

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 57102 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 7 2012

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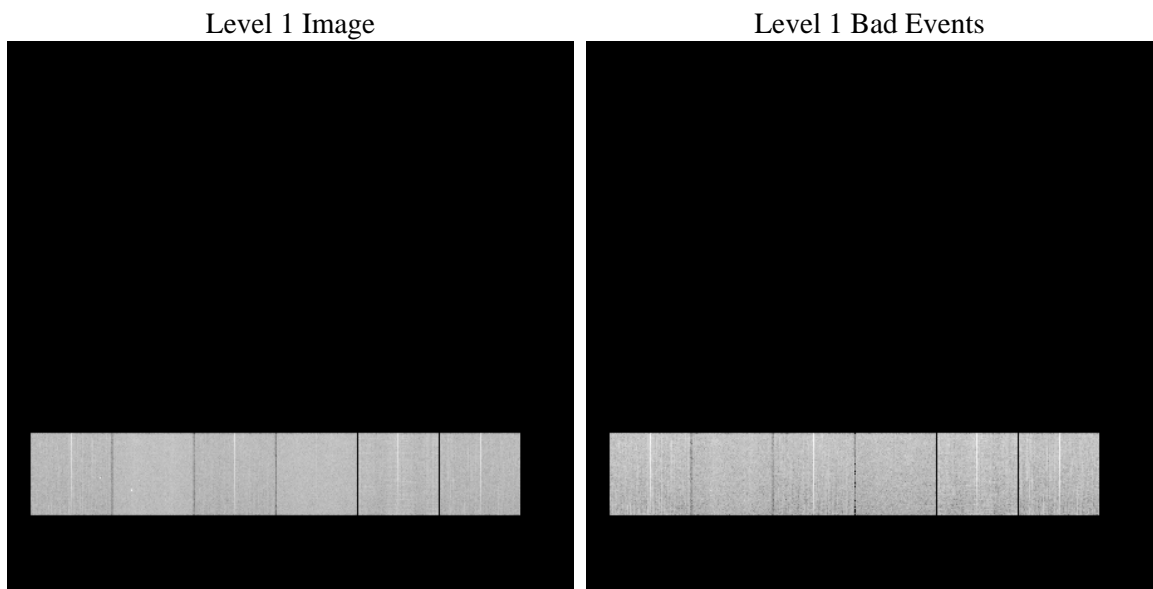
1 Front

seq_num	 	Sequence number
obs_id	57102	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	226.48521392678	Nominal RA [deg]
dec_nom	3.4724346096735	Nominal Dec [deg]
roll_nom	198.42424980687	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8399.9999687672	Sum of GTIs [s]
livetime	8293.6341112899	Livetime [s]
ontime4	8399.9999687672	Sum of GTIs [s]
ontime5	8399.9999687672	Sum of GTIs [s]
ontime6	8399.9999687672	Sum of GTIs [s]
ontime7	8399.9999687672	Sum of GTIs [s]
ontime8	8399.9999687672	Sum of GTIs [s]
ontime9	8399.9999687672	Sum of GTIs [s]
l2events	525662	Number of level 2 events

