

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57713 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 17 2012

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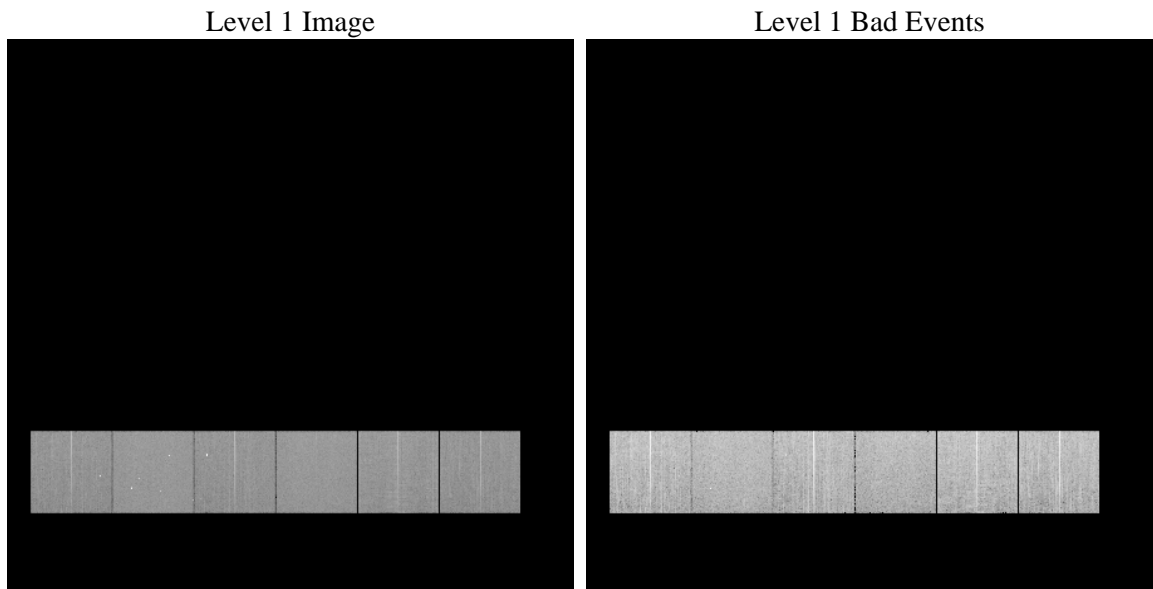
1 Front

seq_num	 	Sequence number
obs_id	57713	Observation id
title	ACIS-456789 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycle	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	141.99664412506	Nominal RA [deg]
dec_nom	-16.028492088799	Nominal Dec [deg]
roll_nom	223.56446504789	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8274.1960740685	Sum of GTIs [s]
livetime	8169.423221256	Livetime [s]
ontime4	8274.0729540586	Sum of GTIs [s]
ontime5	8274.1550340652	Sum of GTIs [s]
ontime6	8261.1500927806	Sum of GTIs [s]
ontime7	8274.1960740685	Sum of GTIs [s]
ontime8	8274.0319140553	Sum of GTIs [s]
ontime9	8274.2371140718	Sum of GTIs [s]
l2events	610922	Number of level 2 events

