

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57827 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 14 2012

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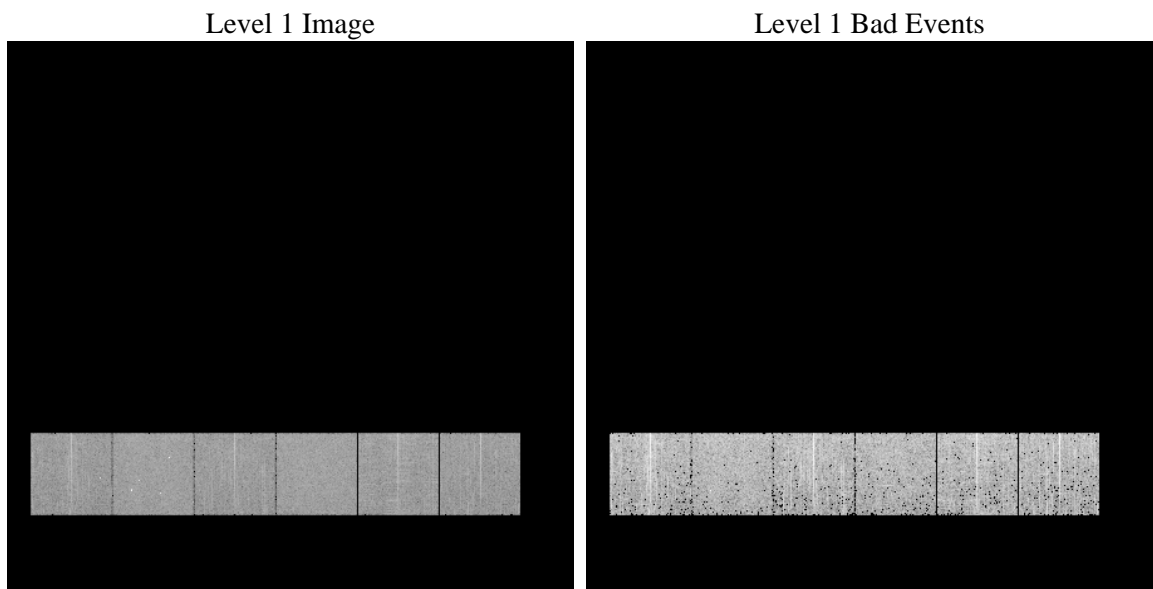
1 Front

seq_num	 	Sequence number
obs_id	57827	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	225.97444171952	Nominal RA [deg]
dec_nom	7.2865376832809	Nominal Dec [deg]
roll_nom	175.04361435085	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2792.9674736261	Sum of GTIs [s]
livetime	2757.601237752	Livetime [s]
ontime4	2792.8443536162	Sum of GTIs [s]
ontime5	2792.9264336228	Sum of GTIs [s]
ontime6	2792.8853936195	Sum of GTIs [s]
ontime7	2792.9674736261	Sum of GTIs [s]
ontime8	2792.8033136129	Sum of GTIs [s]
ontime9	2793.0085136294	Sum of GTIs [s]
l2events	211435	Number of level 2 events

