

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57561 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : May 22 2012

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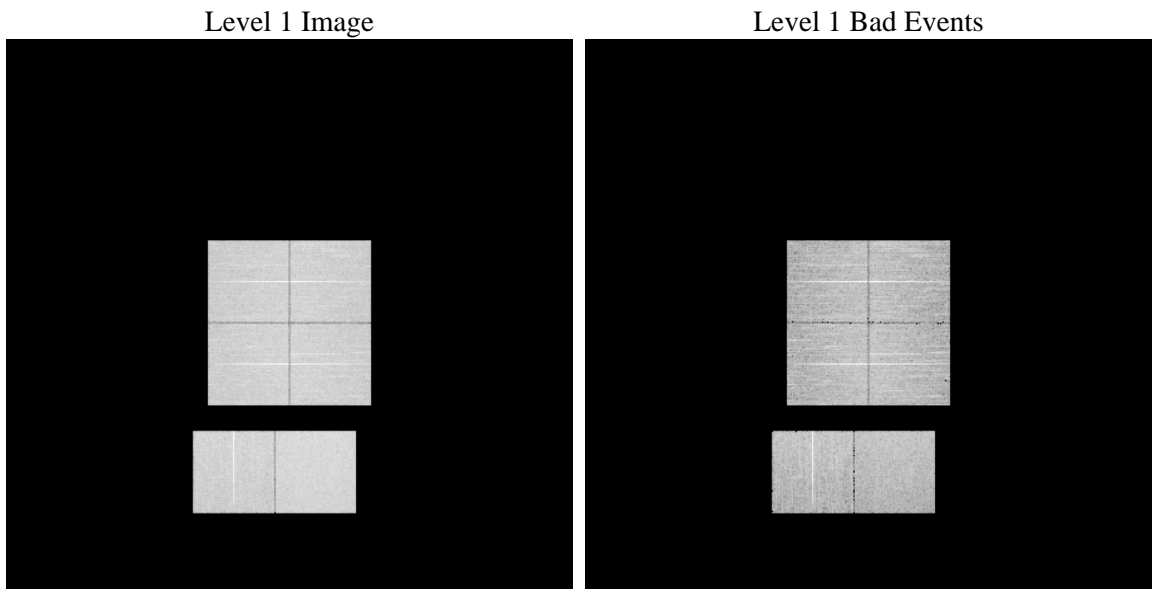
1 Front

seq_num	 	Sequence number
obs_id	57561	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	2.029445577711	Nominal RA [deg]
dec_nom	-13.750383917824	Nominal Dec [deg]
roll_nom	326.35458159861	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7731.1992900968	Sum of GTIs [s]
livetime	7633.3021895162	Livetime [s]
ontime0	7731.1582500935	Sum of GTIs [s]
ontime1	7731.1172100902	Sum of GTIs [s]
ontime2	7731.0761700869	Sum of GTIs [s]
ontime3	7727.9589909911	Sum of GTIs [s]
ontime6	7731.0351300836	Sum of GTIs [s]
ontime7	7731.1992900968	Sum of GTIs [s]
l2events	514321	Number of level 2 events

