

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57923 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 11 2012

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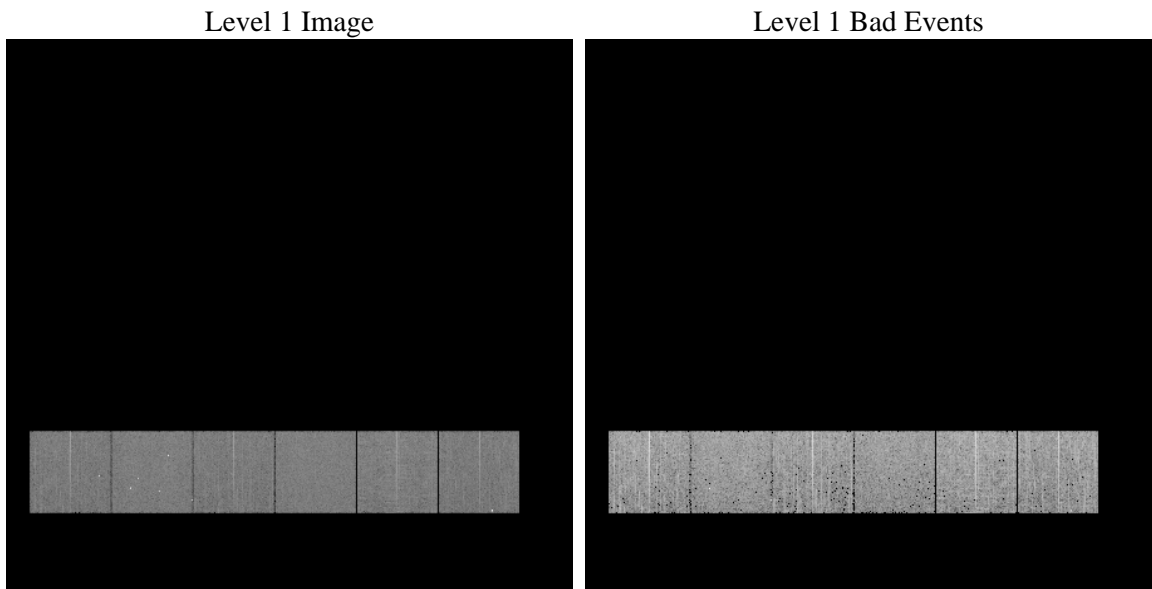
1 Front

seq_num	 	Sequence number
obs_id	57923	Observation id
title	ACIS-456789 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycle	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	189.96704102042	Nominal RA [deg]
dec_nom	23.006413110547	Nominal Dec [deg]
roll_nom	136.74707182029	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3551.757270515	Sum of GTIs [s]
livetime	3506.7827813442	Livetime [s]
ontime4	3551.6341505051	Sum of GTIs [s]
ontime5	3551.7162305117	Sum of GTIs [s]
ontime6	3551.6751905084	Sum of GTIs [s]
ontime7	3551.757270515	Sum of GTIs [s]
ontime8	3551.5931105018	Sum of GTIs [s]
ontime9	3551.7983105183	Sum of GTIs [s]
l2events	314253	Number of level 2 events