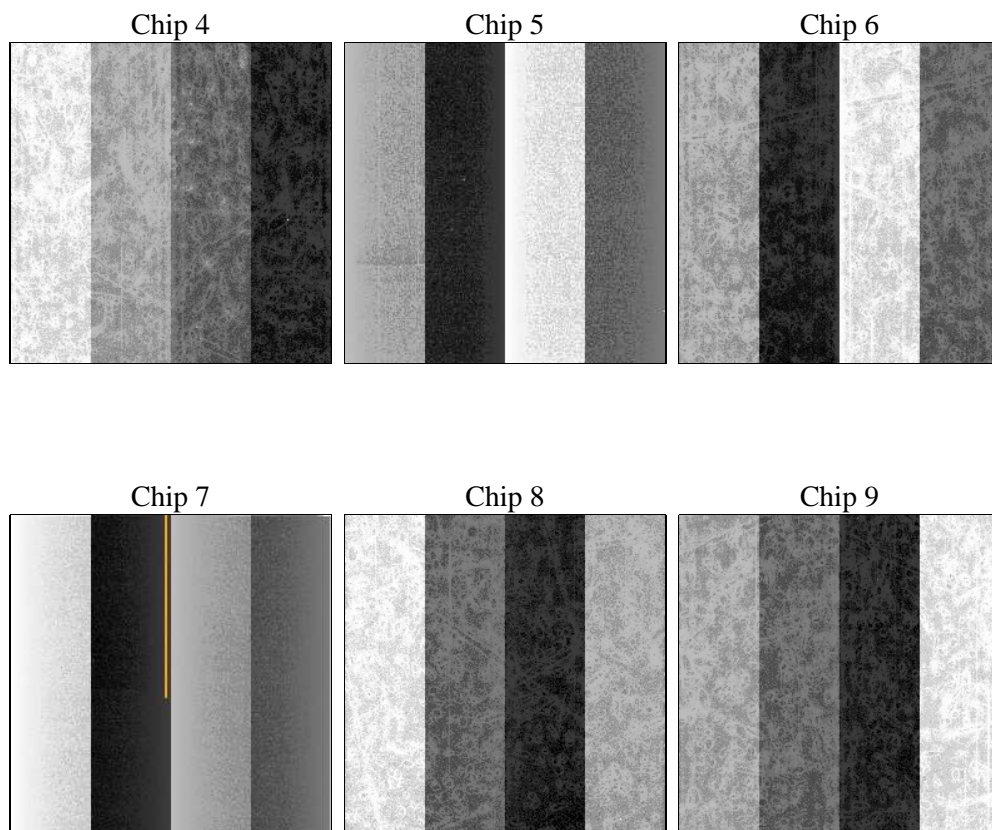
2 OBI

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	2792.9674736261	Sum of GTIs [s]
caldbver	4.4.9	 	ontime4	2792.8443536162	Sum of GTIs [s]
date	2012-05-14T04:16:07	Date and time of file creation	ontime5	2792.9264336228	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	2792.8853936195	Sum of GTIs [s]
			ontime7	2792.9674736261	Sum of GTIs [s]
			ontime8	2792.8033136129	Sum of GTIs [s]
			ontime9	2793.0085136294	Sum of GTIs [s]
			l1events	377621	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	58655	67655	60356	67298	64653	59004	grade 0 events	18836	7864	18609	9273	19673	18243
rejected events	26079	23338	25263	22216	26435	25234		32%	11%	30%	13%	30%	30%
rejected %	44%	34%	41%	33%	40%	42%	grade 1 events	153	126	114	51	132	121
								0%	0%	0%	0%	0%	0%
							grade 2 events	5177	15758	6317	9772	6944	5810
								8%	23%	10%	14%	10%	9%
							grade 3 events	2200	2090	2242	4350	2876	2254
								3%	3%	3%	6%	4%	3%
							grade 4 events	2186	2109	2250	4349	2607	2289
								3%	3%	3%	6%	4%	3%
							grade 5 events	1274	3154	1445	3600	1774	1580
								2%	4%	2%	5%	2%	2%
							grade 6 events	4177	16496	5675	17338	6118	5174
								7%	24%	9%	25%	9%	8%
							grade 7 events	24652	20058	23704	18565	24529	23533
								42%	29%	39%	27%	37%	39%

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	225.9744417195165	Alternating exposures requested	N	N
[deg] Pointing Dec	0	7.286537683280938	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	175.0436143508465			
[mm] SIM focus pos	-1.429586	-0.7809083437167272			
[mm] SIM defocus	0.1037507710433287	0.7524282956875696			
[mm] SIM translation stage pos	250.455976	250.4635187648994			
[mm] SIM translation stage offset	0	-0.007540371344731511			
[s] Observation start time (MET)	326471254.196854	326471253.17187			
Observation start date	2008-05-06T14:27:34	2008-05-06T14:27:33			
[s] Observation end time (MET)	326481288.947343	326481287.92235			
Observation end date	2008-05-06T17:14:49	2008-05-06T17:14:47			
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)	2012.05.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.7929674736261

A.2 Comments