

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61248 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 4 2012

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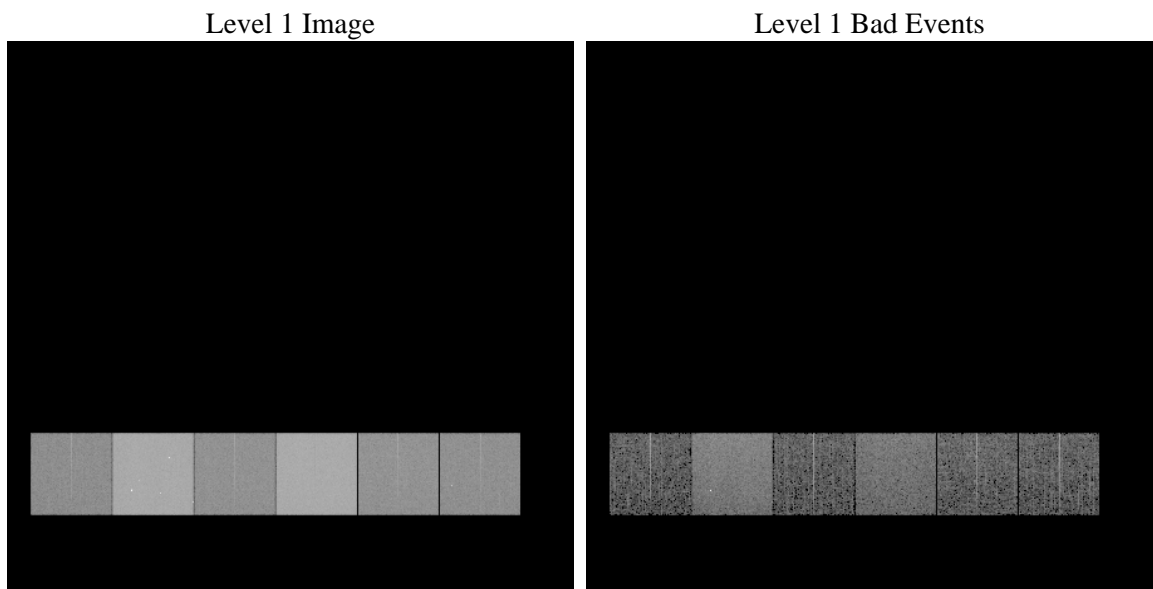
1 Front

seq_num	 	Sequence number
obs_id	61248	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	190.02526698683	Nominal RA [deg]
dec_nom	-22.983321204894	Nominal Dec [deg]
roll_nom	2.8313941518911	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7368.5570610911	Sum of GTIs [s]
livetime	7275.2519547711	Livetime [s]
ontime4	2715.9888819903	Sum of GTIs [s]
ontime5	7903.2749651223	Sum of GTIs [s]
ontime6	2946.1025220007	Sum of GTIs [s]
ontime7	7368.5570610911	Sum of GTIs [s]
ontime8	3025.472300455	Sum of GTIs [s]
ontime9	2842.3868678808	Sum of GTIs [s]
l2events	1327085	Number of level 2 events

