

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 62196 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Aug 22 2012

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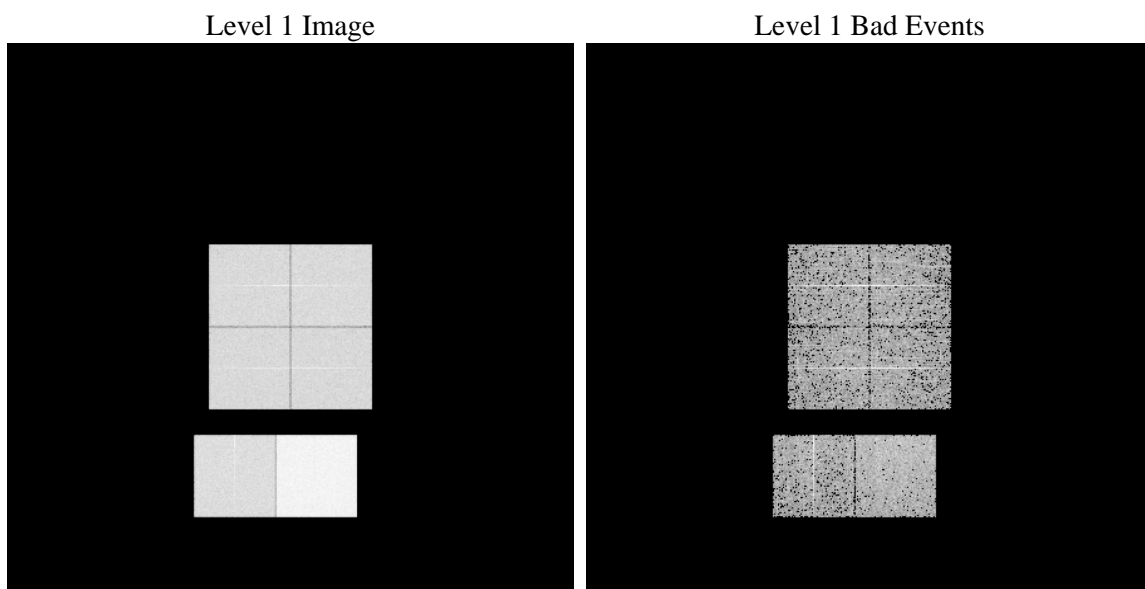
1 Front

seq_num	 	Sequence number
obs_id	62196	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	350.69958233313	Nominal RA [deg]
dec_nom	58.8732298595	Nominal Dec [deg]
roll_nom	322.81578337851	Nominal Roll [deg]
revision	4	Processing version of data
ontime	3454.194805257	Sum of GTIs [s]
livetime	3410.4557107665	Livetime [s]
ontime0	1406.6098365411	Sum of GTIs [s]
ontime1	1428.4812945127	Sum of GTIs [s]
ontime2	1345.030216068	Sum of GTIs [s]
ontime3	1337.8553142771	Sum of GTIs [s]
ontime6	1512.6662546769	Sum of GTIs [s]
ontime7	3454.194805257	Sum of GTIs [s]
l2events	926584	Number of level 2 events

