

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61909 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 5 2012

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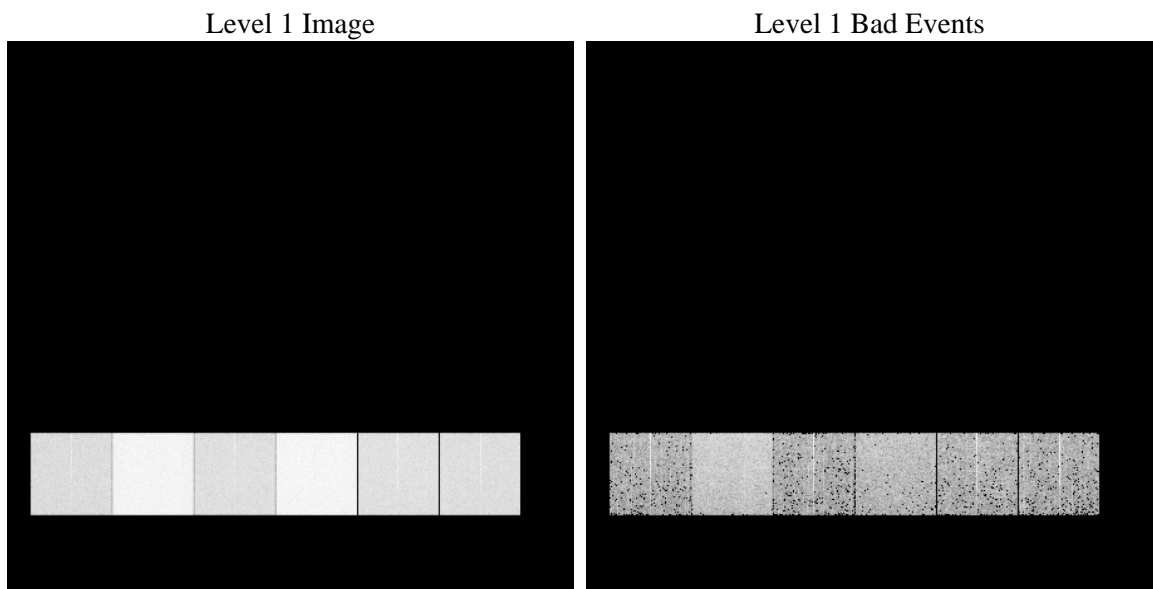
1 Front

seq_num	 	Sequence number
obs_id	61909	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	327.92804392393	Nominal RA [deg]
dec_nom	-42.327789280942	Nominal Dec [deg]
roll_nom	315.97538696776	Nominal Roll [deg]
revision	3	Processing version of data
ontime	4932.8644433916	Sum of GTIs [s]
livetime	4870.401543595	Livetime [s]
ontime4	2058.0589092225	Sum of GTIs [s]
ontime5	5321.7402376384	Sum of GTIs [s]
ontime6	2203.9054496586	Sum of GTIs [s]
ontime7	4932.8644433916	Sum of GTIs [s]
ontime8	2271.967339322	Sum of GTIs [s]
ontime9	2187.7003792971	Sum of GTIs [s]
l2events	1356684	Number of level 2 events

