

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55629 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 4 2012

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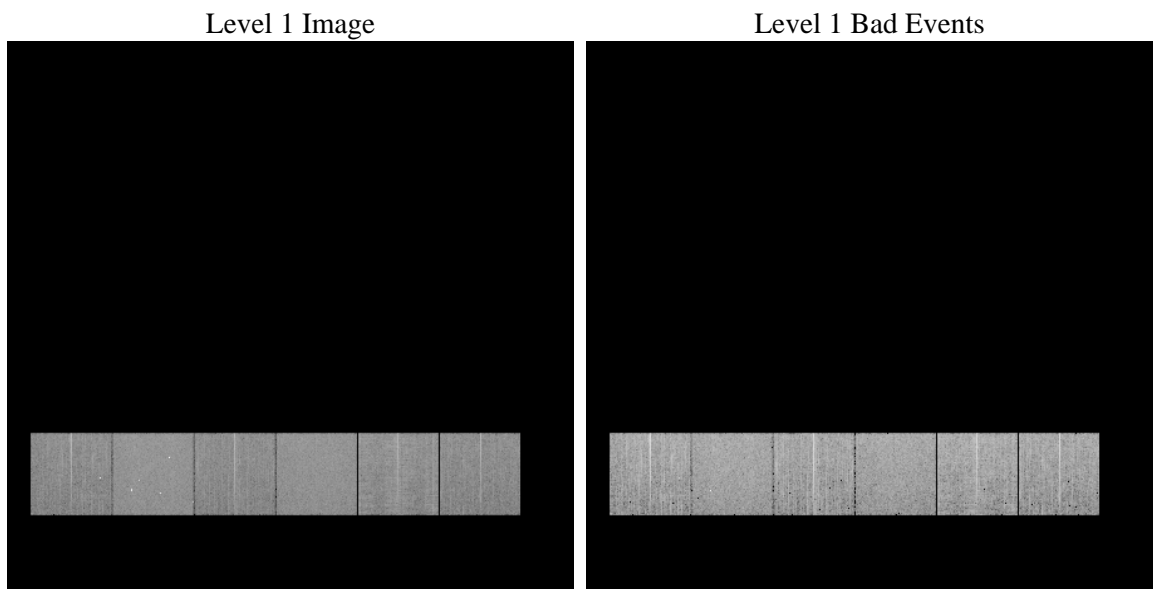
1 Front

seq_num	 	Sequence number
obs_id	55629	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	140.21507462619	Nominal RA [deg]
dec_nom	26.393871460067	Nominal Dec [deg]
roll_nom	226.00614302996	Nominal Roll [deg]
revision	2	Processing version of data
ontime	6340.9476004839	Sum of GTIs [s]
livetime	6260.6547039063	Livetime [s]
ontime4	6340.824480474	Sum of GTIs [s]
ontime5	6340.9065604806	Sum of GTIs [s]
ontime6	6340.8655204773	Sum of GTIs [s]
ontime7	6340.9476004839	Sum of GTIs [s]
ontime8	6340.7834404707	Sum of GTIs [s]
ontime9	6340.9886404872	Sum of GTIs [s]
l2events	286204	Number of level 2 events

