

V&V Reference Report

L2 ASCDS Version : 10.2.4

Observation 52480 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Sep 10 2014

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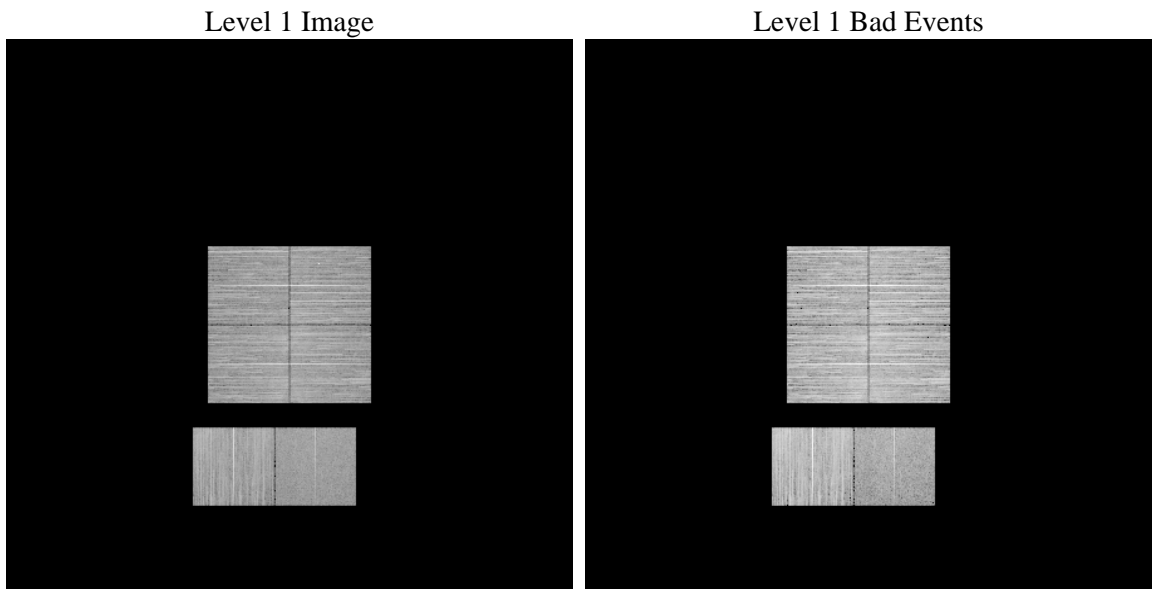
1 Front

seq_num	 	Sequence number
obs_id	52480	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	352.02483703448	Nominal RA [deg]
dec_nom	-30.980553401188	Nominal Dec [deg]
roll_nom	9.6641921179003	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8435.199968636	Sum of GTIs [s]
livetime	8328.3883875655	Livetime [s]
ontime0	8435.199968636	Sum of GTIs [s]
ontime1	8435.199968636	Sum of GTIs [s]
ontime2	8435.199968636	Sum of GTIs [s]
ontime3	8435.199968636	Sum of GTIs [s]
ontime6	8435.199968636	Sum of GTIs [s]
ontime7	8435.199968636	Sum of GTIs [s]
l2events	170750	Number of level 2 events

