

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57607 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 21 2012

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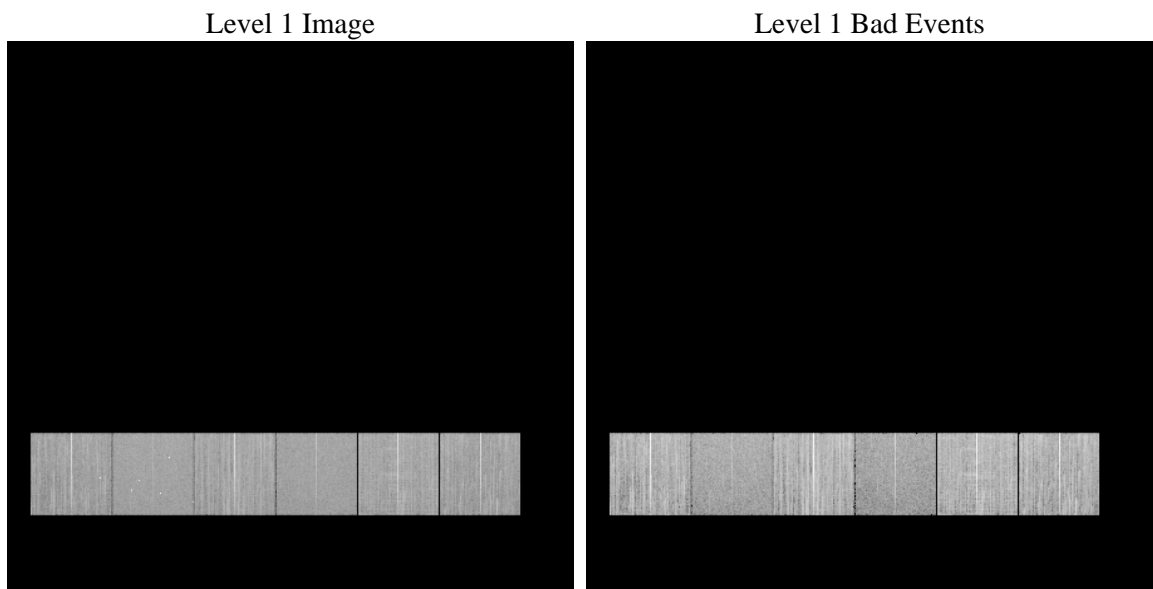
1 Front

seq_num	 	Sequence number
obs_id	57607	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	15.98272004453	Nominal RA [deg]
dec_nom	12.013688341726	Nominal Dec [deg]
roll_nom	122.2139090868	Nominal Roll [deg]
revision	2	Processing version of data
ontime	6086.3190181851	Sum of GTIs [s]
livetime	6009.2503820355	Livetime [s]
ontime4	5101.3519047499	Sum of GTIs [s]
ontime5	6086.2779781818	Sum of GTIs [s]
ontime6	5542.1252638102	Sum of GTIs [s]
ontime7	6086.3190181851	Sum of GTIs [s]
ontime8	5651.8641154766	Sum of GTIs [s]
ontime9	5402.7628833055	Sum of GTIs [s]
l2events	414789	Number of level 2 events

