

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57555 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 22 2012

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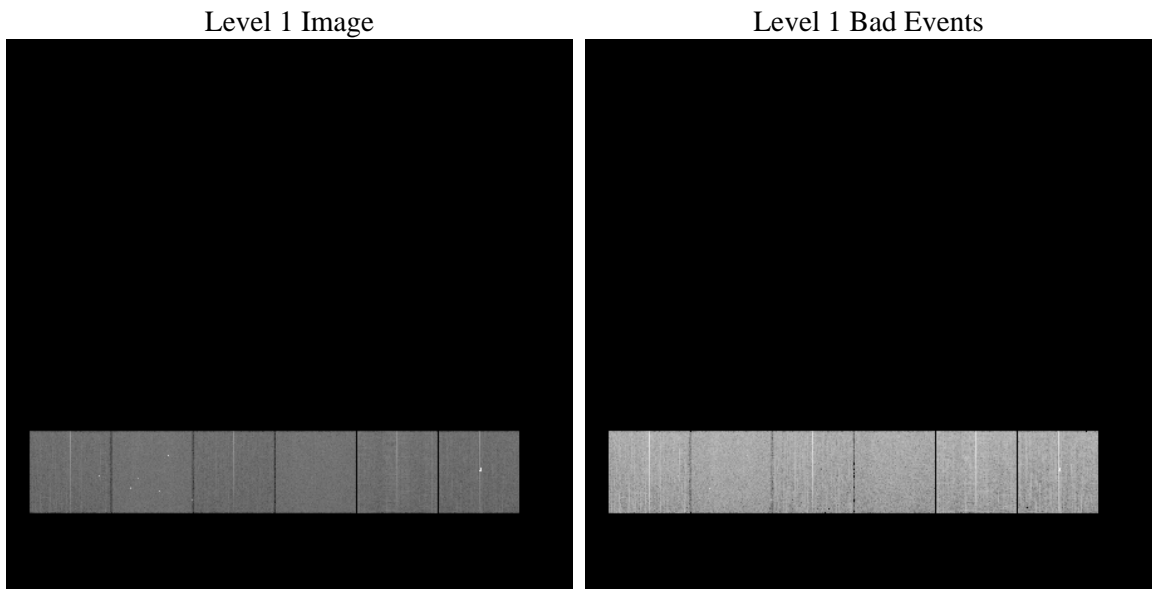
1 Front

seq_num	 	Sequence number
obs_id	57555	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	30.011883640003	Nominal RA [deg]
dec_nom	-13.472601491053	Nominal Dec [deg]
roll_nom	29.9598650653	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7817.2529877424	Sum of GTIs [s]
livetime	7718.266223427	Livetime [s]
ontime4	7817.1298677325	Sum of GTIs [s]
ontime5	7817.2119477391	Sum of GTIs [s]
ontime6	7817.1709077358	Sum of GTIs [s]
ontime7	7817.2529877424	Sum of GTIs [s]
ontime8	7817.0888277292	Sum of GTIs [s]
ontime9	7817.2940277457	Sum of GTIs [s]
l2events	552608	Number of level 2 events

