

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 59649 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 23 2012

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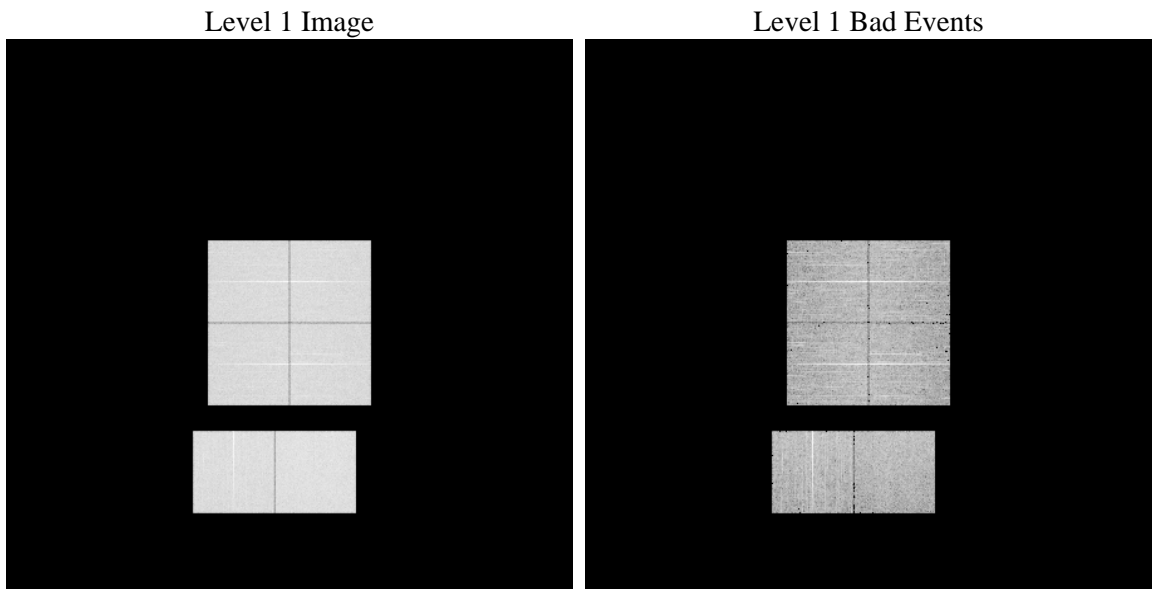
1 Front

seq_num	 	Sequence number
obs_id	59649	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	232.48341842639	Nominal RA [deg]
dec_nom	4.4800350793845	Nominal Dec [deg]
roll_nom	197.17574910166	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7801.5999709368	Sum of GTIs [s]
livetime	7702.8114145452	Livetime [s]
ontime0	6991.3578563333	Sum of GTIs [s]
ontime1	7056.1772324741	Sum of GTIs [s]
ontime2	6595.9589418471	Sum of GTIs [s]
ontime3	6793.6582992077	Sum of GTIs [s]
ontime6	7244.1533197463	Sum of GTIs [s]
ontime7	7801.5999709368	Sum of GTIs [s]
l2events	1055549	Number of level 2 events

