

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61779 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Sep 6 2012

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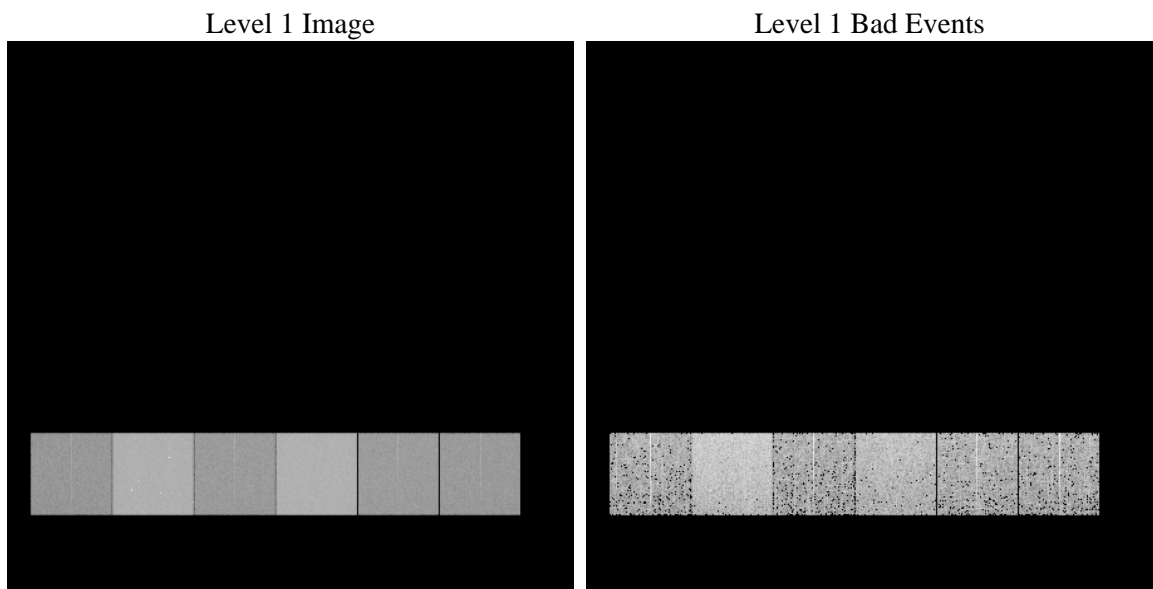
1 Front

seq_num	 	Sequence number
obs_id	61779	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	353.99141698178	Nominal RA [deg]
dec_nom	32.409178425434	Nominal Dec [deg]
roll_nom	305.13956269769	Nominal Roll [deg]
revision	4	Processing version of data
ontime	4877.515136674	Sum of GTIs [s]
livetime	4815.7531031265	Livetime [s]
ontime4	1944.4026257247	Sum of GTIs [s]
ontime5	5230.0011006147	Sum of GTIs [s]
ontime6	2125.900775522	Sum of GTIs [s]
ontime7	4877.515136674	Sum of GTIs [s]
ontime8	2213.4087156951	Sum of GTIs [s]
ontime9	2105.5934457332	Sum of GTIs [s]
l2events	1242684	Number of level 2 events

