

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61654 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 18 2012

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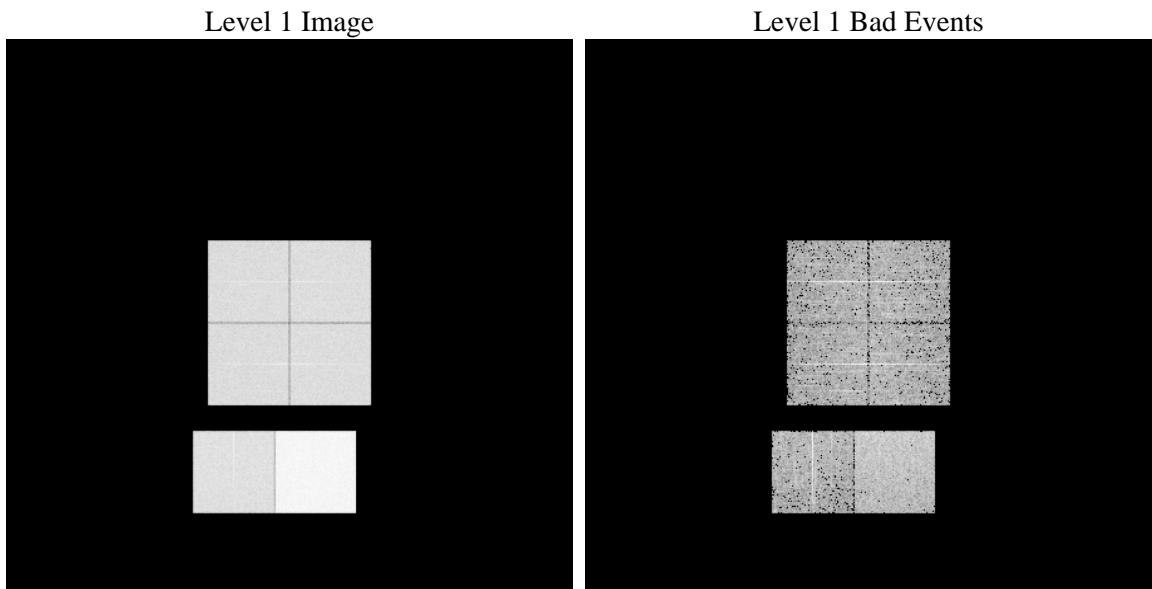
1 Front

seq_num	 	Sequence number
obs_id	61654	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	319.97069150108	Nominal RA [deg]
dec_nom	-39.982198519458	Nominal Dec [deg]
roll_nom	108.91157779107	Nominal Roll [deg]
revision	3	Processing version of data
ontime	6258.6067167073	Sum of GTIs [s]
livetime	6179.3564699799	Livetime [s]
ontime0	2589.5883016139	Sum of GTIs [s]
ontime1	2644.8258611411	Sum of GTIs [s]
ontime2	2498.8391918689	Sum of GTIs [s]
ontime3	2583.3345547915	Sum of GTIs [s]
ontime6	2767.8452719301	Sum of GTIs [s]
ontime7	6258.6067167073	Sum of GTIs [s]
l2events	1241343	Number of level 2 events

