

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 58886 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 5 2012

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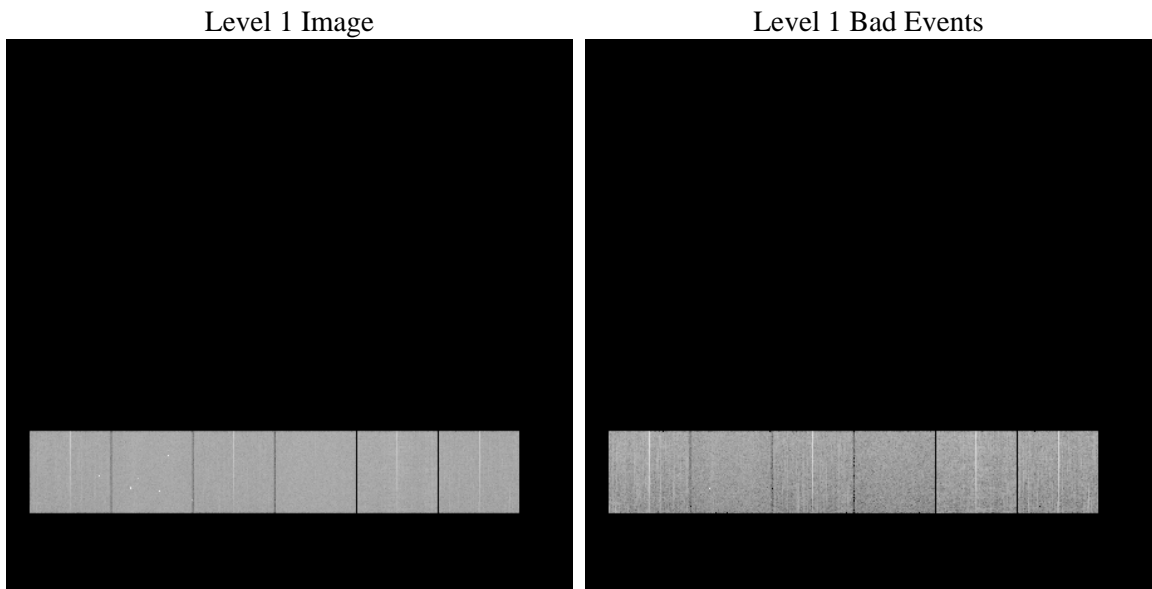
1 Front

seq_num	 	Sequence number
obs_id	58886	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	326.97912349725	Nominal RA [deg]
dec_nom	-26.975095010677	Nominal Dec [deg]
roll_nom	90.341851682552	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8271.9117708802	Sum of GTIs [s]
livetime	8167.16784329	Livetime [s]
ontime4	8271.7886508703	Sum of GTIs [s]
ontime5	8271.8707308769	Sum of GTIs [s]
ontime6	8271.8296908736	Sum of GTIs [s]
ontime7	8271.9117708802	Sum of GTIs [s]
ontime8	8271.747610867	Sum of GTIs [s]
ontime9	8271.9528108835	Sum of GTIs [s]
l2events	893017	Number of level 2 events

