

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 60628 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Mar 1 2013

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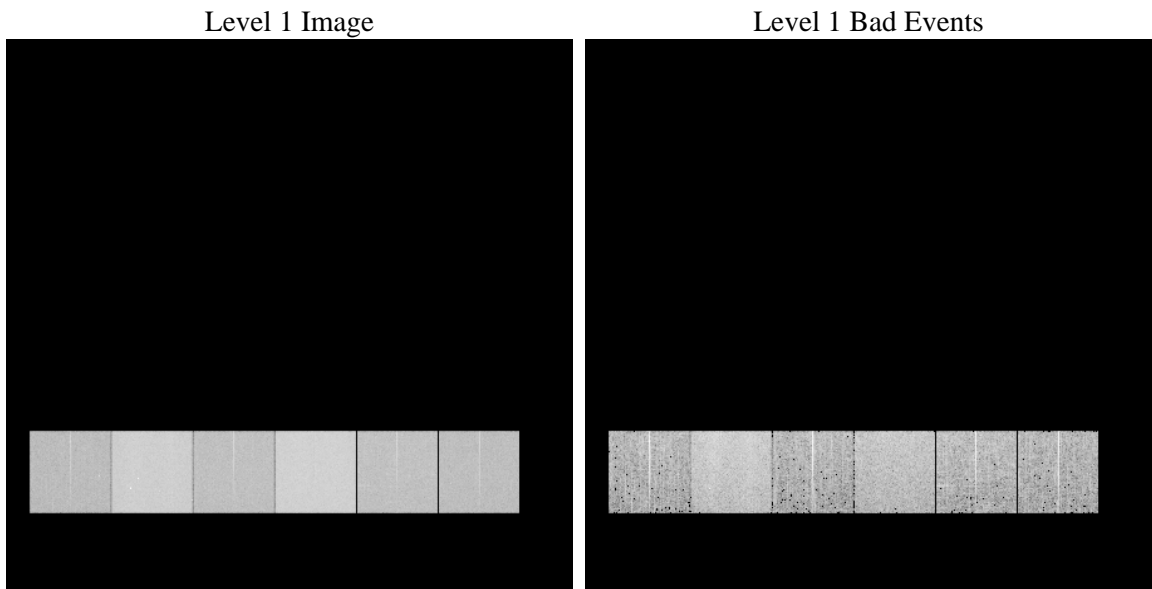
1 Front

seq_num	 	Sequence number
obs_id	60628	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	267.8324109035	Nominal RA [deg]
dec_nom	-41.214812623845	Nominal Dec [deg]
roll_nom	296.13190087579	Nominal Roll [deg]
revision	4	Processing version of data
ontime	8458.5008525848	Sum of GTIs [s]
livetime	8351.3942216917	Livetime [s]
ontime4	4238.8683978915	Sum of GTIs [s]
ontime5	8460.7999684811	Sum of GTIs [s]
ontime6	4655.8922553062	Sum of GTIs [s]
ontime7	8458.5008525848	Sum of GTIs [s]
ontime8	4695.8894638717	Sum of GTIs [s]
ontime9	4452.6104469895	Sum of GTIs [s]
l2events	1240465	Number of level 2 events

