

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60467 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 8 2012

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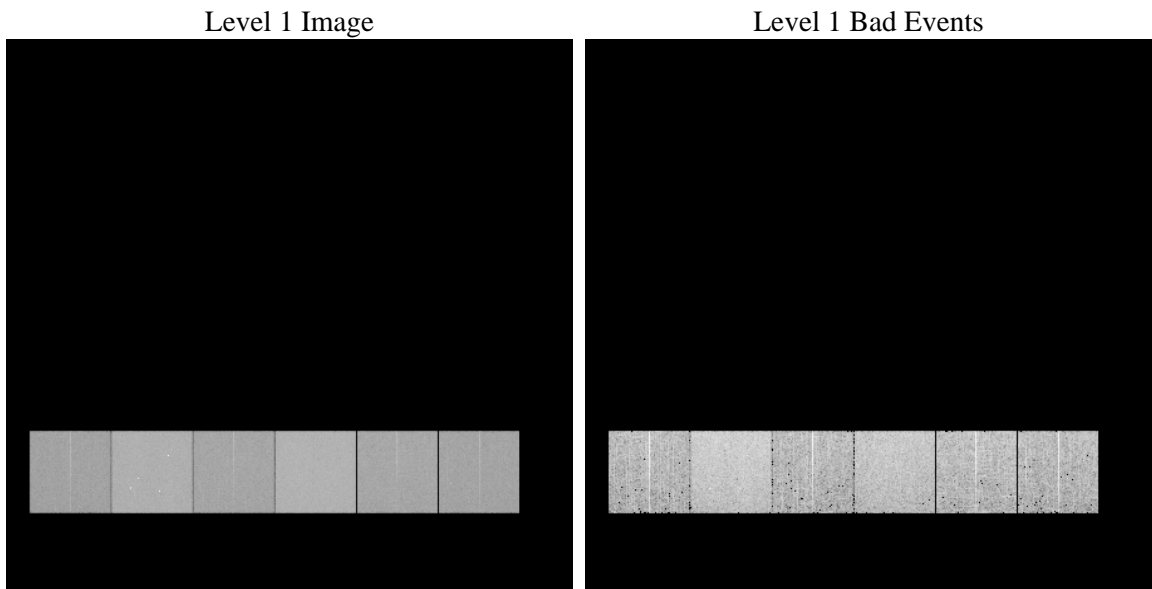
1 Front

seq_num	 	Sequence number
obs_id	60467	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	235.02735413465	Nominal RA [deg]
dec_nom	40.019484085415	Nominal Dec [deg]
roll_nom	10.069425023314	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8350.840254426	Sum of GTIs [s]
livetime	8245.0968868521	Livetime [s]
ontime4	5010.6174061894	Sum of GTIs [s]
ontime5	8350.7992144227	Sum of GTIs [s]
ontime6	5330.1791999638	Sum of GTIs [s]
ontime7	8350.840254426	Sum of GTIs [s]
ontime8	5479.1817105711	Sum of GTIs [s]
ontime9	5171.4953658581	Sum of GTIs [s]
l2events	1238961	Number of level 2 events

