

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57704 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : May 17 2012

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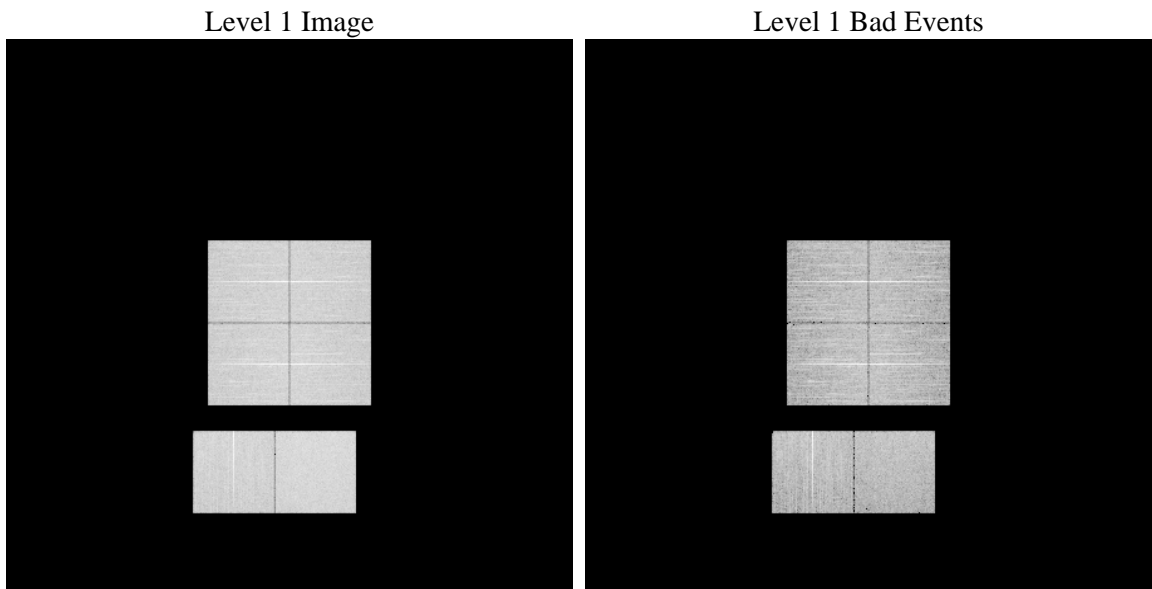
1 Front

seq_num	 	Sequence number
obs_id	57704	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	39.6573413876	Nominal RA [deg]
dec_nom	67.43798634329	Nominal Dec [deg]
roll_nom	77.530430197312	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8136.3662960529	Sum of GTIs [s]
livetime	8033.3387268807	Livetime [s]
ontime0	8136.3252560496	Sum of GTIs [s]
ontime1	8136.2842160463	Sum of GTIs [s]
ontime2	8136.243176043	Sum of GTIs [s]
ontime3	8136.4073360562	Sum of GTIs [s]
ontime6	8136.2021360397	Sum of GTIs [s]
ontime7	8136.3662960529	Sum of GTIs [s]
l2events	571858	Number of level 2 events

