

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60442 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 9 2012

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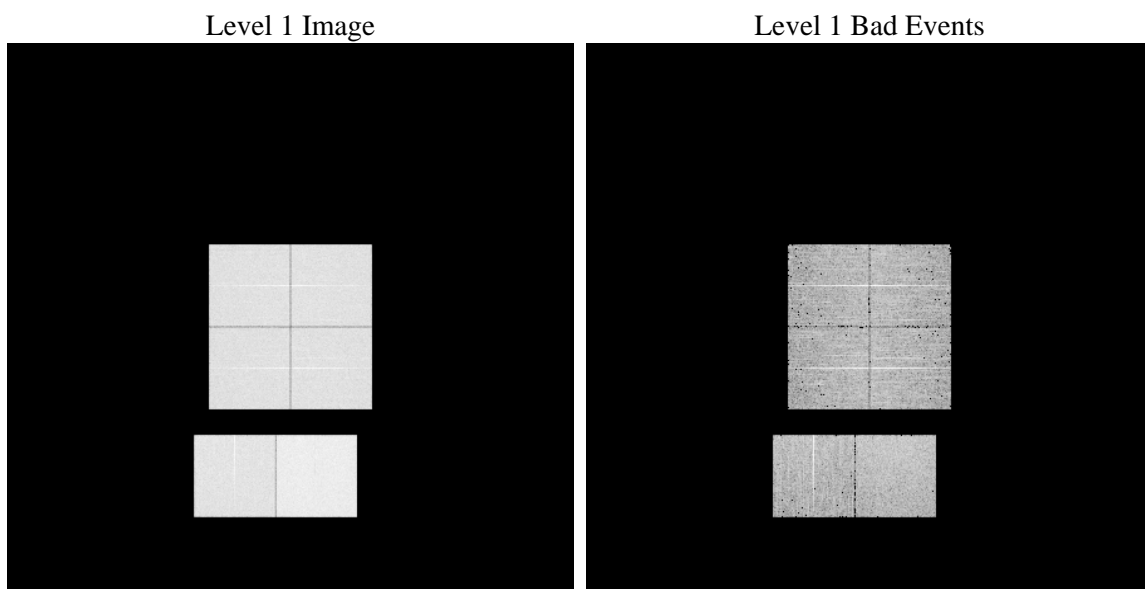
1 Front

seq_num	 	Sequence number
obs_id	60442	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	79.988125581266	Nominal RA [deg]
dec_nom	39.972872290351	Nominal Dec [deg]
roll_nom	218.61718807378	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8466.4753433168	Sum of GTIs [s]
livetime	8359.2677346203	Livetime [s]
ontime0	5915.7875600457	Sum of GTIs [s]
ontime1	5906.0239973068	Sum of GTIs [s]
ontime2	5708.2836613655	Sum of GTIs [s]
ontime3	5717.1577296853	Sum of GTIs [s]
ontime6	6099.5936784744	Sum of GTIs [s]
ontime7	8466.4753433168	Sum of GTIs [s]
l2events	1250662	Number of level 2 events

