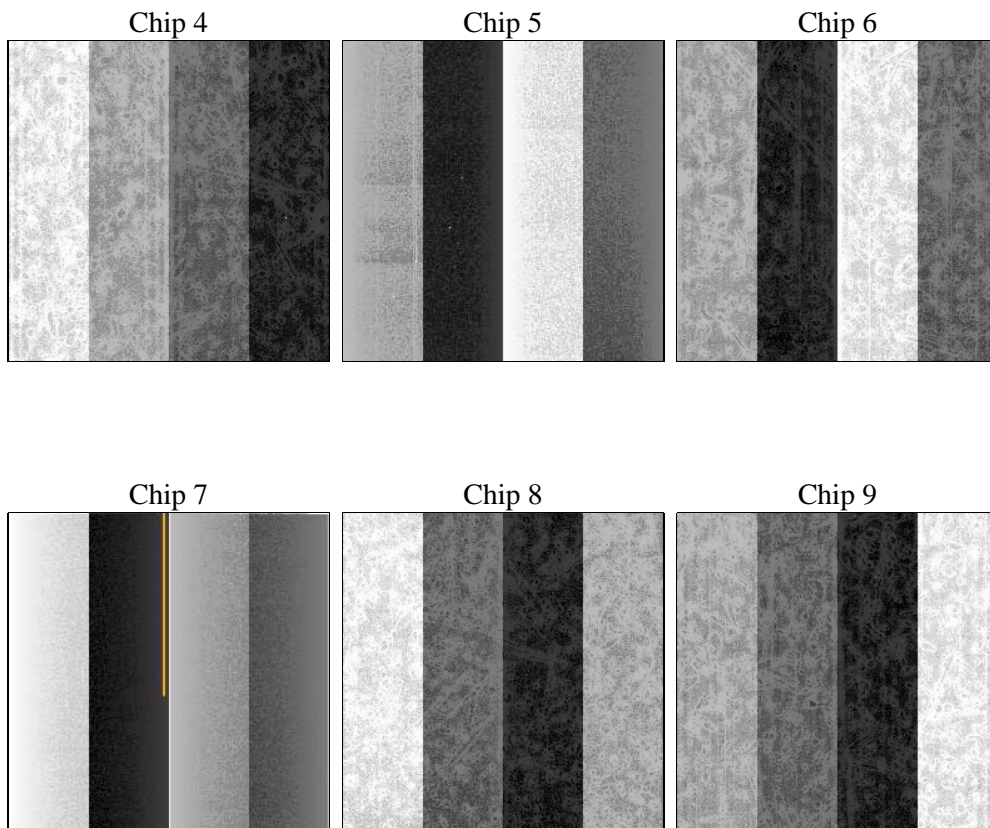
2 OBI

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	8275.1566551328	Sum of GTIs [s]
caldsver	4.4.7	 	ontime4	8275.0335351229	Sum of GTIs [s]
date	2012-02-08T23:31:20	Date and time of file creation	ontime5	8275.1156151295	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8275.0745751262	Sum of GTIs [s]
			ontime7	8275.1566551328	Sum of GTIs [s]
			ontime8	8274.9924951196	Sum of GTIs [s]
			ontime9	8275.1976951361	Sum of GTIs [s]
			l1events	766675	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	116719	148224	115079	140377	131766	114510	grade 0 events	27668	8053	22194	12635	28880	25414
rejected events	68682	65596	64155	60807	70035	64508		23%	5%	19%	9%	21%	22%
rejected %	58%	44%	55%	43%	53%	56%	grade 1 events	268	219	99	112	133	149
								0%	0%	0%	0%	0%	0%
							grade 2 events	7159	30072	13631	17669	12753	9949
								6%	20%	11%	12%	9%	8%
							grade 3 events	3449	3239	2767	6743	4308	3130
								2%	2%	2%	4%	3%	2%
							grade 4 events	3491	3231	2806	6336	4246	3175
								2%	2%	2%	4%	3%	2%
							grade 5 events	3366	6922	3165	8446	4502	3729
								2%	4%	2%	6%	3%	3%
							grade 6 events	6287	38069	9547	36221	11563	8355
								5%	25%	8%	25%	8%	7%
							grade 7 events	65031	58419	60870	52215	65381	60609
								55%	39%	52%	37%	49%	52%

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	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	245.7546875128085	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-7.631867697721424	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	100.9058238552041	[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)	419953662.813671	419953661.78867			
Observation start date	2011-04-23T13:47:43	2011-04-23T13:47:41			
[s] Observation end time (MET)	419963843.114199	419963842.0892			
Observation end date	2011-04-23T16:37:23	2011-04-23T16:37:22			
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)	2012.02.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2751566551328

A.2 Comments