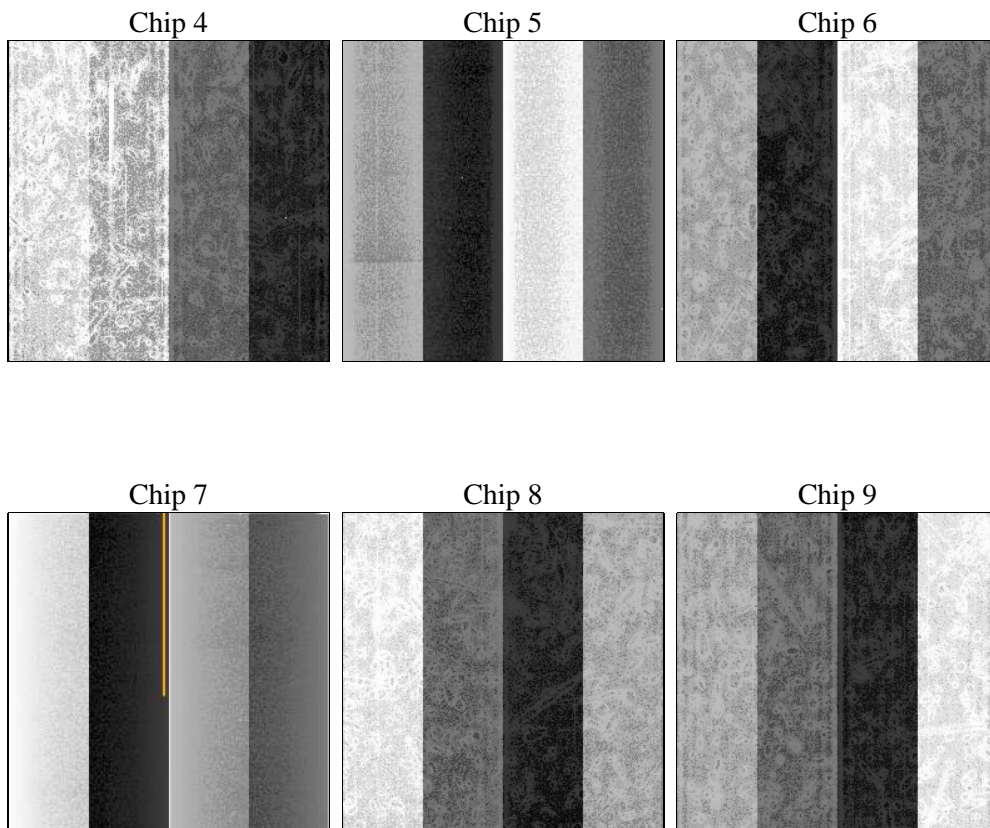
2 OBI

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	8350.840254426	Sum of GTIs [s]
caldbver	4.5.2	 	ontime4	5010.6174061894	Sum of GTIs [s]
date	2012-11-08T12:13:58	Date and time of file creation	ontime5	8350.7992144227	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	5330.1791999638	Sum of GTIs [s]
			ontime7	8350.840254426	Sum of GTIs [s]
			ontime8	5479.1817105711	Sum of GTIs [s]
			ontime9	5171.4953658581	Sum of GTIs [s]
			l1events	1535820	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	200612	317459	225398	344273	236087	211991	grade 0 events	98723	61666	107269	76171	110999	100877
rejected events	32769	52162	32516	43082	36935	32462		49%	19%	47%	22%	47%	47%
rejected %	16%	16%	14%	12%	15%	15%	grade 1 events	621	182	505	194	512	467
								0%	0%	0%	0%	0%	0%
							grade 2 events	27180	98248	33620	67224	35164	31083
								13%	30%	14%	19%	14%	14%
							grade 3 events	11016	15778	12037	30449	12968	11572
								5%	4%	5%	8%	5%	5%
							grade 4 events	11095	15545	11983	30479	12967	11628
								5%	4%	5%	8%	5%	5%
							grade 5 events	1992	8298	2254	7412	2629	2308
								0%	2%	1%	2%	1%	1%
							grade 6 events	21579	77700	30736	101123	29745	27088
								10%	24%	13%	29%	12%	12%
							grade 7 events	28406	40042	26994	31221	31103	26968
								14%	12%	11%	9%	13%	12%

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	235.0273541346489
[deg] Pointing Dec	0	40.0194840854149
[deg] Pointing Roll	0.0	10.0694250233143
[mm] SIM focus pos	-0.684267	-0.6828225247311905
[mm] SIM defocus	0	0.8505141146731063
[mm] SIM translation stage pos	-190.132523	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	186454757.361507	186454756.3368
Observation start date	2003-11-29T00:59:17	2003-11-29T00:59:16
[s] Observation end time (MET)	186477299.162484	186477298.13778
Observation end date	2003-11-29T07:14:59	2003-11-29T07:14:58
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	0.000000	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)	2012.12.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.350840254426

A.2 Comments