

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 54594 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : May 24 2012

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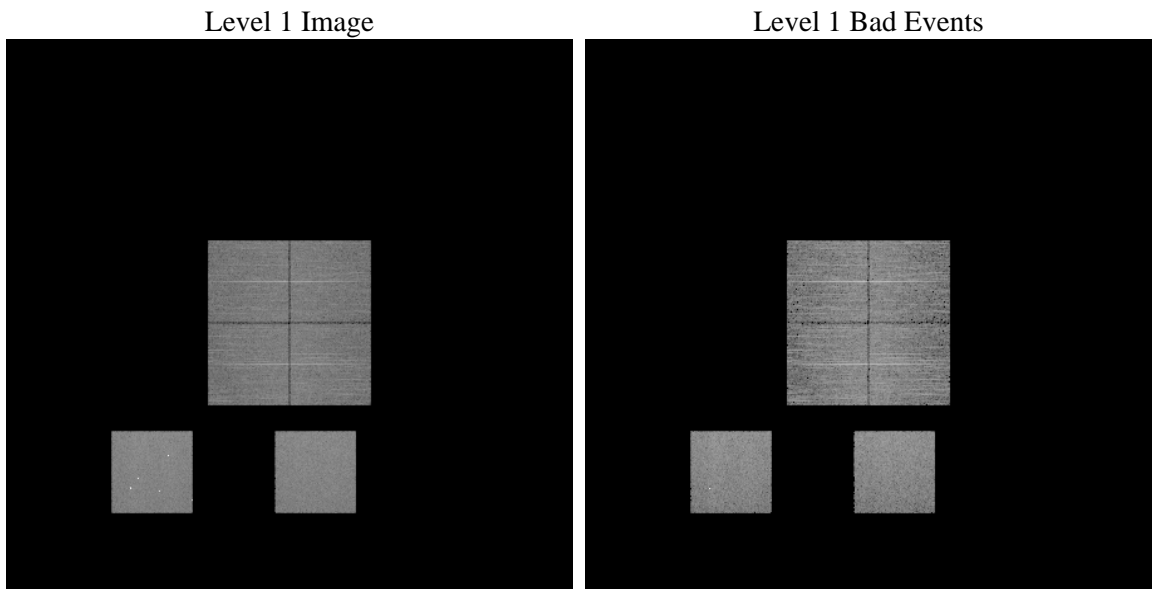
1 Front

seq_num	 	Sequence number
obs_id	54594	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	258.01671896896	Nominal RA [deg]
dec_nom	-46.973579297476	Nominal Dec [deg]
roll_nom	33.758278295337	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8284.7999691963	Sum of GTIs [s]
livetime	8179.8928434787	Livetime [s]
ontime0	8284.7999691963	Sum of GTIs [s]
ontime1	8284.7999691963	Sum of GTIs [s]
ontime2	8284.7999691963	Sum of GTIs [s]
ontime3	8284.7999691963	Sum of GTIs [s]
ontime5	8284.7999691963	Sum of GTIs [s]
ontime7	8284.7999691963	Sum of GTIs [s]
l2events	285685	Number of level 2 events

