

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 54972 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 28 2012

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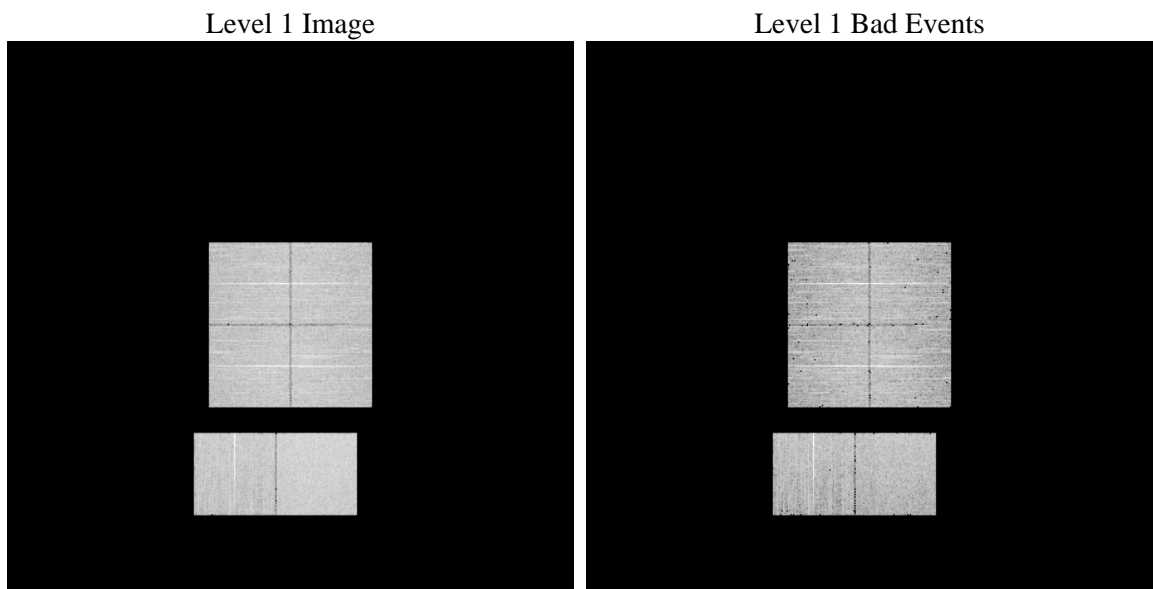
1 Front

seq_num	 	Sequence number
obs_id	54972	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	96.958834690806	Nominal RA [deg]
dec_nom	46.994141108076	Nominal Dec [deg]
roll_nom	158.90716994938	Nominal Roll [deg]
revision	2	Processing version of data
ontime	6683.5408363342	Sum of GTIs [s]
livetime	6598.9098179194	Livetime [s]
ontime0	6683.4997963309	Sum of GTIs [s]
ontime1	6683.4587563276	Sum of GTIs [s]
ontime2	6683.4177163243	Sum of GTIs [s]
ontime3	6683.5818763375	Sum of GTIs [s]
ontime6	6683.376676321	Sum of GTIs [s]
ontime7	6683.5408363342	Sum of GTIs [s]
l2events	218754	Number of level 2 events

