

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58206 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 1 2012

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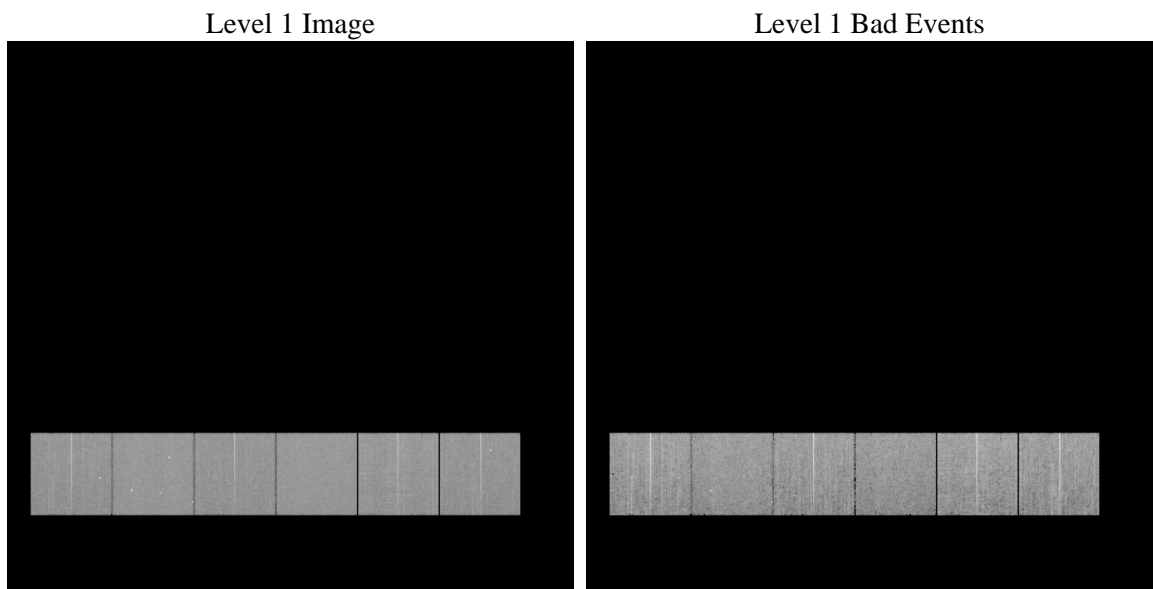
1 Front

seq_num	 	Sequence number
obs_id	58206	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	335.99436996731	Nominal RA [deg]
dec_nom	18.971791441721	Nominal Dec [deg]
roll_nom	222.26702752578	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8179.1999695897	Sum of GTIs [s]
livetime	8075.6300146518	Livetime [s]
ontime4	8179.1999695897	Sum of GTIs [s]
ontime5	8179.1999695897	Sum of GTIs [s]
ontime6	8175.9589793086	Sum of GTIs [s]
ontime7	8179.1999695897	Sum of GTIs [s]
ontime8	8179.1999695897	Sum of GTIs [s]
ontime9	8179.1999695897	Sum of GTIs [s]
l2events	706841	Number of level 2 events

