

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61430 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 26 2012

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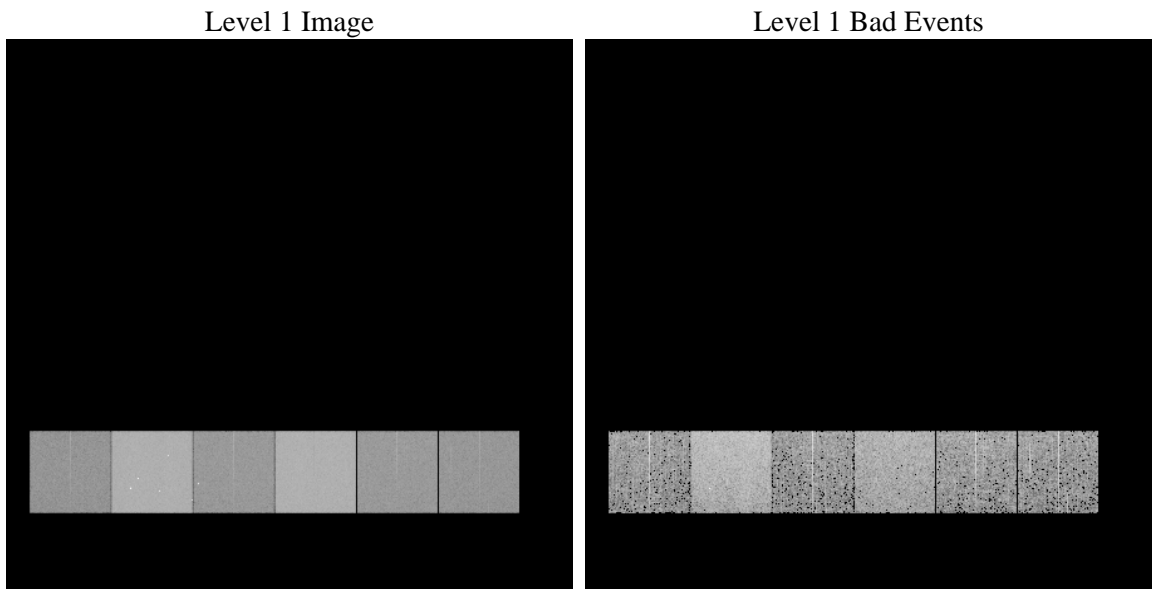
1 Front

seq_num	 	Sequence number
obs_id	61430	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	139.9907621873	Nominal RA [deg]
dec_nom	60.028293281621	Nominal Dec [deg]
roll_nom	66.669299497461	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5950.4939775169	Sum of GTIs [s]
livetime	5875.1452398163	Livetime [s]
ontime4	2288.1718020141	Sum of GTIs [s]
ontime5	6367.3763220906	Sum of GTIs [s]
ontime6	2524.7676017284	Sum of GTIs [s]
ontime7	5950.4939775169	Sum of GTIs [s]
ontime8	2570.1420818269	Sum of GTIs [s]
ontime9	2430.7775216699	Sum of GTIs [s]
l2events	1220436	Number of level 2 events

