

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61611 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 17 2012

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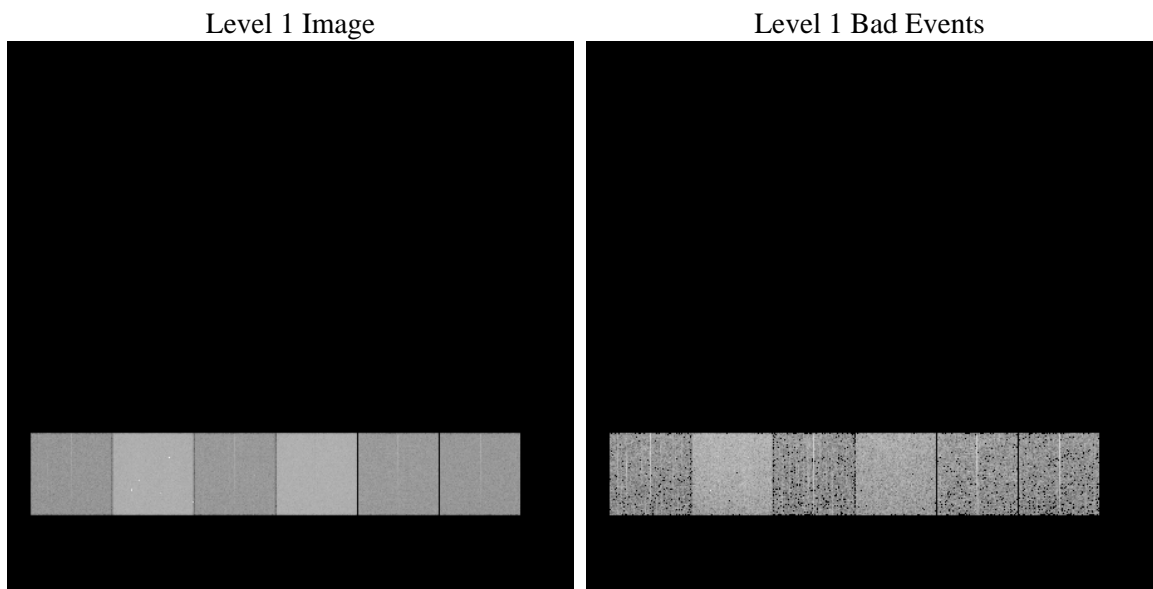
1 Front

seq_num	 	Sequence number
obs_id	61611	Observation id
title	ACIS-456789 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	185.99935141065	Nominal RA [deg]
dec_nom	25.971342240497	Nominal Dec [deg]
roll_nom	236.06976774808	Nominal Roll [deg]
revision	3	Processing version of data
ontime	4534.1257496625	Sum of GTIs [s]
livetime	4476.7119192975	Livetime [s]
ontime4	1844.1497615725	Sum of GTIs [s]
ontime5	4870.390973419	Sum of GTIs [s]
ontime6	1956.7092896849	Sum of GTIs [s]
ontime7	4534.1257496625	Sum of GTIs [s]
ontime8	1996.4784717709	Sum of GTIs [s]
ontime9	1941.2850511819	Sum of GTIs [s]
l2events	1044827	Number of level 2 events