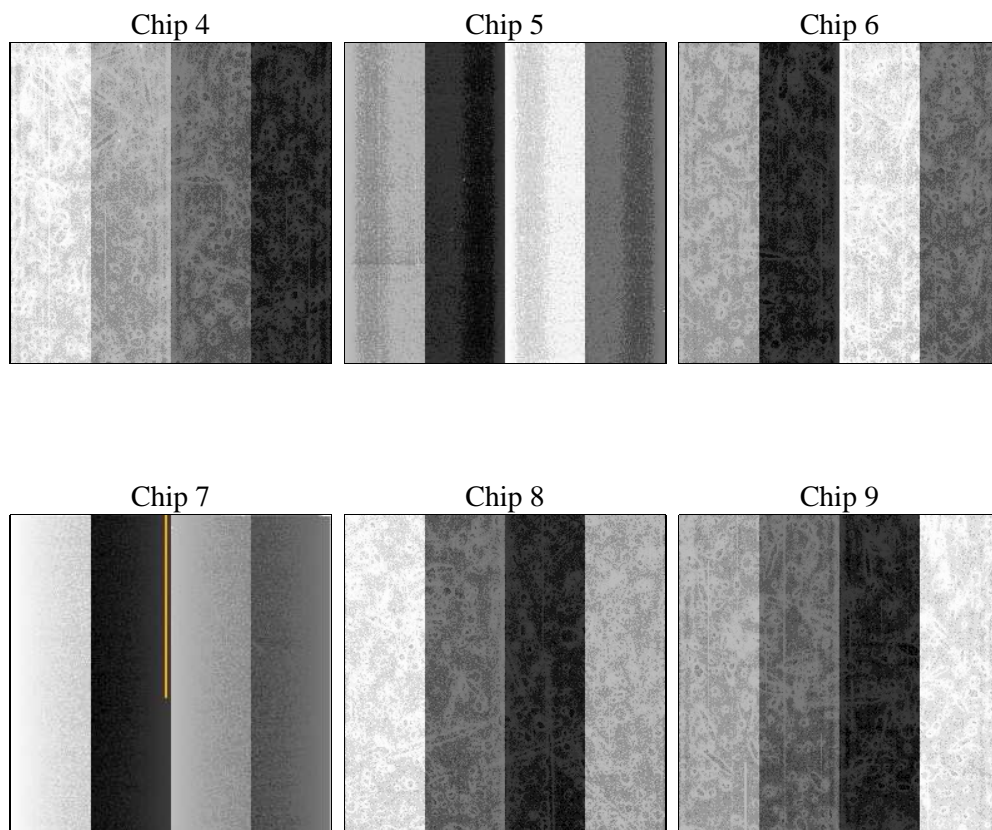
2 OBI

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	4877.515136674	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime4	1944.4026257247	Sum of GTIs [s]
date	2012-09-06T16:47:32	Date and time of file creation	ontime5	5230.0011006147	Sum of GTIs [s]
revision	4	Processing version of data	ontime6	2125.900775522	Sum of GTIs [s]
			ontime7	4877.515136674	Sum of GTIs [s]
			ontime8	2213.4087156951	Sum of GTIs [s]
			ontime9	2105.5934457332	Sum of GTIs [s]
			l1events	1431734	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	151992	371805	175765	381344	183210	167618	grade 0 events	76015	89617	86556	91489	90781	82245
rejected events	17818	36133	17094	25304	18934	17571		50%	24%	49%	23%	49%	49%
rejected %	11%	9%	9%	6%	10%	10%	grade 1 events	397	293	439	237	434	421
								0%	0%	0%	0%	0%	0%
							grade 2 events	23527	113467	27628	78622	28834	26745
								15%	30%	15%	20%	15%	15%
							grade 3 events	8400	22897	9893	36097	10233	9204
								5%	6%	5%	9%	5%	5%
							grade 4 events	8206	22613	9863	36055	10619	9347
								5%	6%	5%	9%	5%	5%
							grade 5 events	1163	7387	1302	5423	1483	1374
								0%	1%	0%	1%	0%	0%
							grade 6 events	18254	87078	24964	114040	24055	22506
								12%	23%	14%	29%	13%	13%
							grade 7 events	16030	28453	15120	19381	16771	15776
								10%	7%	8%	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	353.9914169817757	Alternating exposures requested	N	N
[deg] Pointing Dec	0	32.40917842543352	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	305.1395626976904			
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	95714272.94599999	95714272.17787801			
Observation start date	2001-01-12T19:17:53	2001-01-12T19:17:52			
[s] Observation end time (MET)	95725902.597	95725901.828325			
Observation end date	2001-01-12T22:31:43	2001-01-12T22:31:41			
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)	2012.09.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.877515136674

A.2 Comments