

V&V Reference Report

L2 ASCDS Version : 10.2.4

Observation 52493 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Sep 7 2014

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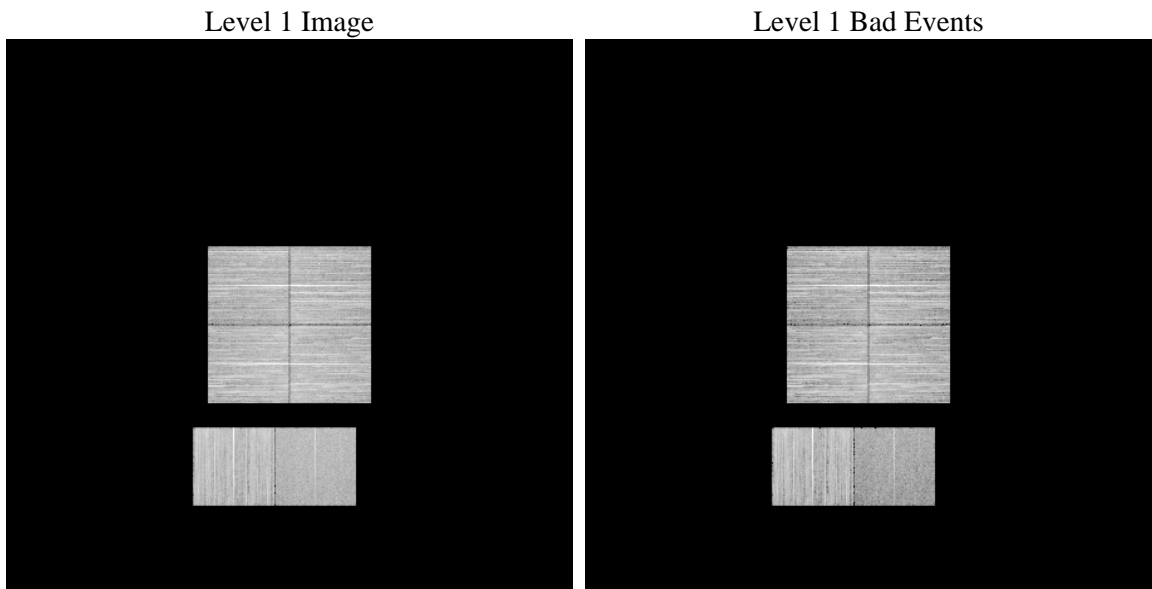
1 Front

seq_num	 	Sequence number
obs_id	52493	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	334.75845277059	Nominal RA [deg]
dec_nom	3.2645071072302	Nominal Dec [deg]
roll_nom	226.83739290815	Nominal Roll [deg]
revision	1	Processing version of data
ontime	7443.9512658715	Sum of GTIs [s]
livetime	7349.6914727337	Livetime [s]
ontime0	7443.9922960401	Sum of GTIs [s]
ontime1	7444.0333360434	Sum of GTIs [s]
ontime2	7444.0743858814	Sum of GTIs [s]
ontime3	7443.9102160335	Sum of GTIs [s]
ontime6	7446.3999723196	Sum of GTIs [s]
ontime7	7443.9512658715	Sum of GTIs [s]
l2events	156571	Number of level 2 events