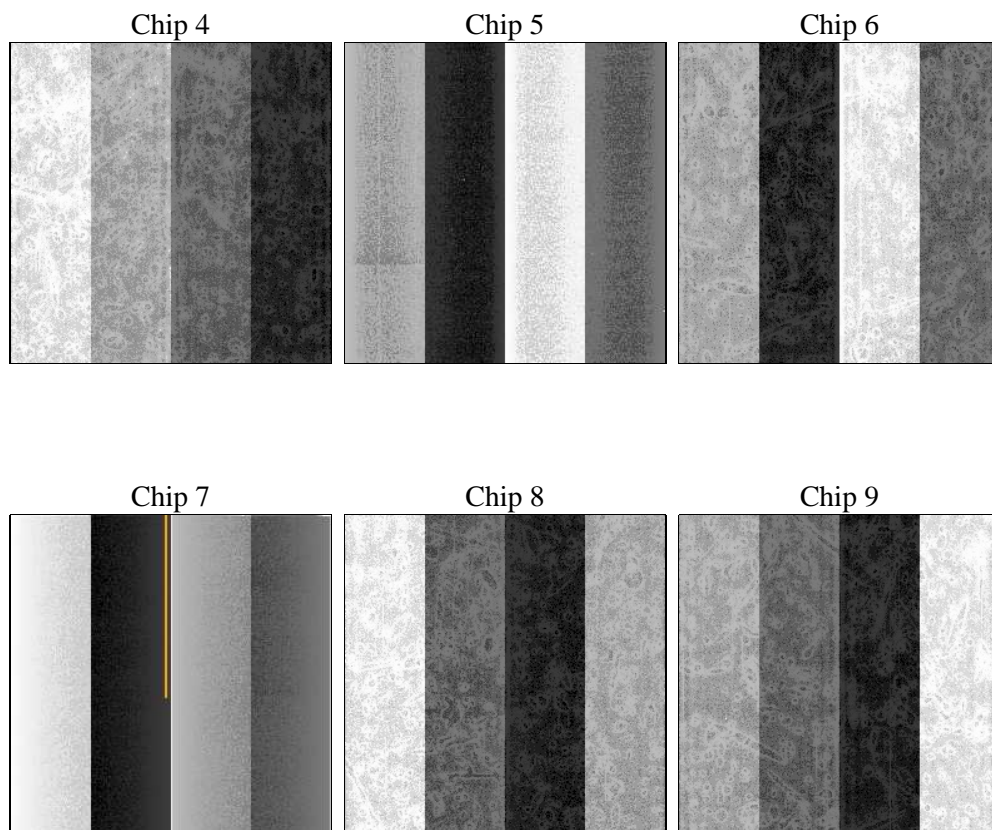
2 OBI

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	7368.5570610911	Sum of GTIs [s]
caldsver	4.5.2	 	ontime4	2715.9888819903	Sum of GTIs [s]
date	2012-10-04T19:20:42	Date and time of file creation	ontime5	7903.2749651223	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	2946.1025220007	Sum of GTIs [s]
			ontime7	7368.5570610911	Sum of GTIs [s]
			ontime8	3025.472300455	Sum of GTIs [s]
			ontime9	2842.3868678808	Sum of GTIs [s]
			l1events	1569613	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	157709	430309	182178	438721	189562	171134	grade 0 events	77307	88893	87675	101674	91029	81927
rejected events	21221	55999	21273	38423	24553	22216		49%	20%	48%	23%	48%	47%
rejected %	13%	13%	11%	8%	12%	12%	grade 1 events	441	287	407	259	444	443
								0%	0%	0%	0%	0%	0%
							grade 2 events	23857	134816	27958	88617	29177	26308
								15%	31%	15%	20%	15%	15%
							grade 3 events	8501	23527	9973	40895	10455	9088
								5%	5%	5%	9%	5%	5%
							grade 4 events	8296	23228	9989	39848	10356	9234
								5%	5%	5%	9%	5%	5%
							grade 5 events	1352	10795	1553	7898	1794	1606
								0%	2%	0%	1%	0%	0%
							grade 6 events	18527	103846	25310	129264	24157	22361
								11%	24%	13%	29%	12%	13%
							grade 7 events	19428	44917	19313	30266	22150	20167
								12%	10%	10%	6%	11%	11%

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	190.0252669868312	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-22.98332120489403	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	2.831394151891102			
[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)	133902857.302	133902856.53404			
Observation start date	2002-03-30T19:14:17	2002-03-30T19:14:16			
[s] Observation end time (MET)	133926456.903	133926456.135			
Observation end date	2002-03-31T01:47:37	2002-03-31T01:47:36			
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)	2012.10.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.3685570610911

A.2 Comments