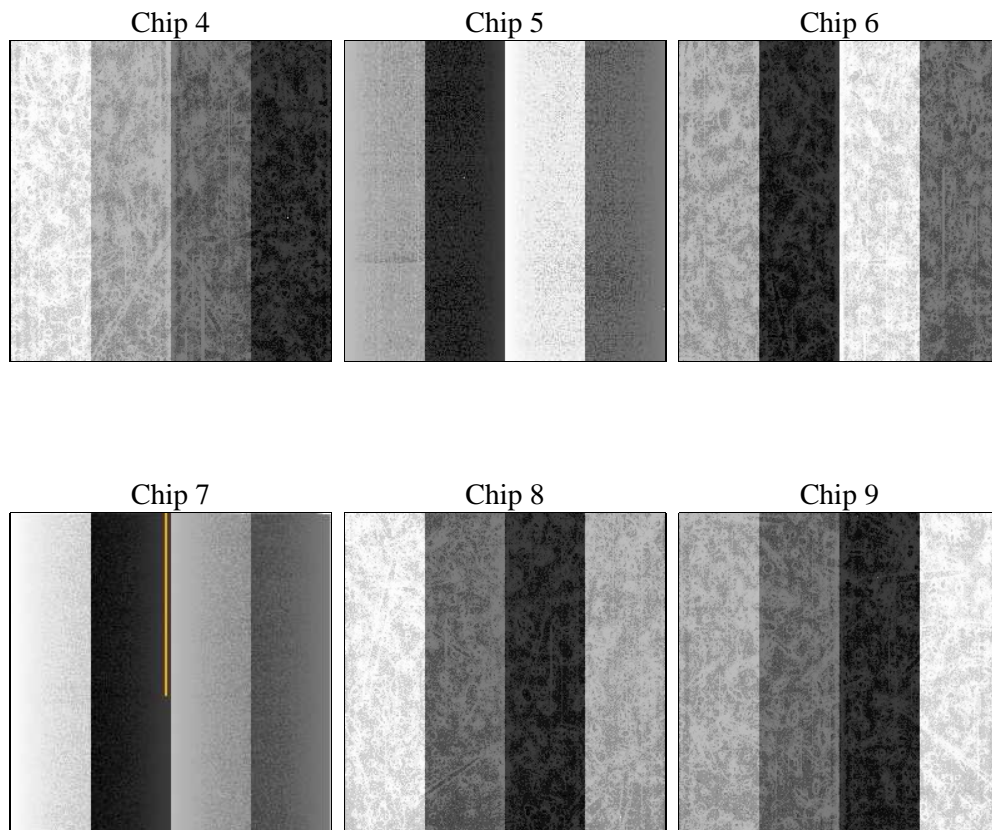
2 OBI

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	8274.1960740685	Sum of GTIs [s]
caldbver	4.4.9	 	ontime4	8274.0729540586	Sum of GTIs [s]
date	2012-05-17T18:03:58	Date and time of file creation	ontime5	8274.1550340652	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8261.1500927806	Sum of GTIs [s]
			ontime7	8274.1960740685	Sum of GTIs [s]
			ontime8	8274.0319140553	Sum of GTIs [s]
			ontime9	8274.2371140718	Sum of GTIs [s]
			l1events	1120594	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	173460	201540	179509	196610	194840	174635	grade 0 events	53663	23563	52657	26176	56578	51515
rejected events	80012	70538	76591	65802	83300	78358		30%	11%	29%	13%	29%	29%
rejected %	46%	34%	42%	33%	42%	44%	grade 1 events	472	412	305	140	403	379
								0%	0%	0%	0%	0%	0%
							grade 2 events	14890	45684	21114	28449	20539	16753
								8%	22%	11%	14%	10%	9%
							grade 3 events	6474	6601	6522	12457	7959	6407
								3%	3%	3%	6%	4%	3%
							grade 4 events	6328	6460	6438	12282	7955	6436
								3%	3%	3%	6%	4%	3%
							grade 5 events	4209	9712	4432	10859	5661	4815
								2%	4%	2%	5%	2%	2%
							grade 6 events	12093	48694	16187	51444	18509	15166
								6%	24%	9%	26%	9%	8%
							grade 7 events	75331	60414	71854	54803	77236	73164
								43%	29%	40%	27%	39%	41%

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	141.9966441250639	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-16.02849208879905	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	223.5644650478928			
[mm] SIM focus pos	-1.429586	-0.6828225247311905			
[mm] SIM defocus	0.1037507710433287	0.8505141146731063			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	331721466.403286	331721465.37829			
Observation start date	2008-07-06T08:51:06	2008-07-06T08:51:05			
[s] Observation end time (MET)	331758628.805105	331758627.78011			
Observation end date	2008-07-06T19:10:29	2008-07-06T19:10:27			
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)	2012.05.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2741960740685

A.2 Comments