

V&V Reference Report

L2 ASCDS Version : 10.3.3

Observation 51866 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : May 27 2015

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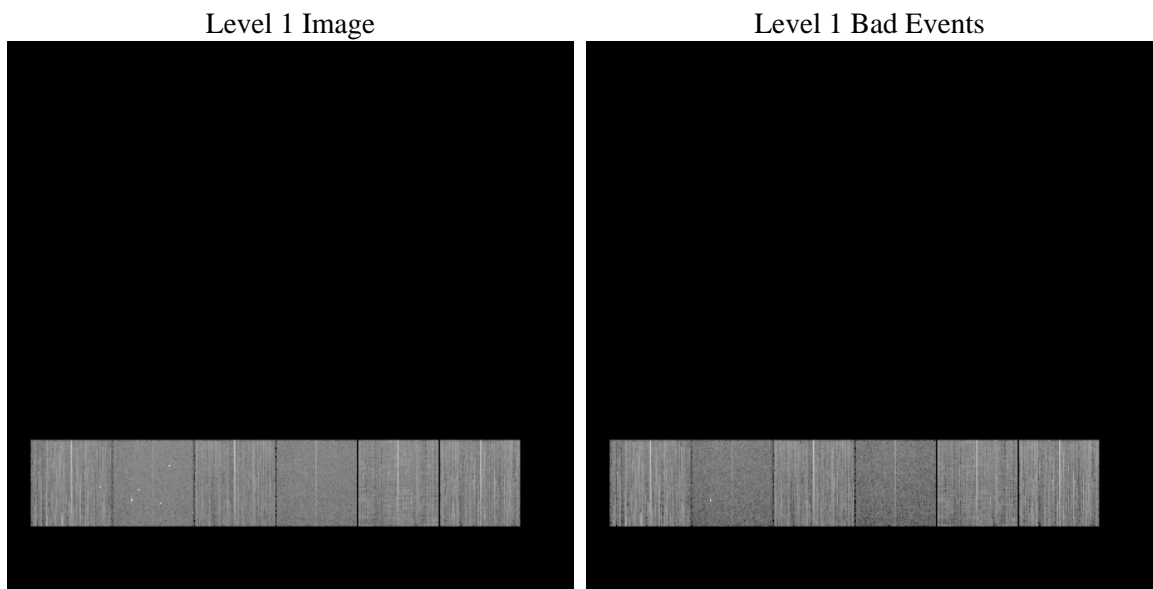
1 Front

seq_num	 	Sequence number
obs_id	51866	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	175.03745370994	Nominal RA [deg]
dec_nom	-57.020392923856	Nominal Dec [deg]
roll_nom	282.0987366142	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8209.9339202642	Sum of GTIs [s]
livetime	8105.9747935371	Livetime [s]
ontime4	8209.8108001947	Sum of GTIs [s]
ontime5	8209.8928802013	Sum of GTIs [s]
ontime6	8209.8518402576	Sum of GTIs [s]
ontime7	8209.9339202642	Sum of GTIs [s]
ontime8	8209.769760251	Sum of GTIs [s]
ontime9	8209.9749602079	Sum of GTIs [s]
l2events	180792	Number of level 2 events

