

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57720 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : May 17 2012

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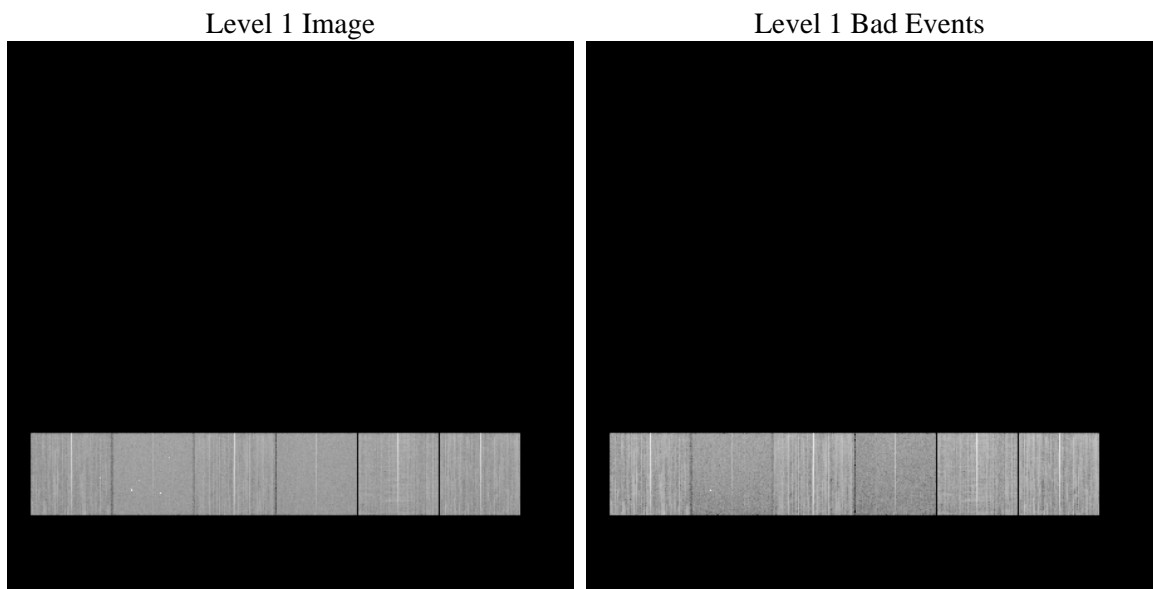
1 Front

seq_num	 	Sequence number
obs_id	57720	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	269.9745397142	Nominal RA [deg]
dec_nom	4.7843689445252	Nominal Dec [deg]
roll_nom	204.29633131924	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8207.9999694824	Sum of GTIs [s]
livetime	8104.0653316046	Livetime [s]
ontime4	6740.0471679568	Sum of GTIs [s]
ontime5	8207.9999694824	Sum of GTIs [s]
ontime6	7355.6233555675	Sum of GTIs [s]
ontime7	8207.9999694824	Sum of GTIs [s]
ontime8	7553.3230158687	Sum of GTIs [s]
ontime9	7044.4896582365	Sum of GTIs [s]
l2events	573419	Number of level 2 events

