

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56233 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 26 2012

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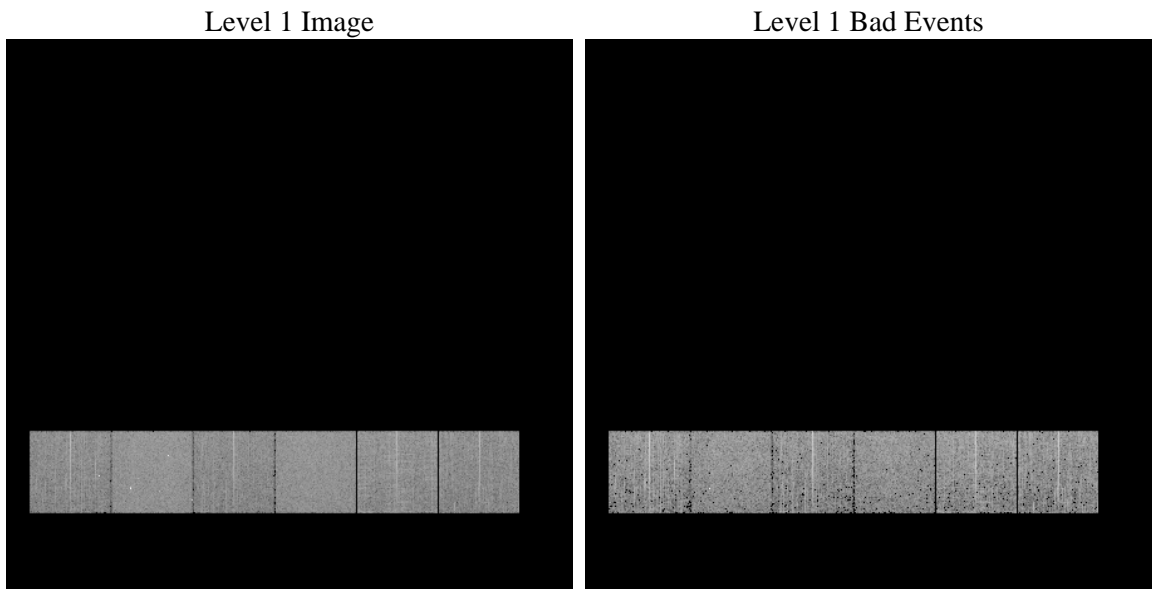
1 Front

seq_num	 	Sequence number
obs_id	56233	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	267.00717093852	Nominal RA [deg]
dec_nom	-8.671942154647	Nominal Dec [deg]
roll_nom	122.49720125885	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3273.5999878645	Sum of GTIs [s]
livetime	3232.1476936929	Livetime [s]
ontime4	3273.5999878645	Sum of GTIs [s]
ontime5	3273.5999878645	Sum of GTIs [s]
ontime6	3273.5999878645	Sum of GTIs [s]
ontime7	3273.5999878645	Sum of GTIs [s]
ontime8	3273.5999878645	Sum of GTIs [s]
ontime9	3273.5999878645	Sum of GTIs [s]
l2events	169723	Number of level 2 events