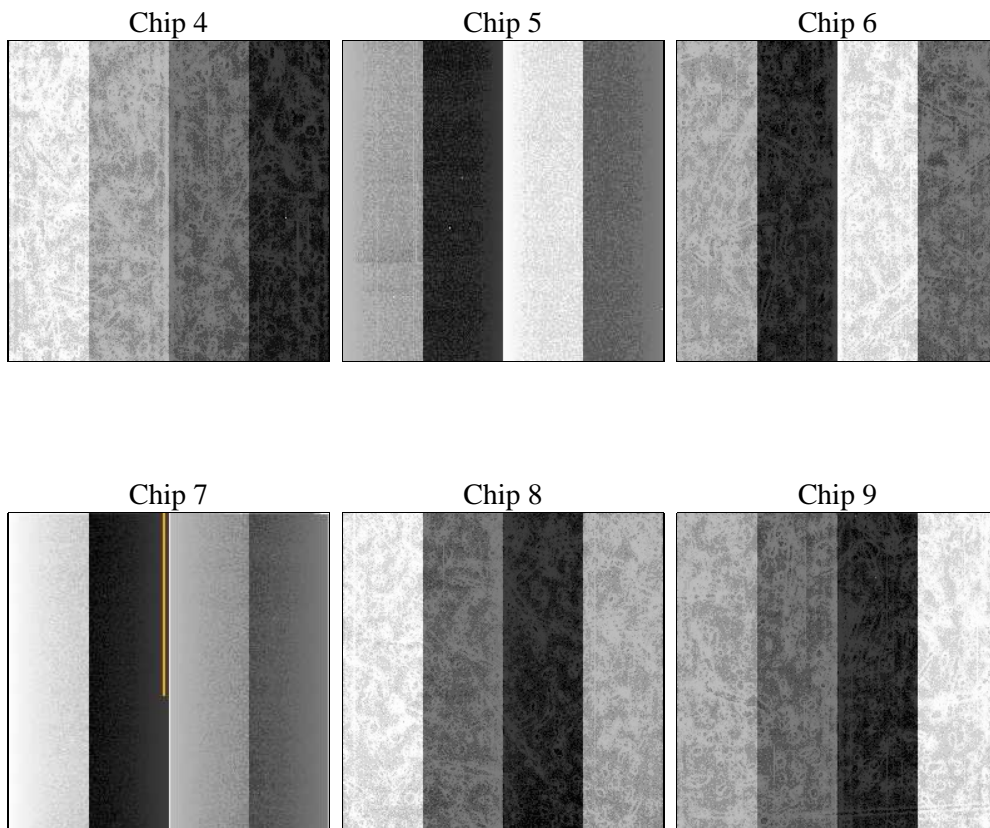
2 OBI

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	8.4.3.1	Processing system revision	ontime	8271.9117708802	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8271.7886508703	Sum of GTIs [s]
date	2012-04-05T11:19:54	Date and time of file creation	ontime5	8271.8707308769	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8271.8296908736	Sum of GTIs [s]
			ontime7	8271.9117708802	Sum of GTIs [s]
			ontime8	8271.747610867	Sum of GTIs [s]
			ontime9	8271.9528108835	Sum of GTIs [s]
			l1events	1373255	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	222540	230787	223888	235807	240142	220091	grade 0 events	85217	28681	83431	39498	87743	82467
rejected events	78228	64737	68554	57414	75419	70751		38%	12%	37%	16%	36%	37%
rejected %	35%	28%	30%	24%	31%	32%	grade 1 events	745	234	403	149	532	563
								0%	0%	0%	0%	0%	0%
							grade 2 events	21366	64000	27293	39326	29025	25224
								9%	27%	12%	16%	12%	11%
							grade 3 events	9850	7624	9667	17231	11042	9497
								4%	3%	4%	7%	4%	4%
							grade 4 events	9783	7475	9616	16765	11053	9597
								4%	3%	4%	7%	4%	4%
							grade 5 events	3898	8796	3999	9584	5007	4344
								1%	3%	1%	4%	2%	1%
							grade 6 events	18142	58315	25407	65642	25929	22625
								8%	25%	11%	27%	10%	10%
							grade 7 events	73539	55662	64072	47612	69811	65774
								33%	24%	28%	20%	29%	29%

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	326.9791234972494	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-26.9750950106765	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	90.34185168255166			
[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)	268929141.345435	268929140.32044			
Observation start date	2006-07-10T14:32:21	2006-07-10T14:32:20			
[s] Observation end time (MET)	268953181.696562	268953180.67157			
Observation end date	2006-07-10T21:13:02	2006-07-10T21:13:00			
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)	2012.04.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2719117708802

A.2 Comments