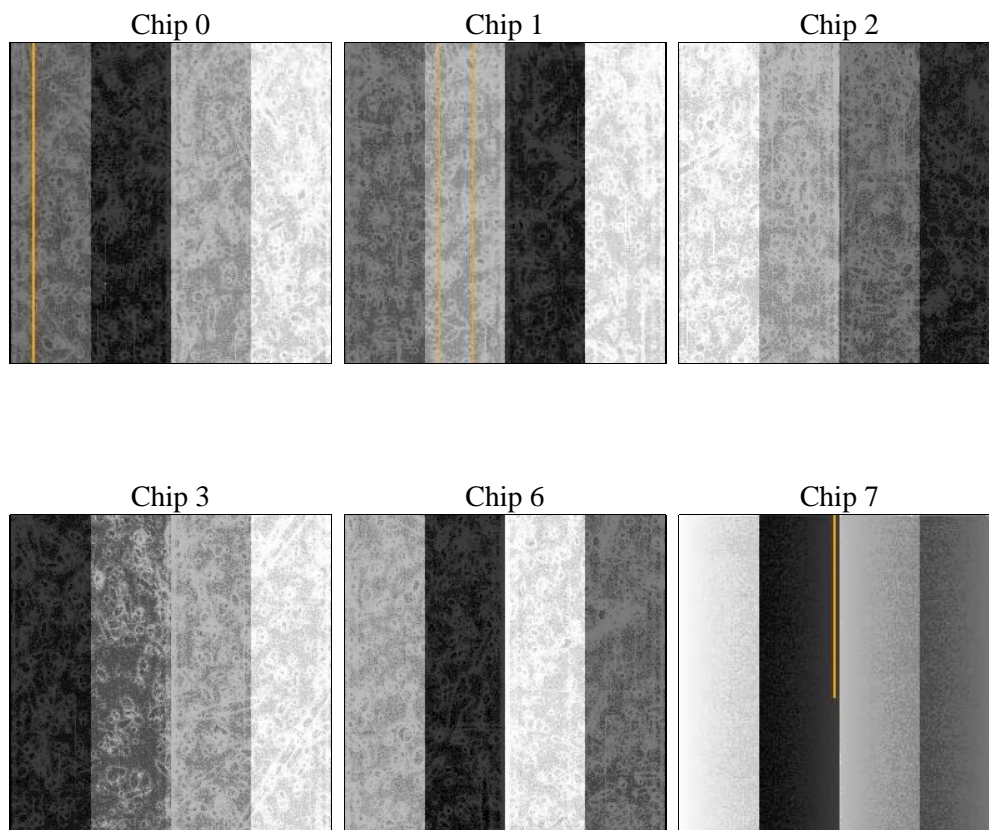
2 OBI

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	3454.194805257	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime0	1406.6098365411	Sum of GTIs [s]
date	2012-08-22T15:51:26	Date and time of file creation	ontime1	1428.4812945127	Sum of GTIs [s]
revision	4	Processing version of data	ontime2	1345.030216068	Sum of GTIs [s]
			ontime3	1337.8553142771	Sum of GTIs [s]
			ontime6	1512.6662546769	Sum of GTIs [s]
			ontime7	3454.194805257	Sum of GTIs [s]
			l1events	1060181	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	139948	142782	136435	136083	158824	346109	grade 0 events	69031	70593	68090	67637	78352	84128
rejected events	15127	14925	14384	14970	15345	20675		49%	49%	49%	49%	49%	24%
rejected %	10%	10%	10%	11%	9%	5%	grade 1 events	478	444	457	494	459	239
								0%	0%	0%	0%	0%	0%
							grade 2 events	21827	22519	21233	20941	24603	72772
								15%	15%	15%	15%	15%	21%
							grade 3 events	7928	8069	7786	7721	8960	33504
								5%	5%	5%	5%	5%	9%
							grade 4 events	7815	8177	7615	7945	8851	33277
								5%	5%	5%	5%	5%	9%
							grade 5 events	1047	1023	998	1080	1198	4648
								0%	0%	0%	0%	0%	1%
							grade 6 events	18220	18499	17327	16869	22713	101753
								13%	12%	12%	12%	14%	29%
							grade 7 events	13602	13458	12929	13396	13688	15788
								9%	9%	9%	9%	8%	4%

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	350.6995823331346	Alternating exposures requested	N	N
[deg] Pointing Dec	0	58.87322985950014	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	322.8157833785101			
[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)	65608758.971	65608758.202526			
Observation start date	2000-01-30T08:39:19	2000-01-30T08:39:18			
[s] Observation end time (MET)	65616159.471	65616158.702795			
Observation end date	2000-01-30T10:42:39	2000-01-30T10:42:38			
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)	2012.08.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.454194805257

A.2 Comments