

V&V Reference Report

L2 ASCDS Version : 8.1.1

Observation 62290 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Nov 25 2009

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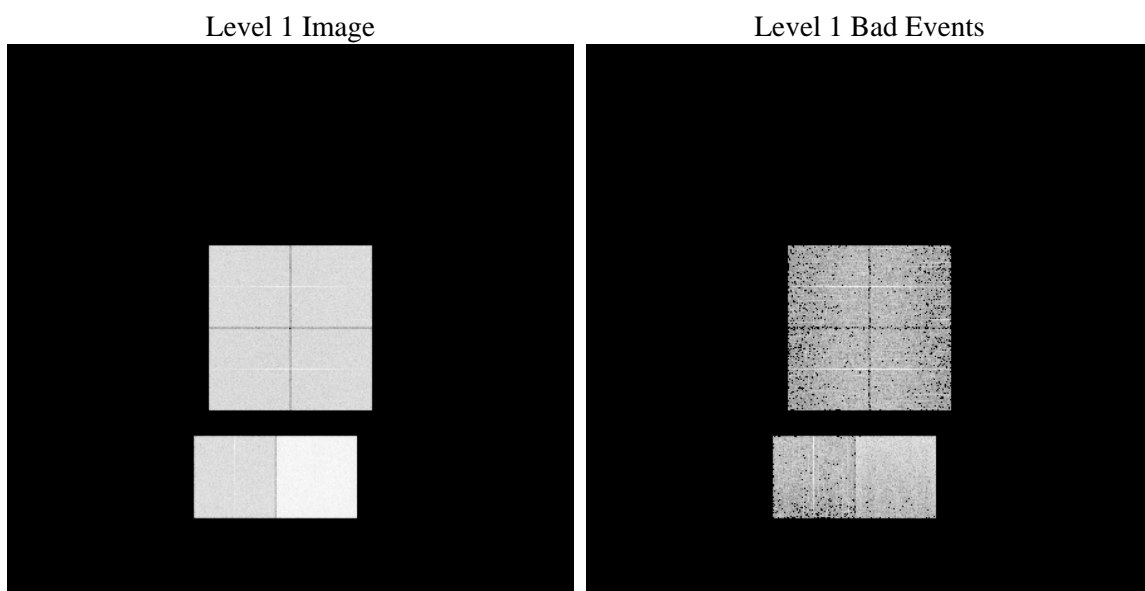
1 Front

seq_num	 	Sequence number
obs_id	62290	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
dec_targ	0.0	Observer's specified target Dec
ra_nom	240.0655208951	Nominal RA
dec_nom	70.018219307265	Nominal Dec
roll_nom	7.6326541042907	Nominal Roll
revision	4	Processing version of data
ontime	3458.5222502947	Sum of GTIs [s]
livetime	3414.7283590894	Livetime [s]
ontime0	1387.1636663377	Sum of GTIs [s]
ontime1	1419.5742060468	Sum of GTIs [s]
ontime2	1315.8609258458	Sum of GTIs [s]
ontime3	1351.8903510496	Sum of GTIs [s]
ontime6	1458.6553979814	Sum of GTIs [s]
ontime7	3458.5222502947	Sum of GTIs [s]
l2events	917866	Number of level 2 events