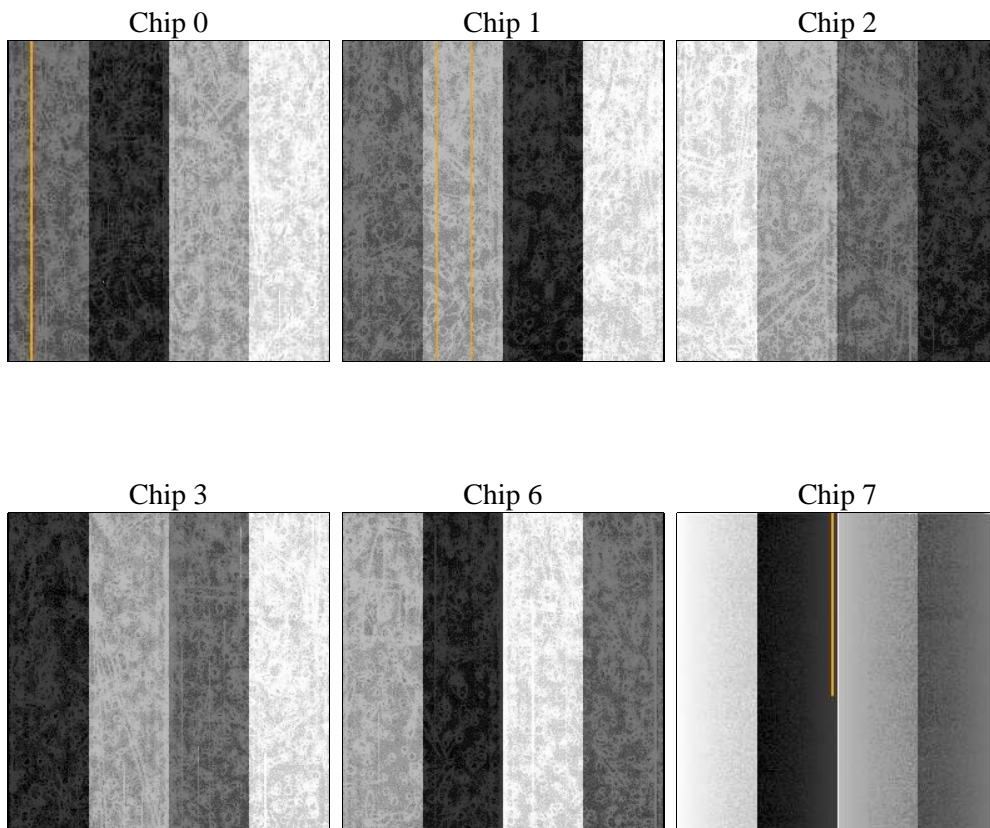
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	2	Obi number	sched_exp_time	6360	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	7731.1992900968	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	7731.1582500935	Sum of GTIs [s]
date	2012-05-22T13:01:41	Date and time of file creation	ontime1	7731.1172100902	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	7731.0761700869	Sum of GTIs [s]
			ontime3	7727.9589909911	Sum of GTIs [s]
			ontime6	7731.0351300836	Sum of GTIs [s]
			ontime7	7731.1992900968	Sum of GTIs [s]
			l1events	958477	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	150255	151791	155714	157260	159461	183996	grade 0 events	45471	44718	46654	46824	46870	23353
rejected events	66595	67639	71321	72790	71824	65458		30%	29%	29%	29%	29%	12%
rejected %	44%	44%	45%	46%	45%	35%	grade 1 events	334	285	351	355	309	166
								0%	0%	0%	0%	0%	0%
							grade 2 events	15013	15807	14675	14678	15441	26025
								9%	10%	9%	9%	9%	14%
							grade 3 events	5628	5678	5781	5808	5695	11351
								3%	3%	3%	3%	3%	6%
							grade 4 events	5715	5657	5724	5800	5767	11181
								3%	3%	3%	3%	3%	6%
							grade 5 events	3753	3935	3506	4185	4018	10617
								2%	2%	2%	2%	2%	5%
							grade 6 events	12578	13056	12315	12077	14622	47575
								8%	8%	7%	7%	9%	25%
							grade 7 events	61763	62655	66708	67533	66739	53728
								41%	41%	42%	42%	41%	29%

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	2.029445585926554	2.029445577711044
[deg] Pointing Dec	-13.75038394004763	-13.75038391782404
[deg] Pointing Roll	326.3545815946387	326.3545815986092
[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)	339947505.166864	339947505.166864
Observation start date	2008-10-09T14:29:00	2008-10-09T13:51:45
[s] Observation end time (MET)	339957022.967903	339957022.967903
Observation end date	2008-10-09T16:15:00	2008-10-09T16:30:22
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	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	7.7311992900968

A.2 Comments