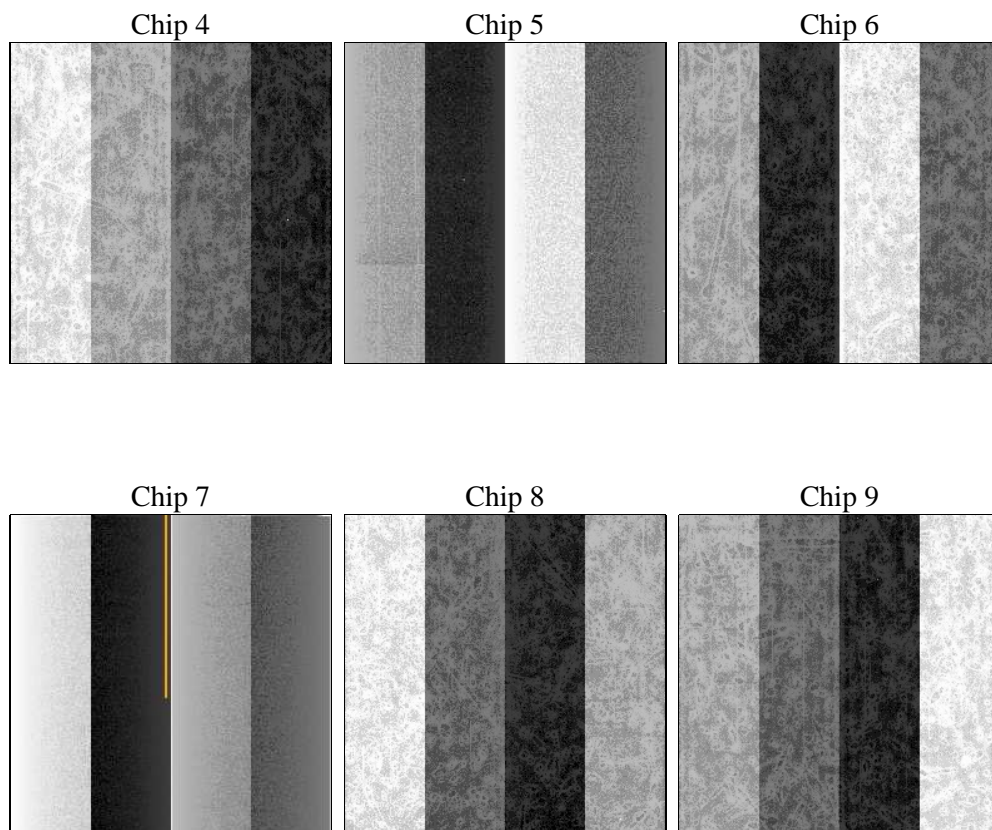
2 OBI

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	8207.9999694824	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	6740.0471679568	Sum of GTIs [s]
date	2012-05-17T17:13:03	Date and time of file creation	ontime5	8207.9999694824	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	7355.6233555675	Sum of GTIs [s]
			ontime7	8207.9999694824	Sum of GTIs [s]
			ontime8	7553.3230158687	Sum of GTIs [s]
			ontime9	7044.4896582365	Sum of GTIs [s]
			l1events	1485553	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	231668	237301	261918	226011	272908	255747	grade 0 events	43051	21862	47199	25876	52572	44381
rejected events	154652	104151	173107	91605	169345	173082		18%	9%	18%	11%	19%	17%
rejected %	66%	43%	66%	40%	62%	67%	grade 1 events	420	223	253	121	336	338
								0%	0%	0%	0%	0%	0%
							grade 2 events	13808	50120	16513	32977	19695	15144
								5%	21%	6%	14%	7%	5%
							grade 3 events	5314	6401	5781	12400	7395	5388
								2%	2%	2%	5%	2%	2%
							grade 4 events	5277	6285	5599	12245	7262	5440
								2%	2%	2%	5%	2%	2%
							grade 5 events	3474	9783	3826	10873	5237	4124
								1%	4%	1%	4%	1%	1%
							grade 6 events	10140	49502	14497	51967	17483	12898
								4%	20%	5%	22%	6%	5%
							grade 7 events	150184	93125	168250	79552	162928	168034
								64%	39%	64%	35%	59%	65%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-456789	ACIS-456789
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	269.9745397068128	269.9745397142025
[deg] Pointing Dec	4.784368950956366	4.784368944525243
[deg] Pointing Roll	204.2963313238947	204.2963313192384
[mm] SIM focus pos	-0.78090834371673	-0.78090834371673
[mm] SIM defocus	0.7524282194390134	0.7524282194390134
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	331493219.392114	331493219.392114
Observation start date	2008-07-03T17:56:00	2008-07-03T17:26:59
[s] Observation end time (MET)	331502767.478341	331502767.478341
Observation end date	2008-07-03T17:57:00	2008-07-03T20:06:07
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	OVERRIDE	OVERRIDE
Number of optional ACIS chips dropped	0	0
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.05.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2079999694824

A.2 Comments