

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61263 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 4 2012

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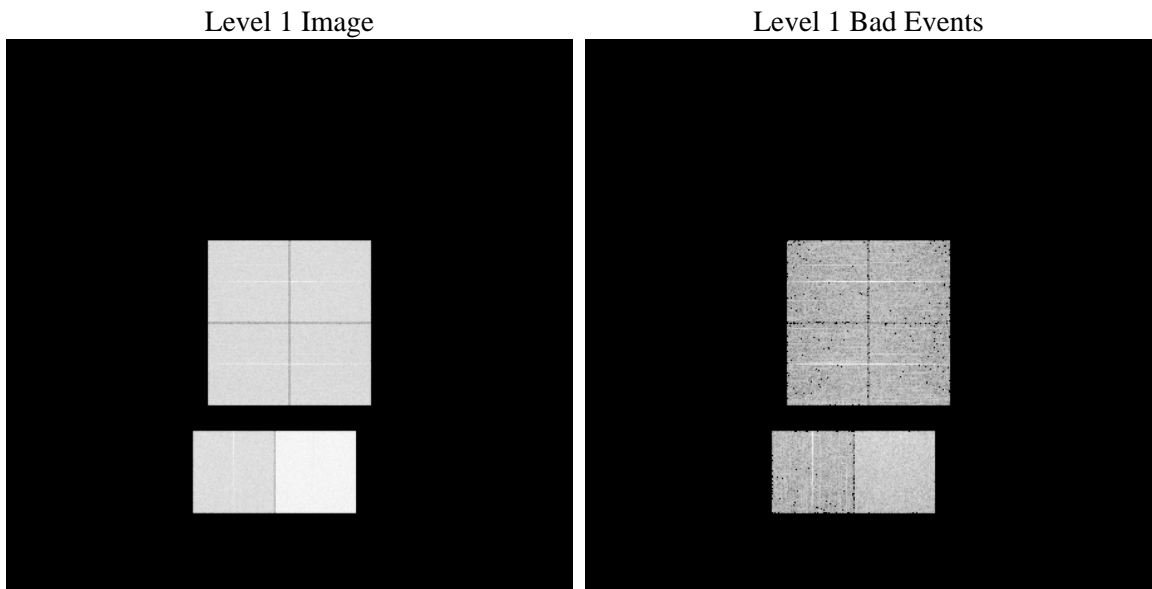
1 Front

seq_num	 	Sequence number
obs_id	61263	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	150.02746792156	Nominal RA [deg]
dec_nom	-18.011690105877	Nominal Dec [deg]
roll_nom	303.10852036635	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8355.2000077665	Sum of GTIs [s]
livetime	8249.4014343707	Livetime [s]
ontime0	3447.409813866	Sum of GTIs [s]
ontime1	3503.4548921585	Sum of GTIs [s]
ontime2	3263.6196366251	Sum of GTIs [s]
ontime3	3288.5174019635	Sum of GTIs [s]
ontime6	3625.7889774591	Sum of GTIs [s]
ontime7	8355.2000077665	Sum of GTIs [s]
l2events	1312993	Number of level 2 events