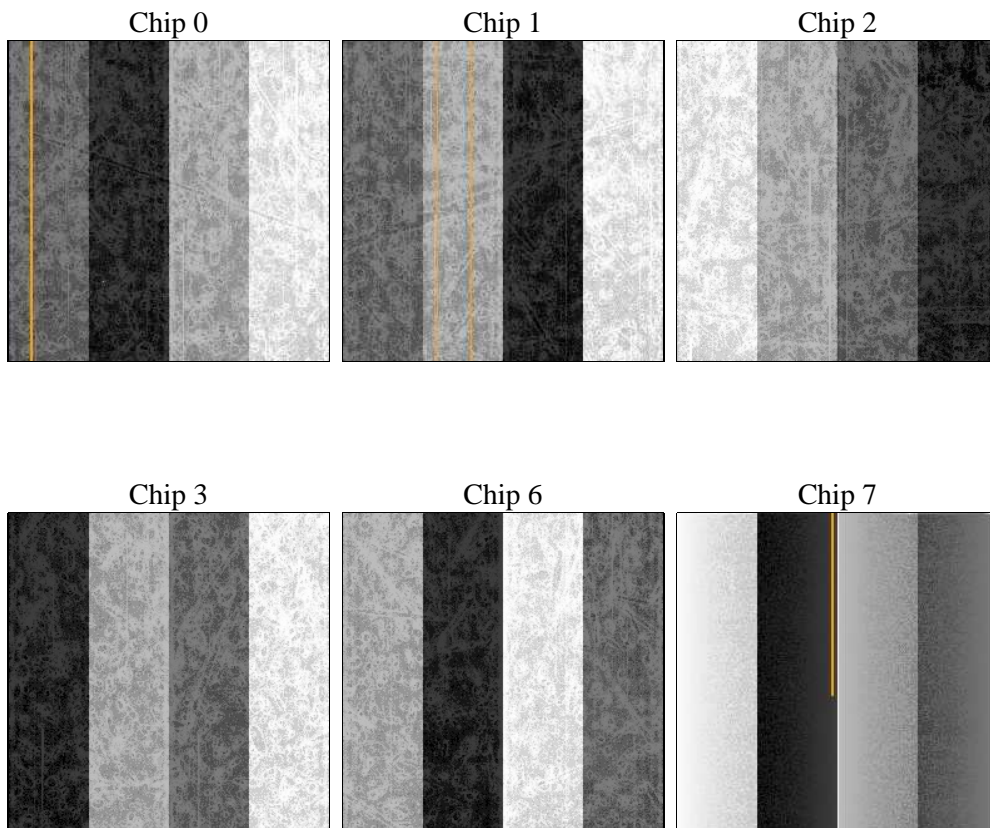
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	900	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	8136.3662960529	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	8136.3252560496	Sum of GTIs [s]
date	2012-05-17T18:05:31	Date and time of file creation	ontime1	8136.2842160463	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	8136.243176043	Sum of GTIs [s]
			ontime3	8136.4073360562	Sum of GTIs [s]
			ontime6	8136.2021360397	Sum of GTIs [s]
			ontime7	8136.3662960529	Sum of GTIs [s]
			l1events	1038091	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	166254	163635	170155	168553	172379	197115	grade 0 events	51507	50340	52634	52688	52885	25875
rejected events	72412	69906	75603	73864	74430	68060		30%	30%	30%	31%	30%	13%
rejected %	43%	42%	44%	43%	43%	34%	grade 1 events	399	304	375	400	305	164
								0%	0%	0%	0%	0%	0%
							grade 2 events	16910	17616	16778	16507	17518	28901
								10%	10%	9%	9%	10%	14%
							grade 3 events	6302	6225	6448	6619	6416	12445
								3%	3%	3%	3%	3%	6%
							grade 4 events	6277	6331	6420	6560	6271	12251
								3%	3%	3%	3%	3%	6%
							grade 5 events	3943	4095	3789	4350	4307	10696
								2%	2%	2%	2%	2%	5%
							grade 6 events	14334	14677	13870	13858	16502	51748
								8%	8%	8%	8%	9%	26%
							grade 7 events	66582	64047	69841	67571	68175	55035
								40%	39%	41%	40%	39%	27%

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	39.65734181972738	39.65734138759984
[deg] Pointing Dec	67.43798614180841	67.43798634329039
[deg] Pointing Roll	77.53042978753253	77.5304301973124
[mm] SIM focus pos	-0.68282252473119	-0.68282252473119
[mm] SIM defocus	0.8505140384245534	0.8505140384245534
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	331772136.255767	331772136.255767
Observation start date	2008-07-06T22:58:00	2008-07-06T22:55:36
[s] Observation end time (MET)	331781536.499457	331781536.499457
Observation end date	2008-07-06T23:13:00	2008-07-07T01:32:16
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	8.1363662960529

A.2 Comments