

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61596 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 17 2012

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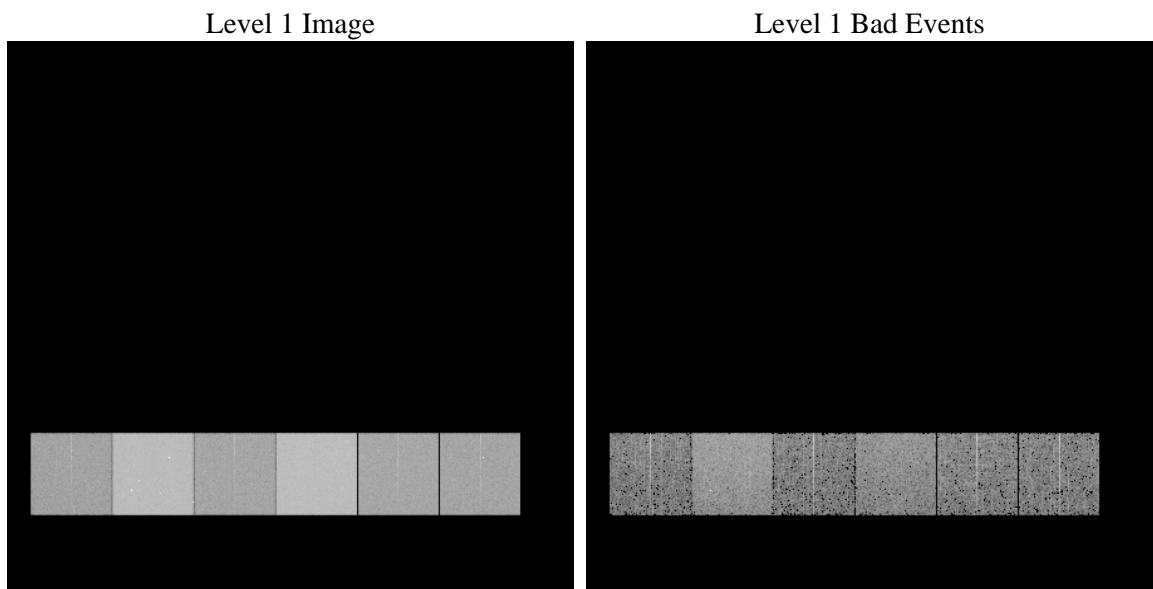
1 Front

seq_num	 	Sequence number
obs_id	61596	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	252.48113806497	Nominal RA [deg]
dec_nom	-5.0217159828605	Nominal Dec [deg]
roll_nom	196.38223234123	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5045.0895000398	Sum of GTIs [s]
livetime	4981.2055390021	Livetime [s]
ontime4	1957.5861414373	Sum of GTIs [s]
ontime5	5433.9645179063	Sum of GTIs [s]
ontime6	2090.4687611759	Sum of GTIs [s]
ontime7	5045.0895000398	Sum of GTIs [s]
ontime8	2168.2536911368	Sum of GTIs [s]
ontime9	2067.7815111428	Sum of GTIs [s]
l2events	1227150	Number of level 2 events