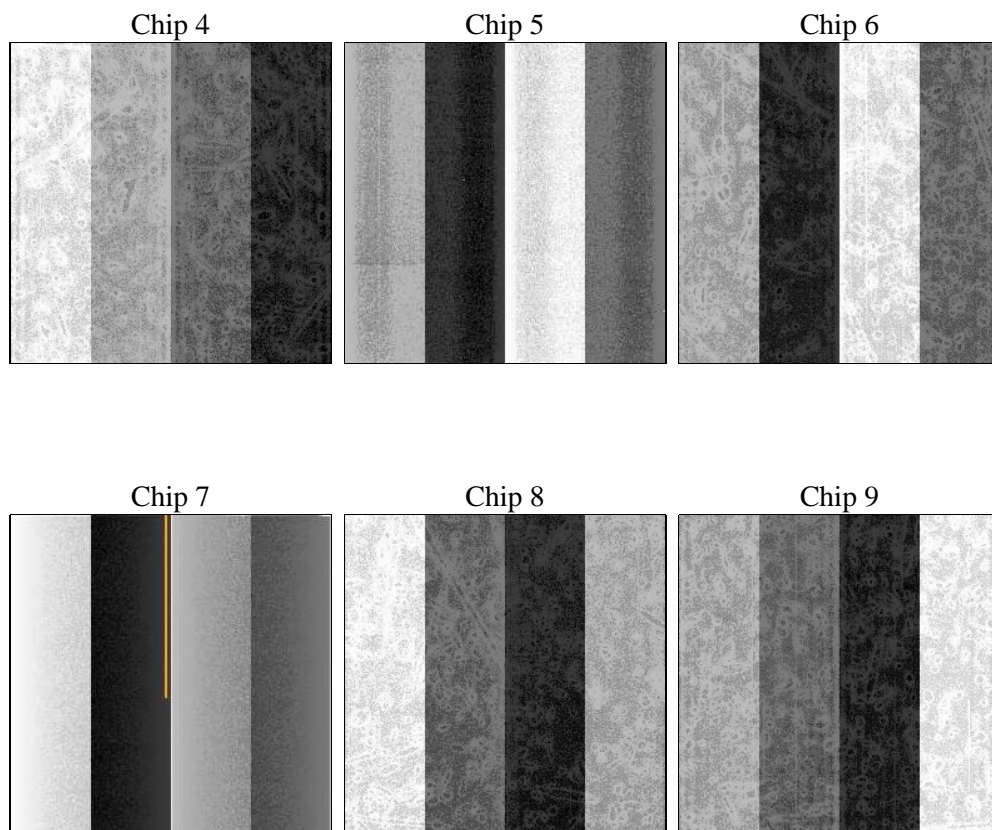
2 OBI

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	8.4.5	Processing system revision	ontime	4534.1257496625	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime4	1844.1497615725	Sum of GTIs [s]
date	2012-09-17T04:13:49	Date and time of file creation	ontime5	4870.390973419	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	1956.7092896849	Sum of GTIs [s]
			ontime7	4534.1257496625	Sum of GTIs [s]
			ontime8	1996.4784717709	Sum of GTIs [s]
			ontime9	1941.2850511819	Sum of GTIs [s]
			l1events	1228205	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9		ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	132772	321164	148651	328914	154745	141959	grade 0 events	66824	74845	72950	78601	76194	70010
rejected events	17312	37650	16948	28092	19256	16139		50%	23%	49%	23%	49%	49%
rejected %	13%	11%	11%	8%	12%	11%	grade 1 events	328	208	345	203	356	362
								0%	0%	0%	0%	0%	0%
							grade 2 events	20701	98935	23052	67690	24002	22481
								15%	30%	15%	20%	15%	15%
							grade 3 events	7281	19407	8244	31412	8813	7907
								5%	6%	5%	9%	5%	5%
							grade 4 events	7147	19603	8138	31103	8668	8089
								5%	6%	5%	9%	5%	5%
							grade 5 events	1033	6511	1183	4876	1304	1190
								0%	2%	0%	1%	0%	0%
							grade 6 events	15658	75432	21053	97288	20043	18940
								11%	23%	14%	29%	12%	13%
							grade 7 events	13800	26223	13686	17741	15365	12980
								10%	8%	9%	5%	9%	9%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-456789	ACIS-456789	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	185.9993514106521	Alternating exposures requested	N	N
[deg] Pointing Dec	0	25.9713422404967	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	236.0697677480764			
[mm] SIM focus pos	-0.684267	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	107411692.299	107411691.53029			
Observation start date	2001-05-28T04:34:52	2001-05-28T04:34:51			
[s] Observation end time (MET)	107420091.149	107420090.38062			
Observation end date	2001-05-28T06:54:51	2001-05-28T06:54:50			
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)	2012.09.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.5341257496625

A.2 Comments