

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61917 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Sep 1 2012

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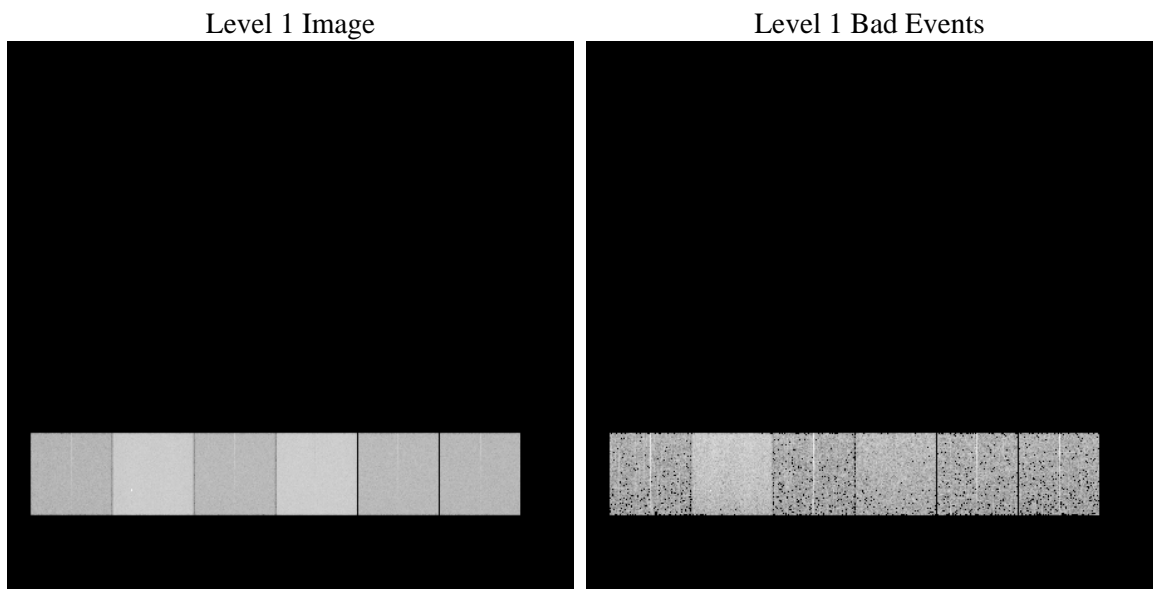
1 Front

seq_num	 	Sequence number
obs_id	61917	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	327.92850692128	Nominal RA [deg]
dec_nom	-42.325769249809	Nominal Dec [deg]
roll_nom	320.03546488113	Nominal Roll [deg]
revision	4	Processing version of data
ontime	4816.8718160838	Sum of GTIs [s]
livetime	4755.8776847765	Livetime [s]
ontime4	2071.6075808108	Sum of GTIs [s]
ontime5	5186.3017487079	Sum of GTIs [s]
ontime6	2295.2802506238	Sum of GTIs [s]
ontime7	4816.8718160838	Sum of GTIs [s]
ontime8	2291.9569811225	Sum of GTIs [s]
ontime9	2223.3516397029	Sum of GTIs [s]
l2events	1365089	Number of level 2 events

