

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 54325 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Sep 15 2012

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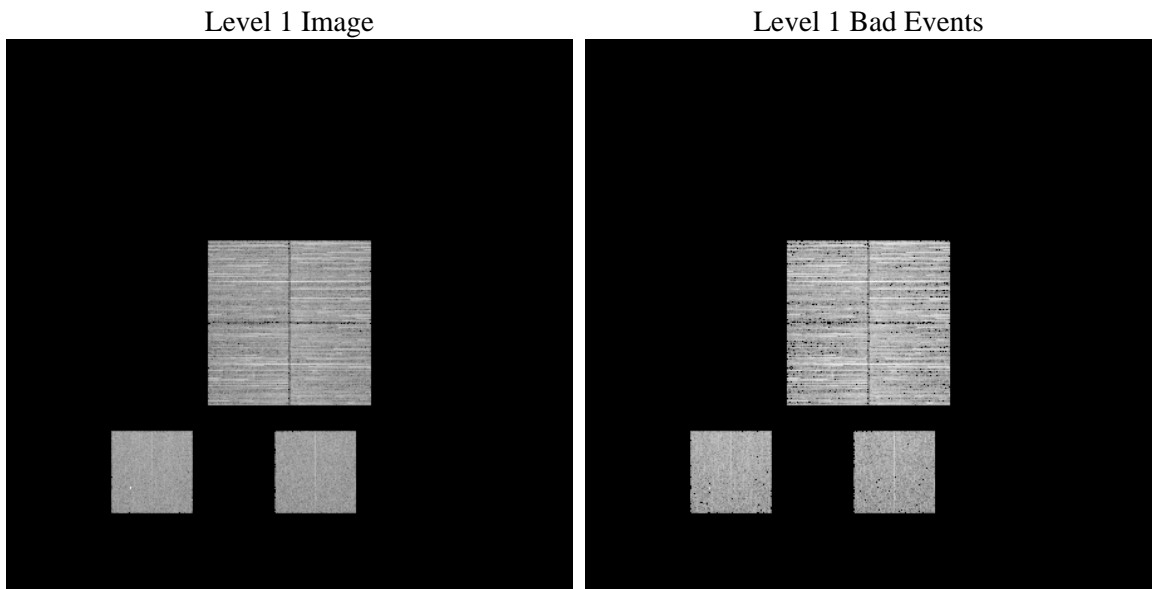
1 Front

seq_num	 	Sequence number
obs_id	54325	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	343.03236192637	Nominal RA [deg]
dec_nom	-29.993532973733	Nominal Dec [deg]
roll_nom	340.08395891233	Nominal Roll [deg]
revision	1	Processing version of data
ontime	3663.9999864101	Sum of GTIs [s]
livetime	3617.6042123863	Livetime [s]
ontime0	3663.9999864101	Sum of GTIs [s]
ontime1	3663.9999864101	Sum of GTIs [s]
ontime2	3663.9999864101	Sum of GTIs [s]
ontime3	3663.9999864101	Sum of GTIs [s]
ontime5	3663.9999864101	Sum of GTIs [s]
ontime7	3663.9999864101	Sum of GTIs [s]
l2events	119450	Number of level 2 events