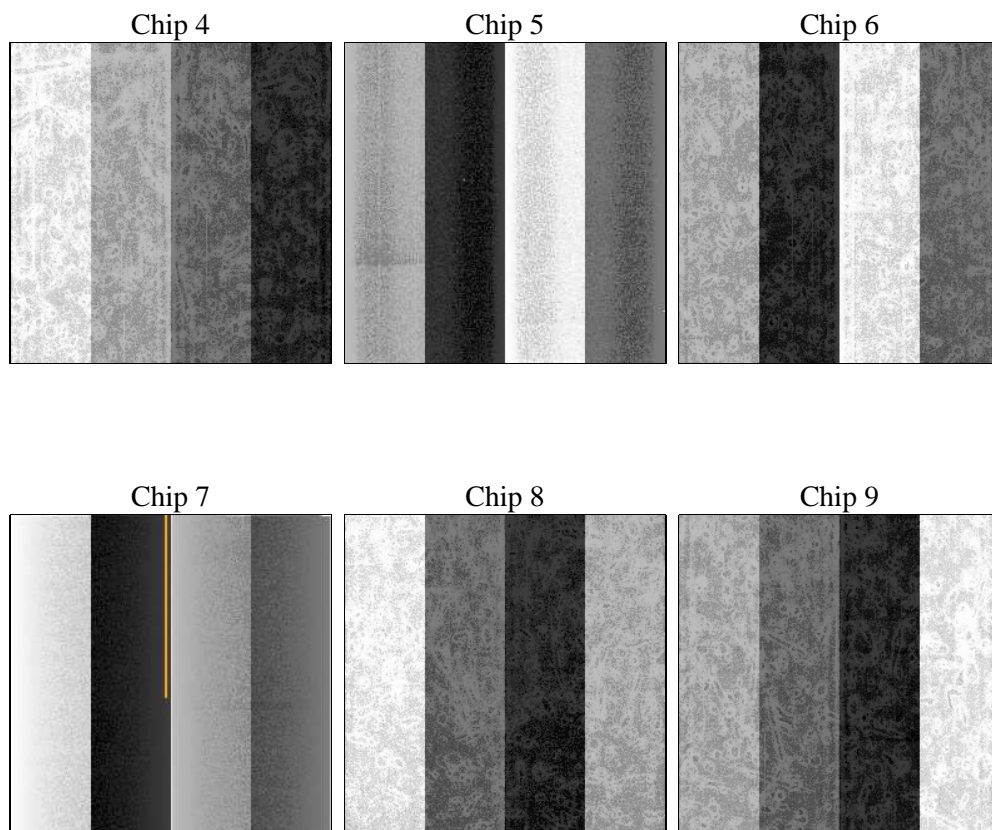
2 OBI

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	5045.0895000398	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime4	1957.5861414373	Sum of GTIs [s]
date	2012-09-17T22:07:55	Date and time of file creation	ontime5	5433.9645179063	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	2090.4687611759	Sum of GTIs [s]
			ontime7	5045.0895000398	Sum of GTIs [s]
			ontime8	2168.2536911368	Sum of GTIs [s]
			ontime9	2067.7815111428	Sum of GTIs [s]
			l1events	1430602	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	151200	377445	169843	387928	179188	164998	grade 0 events	73457	82657	81155	93111	85397	78470
rejected events	19324	41340	18866	27888	21810	19824		48%	21%	47%	24%	47%	47%
rejected %	12%	10%	11%	7%	12%	12%	grade 1 events	495	301	552	244	527	546
								0%	0%	0%	0%	0%	0%
							grade 2 events	22986	118894	26315	79049	27360	25507
								15%	31%	15%	20%	15%	15%
							grade 3 events	8180	21921	9189	35803	9927	8957
								5%	5%	5%	9%	5%	5%
							grade 4 events	8100	21761	9328	35801	10046	9010
								5%	5%	5%	9%	5%	5%
							grade 5 events	1210	8038	1444	5777	1584	1447
								0%	2%	0%	1%	0%	0%
							grade 6 events	19153	90872	24990	116276	24648	23230
								12%	24%	14%	29%	13%	14%
							grade 7 events	17619	33001	16870	21867	19699	17831
								11%	8%	9%	5%	10%	10%

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	252.4811380649718	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-5.021715982860532	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	196.3822323412283			
[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)	108508641.191494	108508640.42302			
Observation start date	2001-06-09T21:17:21	2001-06-09T21:17:20			
[s] Observation end time (MET)	108519791.141928	108519790.37345			
Observation end date	2001-06-10T00:23:11	2001-06-10T00:23:10			
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)	2012.09.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.0450895000398

A.2 Comments