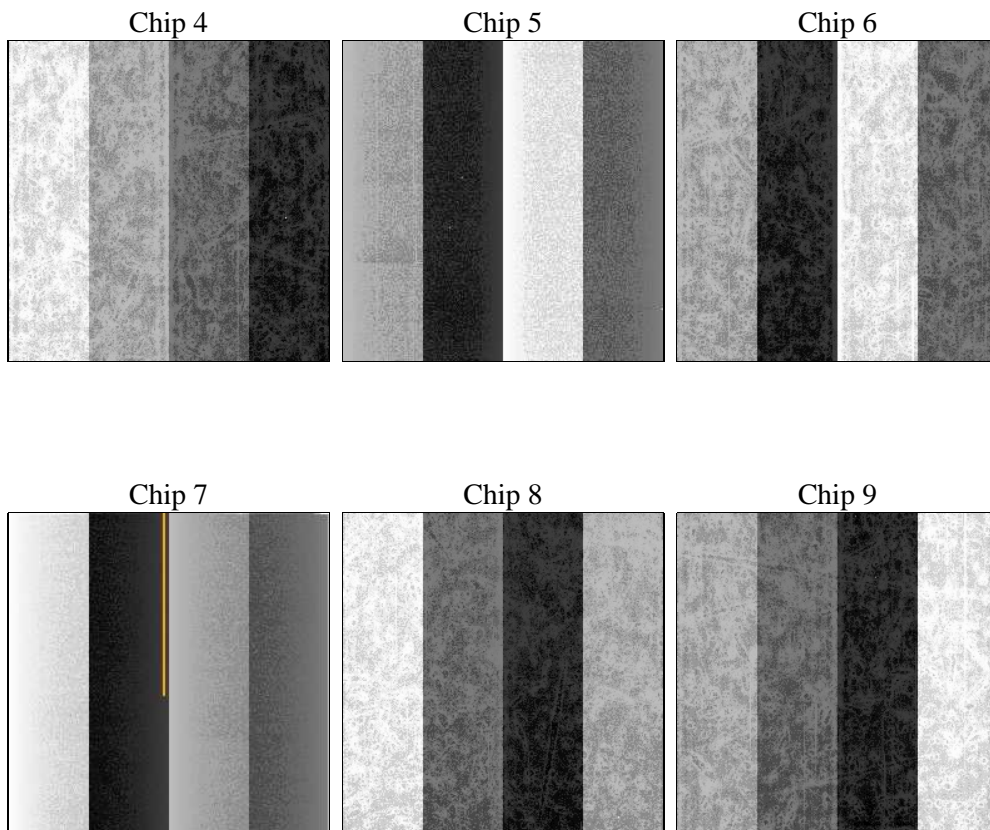
2 OBI

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	8.4.4	Processing system revision	ontime	3551.757270515	Sum of GTIs [s]
caldbver	4.4.9	 	ontime4	3551.6341505051	Sum of GTIs [s]
date	2012-05-11T13:10:03	Date and time of file creation	ontime5	3551.7162305117	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	3551.6751905084	Sum of GTIs [s]
			ontime7	3551.757270515	Sum of GTIs [s]
			ontime8	3551.5931105018	Sum of GTIs [s]
			ontime9	3551.7983105183	Sum of GTIs [s]
			l1events	540682	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	84619	93637	85320	92752	96615	87739	grade 0 events	28905	10974	27216	13477	29772	27523
rejected events	34352	30360	32780	28090	37230	33548		34%	11%	31%	14%	30%	31%
rejected %	40%	32%	38%	30%	38%	38%	grade 1 events	301	163	155	65	235	195
								0%	0%	0%	0%	0%	0%
							grade 2 events	7394	23733	9365	14539	10688	11081
								8%	25%	10%	15%	11%	12%
							grade 3 events	3426	2670	3302	5887	4037	3352
								4%	2%	3%	6%	4%	3%
							grade 4 events	3325	2635	3156	5804	4039	3336
								3%	2%	3%	6%	4%	3%
							grade 5 events	1835	3958	1807	4535	2370	2038
								2%	4%	2%	4%	2%	2%
							grade 6 events	7217	23265	9501	24955	10849	8899
								8%	24%	11%	26%	11%	10%
							grade 7 events	32216	26239	30818	23490	34625	31315
								38%	28%	36%	25%	35%	35%

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	189.9670410204234	Alternating exposures requested	N	N
[deg] Pointing Dec	0	23.00641311054666	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	136.7470718202902			
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-190.132523	250.4635187648994			
[mm] SIM translation stage offset	0	-0.007540371344731511			
[s] Observation start time (MET)	321672654.96326	321672653.93826			
Observation start date	2008-03-12T01:30:55	2008-03-12T01:30:53			
[s] Observation end time (MET)	321684487.563835	321684486.53883			
Observation end date	2008-03-12T04:48:08	2008-03-12T04:48:06			
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)	2012.05.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.551757270515

A.2 Comments