

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 54294 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Sep 28 2012

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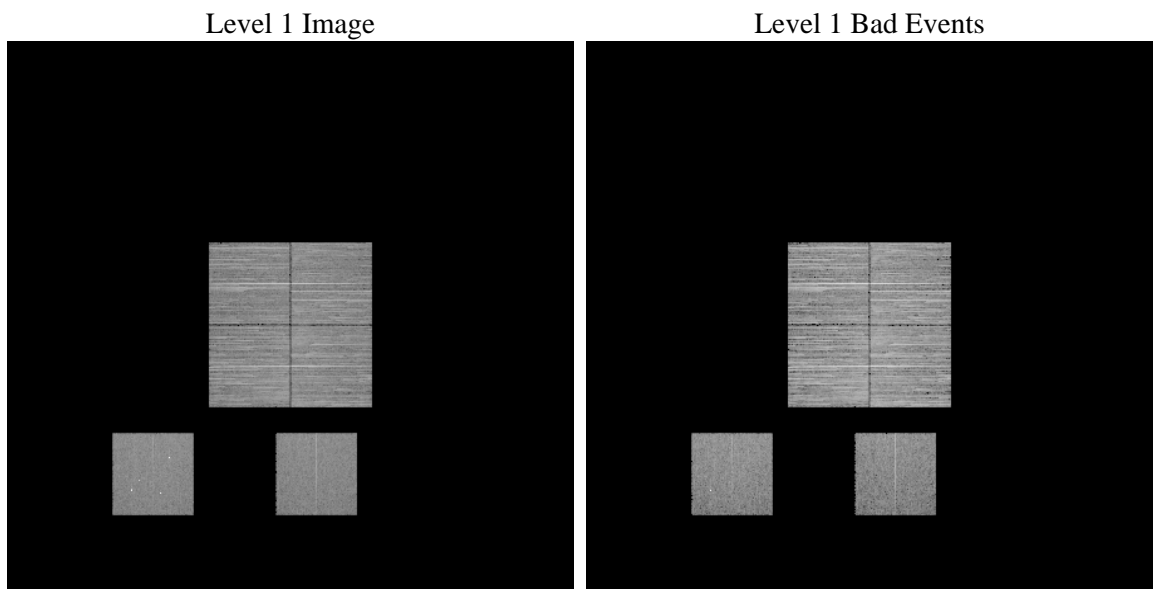
1 Front

seq_num	 	Sequence number
obs_id	54294	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	357.97941124608	Nominal RA [deg]
dec_nom	24.978162045352	Nominal Dec [deg]
roll_nom	196.45481232894	Nominal Roll [deg]
revision	1	Processing version of data
ontime	6419.1999761462	Sum of GTIs [s]
livetime	6337.9162008701	Livetime [s]
ontime0	6419.1999761462	Sum of GTIs [s]
ontime1	6419.1999761462	Sum of GTIs [s]
ontime2	6419.1999761462	Sum of GTIs [s]
ontime3	6419.1999761462	Sum of GTIs [s]
ontime5	6419.1999761462	Sum of GTIs [s]
ontime7	6419.1999761462	Sum of GTIs [s]
l2events	210989	Number of level 2 events