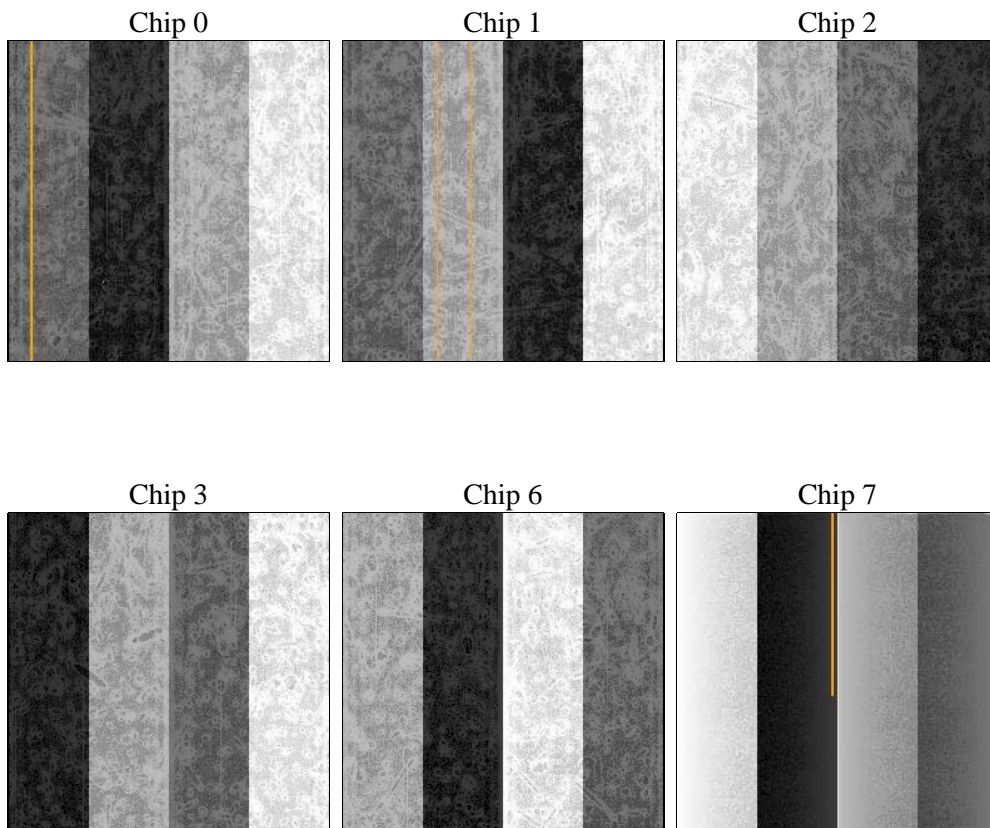
2 OBI

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	8.5.1.1	Processing system revision	ontime	7801.5999709368	Sum of GTIs [s]
caldsver	4.5.5	 	ontime0	6991.3578563333	Sum of GTIs [s]
date	2012-12-23T21:29:44	Date and time of file creation	ontime1	7056.1772324741	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	6595.9589418471	Sum of GTIs [s]
			ontime3	6793.6582992077	Sum of GTIs [s]
			ontime6	7244.1533197463	Sum of GTIs [s]
			ontime7	7801.5999709368	Sum of GTIs [s]
			l1events	1407286	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	223413	226783	218040	222710	248174	268166	grade 0 events	95870	96448	93071	96484	103771	53234
rejected events	47317	48652	50434	48884	55190	47657		42%	42%	42%	43%	41%	19%
rejected %	21%	21%	23%	21%	22%	17%	grade 1 events	541	515	569	669	569	167
								0%	0%	0%	0%	0%	0%
							grade 2 events	30909	31997	28316	29658	33251	48385
								13%	14%	12%	13%	13%	18%
							grade 3 events	11349	11321	11046	11422	12086	21611
								5%	4%	5%	5%	4%	8%
							grade 4 events	11342	11355	10931	11382	12105	21595
								5%	5%	5%	5%	4%	8%
							grade 5 events	3081	3131	2736	3211	3442	8345
								1%	1%	1%	1%	1%	3%
							grade 6 events	26700	27083	24308	24965	31848	75788
								11%	11%	11%	11%	12%	28%
							grade 7 events	43621	44933	47063	44919	51102	39041
								19%	19%	21%	20%	20%	14%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	232.4834184263886	Alternating exposures requested	N	N
[deg] Pointing Dec	0	4.480035079384525	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	197.1757491016583			
[mm] SIM focus pos	-0.782348	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	233253996.245902	233253995.22093			
Observation start date	2005-05-23T16:46:36	2005-05-23T16:46:35			
[s] Observation end time (MET)	233293919.99772	233293918.97275			
Observation end date	2005-05-24T03:52:00	2005-05-24T03:51:58			
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)	2013.01.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.8015999709368

A.2 Comments