

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58244 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 30 2012

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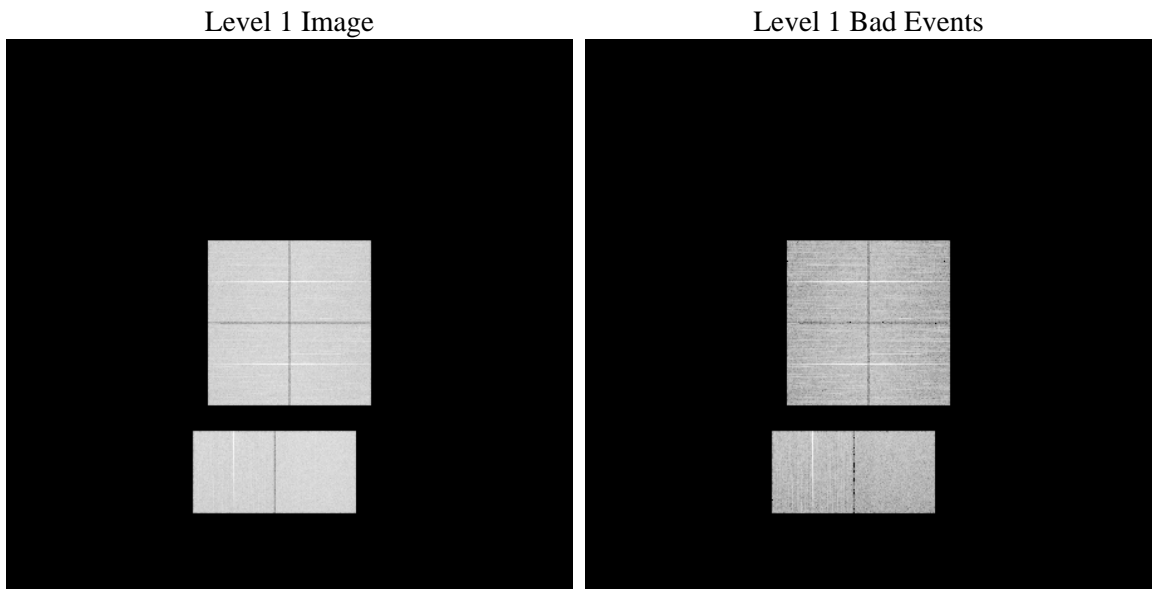
1 Front

seq_num	 	Sequence number
obs_id	58244	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	332.53421825384	Nominal RA [deg]
dec_nom	-37.98915913679	Nominal Dec [deg]
roll_nom	349.28037710004	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8268.7999692559	Sum of GTIs [s]
livetime	8164.0954451716	Livetime [s]
ontime0	8268.7999692559	Sum of GTIs [s]
ontime1	8268.7999692559	Sum of GTIs [s]
ontime2	8268.7999692559	Sum of GTIs [s]
ontime3	8268.7999692559	Sum of GTIs [s]
ontime6	8268.7999692559	Sum of GTIs [s]
ontime7	8268.7999692559	Sum of GTIs [s]
l2events	734069	Number of level 2 events