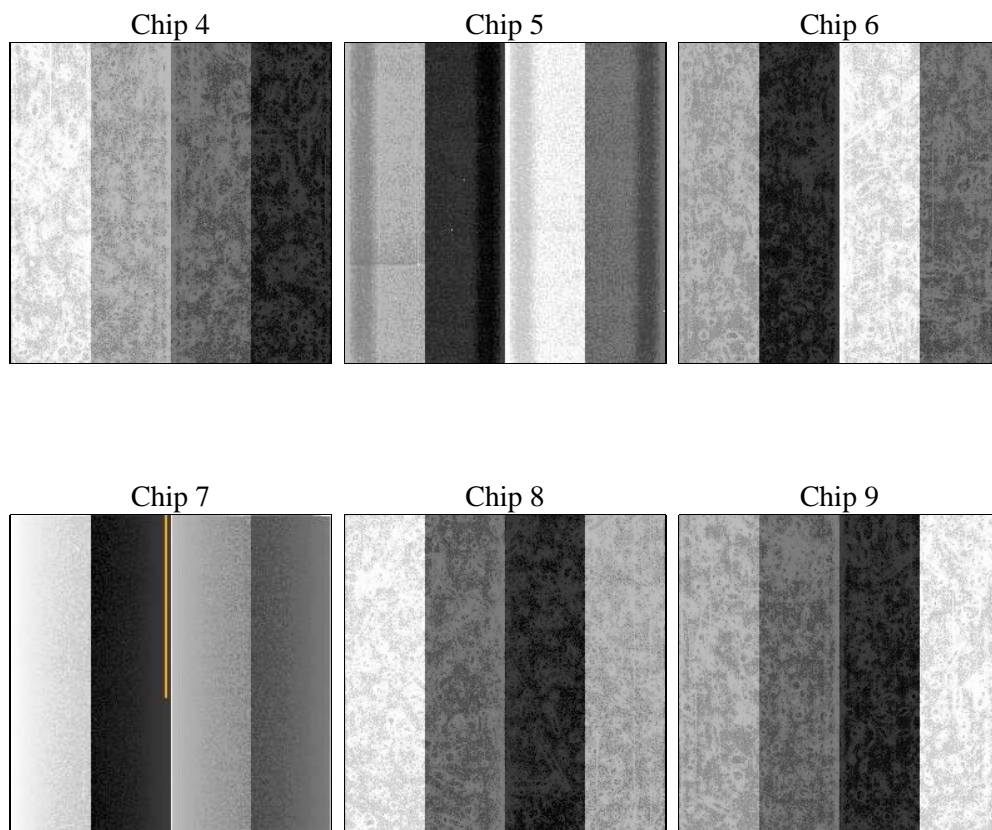
2 OBI

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	4816.8718160838	Sum of GTIs [s]
caldbver	4.5.1.1	 	ontime4	2071.6075808108	Sum of GTIs [s]
date	2012-09-01T23:12:46	Date and time of file creation	ontime5	5186.3017487079	Sum of GTIs [s]
revision	4	Processing version of data	ontime6	2295.2802506238	Sum of GTIs [s]
			ontime7	4816.8718160838	Sum of GTIs [s]
			ontime8	2291.9569811225	Sum of GTIs [s]
			ontime9	2223.3516397029	Sum of GTIs [s]
			l1events	1556074	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	172165	387266	202220	401932	203234	189257	grade 0 events	86751	77635	101291	97164	102636	94898
rejected events	18399	38504	17650	22689	18398	17084		50%	20%	50%	24%	50%	50%
rejected %	10%	9%	8%	5%	9%	9%	grade 1 events	404	225	473	227	450	481
								0%	0%	0%	0%	0%	0%
							grade 2 events	28271	134534	31859	83653	32445	30598
								16%	34%	15%	20%	15%	16%
							grade 3 events	9010	20371	11229	38313	11480	10430
								5%	5%	5%	9%	5%	5%
							grade 4 events	9061	19988	11255	37885	11525	10519
								5%	5%	5%	9%	5%	5%
							grade 5 events	1233	7671	1427	4974	1428	1326
								0%	1%	0%	1%	0%	0%
							grade 6 events	20899	96465	29213	122472	27003	25728
								12%	24%	14%	30%	13%	13%
							grade 7 events	16536	30377	15473	17244	16267	15277
								9%	7%	7%	4%	8%	8%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-456789	ACIS-456789	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	327.9285069212837	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-42.32576924980944	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	320.035464881131			
[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)	85705910.16599999	85705909.39741801			
Observation start date	2000-09-18T23:11:50	2000-09-18T23:11:49			
[s] Observation end time (MET)	85716420.516	85716419.747813			
Observation end date	2000-09-19T02:07:01	2000-09-19T02:06:59			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.09.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.8168718160838

A.2 Comments