

V&V Reference Report

L2 ASCDS Version : 10.4.1

Observation 51648 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Sep 4 2015

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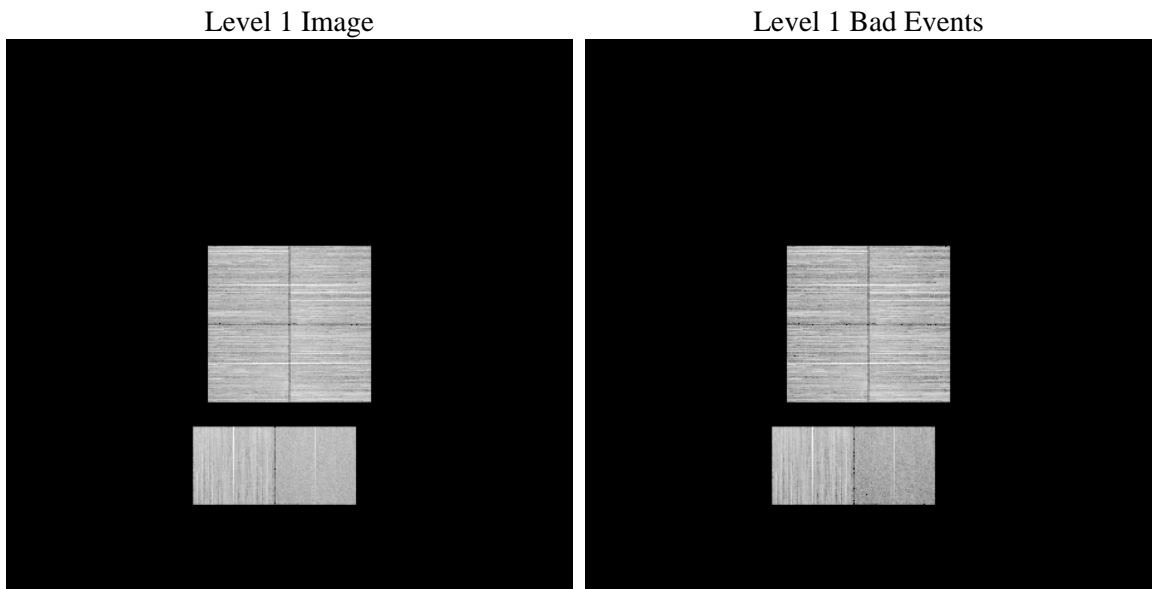
1 Front

seq_num	 	Sequence number
obs_id	51648	Observation id
title	ACIS-012367 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	114.78673890417	Nominal RA [deg]
dec_nom	18.726083076885	Nominal Dec [deg]
roll_nom	82.923257272554	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8459.0118874311	Sum of GTIs [s]
livetime	8351.898785507	Livetime [s]
ontime0	8459.0119870901	Sum of GTIs [s]
ontime1	8452.5300066471	Sum of GTIs [s]
ontime2	8459.0119870901	Sum of GTIs [s]
ontime3	8459.0118874311	Sum of GTIs [s]
ontime6	8460.594746232	Sum of GTIs [s]
ontime7	8459.0118874311	Sum of GTIs [s]
l2events	151969	Number of level 2 events

