

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60426 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Nov 10 2012

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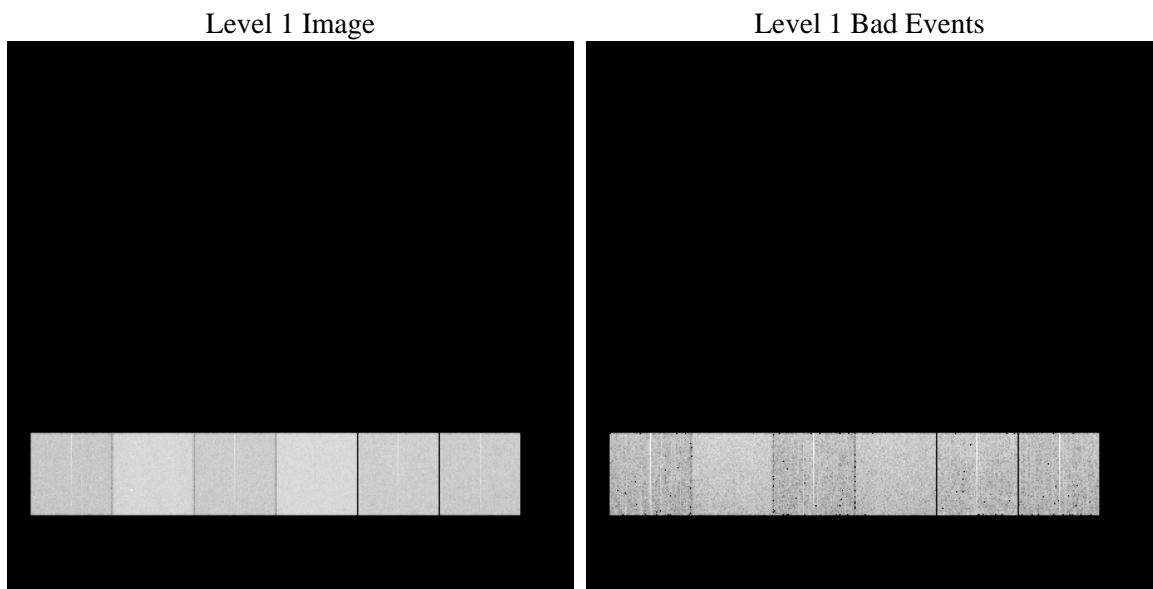
1 Front

seq_num	 	Sequence number
obs_id	60426	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	30.651068928711	Nominal RA [deg]
dec_nom	-38.750461385185	Nominal Dec [deg]
roll_nom	299.08387125498	Nominal Roll [deg]
revision	4	Processing version of data
ontime	8355.0581697822	Sum of GTIs [s]
livetime	8249.2613924243	Livetime [s]
ontime4	4822.2772703767	Sum of GTIs [s]
ontime5	8355.0171297789	Sum of GTIs [s]
ontime6	5224.5235009789	Sum of GTIs [s]
ontime7	8355.0581697822	Sum of GTIs [s]
ontime8	5428.3001182973	Sum of GTIs [s]
ontime9	5110.8895163834	Sum of GTIs [s]
l2events	1211586	Number of level 2 events

