

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57185 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 4 2012

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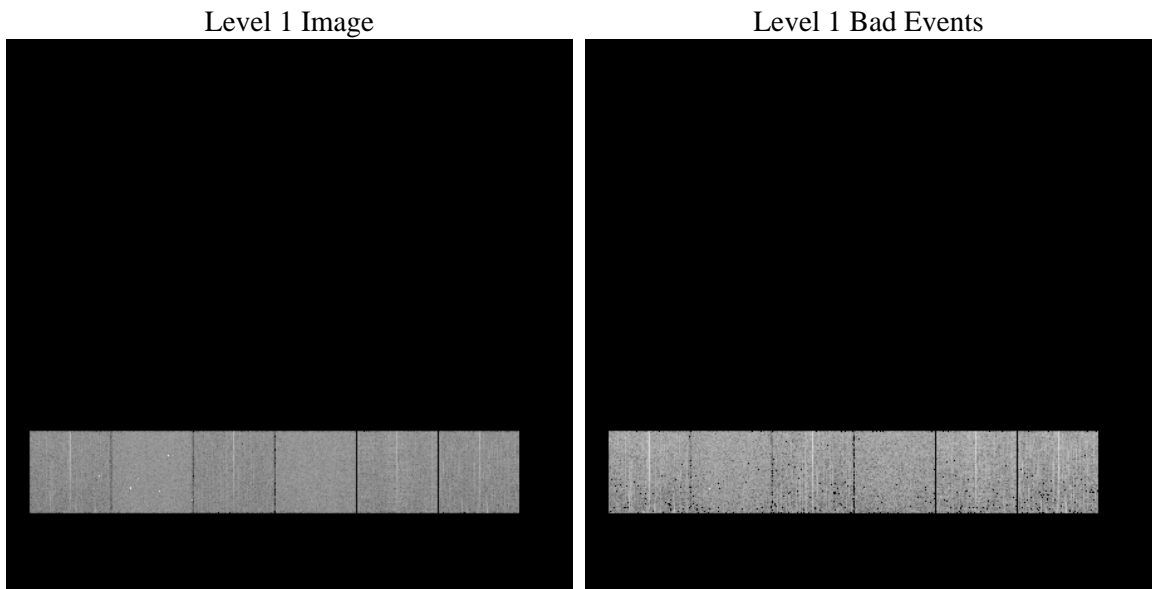
1 Front

seq_num	 	Sequence number
obs_id	57185	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	202.03966165753	Nominal RA [deg]
dec_nom	5.259322098546	Nominal Dec [deg]
roll_nom	176.44223971589	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3272.7624621391	Sum of GTIs [s]
livetime	3231.3207732226	Livetime [s]
ontime4	3272.6393421292	Sum of GTIs [s]
ontime5	3272.7214221358	Sum of GTIs [s]
ontime6	3272.6803821325	Sum of GTIs [s]
ontime7	3272.7624621391	Sum of GTIs [s]
ontime8	3272.5983021259	Sum of GTIs [s]
ontime9	3272.8035021424	Sum of GTIs [s]
l2events	213753	Number of level 2 events

