

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57541 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 25 2012

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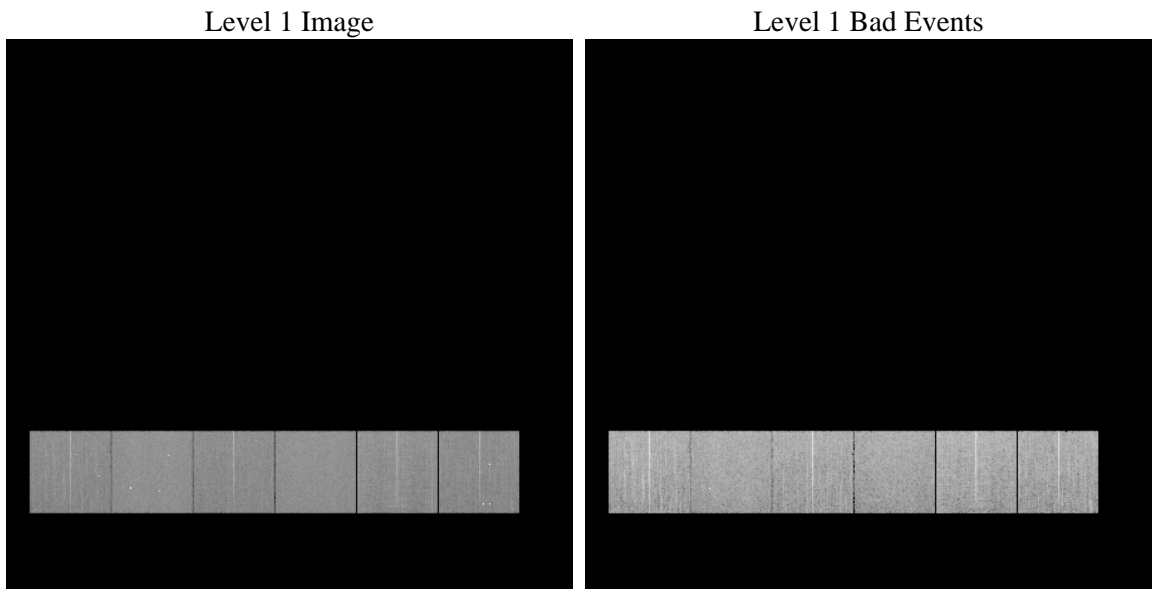
1 Front

seq_num	 	Sequence number
obs_id	57541	Observation id
title	ACIS-456789 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	37.024233213509	Nominal RA [deg]
dec_nom	-10.980096507965	Nominal Dec [deg]
roll_nom	16.743033461629	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7791.9999710321	Sum of GTIs [s]
livetime	7693.3329756198	Livetime [s]
ontime4	7791.9999710321	Sum of GTIs [s]
ontime5	7791.9999710321	Sum of GTIs [s]
ontime6	7791.9999710321	Sum of GTIs [s]
ontime7	7791.9999710321	Sum of GTIs [s]
ontime8	7791.9999710321	Sum of GTIs [s]
ontime9	7791.9999710321	Sum of GTIs [s]
l2events	548999	Number of level 2 events