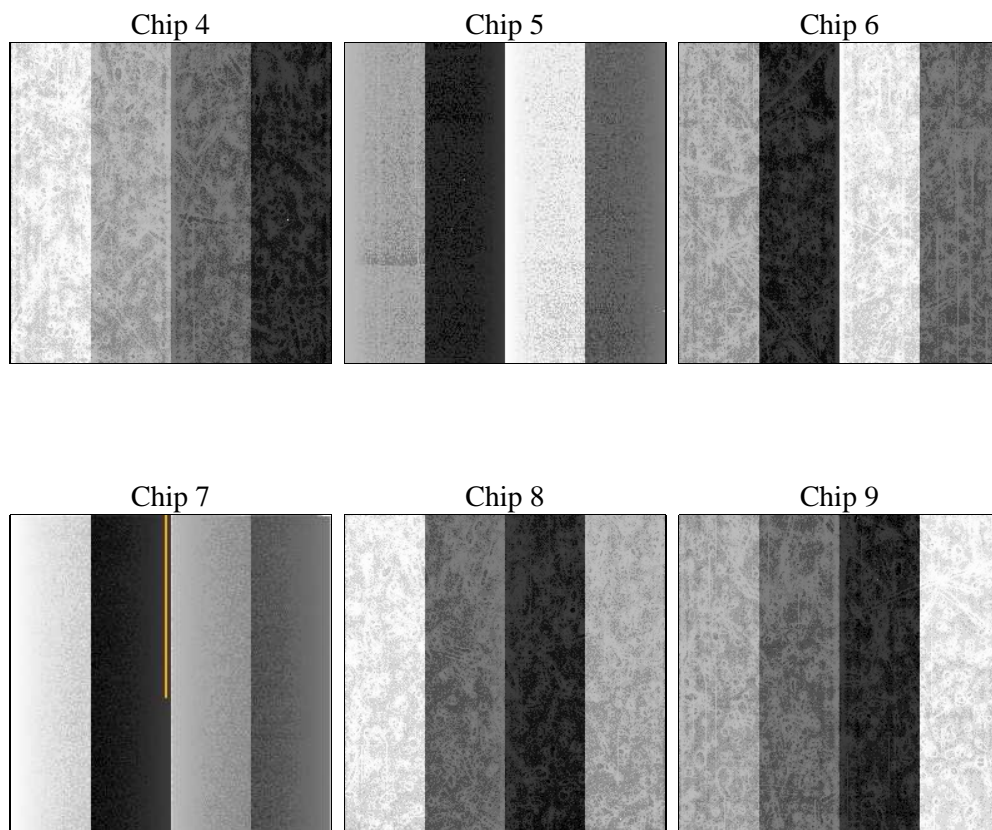
2 OBI

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	6340.9476004839	Sum of GTIs [s]
caldsver	4.4.7	 	ontime4	6340.824480474	Sum of GTIs [s]
date	2012-02-04T21:21:41	Date and time of file creation	ontime5	6340.9065604806	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	6340.8655204773	Sum of GTIs [s]
			ontime7	6340.9476004839	Sum of GTIs [s]
			ontime8	6340.7834404707	Sum of GTIs [s]
			ontime9	6340.9886404872	Sum of GTIs [s]
			l1events	642311	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	96487	126088	96735	117196	112508	93297	grade 0 events	24066	11516	22411	11531	25396	21660
rejected events	55004	53653	54173	50522	58959	52203		24%	9%	23%	9%	22%	23%
rejected %	57%	42%	56%	43%	52%	55%	grade 1 events	230	191	145	116	148	150
								0%	0%	0%	0%	0%	0%
							grade 2 events	6841	24965	7913	14744	10636	7528
								7%	19%	8%	12%	9%	8%
							grade 3 events	2896	3136	2898	6083	4145	2883
								3%	2%	2%	5%	3%	3%
							grade 4 events	2886	3143	2848	6067	3981	2862
								2%	2%	2%	5%	3%	3%
							grade 5 events	3031	7056	3288	7912	4238	3513
								3%	5%	3%	6%	3%	3%
							grade 6 events	5444	30767	7145	29326	10253	6796
								5%	24%	7%	25%	9%	7%
							grade 7 events	51093	45314	50087	41417	53711	47905
								52%	35%	51%	35%	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	140.2150746261949
[deg] Pointing Dec	0	26.39387146006677
[deg] Pointing Roll	0.0	226.0061430299642
[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)	414895098.951493	414895098.951493
Observation start date	2011-02-24T00:38:19	2011-02-24T00:38:18
[s] Observation end time (MET)	414902802.668012	414902802.668012
Observation end date	2011-02-24T02:46:43	2011-02-24T02:46:42
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	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.3409476004839

A.2 Comments