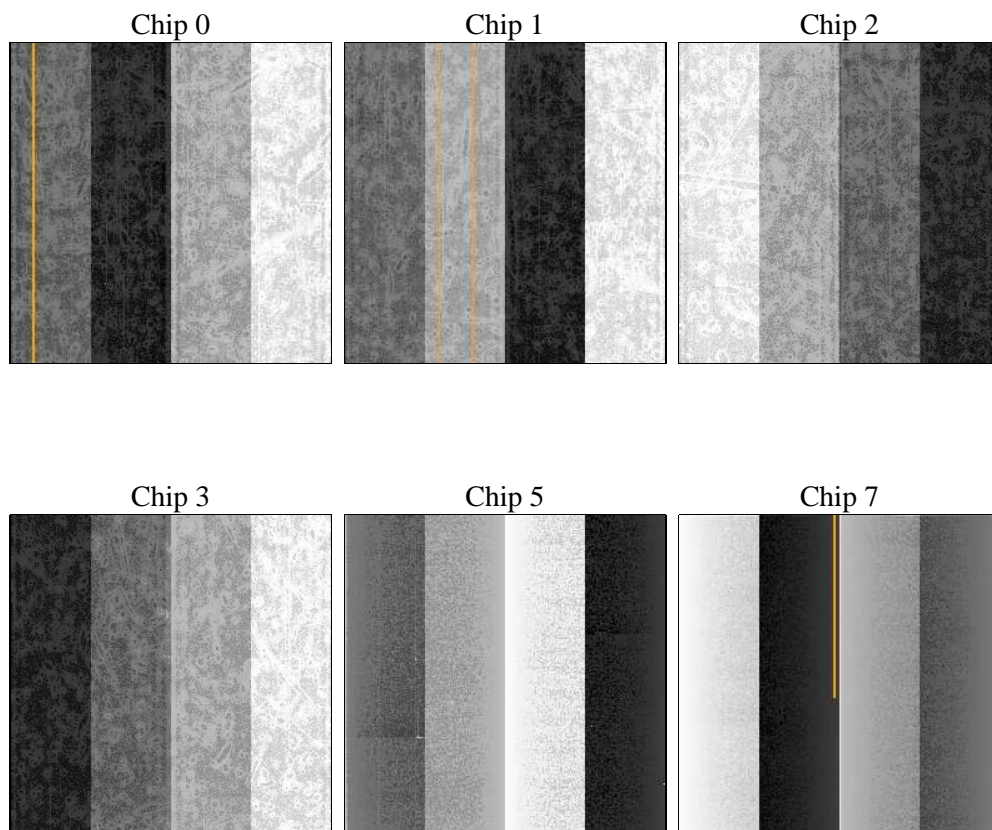
2 OBI

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	8.4.5	Processing system revision	ontime	6419.1999761462	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	6419.1999761462	Sum of GTIs [s]
date	2012-09-28T17:44:52	Date and time of file creation	ontime1	6419.1999761462	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	6419.1999761462	Sum of GTIs [s]
			ontime3	6419.1999761462	Sum of GTIs [s]
			ontime5	6419.1999761462	Sum of GTIs [s]
			ontime7	6419.1999761462	Sum of GTIs [s]
			l1events	747080	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	124783	129860	135316	136447	116214	104460	grade 0 events	15140	14750	15489	15614	9299	7933
rejected events	95482	100561	105693	106887	59157	53486		12%	11%	11%	11%	8%	7%
rejected %	76%	77%	78%	78%	50%	51%	grade 1 events	79	64	95	93	100	76
								0%	0%	0%	0%	0%	0%
							grade 2 events	5643	6041	5621	5590	20665	12351
								4%	4%	4%	4%	17%	11%
							grade 3 events	2021	1808	2079	2015	1962	4382
								1%	1%	1%	1%	1%	4%
							grade 4 events	1889	2023	1983	1999	1979	4340
								1%	1%	1%	1%	1%	4%
							grade 5 events	2321	2454	2145	2536	5007	6245
								1%	1%	1%	1%	4%	5%
							grade 6 events	4608	4677	4451	4342	23152	21968
								3%	3%	3%	3%	19%	21%
							grade 7 events	93082	98043	103453	104258	54050	47165
								74%	75%	76%	76%	46%	45%

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	357.979411246075	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	24.97816204535215	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	196.454812328936	[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)	465164982.686788	465164981.66179			
Observation start date	2012-09-27T20:29:43	2012-09-27T20:29:41			
[s] Observation end time (MET)	465178998.53754	465178997.51254			
Observation end date	2012-09-28T00:23:19	2012-09-28T00:23:17			
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)	2012.09.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.4191999761462

A.2 Comments