

V&V Reference Report

L2 ASCDS Version : 10.2.2

Observation 52769 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : May 16 2014

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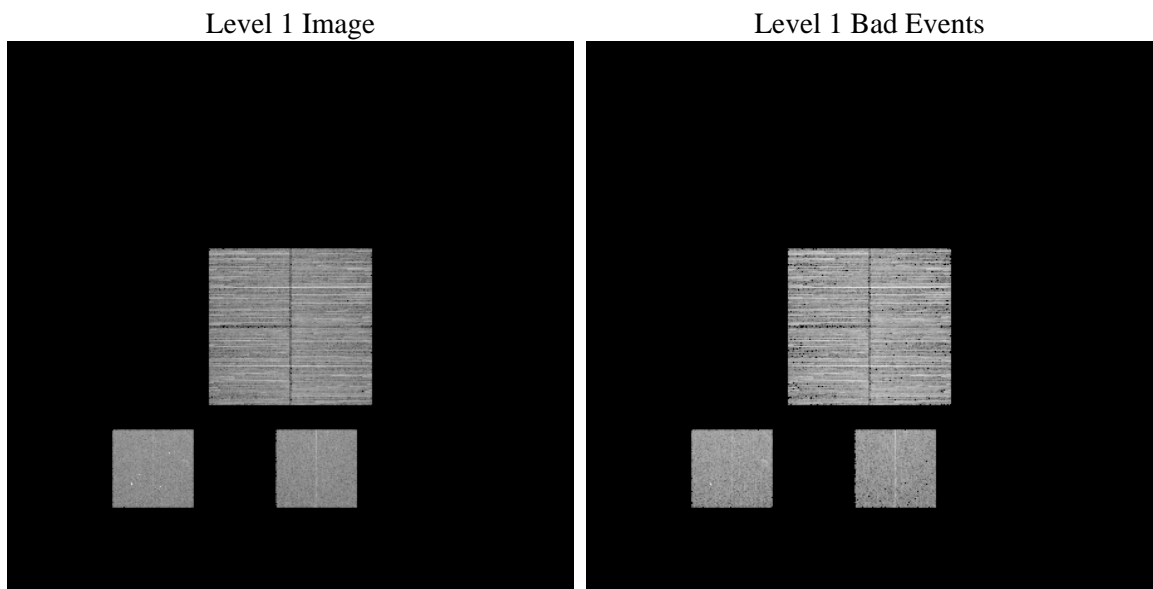
1 Front

seq_num	 	Sequence number
obs_id	52769	Observation id
title	ACIS-012357 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	0.75733740731489	Nominal RA [deg]
dec_nom	8.6094196902613	Nominal Dec [deg]
roll_nom	107.63427709549	Nominal Roll [deg]
revision	1	Processing version of data
ontime	4431.9999835491	Sum of GTIs [s]
livetime	4375.8793311274	Livetime [s]
ontime0	4431.9999835491	Sum of GTIs [s]
ontime1	4431.9999835491	Sum of GTIs [s]
ontime2	4431.9999835491	Sum of GTIs [s]
ontime3	4431.9999835491	Sum of GTIs [s]
ontime5	4431.9999835491	Sum of GTIs [s]
ontime7	4431.9999835491	Sum of GTIs [s]
l2events	109923	Number of level 2 events

