

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55007 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 28 2012

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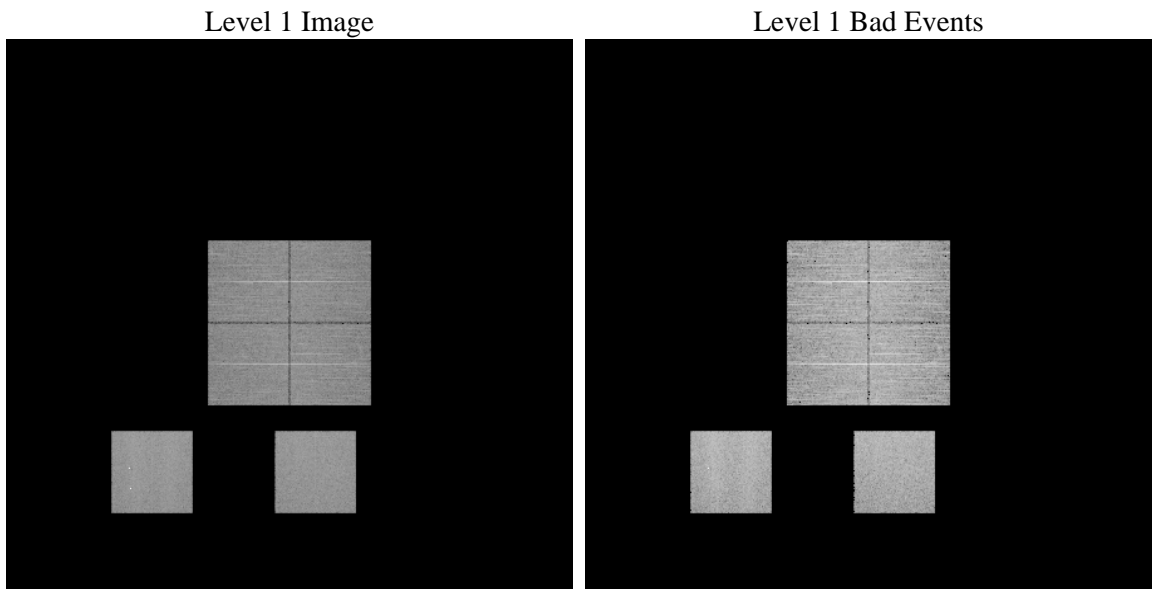
1 Front

seq_num	 	Sequence number
obs_id	55007	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	99.967788390386	Nominal RA [deg]
dec_nom	32.012437506398	Nominal Dec [deg]
roll_nom	105.00404834431	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8150.0167499781	Sum of GTIs [s]
livetime	8046.8163305389	Livetime [s]
ontime0	8149.9757099748	Sum of GTIs [s]
ontime1	8149.9346699715	Sum of GTIs [s]
ontime2	8149.8936299682	Sum of GTIs [s]
ontime3	8150.0577899814	Sum of GTIs [s]
ontime5	8149.8525899649	Sum of GTIs [s]
ontime7	8150.0167499781	Sum of GTIs [s]
l2events	296903	Number of level 2 events