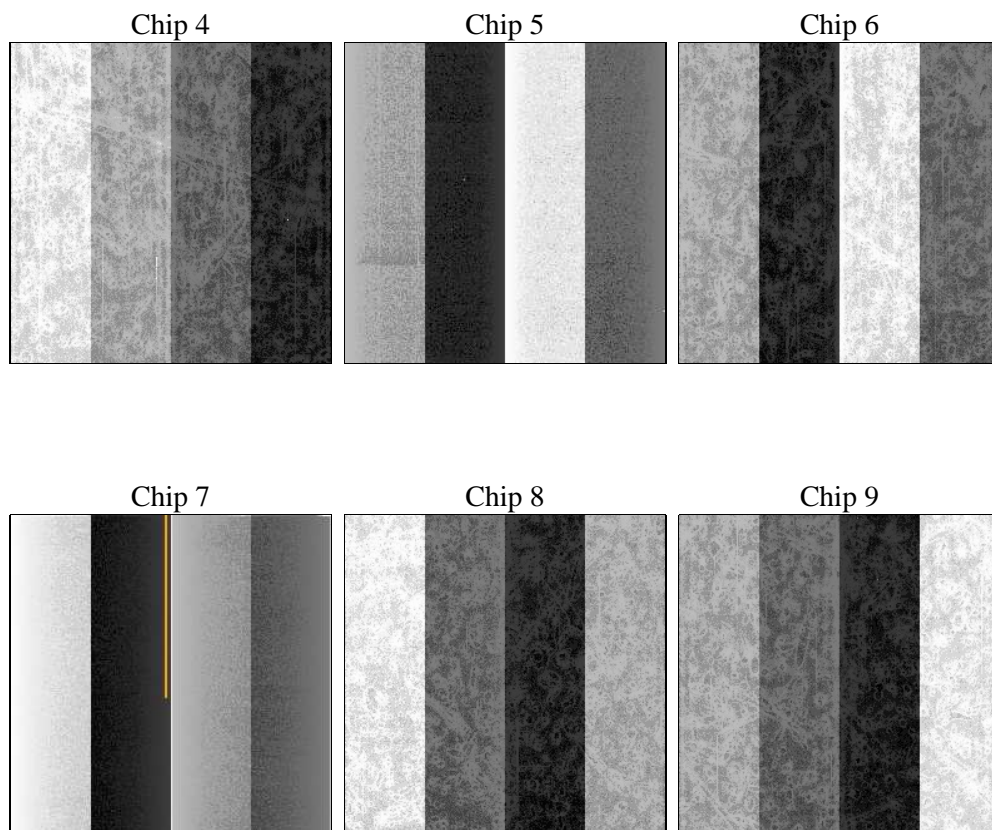
2 OBI

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	8.4.4	Processing system revision	ontime	8179.1999695897	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8179.1999695897	Sum of GTIs [s]
date	2012-05-01T07:17:31	Date and time of file creation	ontime5	8179.1999695897	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8175.9589793086	Sum of GTIs [s]
			ontime7	8179.1999695897	Sum of GTIs [s]
			ontime8	8179.1999695897	Sum of GTIs [s]
			ontime9	8179.1999695897	Sum of GTIs [s]
			l1events	1234916	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	195234	217682	195265	215624	215702	195409	grade 0 events	65053	25837	63502	30852	67409	63332
rejected events	83746	73465	77540	67294	86000	80882		33%	11%	32%	14%	31%	32%
rejected %	42%	33%	39%	31%	39%	41%	grade 1 events	628	490	391	157	422	489
								0%	0%	0%	0%	0%	0%
							grade 2 events	17815	52591	21040	32537	23805	19974
								9%	24%	10%	15%	11%	10%
							grade 3 events	7737	7348	7462	14480	9307	7484
								3%	3%	3%	6%	4%	3%
							grade 4 events	7729	7157	7672	14259	9013	7527
								3%	3%	3%	6%	4%	3%
							grade 5 events	4261	10263	4594	10960	5754	4762
								2%	4%	2%	5%	2%	2%
							grade 6 events	14435	53013	19419	57871	21640	17582
								7%	24%	9%	26%	10%	8%
							grade 7 events	77576	60983	71185	54508	78352	74259
								39%	28%	36%	25%	36%	38%

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	335.9943699673107	Alternating exposures requested	N	N
[deg] Pointing Dec	0	18.97179144172087	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	222.2670275257786			
[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)	306398071.424437	306398070.39943			
Observation start date	2007-09-17T06:34:31	2007-09-17T06:34:30			
[s] Observation end time (MET)	306421176.97555	306421175.95054			
Observation end date	2007-09-17T12:59:37	2007-09-17T12:59:35			
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)	2012.05.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1791999695897

A.2 Comments