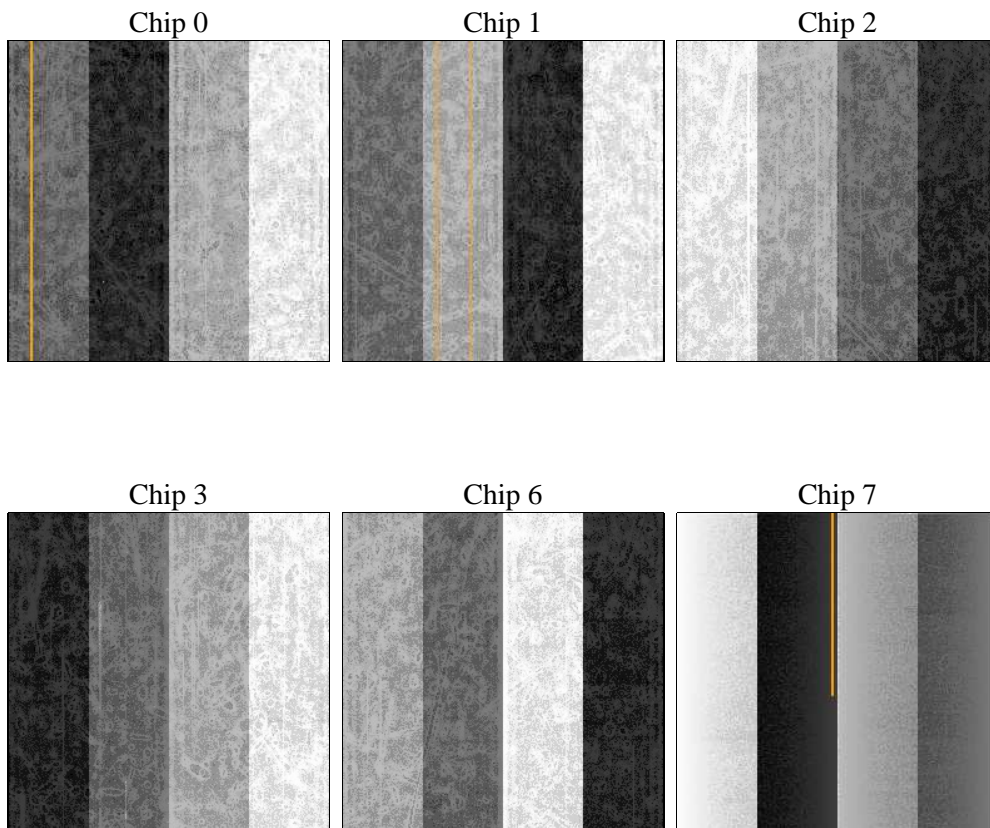
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	10.2.4	Processing system revision	ontime	7443.9512658715	Sum of GTIs [s]
caldbver	4.6.3	 	ontime0	7443.9922960401	Sum of GTIs [s]
date	2014-09-07T13:03:56	Date and time of file creation	ontime1	7444.0333360434	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	7444.0743858814	Sum of GTIs [s]
			ontime3	7443.9102160335	Sum of GTIs [s]
			ontime6	7446.3999723196	Sum of GTIs [s]
			ontime7	7443.9512658715	Sum of GTIs [s]
			l1events	812352	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	127250	136188	147661	141457	149955	109841	grade 0 events	11513	11357	12062	12017	11908	6432
rejected events	103935	112810	124251	117833	125404	61421		9%	8%	8%	8%	7%	5%
rejected %	81%	82%	84%	83%	83%	55%	grade 1 events	72	61	72	80	52	113
								0%	0%	0%	0%	0%	0%
							grade 2 events	4741	5011	4566	4568	5191	11970
								3%	3%	3%	3%	3%	10%
							grade 3 events	1675	1548	1646	1733	1568	3882
								1%	1%	1%	1%	1%	3%
							grade 4 events	1624	1633	1572	1647	1589	3983
								1%	1%	1%	1%	1%	3%
							grade 5 events	2590	2585	2451	2857	2848	6925
								2%	1%	1%	2%	1%	6%
							grade 6 events	3762	3829	3564	3659	4295	22153
								2%	2%	2%	2%	2%	20%
							grade 7 events	101273	110164	121728	114896	122504	54383
								79%	80%	82%	81%	81%	49%

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	334.7584527705915	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	3.264507107230204	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	226.8373929081539	[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)	526402989.880121	526402988.85512			
Observation start date	2014-09-06T15:03:10	2014-09-06T15:03:08			
[s] Observation end time (MET)	526413783.13072	526413782.10572			
Observation end date	2014-09-06T18:03:03	2014-09-06T18:03:02			
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)	2014.09.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.4439512658715

A.2 Comments