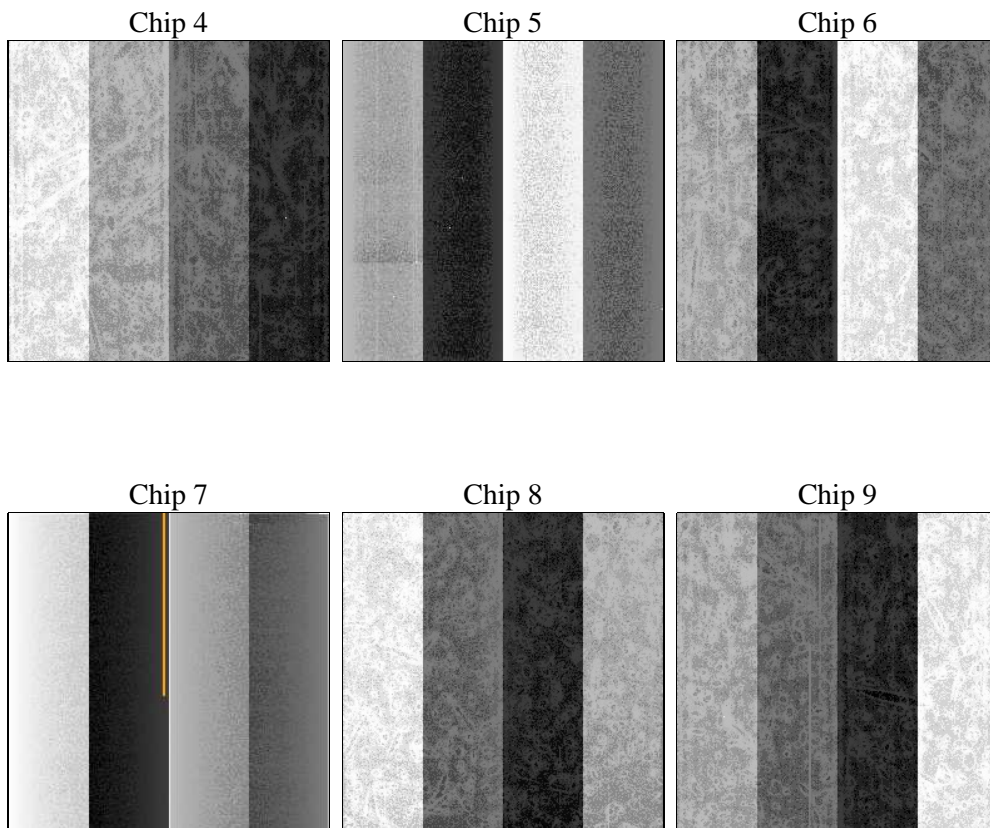
2 OBI

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	8.5.1.1	Processing system revision	ontime	8458.5008525848	Sum of GTIs [s]
caldsver	4.5.6	 	ontime4	4238.8683978915	Sum of GTIs [s]
date	2013-03-01T20:11:51	Date and time of file creation	ontime5	8460.7999684811	Sum of GTIs [s]
revision	4	Processing version of data	ontime6	4655.8922553062	Sum of GTIs [s]
			ontime7	8458.5008525848	Sum of GTIs [s]
			ontime8	4695.8894638717	Sum of GTIs [s]
			ontime9	4452.6104469895	Sum of GTIs [s]
			l1events	1537261	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	183131	346723	211745	378020	221073	196569	grade 0 events	89847	53012	96593	81025	102348	93122
rejected events	32538	58742	32406	45235	36063	30909		49%	15%	45%	21%	46%	47%
rejected %	17%	16%	15%	11%	16%	15%	grade 1 events	607	209	430	199	475	476
								0%	0%	0%	0%	0%	0%
							grade 2 events	21544	117620	32326	73697	31390	26957
								11%	33%	15%	19%	14%	13%
							grade 3 events	10143	14465	10950	32975	12160	10416
								5%	4%	5%	8%	5%	5%
							grade 4 events	10171	13738	10808	32558	11919	10455
								5%	3%	5%	8%	5%	5%
							grade 5 events	1926	9158	2209	8283	2462	2173
								1%	2%	1%	2%	1%	1%
							grade 6 events	18888	89146	28662	112530	27193	24710
								10%	25%	13%	29%	12%	12%
							grade 7 events	30005	49375	29767	36753	33126	28260
								16%	14%	14%	9%	14%	14%

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	267.8324109034983
[deg] Pointing Dec	0	-41.2148126238446
[deg] Pointing Roll	0.0	296.1319008757948
[mm] SIM focus pos	-0.684267	-0.7809083437167272
[mm] SIM defocus	0	0.7524282956875696
[mm] SIM translation stage pos	-190.132523	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	175257732.730511	175257731.70579
Observation start date	2003-07-22T10:42:13	2003-07-22T10:42:11
[s] Observation end time (MET)	175281422.531522	175281421.5068
Observation end date	2003-07-22T17:17:03	2003-07-22T17:17:01
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)	2013.03.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4585008525848

A.2 Comments