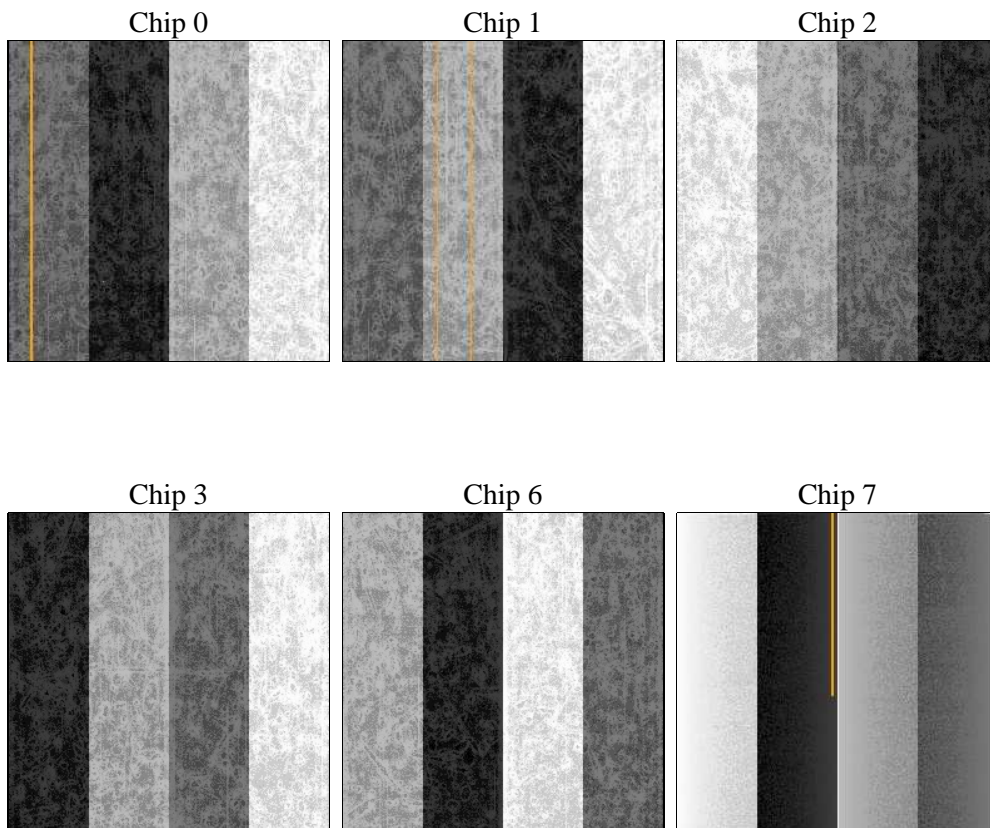
2 OBI

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	8268.7999692559	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	8268.7999692559	Sum of GTIs [s]
date	2012-04-30T04:21:17	Date and time of file creation	ontime1	8268.7999692559	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8268.7999692559	Sum of GTIs [s]
			ontime3	8268.7999692559	Sum of GTIs [s]
			ontime6	8268.7999692559	Sum of GTIs [s]
			ontime7	8268.7999692559	Sum of GTIs [s]
			l1events	1207180	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	191798	192047	199481	198117	204022	221715	grade 0 events	65299	65483	66889	67597	67074	32858
rejected events	70380	68924	77431	74902	76419	65082		34%	34%	33%	34%	32%	14%
rejected %	36%	35%	38%	37%	37%	29%	grade 1 events	474	381	498	518	402	170
								0%	0%	0%	0%	0%	0%
							grade 2 events	21323	22442	20581	21018	22358	34183
								11%	11%	10%	10%	10%	15%
							grade 3 events	8081	8084	8210	8171	7999	15017
								4%	4%	4%	4%	3%	6%
							grade 4 events	7950	7879	8127	8242	8276	14442
								4%	4%	4%	4%	4%	6%
							grade 5 events	3831	4093	3796	4308	4149	10881
								1%	2%	1%	2%	2%	4%
							grade 6 events	18765	19235	18243	18187	21896	60133
								9%	10%	9%	9%	10%	27%
							grade 7 events	66075	64450	73137	70076	71868	54031
								34%	33%	36%	35%	35%	24%

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	332.5342182538437	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-37.98915913679042	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	349.2803771000363			
[mm] SIM focus pos	-0.782348	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	304803374.29771	304803373.27272			
Observation start date	2007-08-29T19:36:14	2007-08-29T19:36:13			
[s] Observation end time (MET)	304825229.34876	304825228.32377			
Observation end date	2007-08-30T01:40:29	2007-08-30T01:40:28			
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)	2012.05.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2687999692559

A.2 Comments