

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55159 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 23 2012

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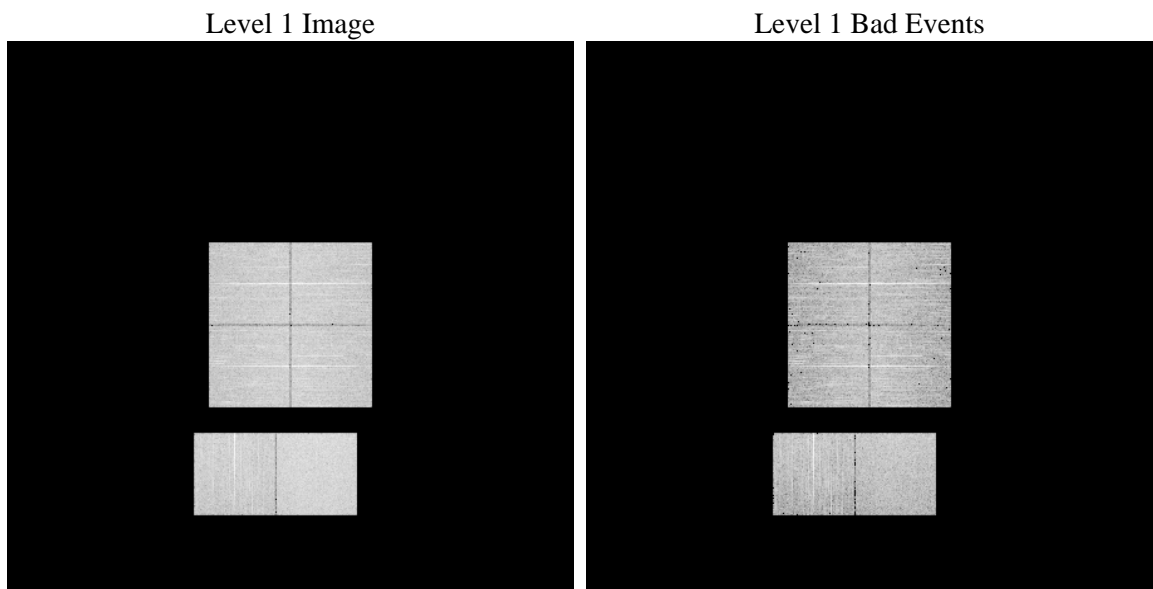
1 Front

seq_num	 	Sequence number
obs_id	55159	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	350.63709402815	Nominal RA [deg]
dec_nom	-18.859206624566	Nominal Dec [deg]
roll_nom	324.27421727104	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7439.2412728071	Sum of GTIs [s]
livetime	7345.0411204375	Livetime [s]
ontime0	7439.2002328038	Sum of GTIs [s]
ontime1	7439.1591928005	Sum of GTIs [s]
ontime2	7439.1181527972	Sum of GTIs [s]
ontime3	7439.2823128104	Sum of GTIs [s]
ontime6	7439.0771127939	Sum of GTIs [s]
ontime7	7439.2412728071	Sum of GTIs [s]
l2events	273218	Number of level 2 events

