

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61072 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Oct 14 2012

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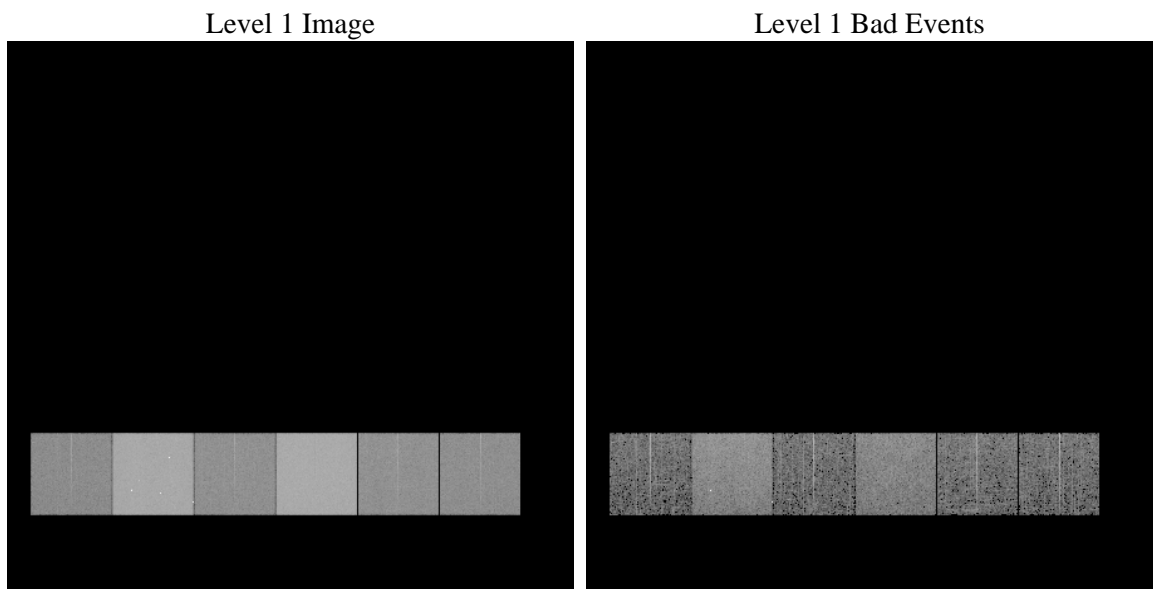
1 Front

seq_num	 	Sequence number
obs_id	61072	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	30.518932312813	Nominal RA [deg]
dec_nom	-38.888299413488	Nominal Dec [deg]
roll_nom	76.497980349785	Nominal Roll [deg]
revision	4	Processing version of data
ontime	7510.6510406435	Sum of GTIs [s]
livetime	7415.5466547957	Livetime [s]
ontime4	2586.0970223844	Sum of GTIs [s]
ontime5	7743.9999711514	Sum of GTIs [s]
ontime6	2890.7130537331	Sum of GTIs [s]
ontime7	7510.6510406435	Sum of GTIs [s]
ontime8	2913.4822541177	Sum of GTIs [s]
ontime9	2769.0982970893	Sum of GTIs [s]
l2events	1193763	Number of level 2 events