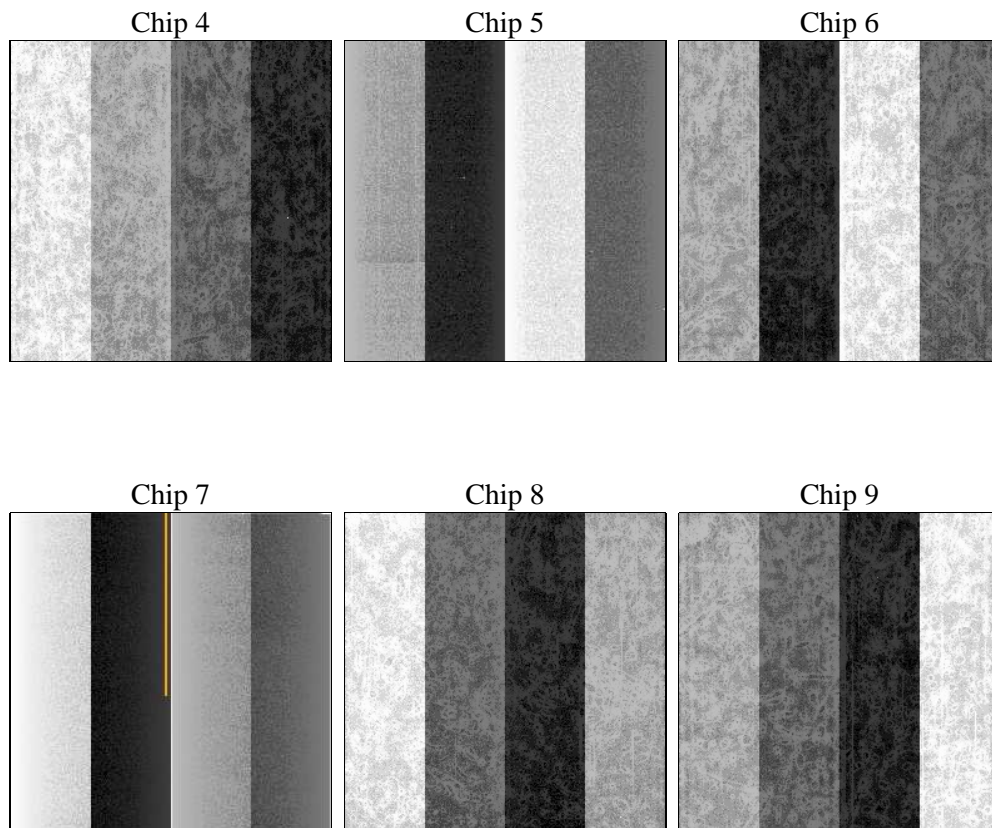
2 OBI

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	7817.2529877424	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	7817.1298677325	Sum of GTIs [s]
date	2012-05-22T22:32:19	Date and time of file creation	ontime5	7817.2119477391	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	7817.1709077358	Sum of GTIs [s]
			ontime7	7817.2529877424	Sum of GTIs [s]
			ontime8	7817.0888277292	Sum of GTIs [s]
			ontime9	7817.2940277457	Sum of GTIs [s]
			l1events	1069926	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	164358	191280	161345	185961	183897	183085	grade 0 events	49242	21110	47166	23586	51548	67190
rejected events	79426	70575	72686	66621	82692	76755		29%	11%	29%	12%	28%	36%
rejected %	48%	36%	45%	35%	44%	41%	grade 1 events	456	229	297	159	359	507
								0%	0%	0%	0%	0%	0%
							grade 2 events	13718	42962	15893	26104	18746	15243
								8%	22%	9%	14%	10%	8%
							grade 3 events	5916	5907	5982	11306	7495	5845
								3%	3%	3%	6%	4%	3%
							grade 4 events	5850	5616	5819	11122	7253	5762
								3%	2%	3%	5%	3%	3%
							grade 5 events	4142	9417	4196	10660	5383	4597
								2%	4%	2%	5%	2%	2%
							grade 6 events	11424	46741	15051	48814	17441	13837
								6%	24%	9%	26%	9%	7%
							grade 7 events	73610	59298	66941	54210	75672	70104
								44%	31%	41%	29%	41%	38%

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	30.01188364000348	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-13.4726014910532	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	29.95986506530034	[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)	340212174.529897	340212173.5049			
Observation start date	2008-10-12T15:22:55	2008-10-12T15:22:53			
[s] Observation end time (MET)	340235690.081055	340235689.05606			
Observation end date	2008-10-12T21:54:50	2008-10-12T21:54:49			
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)	2012.05.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.8172529877424

A.2 Comments