

V&V Reference Report

L2 ASCDS Version : 10.4.1

Observation 51629 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Sep 13 2015

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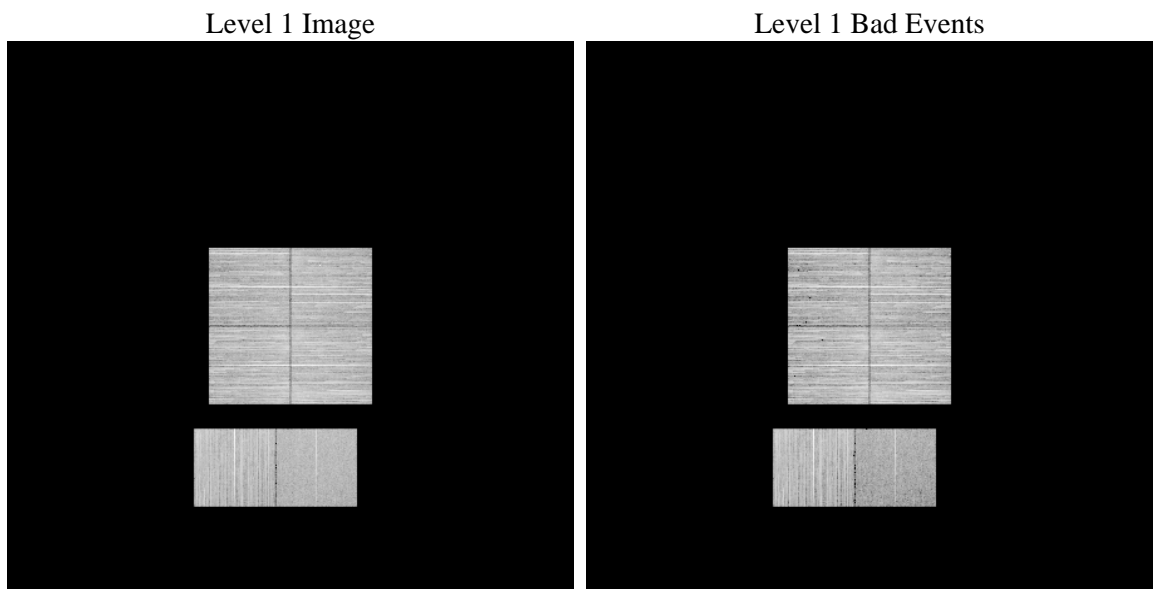
1 Front

seq_num	 	Sequence number
obs_id	51629	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	324.01233974173	Nominal RA [deg]
dec_nom	-12.021998989385	Nominal Dec [deg]
roll_nom	284.56319562885	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8419.2001254559	Sum of GTIs [s]
livetime	8312.5911440336	Livetime [s]
ontime0	8419.2001254559	Sum of GTIs [s]
ontime1	8419.2001254559	Sum of GTIs [s]
ontime2	8419.2001254559	Sum of GTIs [s]
ontime3	8415.959105134	Sum of GTIs [s]
ontime6	8419.2001254559	Sum of GTIs [s]
ontime7	8419.2001254559	Sum of GTIs [s]
l2events	154573	Number of level 2 events

