

V&V Reference Report

L2 ASCDS Version : 10.4.3

Observation 51381 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Dec 24 2015

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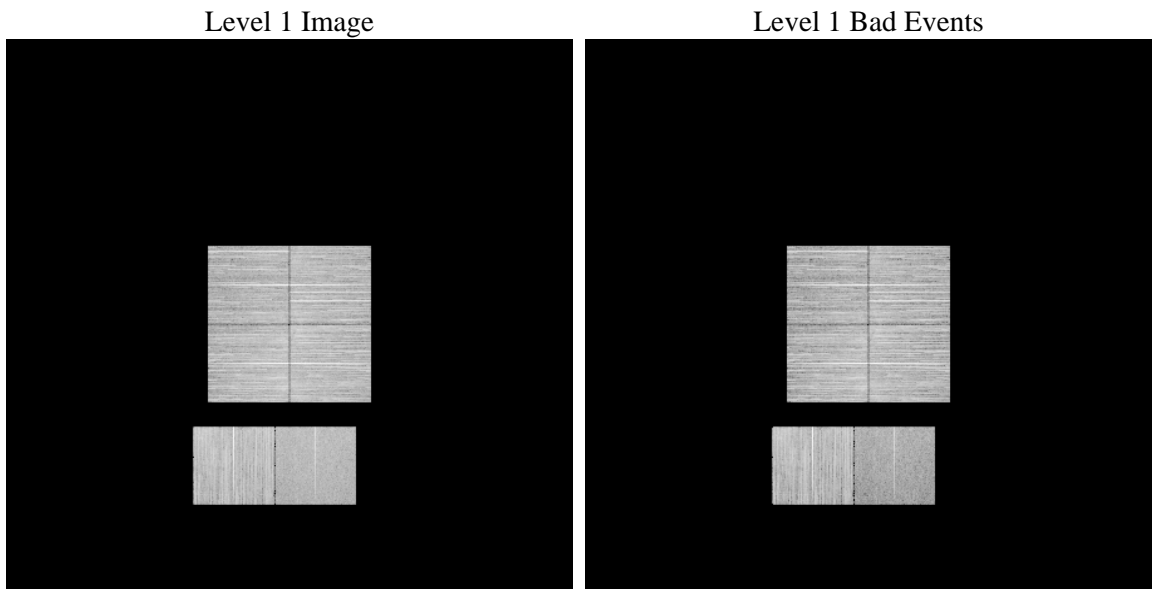
1 Front

seq_num	 	Sequence number
obs_id	51381	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	95.965143396198	Nominal RA [deg]
dec_nom	37.791279670397	Nominal Dec [deg]
roll_nom	164.57849366981	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8280.7913500071	Sum of GTIs [s]
livetime	8175.9349838393	Livetime [s]
ontime0	8280.7913500071	Sum of GTIs [s]
ontime1	8280.7913500071	Sum of GTIs [s]
ontime2	8281.0204430819	Sum of GTIs [s]
ontime3	8280.7913500071	Sum of GTIs [s]
ontime6	8280.9794031382	Sum of GTIs [s]
ontime7	8280.7913500071	Sum of GTIs [s]
l2events	147944	Number of level 2 events

