

V&V Reference Report

L2 ASCDS Version : 10.3.3

Observation 52064 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Feb 20 2015

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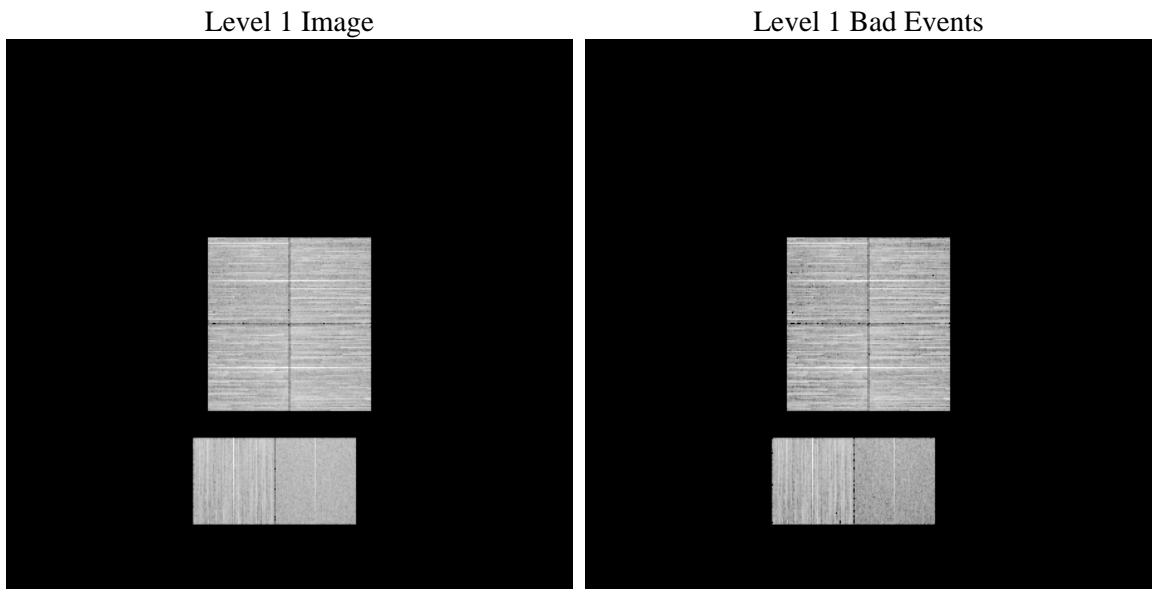
1 Front

seq_num	 	Sequence number
obs_id	52064	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	132.39059964007	Nominal RA [deg]
dec_nom	16.723225180498	Nominal Dec [deg]
roll_nom	267.81061587398	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8236.8001227379	Sum of GTIs [s]
livetime	8132.5007999782	Livetime [s]
ontime0	8233.5591225624	Sum of GTIs [s]
ontime1	8236.8001227379	Sum of GTIs [s]
ontime2	8236.8001227379	Sum of GTIs [s]
ontime3	8236.8001227379	Sum of GTIs [s]
ontime6	8236.8001227379	Sum of GTIs [s]
ontime7	8236.8001227379	Sum of GTIs [s]
l2events	155381	Number of level 2 events

