

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56216 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 28 2012

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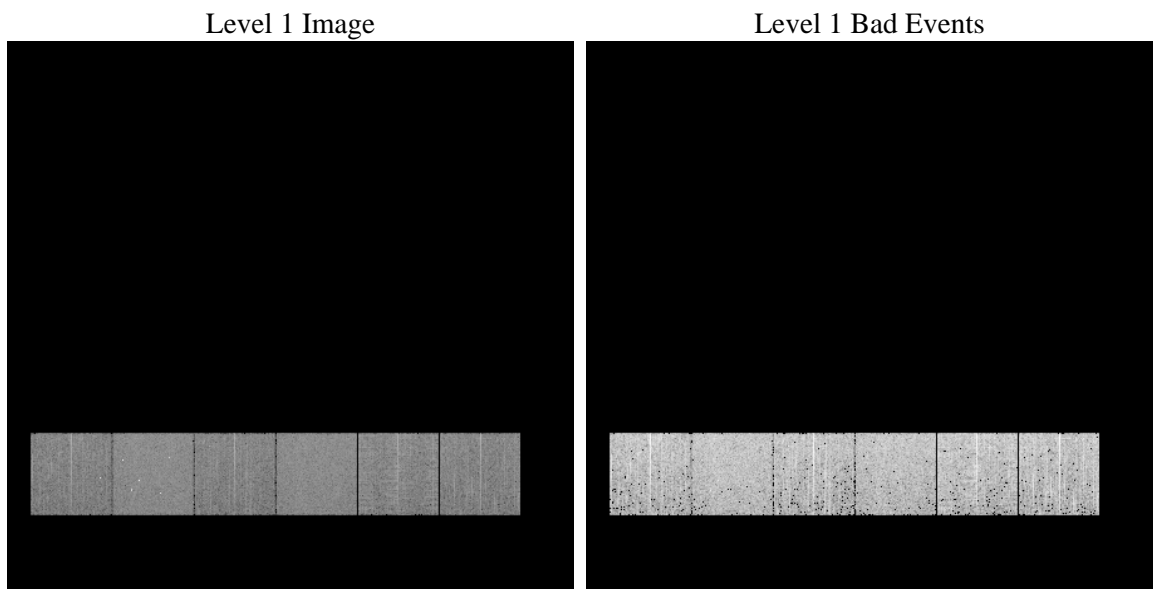
1 Front

seq_num	 	Sequence number
obs_id	56216	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	288.48134647792	Nominal RA [deg]
dec_nom	-24.677319460408	Nominal Dec [deg]
roll_nom	93.703332045592	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3164.7999882698	Sum of GTIs [s]
livetime	3124.7253852046	Livetime [s]
ontime4	3164.7999882698	Sum of GTIs [s]
ontime5	3164.7999882698	Sum of GTIs [s]
ontime6	3164.7999882698	Sum of GTIs [s]
ontime7	3164.7999882698	Sum of GTIs [s]
ontime8	3164.7999882698	Sum of GTIs [s]
ontime9	3164.7999882698	Sum of GTIs [s]
l2events	162715	Number of level 2 events