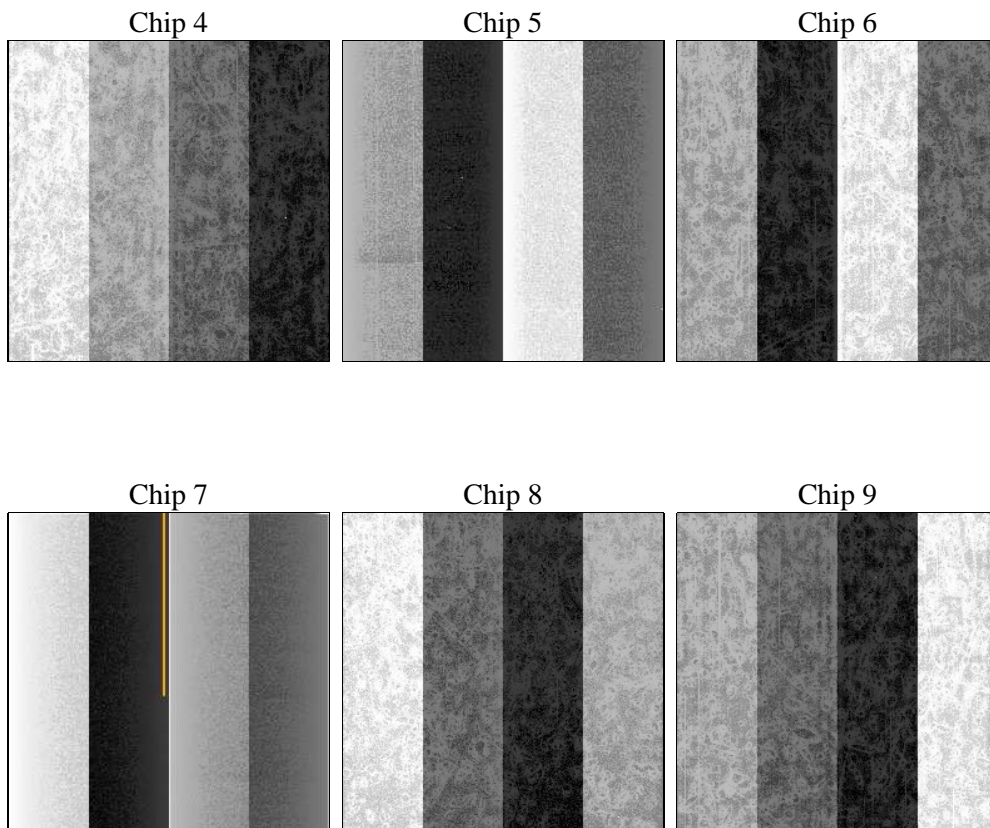
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	7791.9999710321	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	7791.9999710321	Sum of GTIs [s]
date	2012-05-25T05:43:48	Date and time of file creation	ontime5	7791.9999710321	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	7791.9999710321	Sum of GTIs [s]
			ontime7	7791.9999710321	Sum of GTIs [s]
			ontime8	7791.9999710321	Sum of GTIs [s]
			ontime9	7791.9999710321	Sum of GTIs [s]
			l1events	1046064	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9		ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	163374	188595	159631	185449	182256	166759	grade 0 events	47673	19657	46091	23589	50595	50101
rejected events	80099	69014	71908	65084	80955	74860		29%	10%	28%	12%	27%	30%
rejected %	49%	36%	45%	35%	44%	44%	grade 1 events	488	213	312	147	368	350
								0%	0%	0%	0%	0%	0%
							grade 2 events	13414	42487	15632	26037	18803	17177
								8%	22%	9%	14%	10%	10%
							grade 3 events	5793	5650	5697	11299	7239	5663
								3%	2%	3%	6%	3%	3%
							grade 4 events	5742	5650	5680	11220	7185	5714
								3%	2%	3%	6%	3%	3%
							grade 5 events	3988	9542	4249	10625	5357	4663
								2%	5%	2%	5%	2%	2%
							grade 6 events	10695	46180	14660	48279	17522	13288
								6%	24%	9%	26%	9%	7%
							grade 7 events	75581	59216	67310	54253	75187	69803
								46%	31%	42%	29%	41%	41%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-456789	ACIS-456789	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	37.02423321350946	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-10.98009650796504	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	16.74303346162885	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.7809083437167272			
[mm] SIM defocus	0.1037507710433287	0.7524282956875696			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	341318247.984427	341318246.95942			
Observation start date	2008-10-25T10:37:28	2008-10-25T10:37:26			
[s] Observation end time (MET)	341345398.185767	341345397.16076			
Observation end date	2008-10-25T18:09:58	2008-10-25T18:09:57			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.06.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7919999710321

A.2 Comments