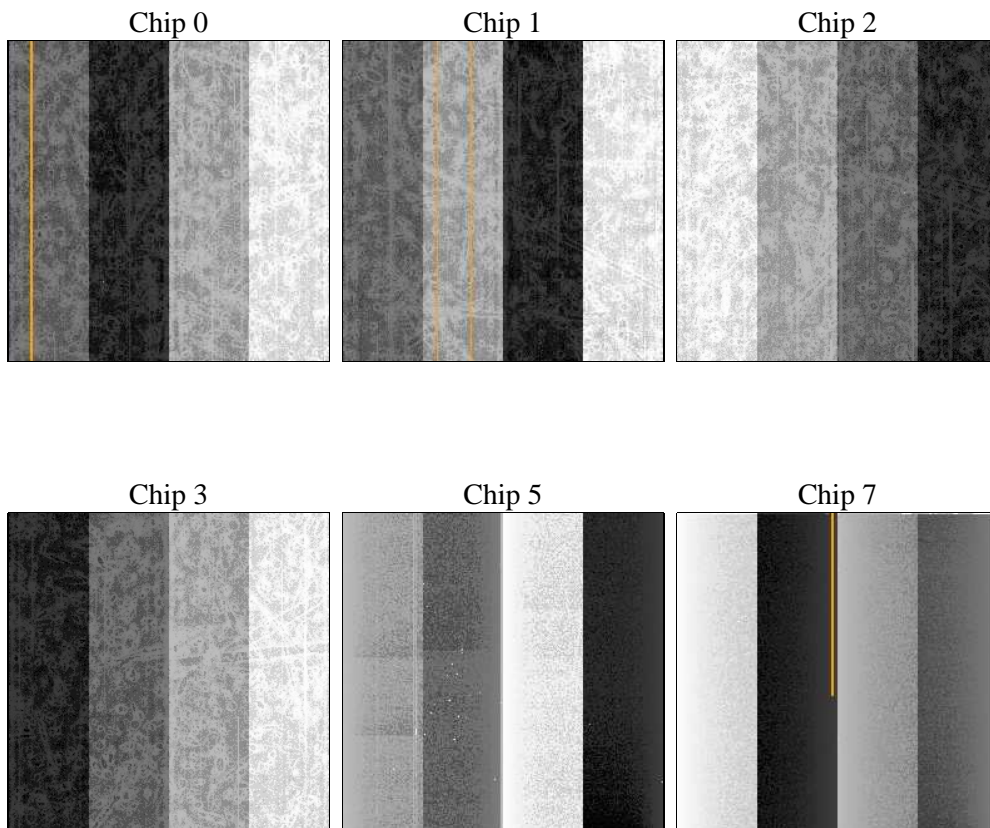
2 OBI

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	8.4.3	Processing system revision	ontime	8150.0167499781	Sum of GTIs [s]
caldsver	4.4.8	 	ontime0	8149.9757099748	Sum of GTIs [s]
date	2012-02-28T03:13:06	Date and time of file creation	ontime1	8149.9346699715	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8149.8936299682	Sum of GTIs [s]
			ontime3	8150.0577899814	Sum of GTIs [s]
			ontime5	8149.8525899649	Sum of GTIs [s]
			ontime7	8150.0167499781	Sum of GTIs [s]
			l1events	665169	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	99509	96394	97880	102730	138222	130434	grade 0 events	19700	17005	20977	21193	6499	10508
rejected events	57671	54555	56426	60475	62930	59744		19%	17%	21%	20%	4%	8%
rejected %	57%	56%	57%	58%	45%	45%	grade 1 events	107	74	122	119	126	111
								0%	0%	0%	0%	0%	0%
							grade 2 events	10076	12723	8704	9052	26221	15476
								10%	13%	8%	8%	18%	11%
							grade 3 events	2546	2200	2618	2642	3180	5873
								2%	2%	2%	2%	2%	4%
							grade 4 events	2483	2195	2627	2738	3002	5608
								2%	2%	2%	2%	2%	4%
							grade 5 events	2891	2882	2752	3276	6361	7956
								2%	2%	2%	3%	4%	6%
							grade 6 events	7033	7716	6528	6630	36390	33225
								7%	8%	6%	6%	26%	25%
							grade 7 events	54673	51599	53552	57080	56443	51677
								54%	53%	54%	55%	40%	39%

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	99.96778839038639	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	32.01243750639768	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	105.0040483443073	[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)	439601943.606727	439601942.58172			
Observation start date	2011-12-06T23:39:04	2011-12-06T23:39:02			
[s] Observation end time (MET)	439611443.307228	439611442.28222			
Observation end date	2011-12-07T02:17:23	2011-12-07T02:17:22			
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)	2012.02.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1500167499781

A.2 Comments