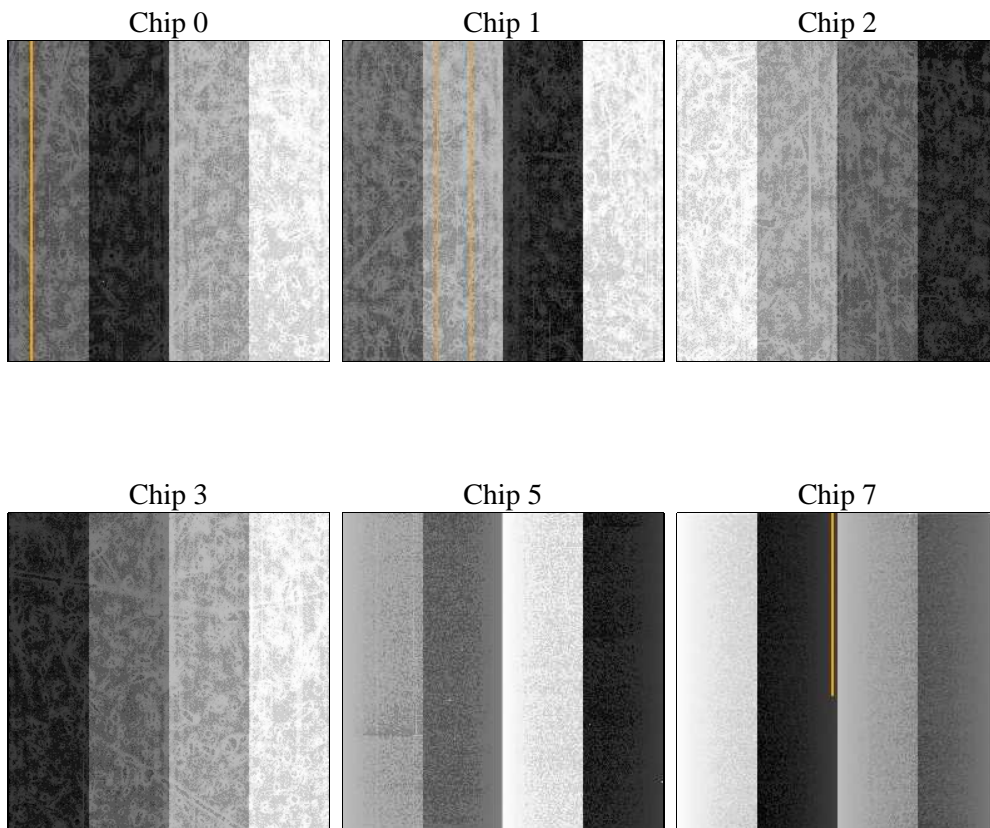
2 OBI

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	8.4.4	Processing system revision	ontime	8284.7999691963	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	8284.7999691963	Sum of GTIs [s]
date	2012-05-24T19:14:05	Date and time of file creation	ontime1	8284.7999691963	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8284.7999691963	Sum of GTIs [s]
			ontime3	8284.7999691963	Sum of GTIs [s]
			ontime5	8284.7999691963	Sum of GTIs [s]
			ontime7	8284.7999691963	Sum of GTIs [s]
			l1events	625322	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	89434	88562	92189	94173	135811	125153	grade 0 events	21120	20422	21346	21786	13116	10912
rejected events	49094	48065	52248	53590	58015	57185		23%	23%	23%	23%	9%	8%
rejected %	54%	54%	56%	56%	42%	45%	grade 1 events	123	114	114	118	154	111
								0%	0%	0%	0%	0%	0%
							grade 2 events	7638	8128	7130	7157	27253	14669
								8%	9%	7%	7%	20%	11%
							grade 3 events	2760	2659	2795	2848	2648	5791
								3%	3%	3%	3%	1%	4%
							grade 4 events	2657	2775	2770	2789	2660	6011
								2%	3%	3%	2%	1%	4%
							grade 5 events	3223	3307	3133	3490	7127	8585
								3%	3%	3%	3%	5%	6%
							grade 6 events	6191	6529	5918	6027	32155	30610
								6%	7%	6%	6%	23%	24%
							grade 7 events	45722	44628	48983	49958	50698	48464
								51%	50%	53%	53%	37%	38%

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	258.0167189689571	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-46.97357929747604	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	33.75827829533679	[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)	454197136.679721	454197135.65472			
Observation start date	2012-05-23T21:52:17	2012-05-23T21:52:15			
[s] Observation end time (MET)	454208423.98032	454208422.95532			
Observation end date	2012-05-24T01:00:24	2012-05-24T01:00:22			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.05.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2847999691963

A.2 Comments