

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55447 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 9 2012

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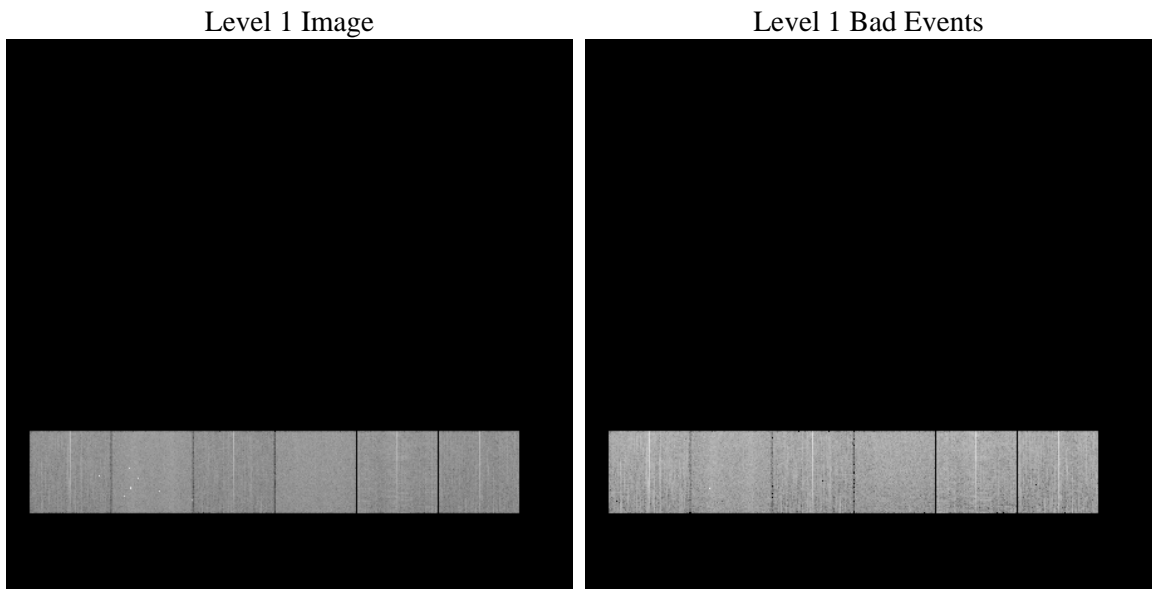
1 Front

seq_num	 	Sequence number
obs_id	55447	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	224.92399116437	Nominal RA [deg]
dec_nom	3.7534228186402	Nominal Dec [deg]
roll_nom	164.73142704766	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8056.488161087	Sum of GTIs [s]
livetime	7954.4720569566	Livetime [s]
ontime4	8056.3650410771	Sum of GTIs [s]
ontime5	8056.4471210837	Sum of GTIs [s]
ontime6	8056.4060810804	Sum of GTIs [s]
ontime7	8056.488161087	Sum of GTIs [s]
ontime8	8056.3240010738	Sum of GTIs [s]
ontime9	8056.5292010903	Sum of GTIs [s]
l2events	331330	Number of level 2 events