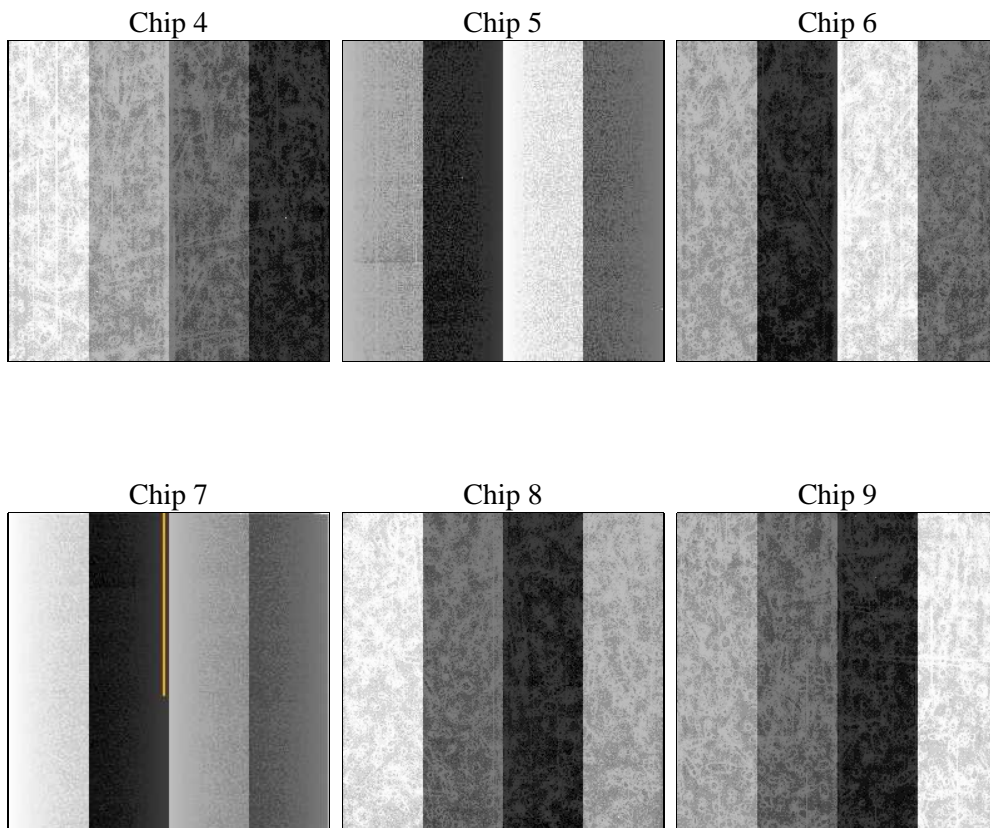
2 OBI

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	8.4.5	Processing system revision	ontime	3273.5999878645	Sum of GTIs [s]
caldsver	4.4.10	 	ontime4	3273.5999878645	Sum of GTIs [s]
date	2012-06-26T14:42:02	Date and time of file creation	ontime5	3273.5999878645	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	3273.5999878645	Sum of GTIs [s]
			ontime7	3273.5999878645	Sum of GTIs [s]
			ontime8	3273.5999878645	Sum of GTIs [s]
			ontime9	3273.5999878645	Sum of GTIs [s]
			l1events	358647	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	55056	68934	52517	65534	62782	53824	grade 0 events	14393	5925	13714	6910	14915	13061
rejected events	30113	28311	26443	26506	31277	29052		26%	8%	26%	10%	23%	24%
rejected %	54%	41%	50%	40%	49%	53%	grade 1 events	143	402	100	62	89	102
								0%	0%	0%	0%	0%	0%
							grade 2 events	3866	14205	4662	8505	6002	4495
								7%	20%	8%	12%	9%	8%
							grade 3 events	1744	1769	1700	3717	2443	1650
								3%	2%	3%	5%	3%	3%
							grade 4 events	1670	1716	1697	3464	2350	1645
								3%	2%	3%	5%	3%	3%
							grade 5 events	1637	3622	1712	4262	2230	1910
								2%	5%	3%	6%	3%	3%
							grade 6 events	3291	17054	4325	16470	5823	3940
								5%	24%	8%	25%	9%	7%
							grade 7 events	28312	24241	24607	22144	28930	27021
								51%	35%	46%	33%	46%	50%

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	267.0071709385245
[deg] Pointing Dec	0	-8.671942154647038
[deg] Pointing Roll	0.0	122.4972012588537
[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)	391363408.092307	391363407.0673
Observation start date	2010-05-27T16:03:28	2010-05-27T16:03:27
[s] Observation end time (MET)	391368772.94258	391368771.91758
Observation end date	2010-05-27T17:32:53	2010-05-27T17:32:51
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	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.07.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.2735999878645

A.2 Comments