

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 58648 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 15 2012

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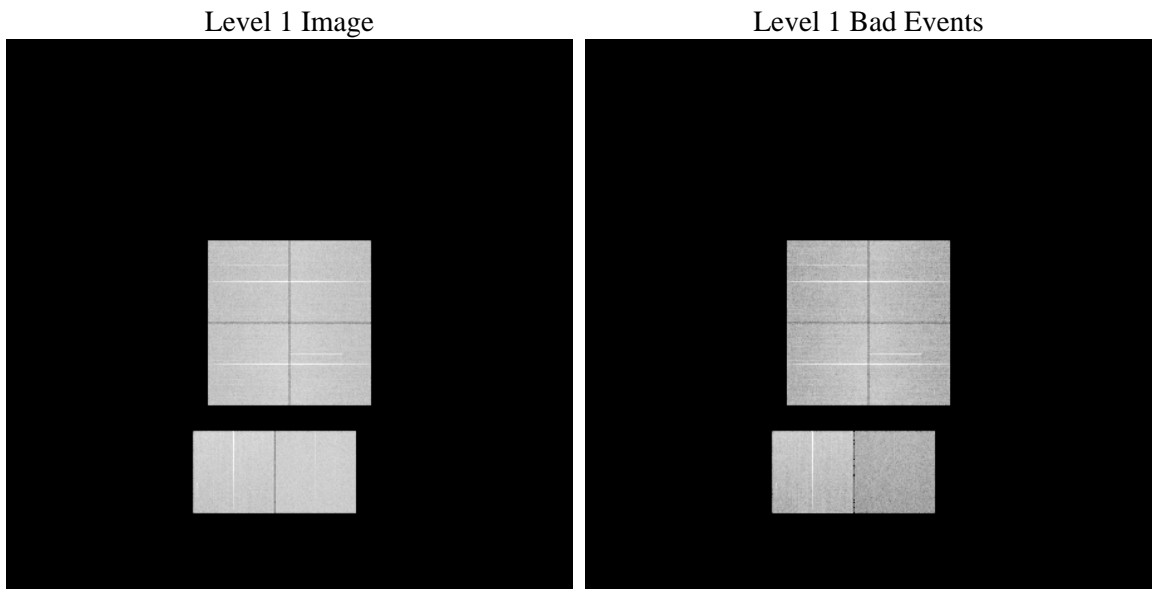
1 Front

seq_num	 	Sequence number
obs_id	58648	Observation id
title	ACIS-012367 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	46.52111961466	Nominal RA [deg]
dec_nom	20.979104806741	Nominal Dec [deg]
roll_nom	280.42982554512	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8082.5217615366	Sum of GTIs [s]
livetime	7980.1760042817	Livetime [s]
ontime0	5431.3541309237	Sum of GTIs [s]
ontime1	5629.0137155056	Sum of GTIs [s]
ontime2	5580.3579121232	Sum of GTIs [s]
ontime3	5690.7152735591	Sum of GTIs [s]
ontime6	6390.5638771057	Sum of GTIs [s]
ontime7	8082.5217615366	Sum of GTIs [s]
l2events	650314	Number of level 2 events