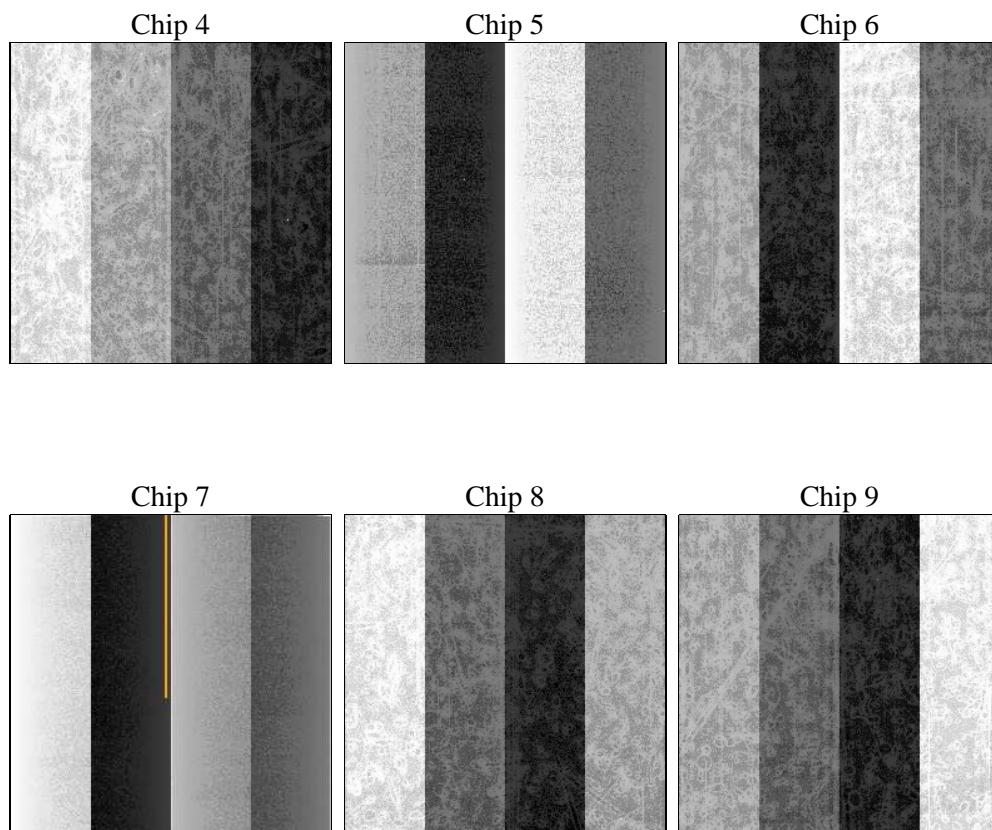
2 OBI

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	8.4.5	Processing system revision	ontime	3164.7999882698	Sum of GTIs [s]
caldsver	4.5.0	 	ontime4	3164.7999882698	Sum of GTIs [s]
date	2012-06-28T03:55:57	Date and time of file creation	ontime5	3164.7999882698	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	3164.7999882698	Sum of GTIs [s]
			ontime7	3164.7999882698	Sum of GTIs [s]
			ontime8	3164.7999882698	Sum of GTIs [s]
			ontime9	3164.7999882698	Sum of GTIs [s]
			l1events	352126	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	52034	68855	52158	64361	60521	54197	grade 0 events	14256	7886	13424	6979	14892	13336
rejected events	28146	28576	27264	27022	30469	29829		27%	11%	25%	10%	24%	24%
rejected %	54%	41%	52%	41%	50%	55%	grade 1 events	144	81	89	51	81	97
								0%	0%	0%	0%	0%	0%
							grade 2 events	3978	13727	4606	8473	5856	4495
								7%	19%	8%	13%	9%	8%
							grade 3 events	1668	1726	1701	3572	2321	1709
								3%	2%	3%	5%	3%	3%
							grade 4 events	1677	1747	1732	3524	2371	1686
								3%	2%	3%	5%	3%	3%
							grade 5 events	1547	3602	1678	4176	2144	1863
								2%	5%	3%	6%	3%	3%
							grade 6 events	3206	16569	4307	16103	5637	4038
								6%	24%	8%	25%	9%	7%
							grade 7 events	25558	23517	24621	21483	27219	26973
								49%	34%	47%	33%	44%	49%

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	288.4813464779202
[deg] Pointing Dec	0	-24.67731946040785
[deg] Pointing Roll	0.0	93.70333204559172
[mm] SIM focus pos	-1.4281808131	-1.4281808131
[mm] SIM defocus	0.1051557500557434	0.1051557500557434
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	392049069.577251	392049069.577251
Observation start date	2010-06-04T14:31:10	2010-06-04T14:31:09
[s] Observation end time (MET)	392053616.977563	392053616.977563
Observation end date	2010-06-04T15:46:57	2010-06-04T15:46:56
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	OVERRIDE	OVERRIDE
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)	2012.07.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.1647999882698

A.2 Comments