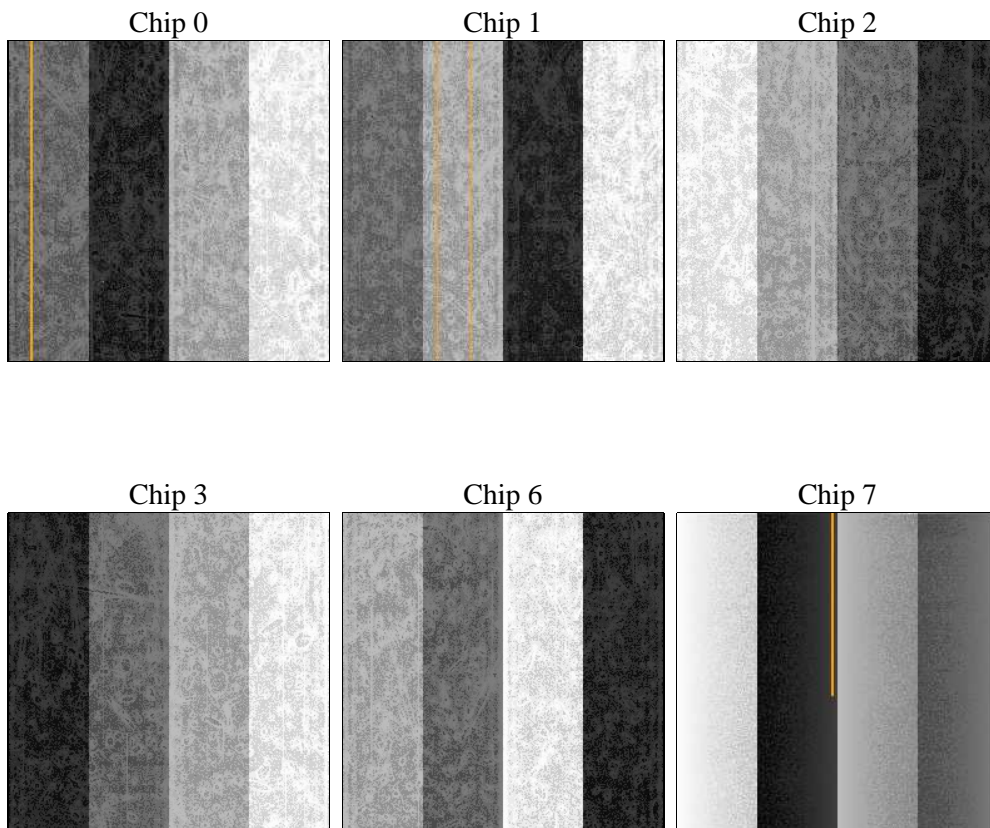
2 OBI

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	10.3.3	Processing system revision	ontime	8236.8001227379	Sum of GTIs [s]
caldbver	4.6.6	 	ontime0	8233.5591225624	Sum of GTIs [s]
date	2015-02-20T15:14:31	Date and time of file creation	ontime1	8236.8001227379	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8236.8001227379	Sum of GTIs [s]
			ontime3	8236.8001227379	Sum of GTIs [s]
			ontime6	8236.8001227379	Sum of GTIs [s]
			ontime7	8236.8001227379	Sum of GTIs [s]
			l1events	805385	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	125623	139452	138948	146508	141209	113645	grade 0 events	11354	11237	11718	11710	11378	6343
rejected events	102674	116041	115908	123529	117286	64598		9%	8%	8%	7%	8%	5%
rejected %	81%	83%	83%	84%	83%	56%	grade 1 events	58	50	71	79	58	84
								0%	0%	0%	0%	0%	0%
							grade 2 events	4790	5078	4557	4541	5092	12292
								3%	3%	3%	3%	3%	10%
							grade 3 events	1585	1594	1636	1630	1675	4004
								1%	1%	1%	1%	1%	3%
							grade 4 events	1625	1619	1595	1658	1623	4058
								1%	1%	1%	1%	1%	3%
							grade 5 events	2686	2830	2561	3099	3044	7372
								2%	2%	1%	2%	2%	6%
							grade 6 events	3707	4004	3655	3551	4306	22626
								2%	2%	2%	2%	3%	19%
							grade 7 events	99818	113040	113155	120240	114033	56866
								79%	81%	81%	82%	80%	50%

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	OVERRIDE	OVERRIDE
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	132.3905996400707	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	16.7232251804982	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	267.8106158739837	[s] Primary exposure time	3.2	3.2
SIM focus pos (mm)	-1.4281808131	-1.4281808131			
[mm] SIM defocus	0.1051557500557434	0.1051557500557434			
SIM translation stage pos (mm)	250.4635187649	250.4635187649			
[mm] SIM translation stage offset	-0.007542945905271381	-0.007542945905271381			
[s] Observation start time (MET)	540795700.381712	540795700.381712			
Observation start date	2015-02-20T05:01:40	2015-02-20T05:01:40			
[s] Observation end time (MET)	540805248.484056	540805248.484056			
Observation end date	2015-02-20T07:40:48	2015-02-20T07:40:48			
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)	2015.02.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2368001227379

A.2 Comments