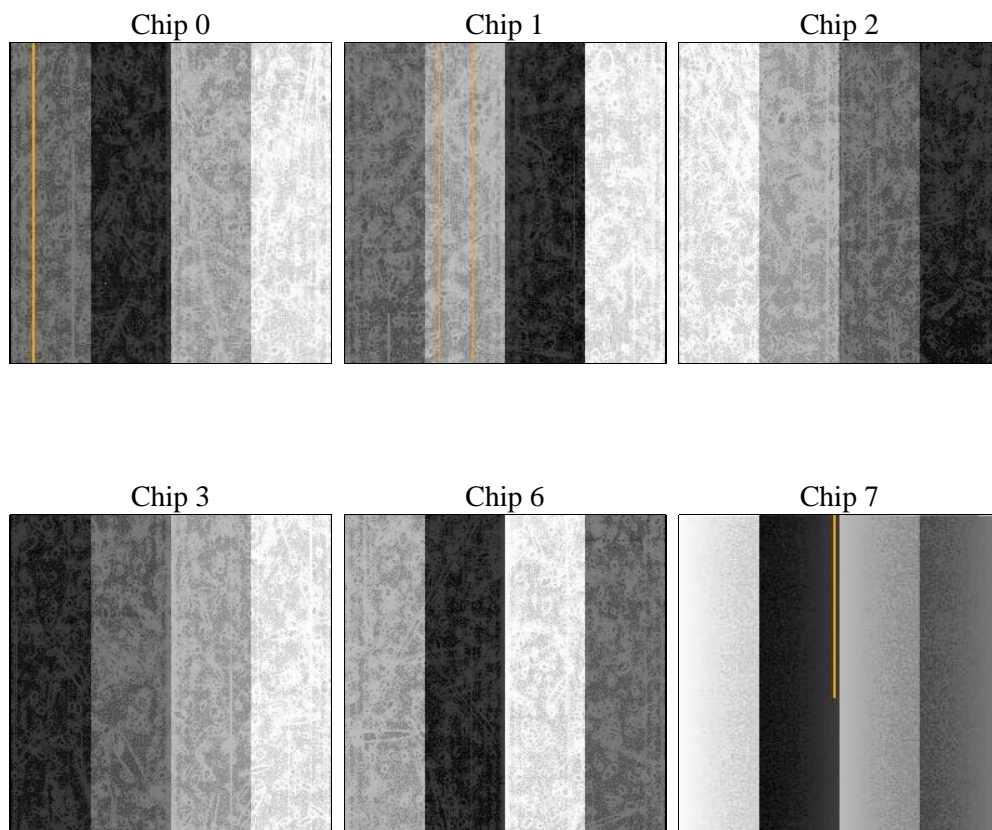
2 OBI

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	8.4.3	Processing system revision	ontime	7439.2412728071	Sum of GTIs [s]
caldbver	4.4.8	 	ontime0	7439.2002328038	Sum of GTIs [s]
date	2012-02-23T17:32:32	Date and time of file creation	ontime1	7439.1591928005	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	7439.1181527972	Sum of GTIs [s]
			ontime3	7439.2823128104	Sum of GTIs [s]
			ontime6	7439.0771127939	Sum of GTIs [s]
			ontime7	7439.2412728071	Sum of GTIs [s]
			l1events	586347	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	89905	93153	92379	93924	97639	119347	grade 0 events	24032	22884	24440	25212	23378	11679
rejected events	45535	48471	48693	48977	52556	53266		26%	24%	26%	26%	23%	9%
rejected %	50%	52%	52%	52%	53%	44%	grade 1 events	125	95	169	129	110	89
								0%	0%	0%	0%	0%	0%
							grade 2 events	8653	9869	7774	8032	9153	15526
								9%	10%	8%	8%	9%	13%
							grade 3 events	3030	2985	3107	3173	2824	5798
								3%	3%	3%	3%	2%	4%
							grade 4 events	2996	2918	3109	3198	3010	5726
								3%	3%	3%	3%	3%	4%
							grade 5 events	2889	2804	2807	3136	2997	7444
								3%	3%	3%	3%	3%	6%
							grade 6 events	7518	7824	7090	7132	8556	30075
								8%	8%	7%	7%	8%	25%
							grade 7 events	40662	43774	43883	43912	47611	43010
								45%	46%	47%	46%	48%	36%

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	350.6370940281494
[deg] Pointing Dec	0	-18.8592066245661
[deg] Pointing Roll	0.0	324.2742172710404
[mm] SIM focus pos	-1.4281808131	-1.4281808131
[mm] SIM defocus	0.1051557500557434	0.1051557500557434
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	433629305.405249	433629305.405249
Observation start date	2011-09-28T20:35:05	2011-09-28T20:35:05
[s] Observation end time (MET)	433638292.05535	433638292.05535
Observation end date	2011-09-28T23:04:52	2011-09-28T23:04:52
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)	2012.02.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.4392412728071

A.2 Comments