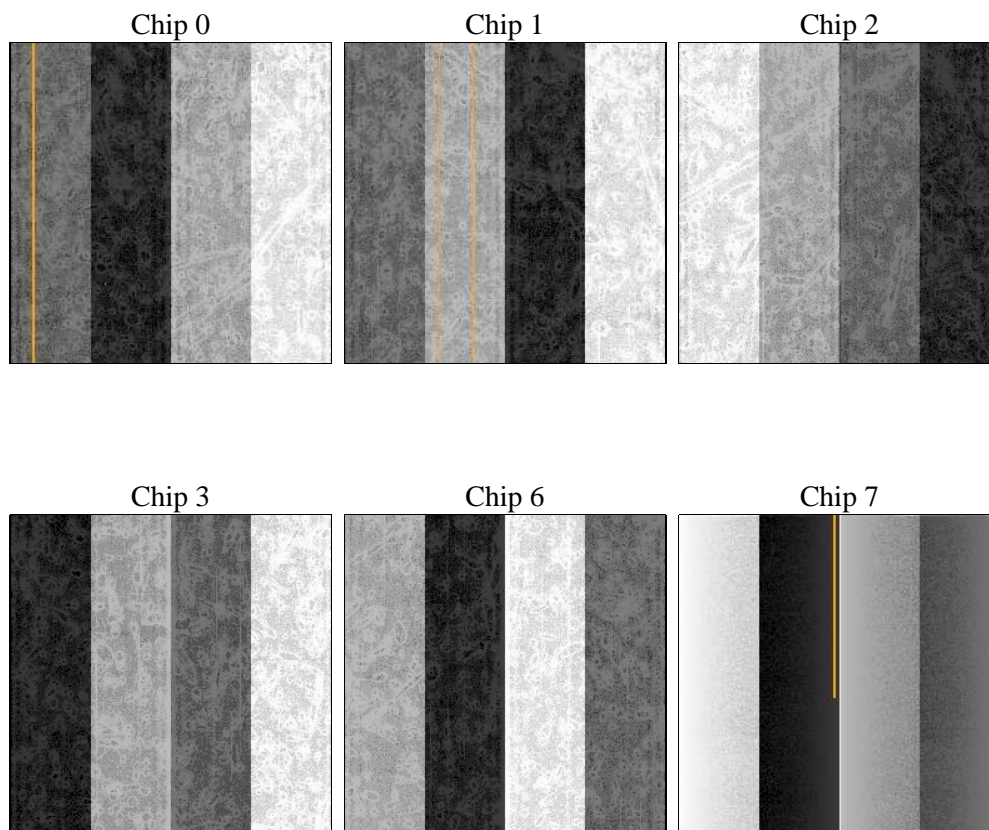
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	8466.4753433168	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	5915.7875600457	Sum of GTIs [s]
date	2012-11-09T16:09:12	Date and time of file creation	ontime1	5906.0239973068	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	5708.2836613655	Sum of GTIs [s]
			ontime3	5717.1577296853	Sum of GTIs [s]
			ontime6	6099.5936784744	Sum of GTIs [s]
			ontime7	8466.4753433168	Sum of GTIs [s]
			l1events	1537088	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	234619	235687	230184	233666	254627	348305	grade 0 events	110466	109367	109588	110263	117647	75802
rejected events	34645	36101	35109	37502	38602	43734		47%	46%	47%	47%	46%	21%
rejected %	14%	15%	15%	16%	15%	12%	grade 1 events	594	473	597	597	537	197
								0%	0%	0%	0%	0%	0%
							grade 2 events	34910	35697	32919	33316	37060	67026
								14%	15%	14%	14%	14%	19%
							grade 3 events	12968	12660	12713	12756	13474	30735
								5%	5%	5%	5%	5%	8%
							grade 4 events	12663	12702	12567	12990	13262	30188
								5%	5%	5%	5%	5%	8%
							grade 5 events	2430	2476	2281	2581	2785	8021
								1%	1%	0%	1%	1%	2%
							grade 6 events	29074	29256	27391	26839	34582	100919
								12%	12%	11%	11%	13%	28%
							grade 7 events	31514	33056	32128	34324	35280	35417
								13%	14%	13%	14%	13%	10%

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	79.98812558126565	Alternating exposures requested	N	N
[deg] Pointing Dec	0	39.97287229035136	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	218.6171880737804			
[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)	188739669.010709	188739667.98598			
Observation start date	2003-12-25T11:41:09	2003-12-25T11:41:07			
[s] Observation end time (MET)	188762741.761713	188762740.73699			
Observation end date	2003-12-25T18:05:42	2003-12-25T18:05:40			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.12.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4664753433168

A.2 Comments