

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57433 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 29 2012

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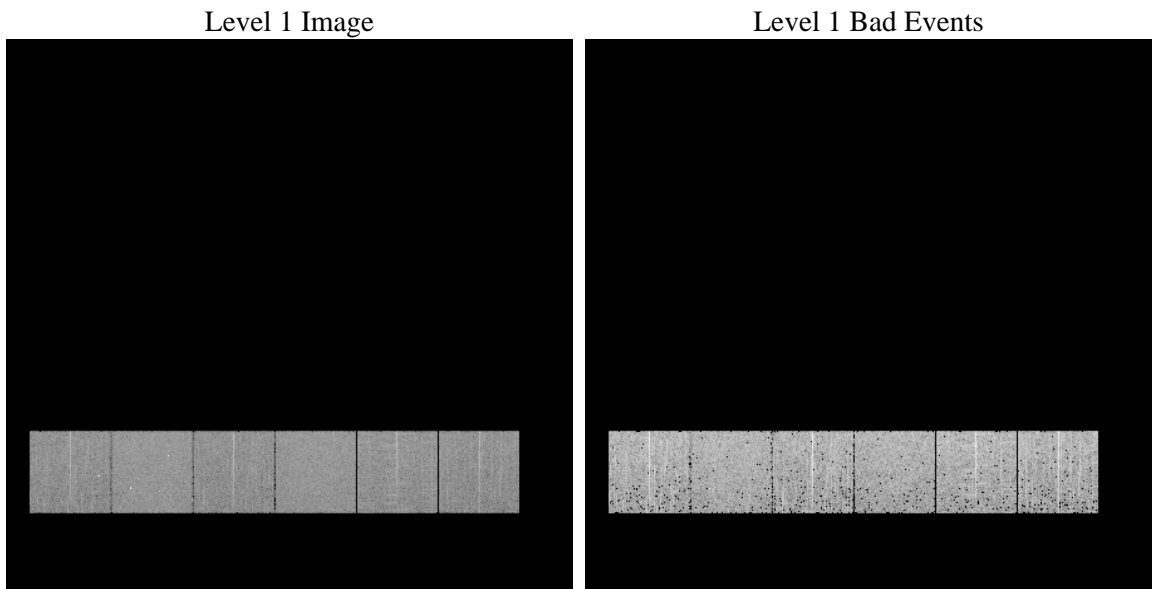
1 Front

seq_num	 	Sequence number
obs_id	57433	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	96.062532517629	Nominal RA [deg]
dec_nom	-2.0028380052209	Nominal Dec [deg]
roll_nom	10.282870670975	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2793.5999896526	Sum of GTIs [s]
livetime	2758.2257444797	Livetime [s]
ontime4	2793.5999896526	Sum of GTIs [s]
ontime5	2793.5999896526	Sum of GTIs [s]
ontime6	2793.5999896526	Sum of GTIs [s]
ontime7	2793.5999896526	Sum of GTIs [s]
ontime8	2793.5642356277	Sum of GTIs [s]
ontime9	2793.5748223662	Sum of GTIs [s]
l2events	189967	Number of level 2 events