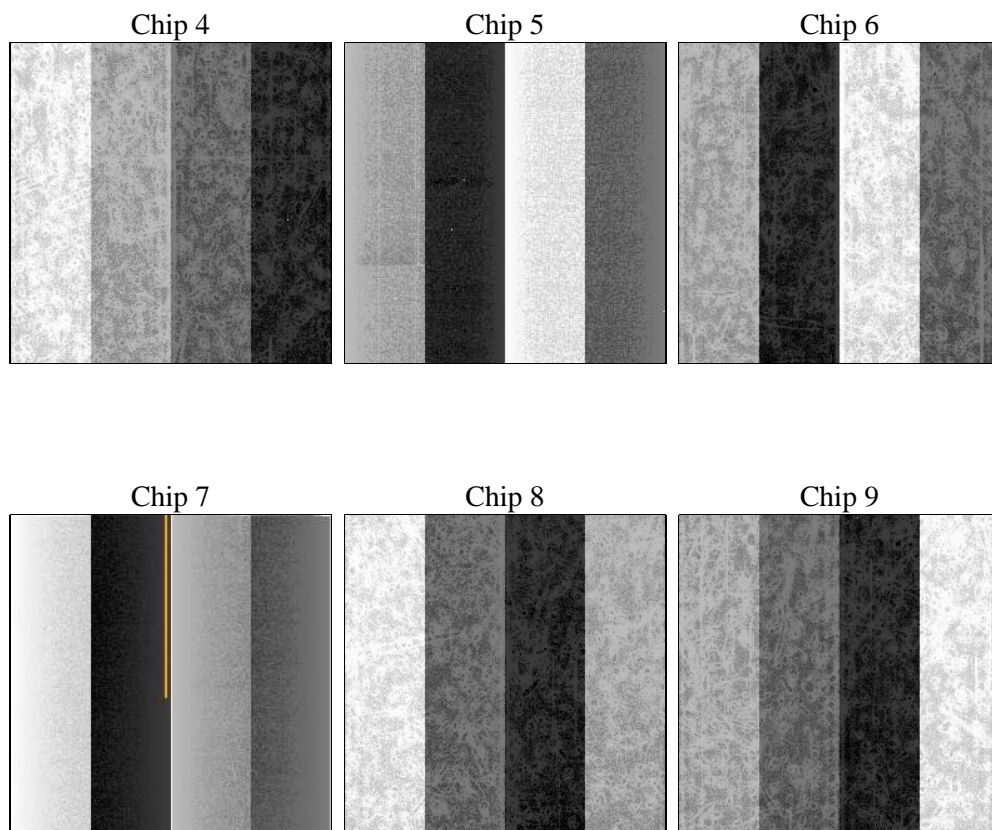
2 OBI

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	8399.9999687672	Sum of GTIs [s]
caldsver	4.4.10	 	ontime4	8399.9999687672	Sum of GTIs [s]
date	2012-06-07T15:57:36	Date and time of file creation	ontime5	8399.9999687672	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8399.9999687672	Sum of GTIs [s]
			ontime7	8399.9999687672	Sum of GTIs [s]
			ontime8	8399.9999687672	Sum of GTIs [s]
			ontime9	8399.9999687672	Sum of GTIs [s]
			l1events	1079524	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	169262	197697	166312	192266	187413	166574	grade 0 events	44696	13292	42276	21108	47604	43030
rejected events	92381	80248	84613	74569	91269	86994		26%	6%	25%	10%	25%	25%
rejected %	54%	40%	50%	38%	48%	52%	grade 1 events	477	269	220	136	355	349
								0%	0%	0%	0%	0%	0%
							grade 2 events	11705	44649	15445	26076	18086	13690
								6%	22%	9%	13%	9%	8%
							grade 3 events	5491	4833	5196	10501	6910	5297
								3%	2%	3%	5%	3%	3%
							grade 4 events	5425	4375	5238	10438	6731	5304
								3%	2%	3%	5%	3%	3%
							grade 5 events	4403	9396	4478	11269	5857	4967
								2%	4%	2%	5%	3%	2%
							grade 6 events	10017	50990	14017	50283	17317	12737
								5%	25%	8%	26%	9%	7%
							grade 7 events	87048	69893	79442	62455	84553	81200
								51%	35%	47%	32%	45%	48%

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	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	226.4852139267796	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	3.472434609673497	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	198.4242498068676	[s] Primary exposure time	3.2	3.2
[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)	358954050.358707	358954049.33366			
Observation start date	2009-05-17T13:27:30	2009-05-17T13:27:29			
[s] Observation end time (MET)	358967336.409371	358967335.38432			
Observation end date	2009-05-17T17:08:56	2009-05-17T17:08:55			
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)	2012.06.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.3999999687672

A.2 Comments