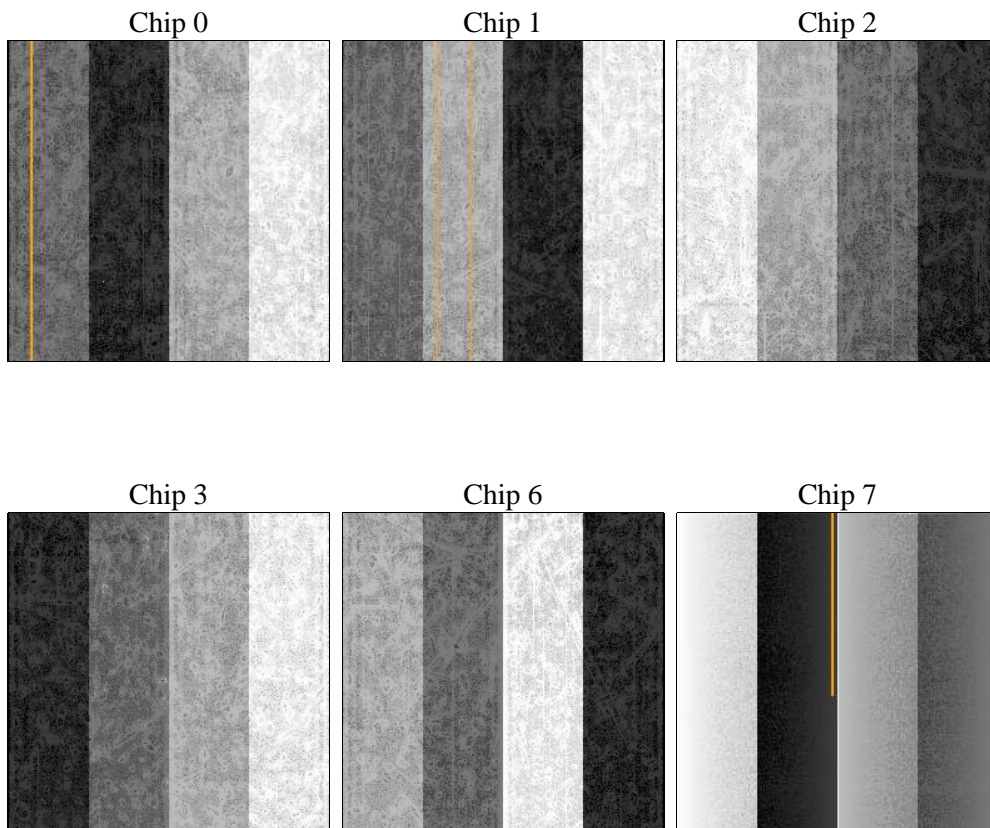
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	2	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	10.4.1	Processing system revision	ontime	8459.0118874311	Sum of GTIs [s]
caldsver	4.6.8	 	ontime0	8459.0119870901	Sum of GTIs [s]
date	2015-09-05T00:58:36	Date and time of file creation	ontime1	8452.5300066471	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8459.0119870901	Sum of GTIs [s]
			ontime3	8459.0118874311	Sum of GTIs [s]
			ontime6	8460.594746232	Sum of GTIs [s]
			ontime7	8459.0118874311	Sum of GTIs [s]
			l1events	905629	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	147316	156910	148740	167020	161212	124431	grade 0 events	10599	10148	10840	10804	10576	6017
rejected events	125213	134626	126680	145002	138493	73759		7%	6%	7%	6%	6%	4%
rejected %	84%	85%	85%	86%	85%	59%	grade 1 events	85	60	86	76	43	81
								0%	0%	0%	0%	0%	0%
							grade 2 events	4813	5025	4522	4375	4832	12461
								3%	3%	3%	2%	2%	10%
							grade 3 events	1546	1594	1611	1648	1494	3972
								1%	1%	1%	0%	0%	3%
							grade 4 events	1614	1617	1601	1620	1563	3853
								1%	1%	1%	0%	0%	3%
							grade 5 events	3062	3072	2966	3361	3228	7904
								2%	1%	1%	2%	2%	6%
							grade 6 events	3531	3900	3486	3571	4271	24369
								2%	2%	2%	2%	2%	19%
							grade 7 events	122066	131494	123628	141565	135205	65774
								82%	83%	83%	84%	83%	52%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	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	114.7867389041667	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	18.72608307688544	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	82.92325727255363	[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	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	557746284.183376	557746283.15838			
Observation start date	2015-09-04T09:31:24	2015-09-04T09:31:23			
[s] Observation end time (MET)	557756464.48395	557756463.45895			
Observation end date	2015-09-04T12:21:04	2015-09-04T12:21:03			
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)	2015.09.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4590118874311

A.2 Comments