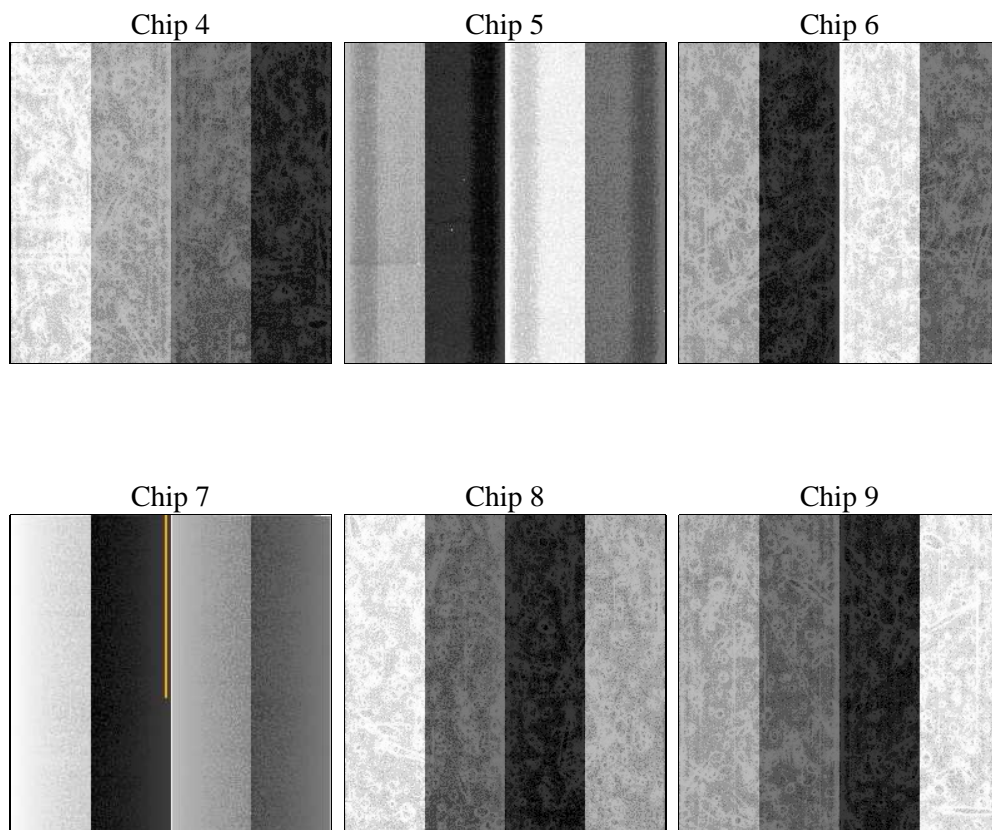
2 OBI

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	8.4.5	Processing system revision	ontime	4932.8644433916	Sum of GTIs [s]
caldbver	4.5.1.1	 	ontime4	2058.0589092225	Sum of GTIs [s]
date	2012-09-05T15:12:40	Date and time of file creation	ontime5	5321.7402376384	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	2203.9054496586	Sum of GTIs [s]
			ontime7	4932.8644433916	Sum of GTIs [s]
			ontime8	2271.967339322	Sum of GTIs [s]
			ontime9	2187.7003792971	Sum of GTIs [s]
			l1events	1554937	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	170053	395888	192919	410383	200440	185254	grade 0 events	85848	80174	95865	98358	100079	92104
rejected events	18896	41123	18210	25732	20162	17904		50%	20%	49%	23%	49%	49%
rejected %	11%	10%	9%	6%	10%	9%	grade 1 events	460	210	491	311	461	475
								0%	0%	0%	0%	0%	0%
							grade 2 events	26916	134614	30010	85014	31815	29274
								15%	34%	15%	20%	15%	15%
							grade 3 events	9158	21179	10590	39133	11204	10204
								5%	5%	5%	9%	5%	5%
							grade 4 events	9114	21082	10871	38889	11265	10214
								5%	5%	5%	9%	5%	5%
							grade 5 events	1278	8052	1491	5731	1533	1393
								0%	2%	0%	1%	0%	0%
							grade 6 events	20370	97910	27613	123488	26169	25554
								11%	24%	14%	30%	13%	13%
							grade 7 events	16909	32667	15988	19459	17914	16036
								9%	8%	8%	4%	8%	8%

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	327.9280439239309
[deg] Pointing Dec	0	-42.32778928094249
[deg] Pointing Roll	0.0	315.9753869677551
[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)	86166774.78300001	86166774.014761
Observation start date	2000-09-24T07:12:55	2000-09-24T07:12:54
[s] Observation end time (MET)	86177285.134	86177284.36515699
Observation end date	2000-09-24T10:08:05	2000-09-24T10:08:04
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)	2012.09.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.9328644433916

A.2 Comments