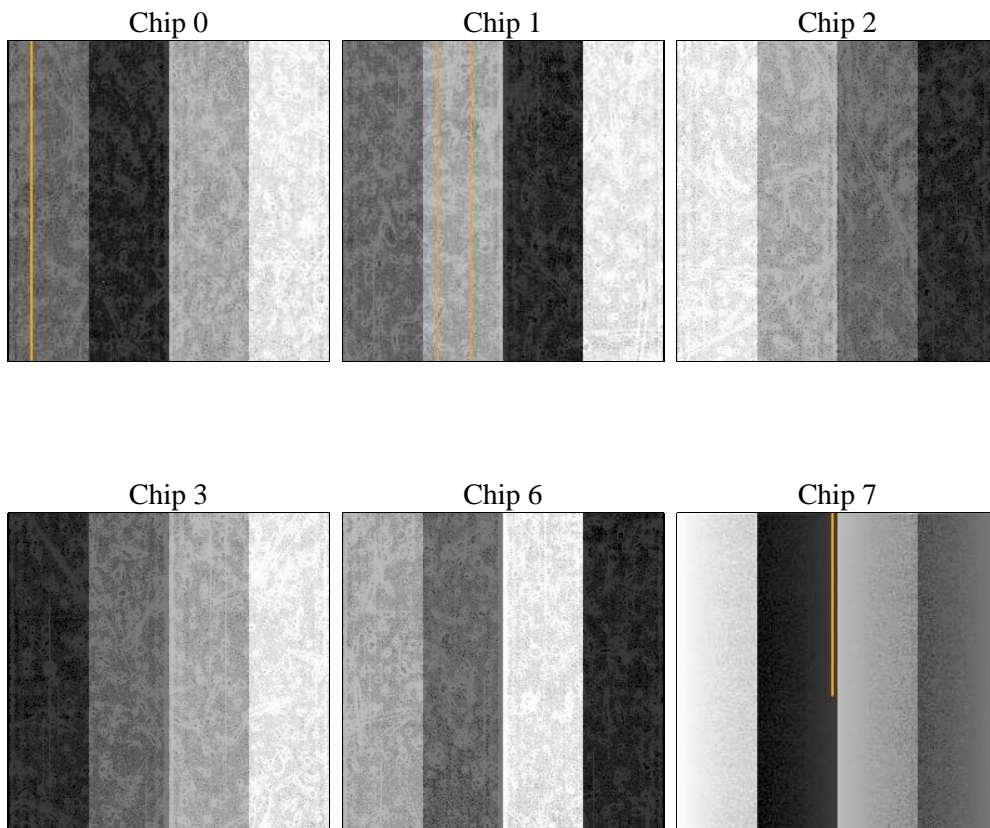
2 OBI

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	8435.199968636	Sum of GTIs [s]
caldsver	4.6.3	 	ontime0	8435.199968636	Sum of GTIs [s]
date	2014-09-10T06:53:33	Date and time of file creation	ontime1	8435.199968636	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8435.199968636	Sum of GTIs [s]
			ontime3	8435.199968636	Sum of GTIs [s]
			ontime6	8435.199968636	Sum of GTIs [s]
			ontime7	8435.199968636	Sum of GTIs [s]
			l1events	866560	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	135087	151070	149933	153303	158131	119036	grade 0 events	12803	13114	13159	13266	13070	6915
rejected events	109586	124473	124286	127386	131424	67359		9%	8%	8%	8%	8%	5%
rejected %	81%	82%	82%	83%	83%	56%	grade 1 events	68	66	73	76	49	85
								0%	0%	0%	0%	0%	0%
							grade 2 events	5264	5732	5078	5063	5587	12839
								3%	3%	3%	3%	3%	10%
							grade 3 events	1681	1667	1785	1850	1716	4108
								1%	1%	1%	1%	1%	3%
							grade 4 events	1711	1757	1803	1784	1746	3977
								1%	1%	1%	1%	1%	3%
							grade 5 events	2913	2846	2688	3099	2948	7331
								2%	1%	1%	2%	1%	6%
							grade 6 events	4139	4427	3938	4065	4699	24088
								3%	2%	2%	2%	2%	20%
							grade 7 events	106508	121461	121409	124100	128316	59693
								78%	80%	80%	80%	81%	50%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	352.0248370344769
[deg] Pointing Dec	0	-30.98055340118817
[deg] Pointing Roll	0.0	9.664192117900317
[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)	526667470.644796	526667469.6198
Observation start date	2014-09-09T16:31:11	2014-09-09T16:31:09
[s] Observation end time (MET)	526678718.99542	526678717.97042
Observation end date	2014-09-09T19:38:39	2014-09-09T19:38:37
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
Number of optional ACIS chips dropped	0	0
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2014.09.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.435199968636

A.2 Comments