

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57223 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 3 2012

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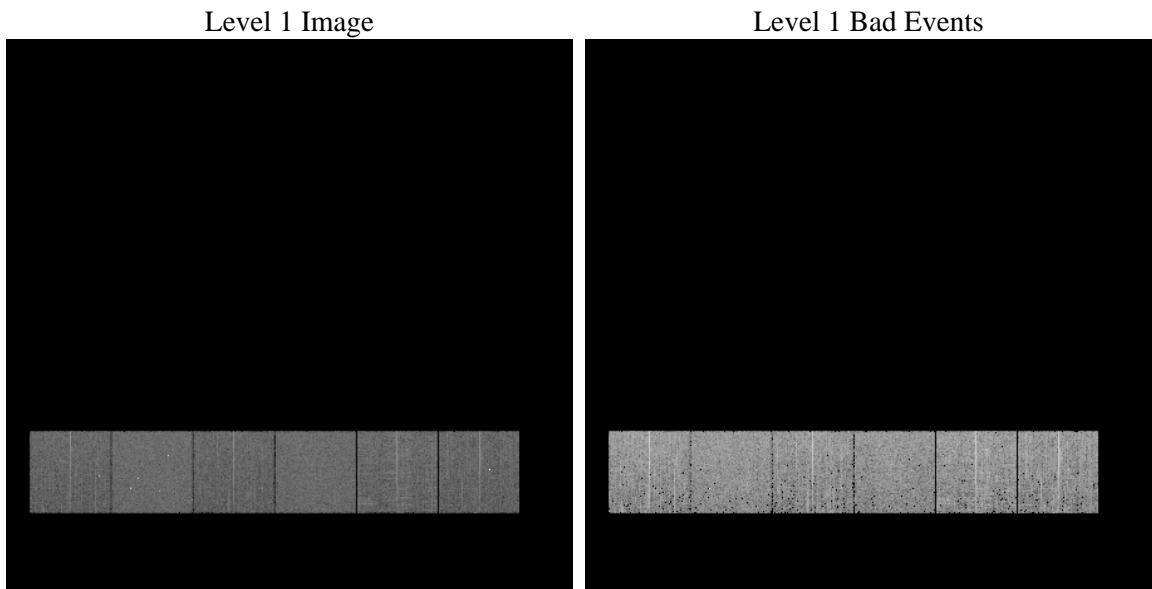
1 Front

seq_num	 	Sequence number
obs_id	57223	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	196.18486171219	Nominal RA [deg]
dec_nom	-1.0755872658702	Nominal Dec [deg]
roll_nom	88.841757994812	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3267.1999878883	Sum of GTIs [s]
livetime	3225.82873437	Livetime [s]
ontime4	3267.1999878883	Sum of GTIs [s]
ontime5	3267.1999878883	Sum of GTIs [s]
ontime6	3267.1999878883	Sum of GTIs [s]
ontime7	3267.1999878883	Sum of GTIs [s]
ontime8	3267.1999878883	Sum of GTIs [s]
ontime9	3267.1999878883	Sum of GTIs [s]
l2events	212503	Number of level 2 events