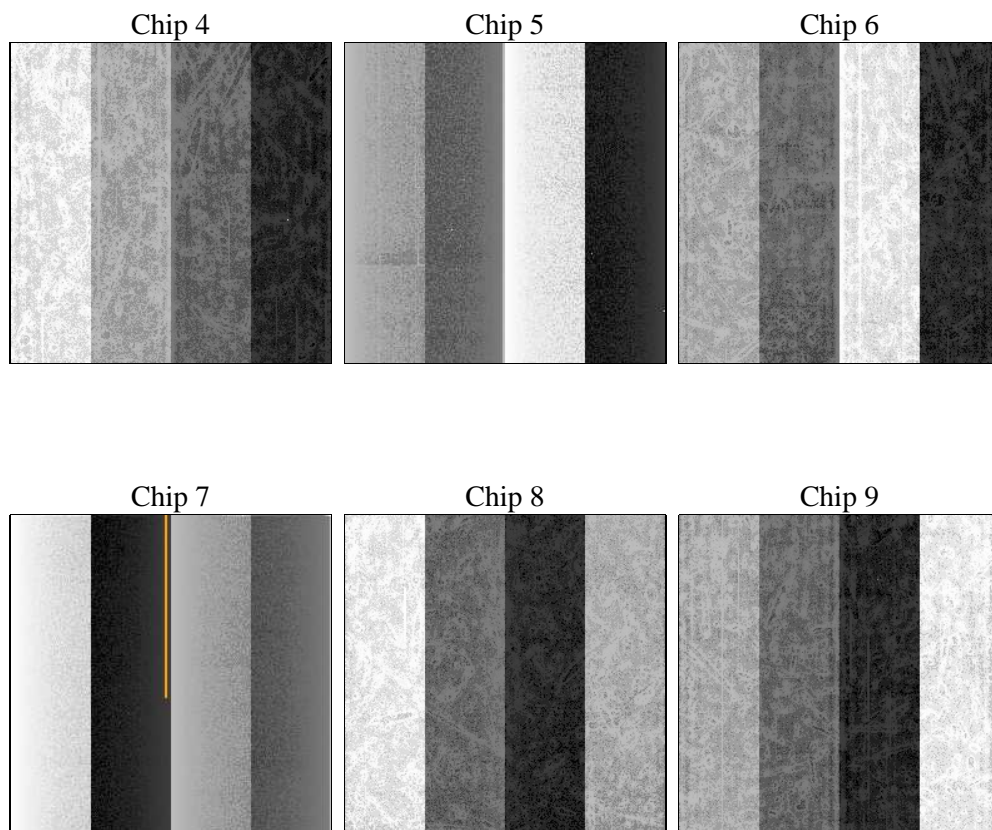
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	10.3.3	Processing system revision	ontime	8209.9339202642	Sum of GTIs [s]
caldsver	4.6.7	 	ontime4	8209.8108001947	Sum of GTIs [s]
date	2015-05-27T13:04:02	Date and time of file creation	ontime5	8209.8928802013	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	8209.8518402576	Sum of GTIs [s]
			ontime7	8209.9339202642	Sum of GTIs [s]
			ontime8	8209.769760251	Sum of GTIs [s]
			ontime9	8209.9749602079	Sum of GTIs [s]
			l1events	867790	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	156388	134288	149427	116172	153185	158330	grade 0 events	13347	9110	10835	5878	13395	10762
rejected events	132085	76347	126557	68034	121352	135831		8%	6%	7%	5%	8%	6%
rejected %	84%	56%	84%	58%	79%	85%	grade 1 events	113	128	60	99	84	73
								0%	0%	0%	0%	0%	0%
							grade 2 events	4523	19481	4945	11882	6943	4574
								2%	14%	3%	10%	4%	2%
							grade 3 events	1609	1798	1516	3761	2485	1630
								1%	1%	1%	3%	1%	1%
							grade 4 events	1681	1719	1564	3662	2466	1610
								1%	1%	1%	3%	1%	1%
							grade 5 events	3255	7726	3166	7631	4227	3513
								2%	5%	2%	6%	2%	2%
							grade 6 events	3149	25875	4020	22980	6550	3932
								2%	19%	2%	19%	4%	2%
							grade 7 events	128711	68451	123321	60279	117035	132236
								82%	50%	82%	51%	76%	83%

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	175.0374537099381	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-57.02039292385575	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	282.0987366141957	[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)	549061042.544652	549061041.51965			
Observation start date	2015-05-26T20:57:23	2015-05-26T20:57:21			
[s] Observation end time (MET)	549073322.045341	549073321.02034			
Observation end date	2015-05-27T00:22:02	2015-05-27T00:22:01			
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)	2015.05.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2099339202642

A.2 Comments