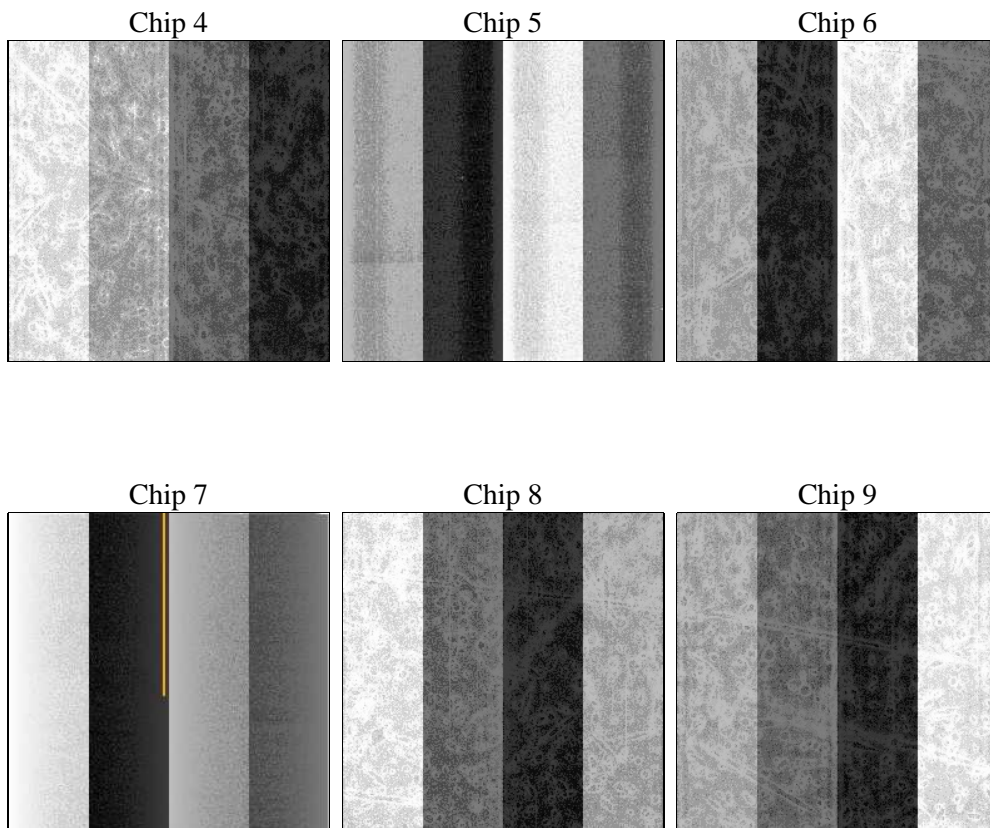
2 OBI

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	5950.4939775169	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime4	2288.1718020141	Sum of GTIs [s]
date	2012-09-26T05:20:19	Date and time of file creation	ontime5	6367.3763220906	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	2524.7676017284	Sum of GTIs [s]
			ontime7	5950.4939775169	Sum of GTIs [s]
			ontime8	2570.1420818269	Sum of GTIs [s]
			ontime9	2430.7775216699	Sum of GTIs [s]
			l1events	1424741	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	147155	380526	173247	387400	177292	159121	grade 0 events	72844	88784	84275	90987	86498	77433
rejected events	18289	42073	18091	30131	20535	18252		49%	23%	48%	23%	48%	48%
rejected %	12%	11%	10%	7%	11%	11%	grade 1 events	401	398	383	245	402	389
								0%	0%	0%	0%	0%	0%
							grade 2 events	22900	115897	27422	79276	27927	24886
								15%	30%	15%	20%	15%	15%
							grade 3 events	7816	22886	9464	36377	9798	8562
								5%	6%	5%	9%	5%	5%
							grade 4 events	7997	22446	9633	36233	9942	8781
								5%	5%	5%	9%	5%	5%
							grade 5 events	1229	8154	1374	6296	1611	1351
								0%	2%	0%	1%	0%	0%
							grade 6 events	17309	88440	24362	114396	22592	21207
								11%	23%	14%	29%	12%	13%
							grade 7 events	16659	33521	16334	23590	18522	16512
								11%	8%	9%	6%	10%	10%

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	139.9907621872994	Alternating exposures requested	N	N
[deg] Pointing Dec	0	60.02829328162125	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	66.66929949746108			
[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)	120392145.209	120392144.44097			
Observation start date	2001-10-25T10:15:45	2001-10-25T10:15:44			
[s] Observation end time (MET)	120402188.16	120402187.39137			
Observation end date	2001-10-25T13:03:08	2001-10-25T13:03:07			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.09.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.9504939775169

A.2 Comments