

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58389 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 24 2012

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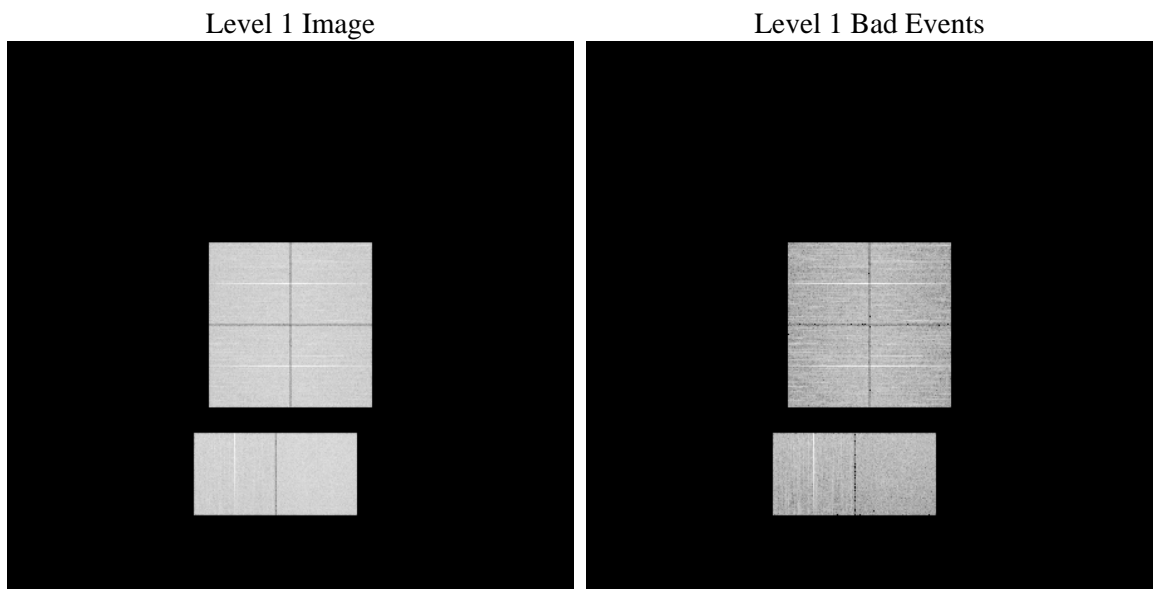
1 Front

seq_num	 	Sequence number
obs_id	58389	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	101.08290344305	Nominal RA [deg]
dec_nom	68.986984483759	Nominal Dec [deg]
roll_nom	305.44155310434	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7794.4941816926	Sum of GTIs [s]
livetime	7695.7956030831	Livetime [s]
ontime0	7794.4531416893	Sum of GTIs [s]
ontime1	7791.1711314321	Sum of GTIs [s]
ontime2	7794.3710616827	Sum of GTIs [s]
ontime3	7794.5352216959	Sum of GTIs [s]
ontime6	7794.3300216794	Sum of GTIs [s]
ontime7	7794.4941816926	Sum of GTIs [s]
l2events	698659	Number of level 2 events