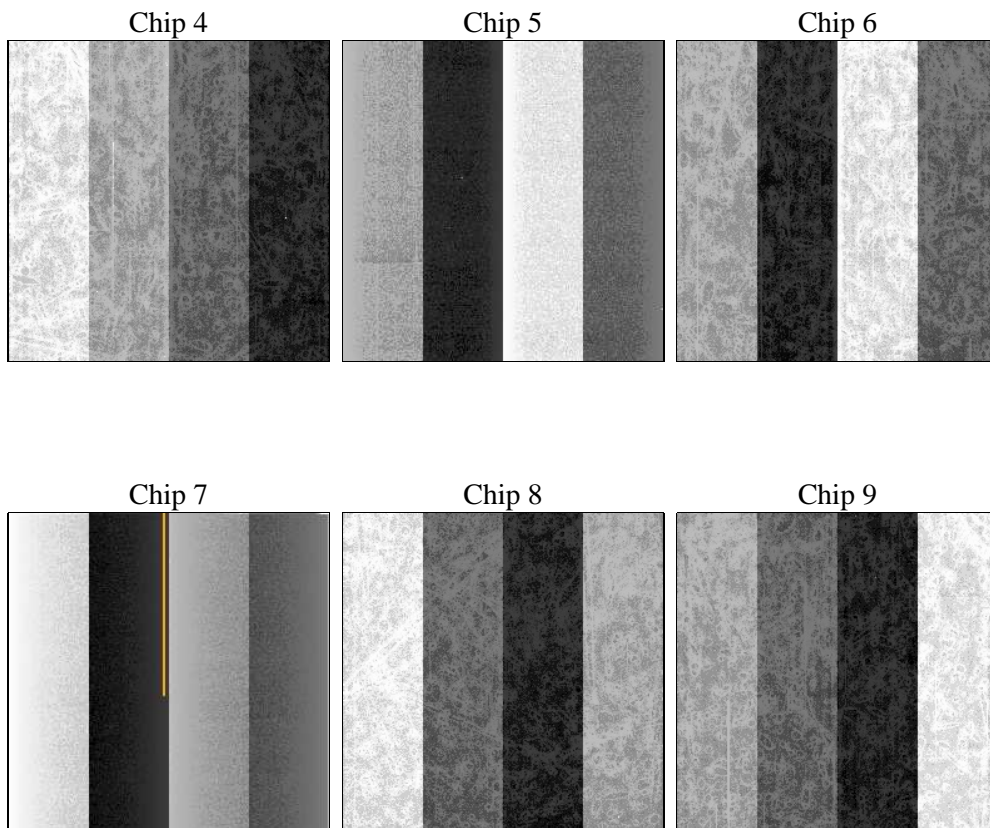
2 OBI

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	3267.1999878883	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	3267.1999878883	Sum of GTIs [s]
date	2012-06-03T06:19:06	Date and time of file creation	ontime5	3267.1999878883	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	3267.1999878883	Sum of GTIs [s]
			ontime7	3267.1999878883	Sum of GTIs [s]
			ontime8	3267.1999878883	Sum of GTIs [s]
			ontime9	3267.1999878883	Sum of GTIs [s]
			l1events	424347	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	64618	78554	63345	75416	73747	68667	grade 0 events	18123	8140	17374	8918	19267	20170
rejected events	32835	29950	30305	27967	34779	32285		28%	10%	27%	11%	26%	29%
rejected %	50%	38%	47%	37%	47%	47%	grade 1 events	186	98	123	60	155	162
								0%	0%	0%	0%	0%	0%
							grade 2 events	5037	16810	5956	10398	7331	6673
								7%	21%	9%	13%	9%	9%
							grade 3 events	2279	2305	2137	4371	2862	2217
								3%	2%	3%	5%	3%	3%
							grade 4 events	2221	2261	2150	4316	2744	2266
								3%	2%	3%	5%	3%	3%
							grade 5 events	1743	4244	1789	4696	2299	1951
								2%	5%	2%	6%	3%	2%
							grade 6 events	4158	19088	5464	19446	6796	5056
								6%	24%	8%	25%	9%	7%
							grade 7 events	30871	25608	28352	23211	32293	30172
								47%	32%	44%	30%	43%	43%

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	196.1848617121855	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-1.075587265870186	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	88.84175799481223	[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)	354117651.16784	354117650.14284			
Observation start date	2009-03-22T14:00:51	2009-03-22T14:00:50			
[s] Observation end time (MET)	354146970.269297	354146969.24429			
Observation end date	2009-03-22T22:09:30	2009-03-22T22:09:29			
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)	2012.06.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.2671999878883

A.2 Comments