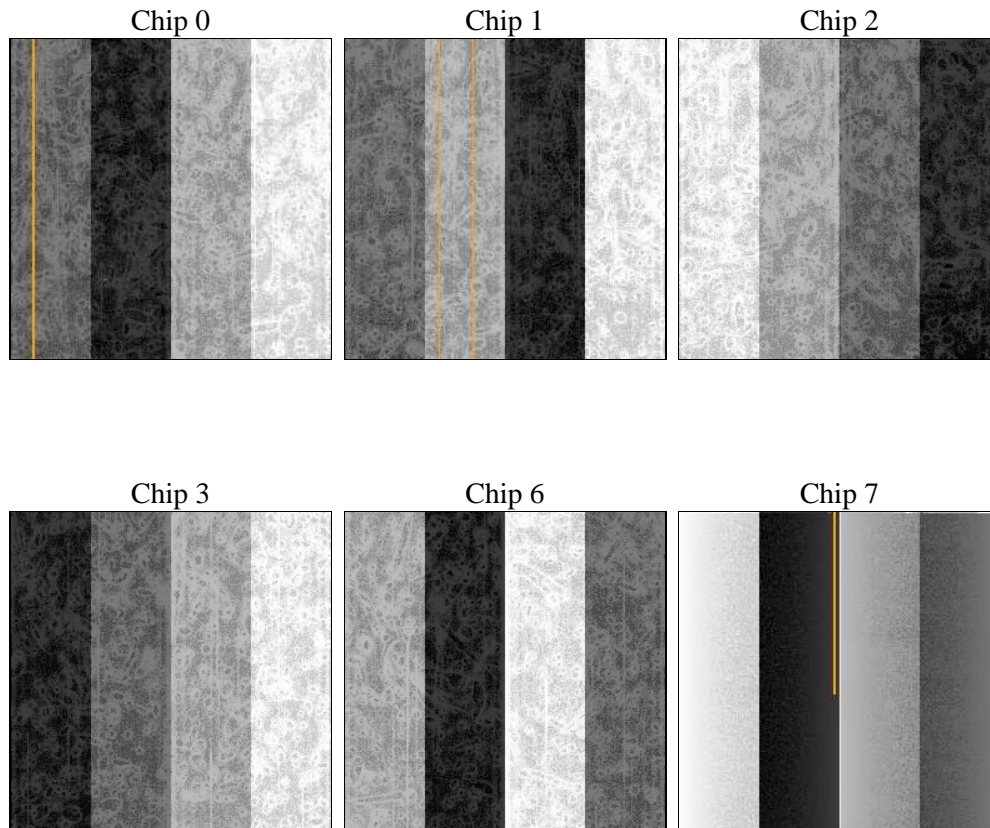
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number		
ascdsver	8.1.1	ASCDS version number	sched_exp_time	0.0
caldsver	4.1.4	 		
date	2009-11-25T08:53:12	Date and time of file creation	ontime	3458.5222502947
revision	3	Processing version of data	ontime0	1387.1636663377
			ontime1	1419.5742060468
			ontime2	1315.8609258458
			ontime3	1351.8903510496
			ontime6	1458.6553979814
			ontime7	3458.5222502947
			l1events	1060845

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	139394	142604	132980	137744	152747	355376	grade 0 events	45927	47166	36662	39076	36292	55835
rejected events	18408	18105	18779	19307	22420	36420		32%	33%	27%	28%	23%	15%
rejected %	13%	12%	14%	14%	14%	10%	grade 1 events	188	223	130	162	138	139
								0%	0%	0%	0%	0%	0%
							grade 2 events	44176	45600	49342	50533	61201	90349
								31%	31%	37%	36%	40%	25%
							grade 3 events	5022	5056	3928	4155	3748	27004
								3%	3%	2%	3%	2%	7%
							grade 4 events	4859	5114	3823	4087	3773	24239
								3%	3%	2%	2%	2%	6%
							grade 5 events	1212	1203	1024	1225	1244	5245
								0%	0%	0%	0%	0%	1%
							grade 6 events	21002	21563	20446	20827	25608	121824
								15%	15%	15%	15%	16%	34%
							grade 7 events	17008	16679	17625	17679	20743	30741
								12%	11%	13%	12%	13%	8%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
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
Pointing RA	0	240.0655208951046	Alternating exposures requested	N	N
Pointing Dec	0	70.01821930726463	Primary exposure time	3.2	3.2
Pointing Roll	0.0	7.632654104290705			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.7524282956875696			
SIM translation stage pos (mm)	-233.592463	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	60523662.036733	60523661.268109			
Observation start date	1999-12-02T12:07:42	1999-12-02T12:07:41			
Observation end time	60531736.987027	60531736.218401			
Observation end date	1999-12-02T14:22:17	1999-12-02T14:22:16			
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)	2010.01.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.4585222502947

A.2 Comments

This observation was acquired with the focal plane temperature raised from -120C to -110C, for attempted recalibration of ACIS for the 1999-09-16 through 2000-01-28 period. This reprocessing of the data applies no CTI correction because none is available for that temperature.