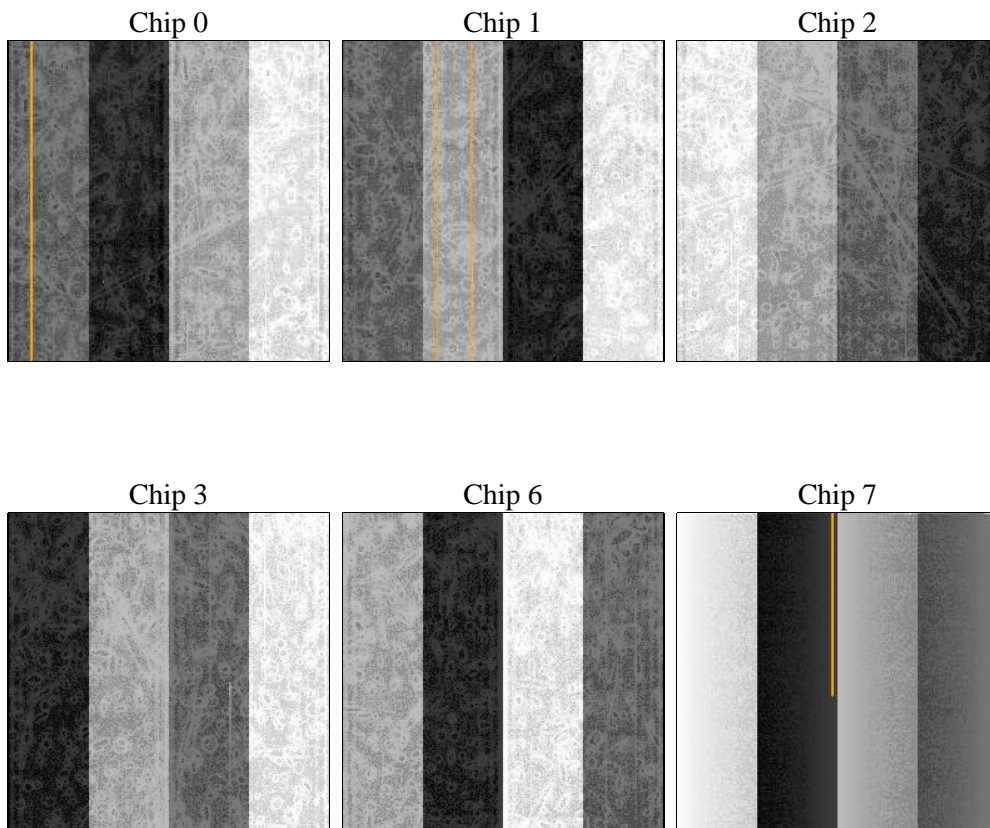
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	2	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	6258.6067167073	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime0	2589.5883016139	Sum of GTIs [s]
date	2012-09-18T18:58:50	Date and time of file creation	ontime1	2644.8258611411	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	2498.8391918689	Sum of GTIs [s]
			ontime3	2583.3345547915	Sum of GTIs [s]
			ontime6	2767.8452719301	Sum of GTIs [s]
			ontime7	6258.6067167073	Sum of GTIs [s]
			l1events	1421025	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	187400	191822	184066	190636	212330	454771	grade 0 events	93095	95623	91828	95989	104997	109954
rejected events	18368	19063	18733	19480	20337	31149		49%	49%	49%	50%	49%	24%
rejected %	9%	9%	10%	10%	9%	6%	grade 1 events	462	486	465	507	503	258
								0%	0%	0%	0%	0%	0%
							grade 2 events	29907	30443	29192	30189	33065	94152
								15%	15%	15%	15%	15%	20%
							grade 3 events	10789	10909	10461	10751	11691	43523
								5%	5%	5%	5%	5%	9%
							grade 4 events	10564	10935	10370	10843	11983	43050
								5%	5%	5%	5%	5%	9%
							grade 5 events	1423	1419	1396	1374	1644	6783
								0%	0%	0%	0%	0%	1%
							grade 6 events	24677	25072	23482	23592	30257	133153
								13%	13%	12%	12%	14%	29%
							grade 7 events	16483	16935	16872	17391	18190	23898
								8%	8%	9%	9%	8%	5%

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	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	319.9706915010819	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-39.9821985194579	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	108.9115777910703			
[mm] SIM focus pos	-0.782348	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	105080356.35817	105080355.58969			
Observation start date	2001-05-01T04:59:16	2001-05-01T04:59:15			
[s] Observation end time (MET)	105091856.858617	105091856.09013			
Observation end date	2001-05-01T08:10:57	2001-05-01T08:10:56			
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)	2012.09.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.2586067167073

A.2 Comments