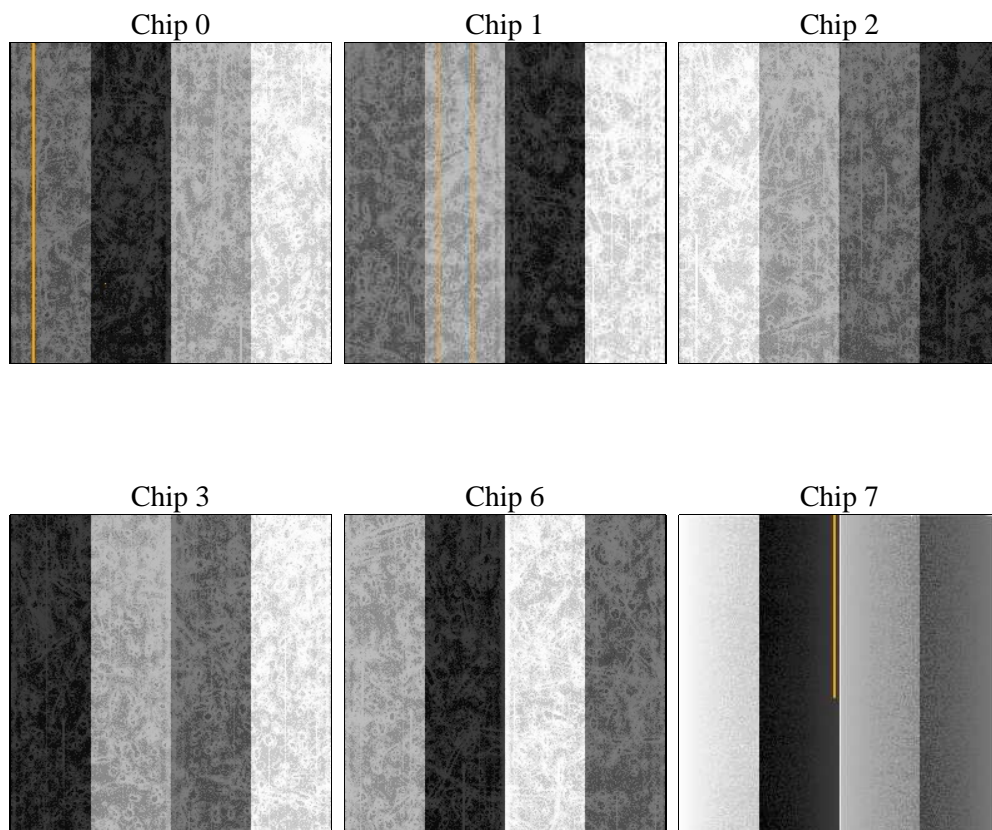
2 OBI

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	7794.4941816926	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	7794.4531416893	Sum of GTIs [s]
date	2012-04-25T00:54:48	Date and time of file creation	ontime1	7791.1711314321	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	7794.3710616827	Sum of GTIs [s]
			ontime3	7794.5352216959	Sum of GTIs [s]
			ontime6	7794.3300216794	Sum of GTIs [s]
			ontime7	7794.4941816926	Sum of GTIs [s]
			l1events	1145705	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	183009	183179	187296	189832	191482	210907	grade 0 events	62624	62609	64626	64543	64591	31857
rejected events	67721	66803	70376	72749	70043	61156		34%	34%	34%	34%	33%	15%
rejected %	37%	36%	37%	38%	36%	28%	grade 1 events	422	357	508	486	399	157
								0%	0%	0%	0%	0%	0%
							grade 2 events	20488	21093	20038	20335	21431	32574
								11%	11%	10%	10%	11%	15%
							grade 3 events	7772	7533	7717	7835	7785	14620
								4%	4%	4%	4%	4%	6%
							grade 4 events	7550	7631	7715	7839	7880	14257
								4%	4%	4%	4%	4%	6%
							grade 5 events	3691	3837	3540	4261	4131	10373
								2%	2%	1%	2%	2%	4%
							grade 6 events	16854	17510	16824	16531	19752	56443
								9%	9%	8%	8%	10%	26%
							grade 7 events	63608	62609	66328	68002	65513	50626
								34%	34%	35%	35%	34%	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	101.0829034430511	Alternating exposures requested	N	N
[deg] Pointing Dec	0	68.9869844837595	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	305.4415531043417			
[mm] SIM focus pos	-0.782348	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-233.592463	250.4635187648994			
[mm] SIM translation stage offset	0	-0.007540371344731511			
[s] Observation start time (MET)	295850933.668869	295850932.64387			
Observation start date	2007-05-18T04:48:54	2007-05-18T04:48:52			
[s] Observation end time (MET)	295866853.969629	295866852.94463			
Observation end date	2007-05-18T09:14:14	2007-05-18T09:14:12			
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)	2012.04.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7944941816926

A.2 Comments