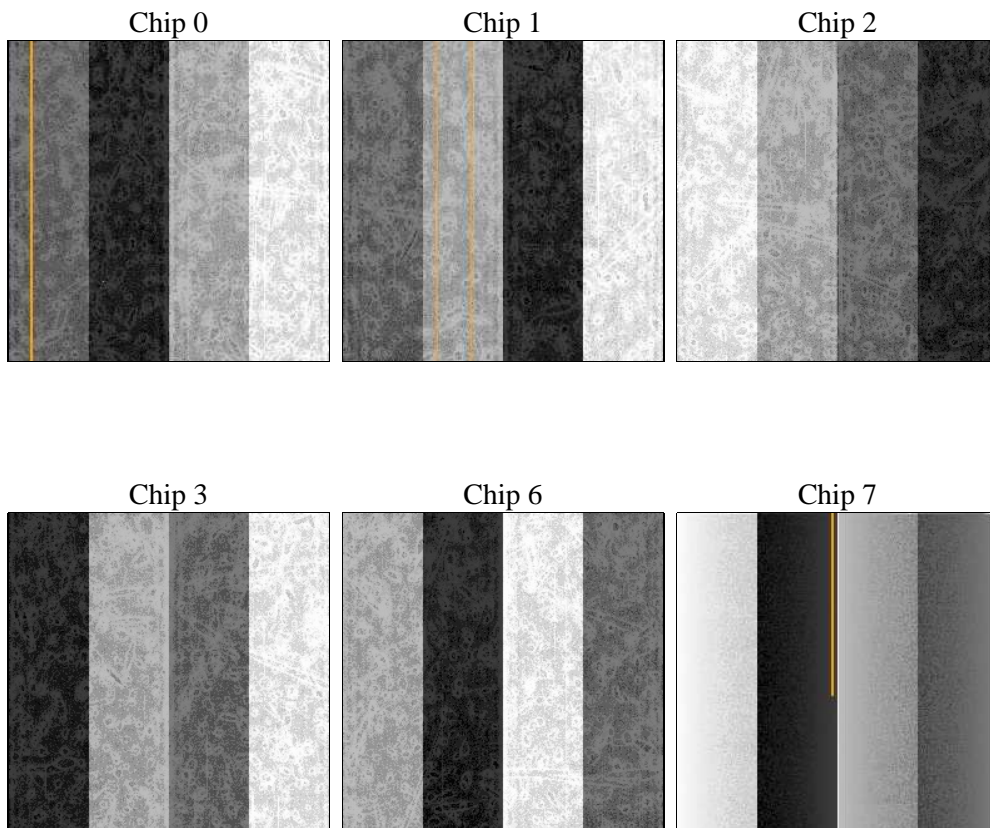
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	2	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	8355.2000077665	Sum of GTIs [s]
caldbver	4.5.2	 	ontime0	3447.409813866	Sum of GTIs [s]
date	2012-10-04T10:34:33	Date and time of file creation	ontime1	3503.4548921585	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	3263.6196366251	Sum of GTIs [s]
			ontime3	3288.5174019635	Sum of GTIs [s]
			ontime6	3625.7889774591	Sum of GTIs [s]
			ontime7	8355.2000077665	Sum of GTIs [s]
			l1events	1562709	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	206982	210572	201115	202670	229831	511539	grade 0 events	99919	102206	96704	98373	109786	117690
rejected events	27161	27301	28530	28163	30254	52598		48%	48%	48%	48%	47%	23%
rejected %	13%	12%	14%	13%	13%	10%	grade 1 events	551	512	492	491	584	287
								0%	0%	0%	0%	0%	0%
							grade 2 events	32297	32869	30844	31145	34794	102543
								15%	15%	15%	15%	15%	20%
							grade 3 events	11593	11821	11092	11110	12622	47385
								5%	5%	5%	5%	5%	9%
							grade 4 events	11703	11700	11049	11299	12487	46769
								5%	5%	5%	5%	5%	9%
							grade 5 events	1752	1910	1696	1770	2082	9327
								0%	0%	0%	0%	0%	1%
							grade 6 events	26546	26853	25136	24612	32275	150575
								12%	12%	12%	12%	14%	29%
							grade 7 events	22621	22701	24102	23870	25201	36963
								10%	10%	11%	11%	10%	7%

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	150.0274679215641	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-18.01169010587703	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	303.1085203663511			
[mm] SIM focus pos	-0.782348	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	132765281.506	132765280.73795			
Observation start date	2002-03-17T15:14:42	2002-03-17T15:14:40			
[s] Observation end time (MET)	132786591.257	132786590.48881			
Observation end date	2002-03-17T21:09:51	2002-03-17T21:09:50			
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)	2012.10.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.3552000077665

A.2 Comments