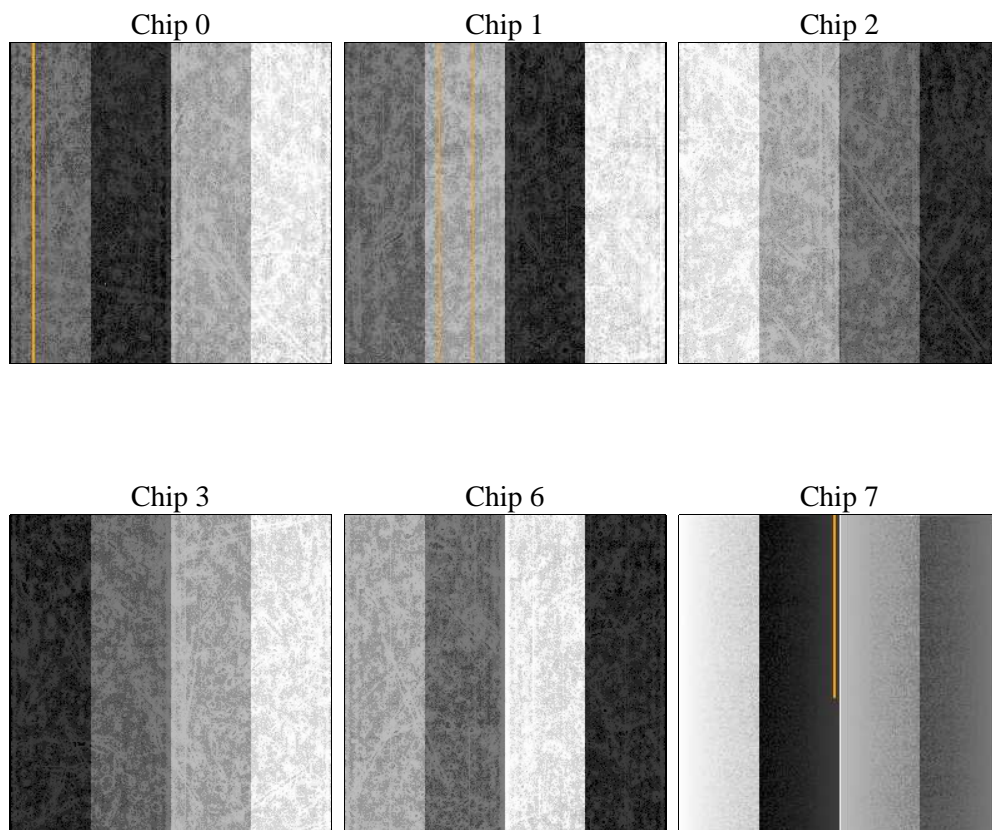
2 OBI

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	10.4.1	Processing system revision	ontime	8419.2001254559	Sum of GTIs [s]
caldsver	4.6.8	 	ontime0	8419.2001254559	Sum of GTIs [s]
date	2015-09-13T12:51:41	Date and time of file creation	ontime1	8419.2001254559	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8419.2001254559	Sum of GTIs [s]
			ontime3	8415.959105134	Sum of GTIs [s]
			ontime6	8419.2001254559	Sum of GTIs [s]
			ontime7	8419.2001254559	Sum of GTIs [s]
			l1events	879901	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	138783	144205	160360	163797	153571	119185	grade 0 events	11129	10817	11544	11257	10968	6150
rejected events	116094	121034	137385	141125	129836	69696		8%	7%	7%	6%	7%	5%
rejected %	83%	83%	85%	86%	84%	58%	grade 1 events	64	53	78	58	48	90
								0%	0%	0%	0%	0%	0%
							grade 2 events	4752	5214	4537	4458	5122	12335
								3%	3%	2%	2%	3%	10%
							grade 3 events	1593	1528	1599	1630	1614	3892
								1%	1%	0%	0%	1%	3%
							grade 4 events	1501	1566	1585	1662	1549	3833
								1%	1%	0%	1%	1%	3%
							grade 5 events	2879	2888	2824	3157	3140	7633
								2%	2%	1%	1%	2%	6%
							grade 6 events	3812	4165	3804	3761	4590	23506
								2%	2%	2%	2%	2%	19%
							grade 7 events	113053	117974	134389	137814	126540	61746
								81%	81%	83%	84%	82%	51%

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	324.0123397417322	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-12.02199898938476	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	284.5631956288547	[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)	558429018.271899	558429017.2469			
Observation start date	2015-09-12T07:10:18	2015-09-12T07:10:17			
[s] Observation end time (MET)	558441223.972587	558441222.94759			
Observation end date	2015-09-12T10:33:44	2015-09-12T10:33:42			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2015.09.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4192001254559

A.2 Comments