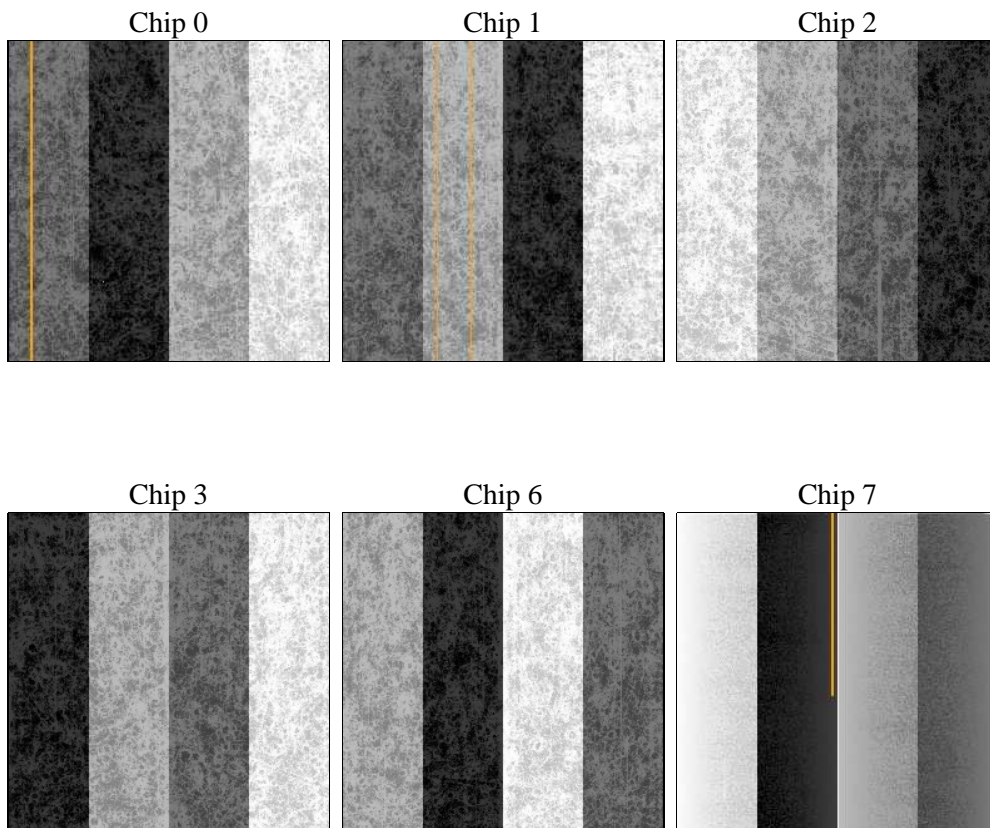
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	2	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.3.1	Processing system revision	ontime	8082.5217615366	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	5431.3541309237	Sum of GTIs [s]
date	2012-04-15T15:34:28	Date and time of file creation	ontime1	5629.0137155056	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	5580.3579121232	Sum of GTIs [s]
			ontime3	5690.7152735591	Sum of GTIs [s]
			ontime6	6390.5638771057	Sum of GTIs [s]
			ontime7	8082.5217615366	Sum of GTIs [s]
			l1events	1481781	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	219318	221613	245191	241255	277660	276744	grade 0 events	49757	51232	53062	53628	60651	40900
rejected events	128340	127103	150475	145724	165238	74989		22%	23%	21%	22%	21%	14%
rejected %	58%	57%	61%	60%	59%	27%	grade 1 events	836	713	903	960	846	453
								0%	0%	0%	0%	0%	0%
							grade 2 events	16366	17508	16131	16059	20277	48273
								7%	7%	6%	6%	7%	17%
							grade 3 events	6462	6556	6591	6908	7444	18959
								2%	2%	2%	2%	2%	6%
							grade 4 events	6164	6382	6708	6676	7366	18729
								2%	2%	2%	2%	2%	6%
							grade 5 events	2980	3212	2906	3300	3840	11953
								1%	1%	1%	1%	1%	4%
							grade 6 events	13447	14290	13563	13702	18299	77664
								6%	6%	5%	5%	6%	28%
							grade 7 events	123306	121720	145327	140022	158937	59813
								56%	54%	59%	58%	57%	21%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	46.5211196146599
[deg] Pointing Dec	0	20.97910480674115
[deg] Pointing Roll	0.0	280.4298255451228
[mm] SIM focus pos	-0.782348	-1.038866356238299
[mm] SIM defocus	0	0.4944702831659975
[mm] SIM translation stage pos	-233.592463	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	282415189.980202	282415188.95521
Observation start date	2006-12-13T16:39:50	2006-12-13T16:39:48
[s] Observation end time (MET)	282436499.731209	282436498.70622
Observation end date	2006-12-13T22:35:00	2006-12-13T22:34:58
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
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	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.04.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.0825217615366

A.2 Comments