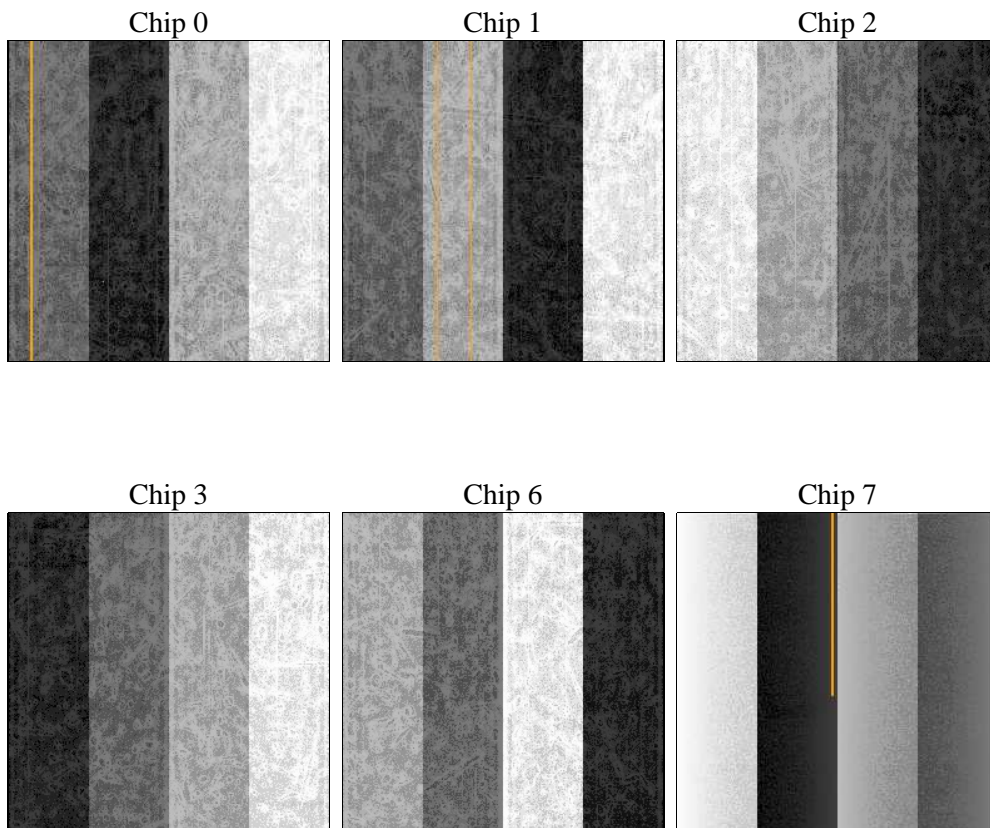
2 OBI

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	10.4.3	Processing system revision	ontime	8280.7913500071	Sum of GTIs [s]
caldbver	4.7.0	 	ontime0	8280.7913500071	Sum of GTIs [s]
date	2015-12-25T02:42:11	Date and time of file creation	ontime1	8280.7913500071	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8281.0204430819	Sum of GTIs [s]
			ontime3	8280.7913500071	Sum of GTIs [s]
			ontime6	8280.9794031382	Sum of GTIs [s]
			ontime7	8280.7913500071	Sum of GTIs [s]
			l1events	938684	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	140307	160996	167597	171640	169224	128920	grade 0 events	9972	9534	10230	10464	9925	5989
rejected events	119497	139633	146730	150688	147729	76768		7%	5%	6%	6%	5%	4%
rejected %	85%	86%	87%	87%	87%	59%	grade 1 events	65	42	72	77	51	94
								0%	0%	0%	0%	0%	0%
							grade 2 events	4525	5048	4233	4115	4586	12888
								3%	3%	2%	2%	2%	9%
							grade 3 events	1432	1519	1533	1518	1543	3956
								1%	0%	0%	0%	0%	3%
							grade 4 events	1448	1483	1504	1509	1518	4067
								1%	0%	0%	0%	0%	3%
							grade 5 events	3128	3139	2996	3444	3413	8723
								2%	1%	1%	2%	2%	6%
							grade 6 events	3433	3779	3375	3346	3929	25252
								2%	2%	2%	1%	2%	19%
							grade 7 events	116304	136452	143654	147167	144259	67951
								82%	84%	85%	85%	85%	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	95.96514339619841	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	37.79127967039746	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	164.5784936698103	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	567299129.712947	567299128.68795			
Observation start date	2015-12-23T23:05:30	2015-12-23T23:05:28			
[s] Observation end time (MET)	567318988.064074	567318987.03907			
Observation end date	2015-12-24T04:36:28	2015-12-24T04:36:27			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2015.12.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2807913500071

A.2 Comments