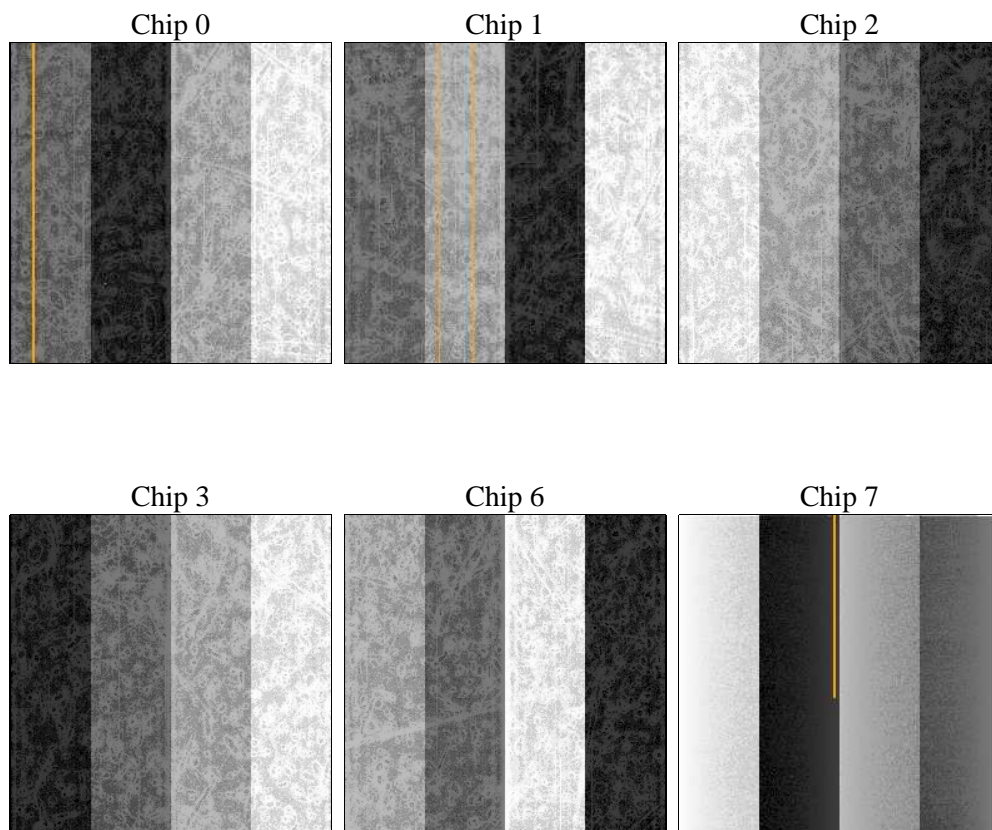
2 OBI

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	6683.5408363342	Sum of GTIs [s]
caldbver	4.4.8	 	ontime0	6683.4997963309	Sum of GTIs [s]
date	2012-02-28T20:28:50	Date and time of file creation	ontime1	6683.4587563276	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	6683.4177163243	Sum of GTIs [s]
			ontime3	6683.5818763375	Sum of GTIs [s]
			ontime6	6683.376676321	Sum of GTIs [s]
			ontime7	6683.5408363342	Sum of GTIs [s]
			l1events	519713	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	80130	80572	82389	83367	84995	108260	grade 0 events	16553	14498	17476	17844	13716	8809
rejected events	45708	46139	48306	48764	49862	49427		20%	17%	21%	21%	16%	8%
rejected %	57%	57%	58%	58%	58%	45%	grade 1 events	88	64	102	114	72	77
								0%	0%	0%	0%	0%	0%
							grade 2 events	7761	9890	6744	6838	11125	13068
								9%	12%	8%	8%	13%	12%
							grade 3 events	2198	1940	2282	2222	1731	4796
								2%	2%	2%	2%	2%	4%
							grade 4 events	2124	1853	2263	2207	1709	4581
								2%	2%	2%	2%	2%	4%
							grade 5 events	2448	2376	2296	2664	2398	6728
								3%	2%	2%	3%	2%	6%
							grade 6 events	5800	6267	5334	5509	6871	27609
								7%	7%	6%	6%	8%	25%
							grade 7 events	43158	43684	45892	45969	47373	42592
								53%	54%	55%	55%	55%	39%

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	96.95883469080566	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	46.99414110807647	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	158.9071699493776	[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)	440743260.666932	440743259.64194			
Observation start date	2011-12-20T04:41:01	2011-12-20T04:40:59			
[s] Observation end time (MET)	440751844.017385	440751842.9924			
Observation end date	2011-12-20T07:04:04	2011-12-20T07:04:02			
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)	2012.02.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.6835408363342

A.2 Comments