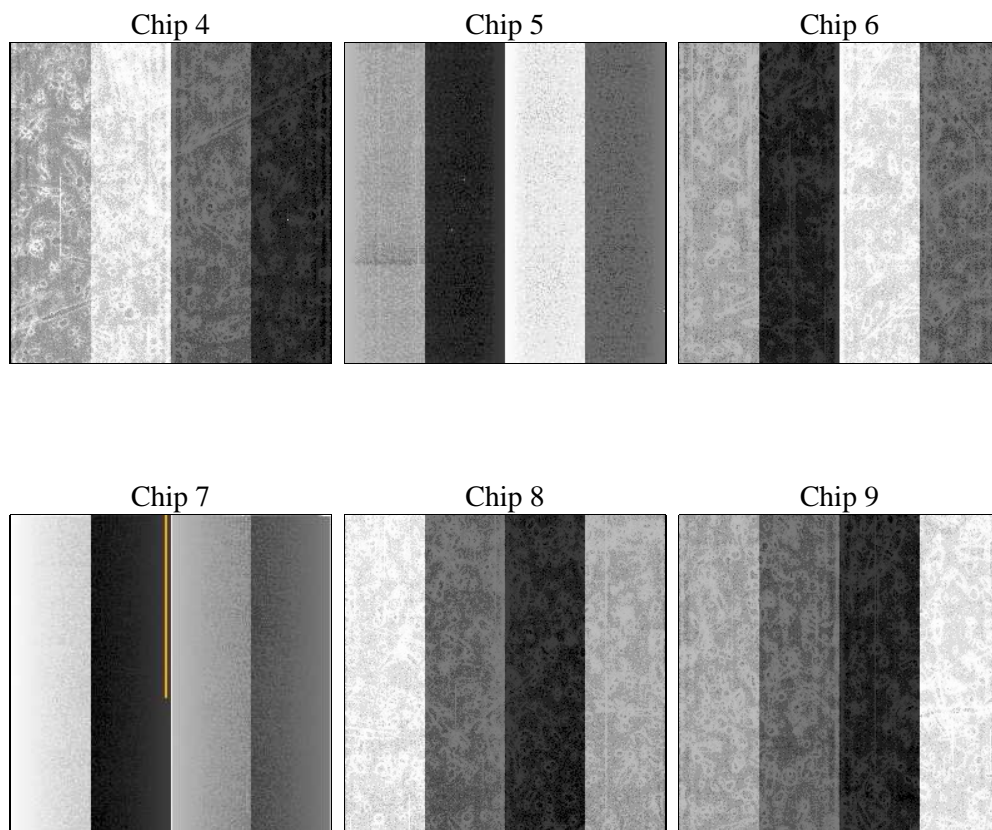
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	900	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	8355.0581697822	Sum of GTIs [s]
caldbver	4.5.2	 	ontime4	4822.2772703767	Sum of GTIs [s]
date	2012-11-10T04:45:04	Date and time of file creation	ontime5	8355.0171297789	Sum of GTIs [s]
revision	4	Processing version of data	ontime6	5224.5235009789	Sum of GTIs [s]
			ontime7	8355.0581697822	Sum of GTIs [s]
			ontime8	5428.3001182973	Sum of GTIs [s]
			ontime9	5110.8895163834	Sum of GTIs [s]
			l1events	1533369	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	193857	321514	220990	349289	236519	211200	grade 0 events	92365	61909	101986	75107	107666	97395
rejected events	36425	56613	37083	48535	42368	37208		47%	19%	46%	21%	45%	46%
rejected %	18%	17%	16%	13%	17%	17%	grade 1 events	598	205	471	180	482	533
								0%	0%	0%	0%	0%	0%
							grade 2 events	25181	95349	32132	67258	34368	30034
								12%	29%	14%	19%	14%	14%
							grade 3 events	10862	16877	11468	30457	12784	11337
								5%	5%	5%	8%	5%	5%
							grade 4 events	10536	16540	11532	30427	12957	11199
								5%	5%	5%	8%	5%	5%
							grade 5 events	2083	8960	2483	8340	2960	2508
								1%	2%	1%	2%	1%	1%
							grade 6 events	20312	77577	29269	101369	28805	26160
								10%	24%	13%	29%	12%	12%
							grade 7 events	31920	44097	31649	36151	36497	32034
								16%	13%	14%	10%	15%	15%

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	30.65110367632505	30.65106892871091
[deg] Pointing Dec	-38.75033075889405	-38.7504613851851
[deg] Pointing Roll	299.0838937062178	299.0838712549778
[mm] SIM focus pos	-0.78090834371673	-0.78090834371673
[mm] SIM defocus	0.7524282194390134	0.7524282194390134
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	189438155.291125	189438155.291125
Observation start date	2004-01-02T13:41:31	2004-01-02T13:42:35
[s] Observation end time (MET)	189447406.465139	189447406.465139
Observation end date	2004-01-02T13:57:00	2004-01-02T16:16:46
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)	2012.12.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.3550581697822

A.2 Comments