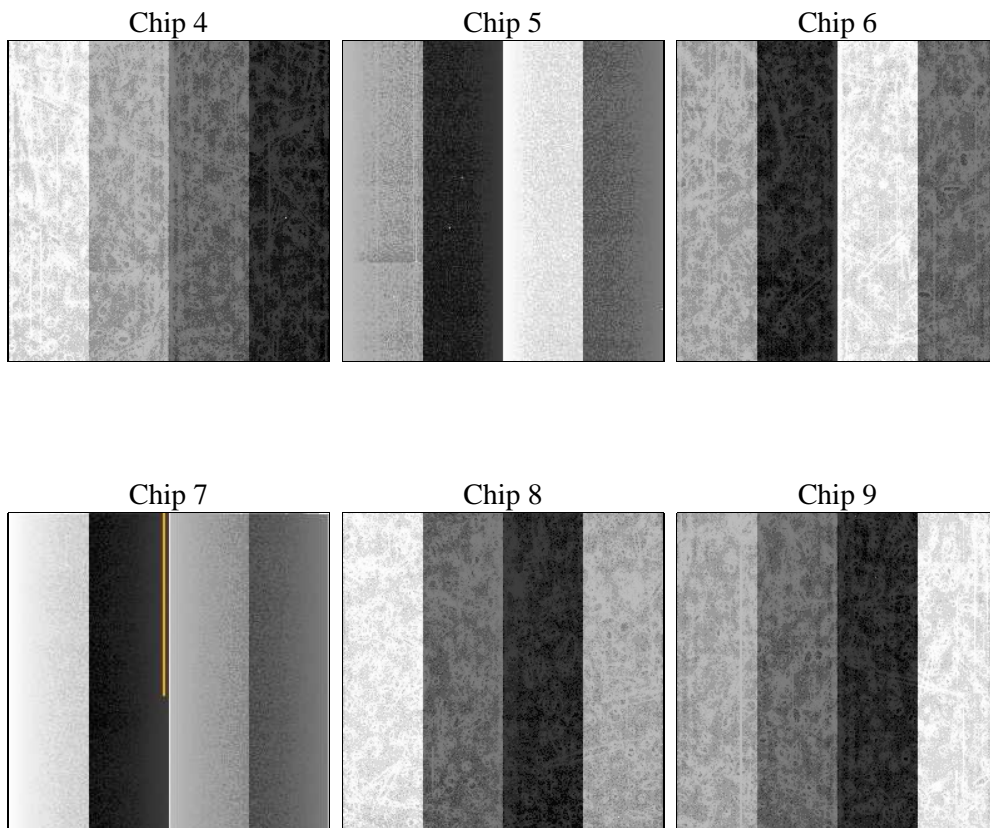
2 OBI

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	8.4.3	Processing system revision	ontime	8056.488161087	Sum of GTIs [s]
caldsver	4.4.7	 	ontime4	8056.3650410771	Sum of GTIs [s]
date	2012-02-09T17:07:01	Date and time of file creation	ontime5	8056.4471210837	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8056.4060810804	Sum of GTIs [s]
			ontime7	8056.488161087	Sum of GTIs [s]
			ontime8	8056.3240010738	Sum of GTIs [s]
			ontime9	8056.5292010903	Sum of GTIs [s]
			l1events	772007	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	120710	149803	114717	139850	131928	114999	grade 0 events	28983	9312	23288	12543	29615	25587
rejected events	72757	67981	65622	63318	71188	66866		24%	6%	20%	8%	22%	22%
rejected %	60%	45%	57%	45%	53%	58%	grade 1 events	276	218	113	123	166	160
								0%	0%	0%	0%	0%	0%
							grade 2 events	7113	31228	12208	17403	12311	9131
								5%	20%	10%	12%	9%	7%
							grade 3 events	3363	2694	2879	6540	4451	3251
								2%	1%	2%	4%	3%	2%
							grade 4 events	3458	2585	2872	6294	4223	3287
								2%	1%	2%	4%	3%	2%
							grade 5 events	3460	7056	3291	8493	4580	3912
								2%	4%	2%	6%	3%	3%
							grade 6 events	6323	38145	9234	35839	11704	8210
								5%	25%	8%	25%	8%	7%
							grade 7 events	67734	58565	60832	52615	64878	61461
								56%	39%	53%	37%	49%	53%

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	224.923991164373
[deg] Pointing Dec	0	3.753422818640248
[deg] Pointing Roll	0.0	164.7314270476572
[mm] SIM focus pos	-1.4281808131	-1.4281808131
[mm] SIM defocus	0.1051557500557434	0.1051557500557434
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	421322777.934782	421322777.934782
Observation start date	2011-05-09T10:06:18	2011-05-09T10:06:17
[s] Observation end time (MET)	421334927.040114	421334927.040114
Observation end date	2011-05-09T13:28:47	2011-05-09T13:28:47
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	OVERRIDE	OVERRIDE
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)	2012.02.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.056488161087

A.2 Comments