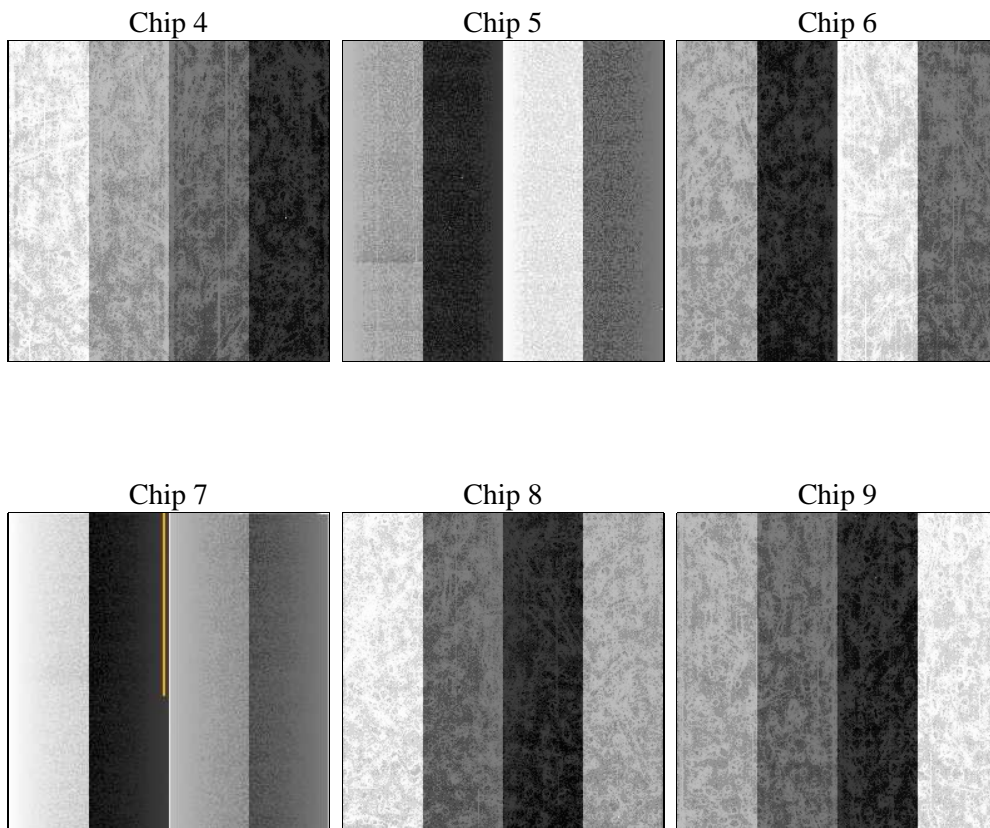
2 OBI

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	3272.7624621391	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	3272.6393421292	Sum of GTIs [s]
date	2012-06-04T04:46:02	Date and time of file creation	ontime5	3272.7214221358	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	3272.6803821325	Sum of GTIs [s]
			ontime7	3272.7624621391	Sum of GTIs [s]
			ontime8	3272.5983021259	Sum of GTIs [s]
			ontime9	3272.8035021424	Sum of GTIs [s]
			l1events	422763	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	64504	79031	63920	76556	72653	66099	grade 0 events	18474	8339	17626	8898	19222	17369
rejected events	32261	29913	30246	28740	33852	33721		28%	10%	27%	11%	26%	26%
rejected %	50%	37%	47%	37%	46%	51%	grade 1 events	198	104	111	72	142	131
								0%	0%	0%	0%	0%	0%
							grade 2 events	5057	17216	6065	10397	7250	5609
								7%	21%	9%	13%	9%	8%
							grade 3 events	2285	2258	2251	4398	3010	2158
								3%	2%	3%	5%	4%	3%
							grade 4 events	2133	2255	2102	4360	2739	2161
								3%	2%	3%	5%	3%	3%
							grade 5 events	1794	4087	1786	4709	2389	2048
								2%	5%	2%	6%	3%	3%
							grade 6 events	4294	19050	5630	19763	6580	5081
								6%	24%	8%	25%	9%	7%
							grade 7 events	30269	25722	28349	23959	31321	31542
								46%	32%	44%	31%	43%	47%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-456789	ACIS-456789
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	202.039661657528
[deg] Pointing Dec	0	5.259322098545957
[deg] Pointing Roll	0.0	176.4422397158854
[mm] SIM focus pos	-1.429586	-0.7809083437167272
[mm] SIM defocus	0.1037507710433287	0.7524282956875696
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	355945211.90873	355945210.88374
Observation start date	2009-04-12T17:40:12	2009-04-12T17:40:10
[s] Observation end time (MET)	355950068.358971	355950067.33398
Observation end date	2009-04-12T19:01:08	2009-04-12T19:01:07
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
Number of optional ACIS chips dropped	0	0
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.06.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.2727624621391

A.2 Comments