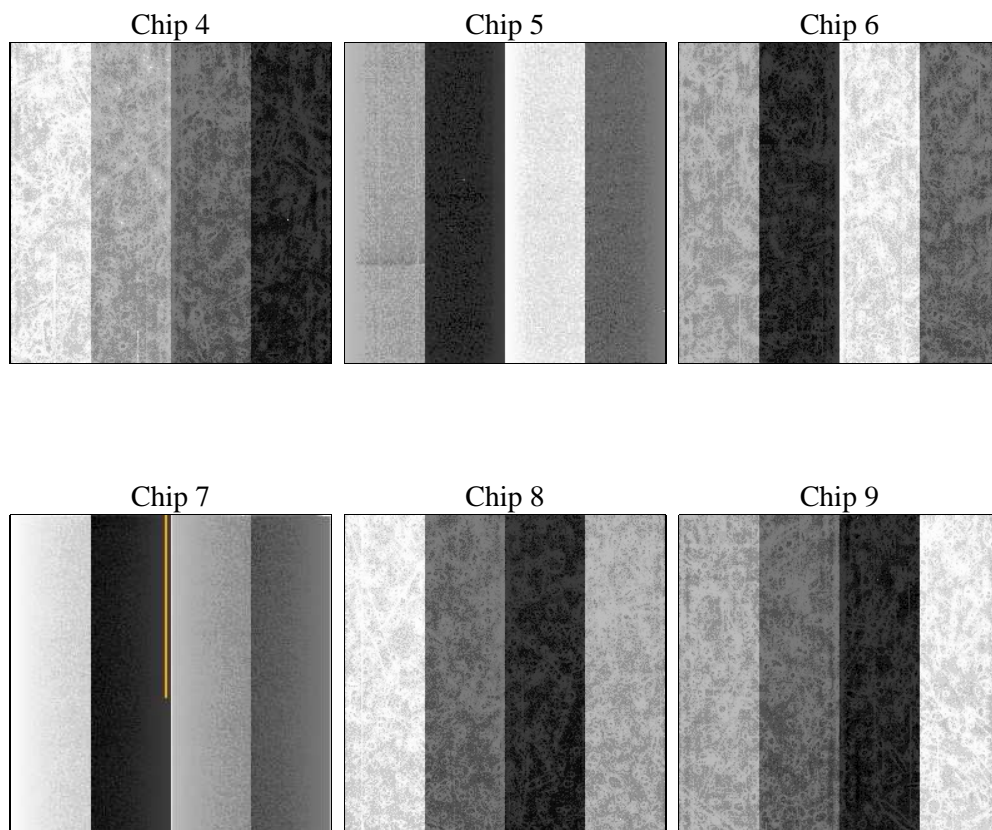
2 OBI

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	6086.3190181851	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	5101.3519047499	Sum of GTIs [s]
date	2012-05-21T10:15:18	Date and time of file creation	ontime5	6086.2779781818	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	5542.1252638102	Sum of GTIs [s]
			ontime7	6086.3190181851	Sum of GTIs [s]
			ontime8	5651.8641154766	Sum of GTIs [s]
			ontime9	5402.7628833055	Sum of GTIs [s]
			l1events	1098191	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	172774	173553	197809	165549	207641	180865	grade 0 events	31516	16107	33916	18390	37393	32046
rejected events	116123	76462	133489	68298	133070	120283		18%	9%	17%	11%	18%	17%
rejected %	67%	44%	67%	41%	64%	66%	grade 1 events	290	162	188	108	253	280
								0%	0%	0%	0%	0%	0%
							grade 2 events	9835	35902	11708	23434	14054	11007
								5%	20%	5%	14%	6%	6%
							grade 3 events	3898	4444	4152	9022	5291	4045
								2%	2%	2%	5%	2%	2%
							grade 4 events	3897	4283	4079	8876	5269	4133
								2%	2%	2%	5%	2%	2%
							grade 5 events	2689	7147	3031	8221	3913	3093
								1%	4%	1%	4%	1%	1%
							grade 6 events	7505	36355	10465	37529	12564	9351
								4%	20%	5%	22%	6%	5%
							grade 7 events	113144	69153	130270	59969	128904	116910
								65%	39%	65%	36%	62%	64%

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	15.98272004452969	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	12.01368834172568	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	122.2139090867966	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.6828225247311905			
[mm] SIM defocus	0.1037507710433287	0.8505141146731063			
[mm] SIM translation stage pos	250.455976	250.4635187648994			
[mm] SIM translation stage offset	0	-0.007540371344731511			
[s] Observation start time (MET)	337891342.765666	337891341.74068			
Observation start date	2008-09-15T18:42:23	2008-09-15T18:42:21			
[s] Observation end time (MET)	337906625.516418	337906624.49143			
Observation end date	2008-09-15T22:57:06	2008-09-15T22:57:04			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.05.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.0863190181851

A.2 Comments