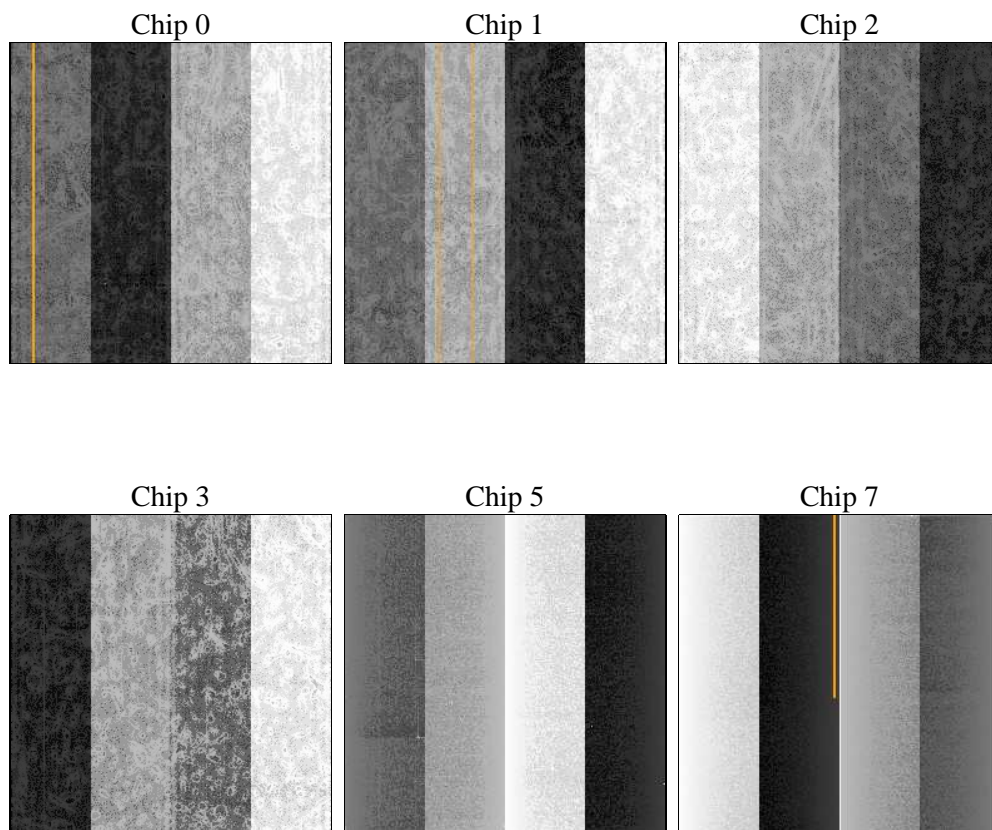
2 OBI

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	10.2.2	Processing system revision	ontime	4431.9999835491	Sum of GTIs [s]
caldsver	4.6.1	 	ontime0	4431.9999835491	Sum of GTIs [s]
date	2014-05-16T14:15:26	Date and time of file creation	ontime1	4431.9999835491	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	4431.9999835491	Sum of GTIs [s]
			ontime3	4431.9999835491	Sum of GTIs [s]
			ontime5	4431.9999835491	Sum of GTIs [s]
			ontime7	4431.9999835491	Sum of GTIs [s]
			l1events	450761	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	77192	80545	76852	78688	71757	65727	grade 0 events	7428	7179	7380	7527	3720	4016
rejected events	62822	66147	62685	64352	40381	37310		9%	8%	9%	9%	5%	6%
rejected %	81%	82%	81%	81%	56%	56%	grade 1 events	34	34	27	36	82	45
								0%	0%	0%	0%	0%	0%
							grade 2 events	2908	3113	2903	2872	11865	7157
								3%	3%	3%	3%	16%	10%
							grade 3 events	1050	1019	1001	1033	1102	2385
								1%	1%	1%	1%	1%	3%
							grade 4 events	1037	993	1020	1089	1044	2325
								1%	1%	1%	1%	1%	3%
							grade 5 events	1550	1531	1429	1683	3429	4092
								2%	1%	1%	2%	4%	6%
							grade 6 events	2330	2497	2234	2168	14435	13292
								3%	3%	2%	2%	20%	20%
							grade 7 events	60855	64179	60858	62280	36080	32415
								78%	79%	79%	79%	50%	49%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012357	ACIS-012357	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	0.7573374073148855	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	8.609419690261269	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	107.6342770954885	[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)	516608624.38779	516608623.36279			
Observation start date	2014-05-16T06:23:44	2014-05-16T06:23:43			
[s] Observation end time (MET)	516617103.188259	516617102.16326			
Observation end date	2014-05-16T08:45:03	2014-05-16T08:45:02			
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)	2014.05.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.4319999835491

A.2 Comments