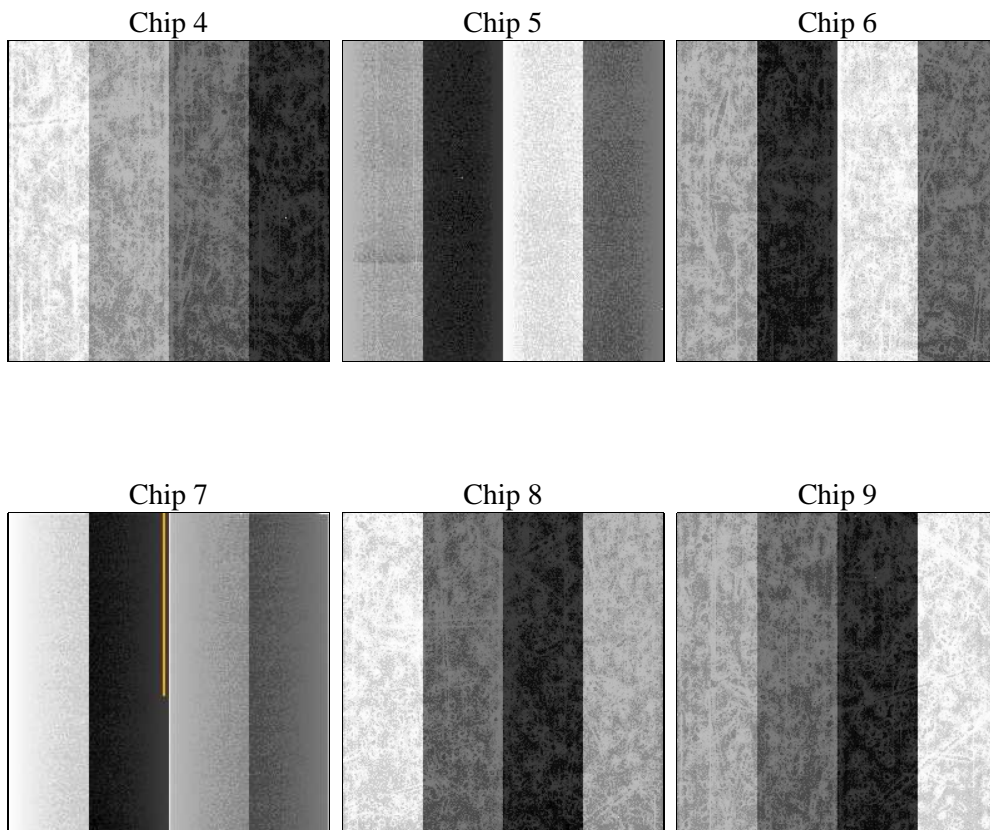
2 OBI

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	8.4.4	Processing system revision	ontime	2793.5999896526	Sum of GTIs [s]
caldbver	4.4.9	 	ontime4	2793.5999896526	Sum of GTIs [s]
date	2012-05-29T15:08:23	Date and time of file creation	ontime5	2793.5999896526	Sum of GTIs [s]
			ontime6	2793.5999896526	Sum of GTIs [s]
revision	2	Processing version of data	ontime7	2793.5999896526	Sum of GTIs [s]
			ontime8	2793.5642356277	Sum of GTIs [s]
			ontime9	2793.5748223662	Sum of GTIs [s]
			l1events	362395	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	56952	66884	55796	65070	61551	56142
rejected events	28023	24473	25604	23309	27387	26802
rejected %	49%	36%	45%	35%	44%	47%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	16541	6939	16017	8084	17127	15612
	29%	10%	28%	12%	27%	27%
grade 1 events	172	79	102	58	134	117
	0%	0%	0%	0%	0%	0%
grade 2 events	4727	14852	5407	9154	6363	5265
	8%	22%	9%	14%	10%	9%
grade 3 events	1991	1947	1964	3944	2505	1943
	3%	2%	3%	6%	4%	3%
grade 4 events	1942	2104	1905	3975	2320	1950
	3%	3%	3%	6%	3%	3%
grade 5 events	1431	3486	1496	3888	2020	1648
	2%	5%	2%	5%	3%	2%
grade 6 events	3728	16569	4899	16604	5849	4570
	6%	24%	8%	25%	9%	8%
grade 7 events	26420	20908	24006	19363	25233	25037
	46%	31%	43%	29%	40%	44%

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	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	96.06253251762902	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-2.002838005220923	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	10.28287067097513	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.6828225247311905			
[mm] SIM defocus	0.1037507710433287	0.8505141146731063			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	346349175.782832	346349174.75783			
Observation start date	2008-12-22T16:06:16	2008-12-22T16:06:14			
[s] Observation end time (MET)	346354163.433079	346354162.40808			
Observation end date	2008-12-22T17:29:23	2008-12-22T17:29:22			
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)	2012.06.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.7935999896526

A.2 Comments