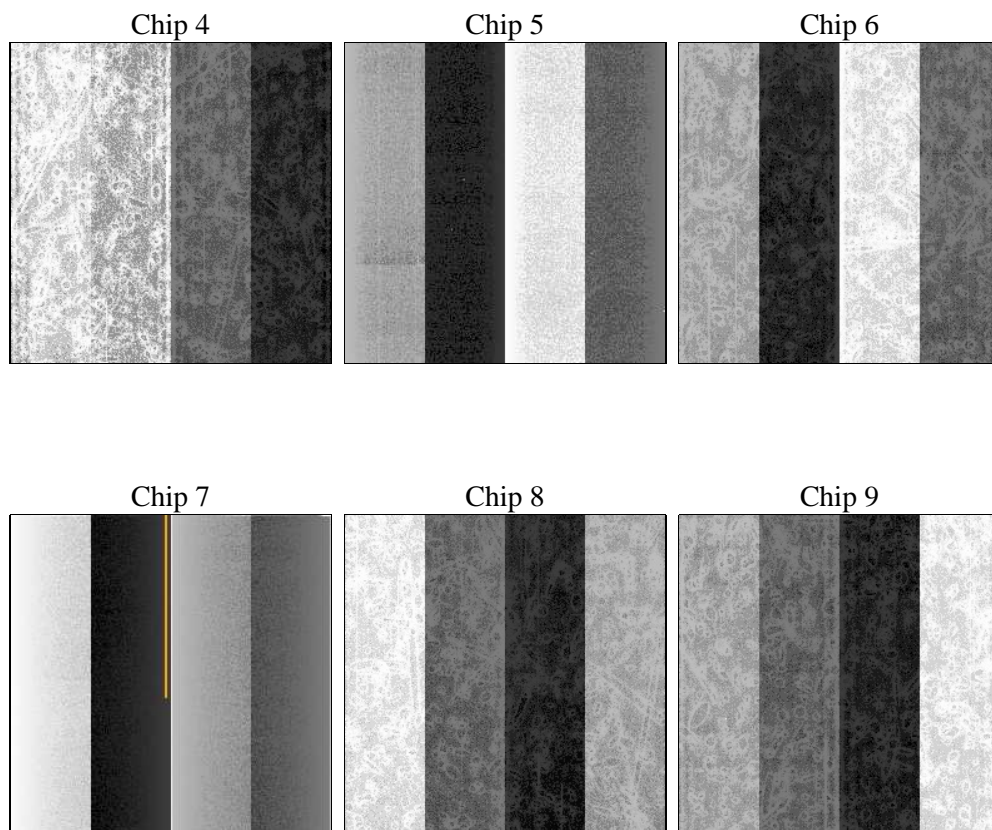
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	2	Obi number	sched_exp_time	8280	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	7510.6510406435	Sum of GTIs [s]
caldbver	4.5.2	 	ontime4	2586.0970223844	Sum of GTIs [s]
date	2012-10-14T03:32:55	Date and time of file creation	ontime5	7743.9999711514	Sum of GTIs [s]
revision	4	Processing version of data	ontime6	2890.7130537331	Sum of GTIs [s]
			ontime7	7510.6510406435	Sum of GTIs [s]
			ontime8	2913.4822541177	Sum of GTIs [s]
			ontime9	2769.0982970893	Sum of GTIs [s]
			l1events	1436732	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	139982	394160	165443	412388	170279	154480	grade 0 events	68740	85347	78323	94216	80390	72987
rejected events	22070	53978	22823	41250	24742	22998		49%	21%	47%	22%	47%	47%
rejected %	15%	13%	13%	10%	14%	14%	grade 1 events	504	433	429	271	395	444
								0%	0%	0%	0%	0%	0%
							grade 2 events	18869	119625	24829	83046	25587	22649
								13%	30%	15%	20%	15%	14%
							grade 3 events	7891	22236	8947	37608	9508	8495
								5%	5%	5%	9%	5%	5%
							grade 4 events	7977	22250	8991	37425	9428	8473
								5%	5%	5%	9%	5%	5%
							grade 5 events	1293	10422	1465	7813	1766	1534
								0%	2%	0%	1%	1%	0%
							grade 6 events	15035	92864	22472	120844	21418	19627
								10%	23%	13%	29%	12%	12%
							grade 7 events	19673	40983	19987	31165	21787	20271
								14%	10%	12%	7%	12%	13%

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	30.51893231281305	30.51893231281305
[deg] Pointing Dec	-38.88829941348768	-38.88829941348768
[deg] Pointing Roll	76.49798034978454	76.49798034978454
[mm] SIM focus pos	-0.68282252473119	-0.68282252473119
[mm] SIM defocus	0.8505140384245534	0.8505140384245534
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	146669517	146669517
Observation start date	2002-08-25T13:50:00	2002-08-25T13:31:56
[s] Observation end time (MET)	146678960	146678960
Observation end date	2002-08-25T16:08:16	2002-08-25T16:09:19
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	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.10.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.5106510406435

A.2 Comments