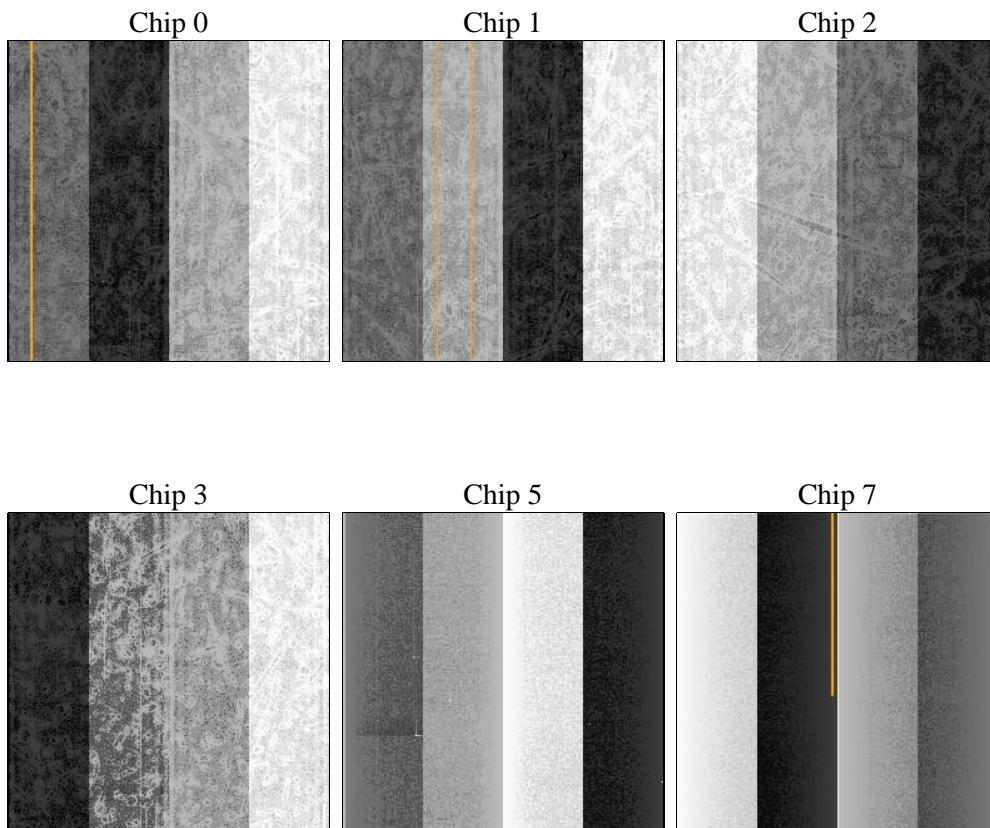
2 OBI

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	3663.9999864101	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime0	3663.9999864101	Sum of GTIs [s]
date	2012-09-15T15:20:32	Date and time of file creation	ontime1	3663.9999864101	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	3663.9999864101	Sum of GTIs [s]
			ontime3	3663.9999864101	Sum of GTIs [s]
			ontime5	3663.9999864101	Sum of GTIs [s]
			ontime7	3663.9999864101	Sum of GTIs [s]
			l1events	418573	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	70474	83427	69578	71376	64091	59627	grade 0 events	8559	8287	8764	8926	3359	4520
rejected events	54022	66805	52753	54679	33873	30685		12%	9%	12%	12%	5%	7%
rejected %	76%	80%	75%	76%	52%	51%	grade 1 events	45	46	41	58	53	41
								0%	0%	0%	0%	0%	0%
							grade 2 events	3212	3362	3238	3008	11424	7128
								4%	4%	4%	4%	17%	11%
							grade 3 events	1113	1136	1186	1156	1153	2373
								1%	1%	1%	1%	1%	3%
							grade 4 events	1036	1125	1158	1135	1028	2500
								1%	1%	1%	1%	1%	4%
							grade 5 events	1336	1368	1302	1454	2961	3460
								1%	1%	1%	2%	4%	5%
							grade 6 events	2532	2712	2479	2472	13254	12421
								3%	3%	3%	3%	20%	20%
							grade 7 events	52641	65391	51410	53167	30859	27184
								74%	78%	73%	74%	48%	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	343.0323619263676	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-29.99353297373324	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	340.0839589123264	[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)	464051600.977055	464051599.95205			
Observation start date	2012-09-14T23:13:21	2012-09-14T23:13:19			
[s] Observation end time (MET)	464057701.777381	464057700.75238			
Observation end date	2012-09-15T00:55:02	2012-09-15T00:55:00			
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)	2012.09.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.6639999864101

A.2 Comments