

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57325 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 2 2012

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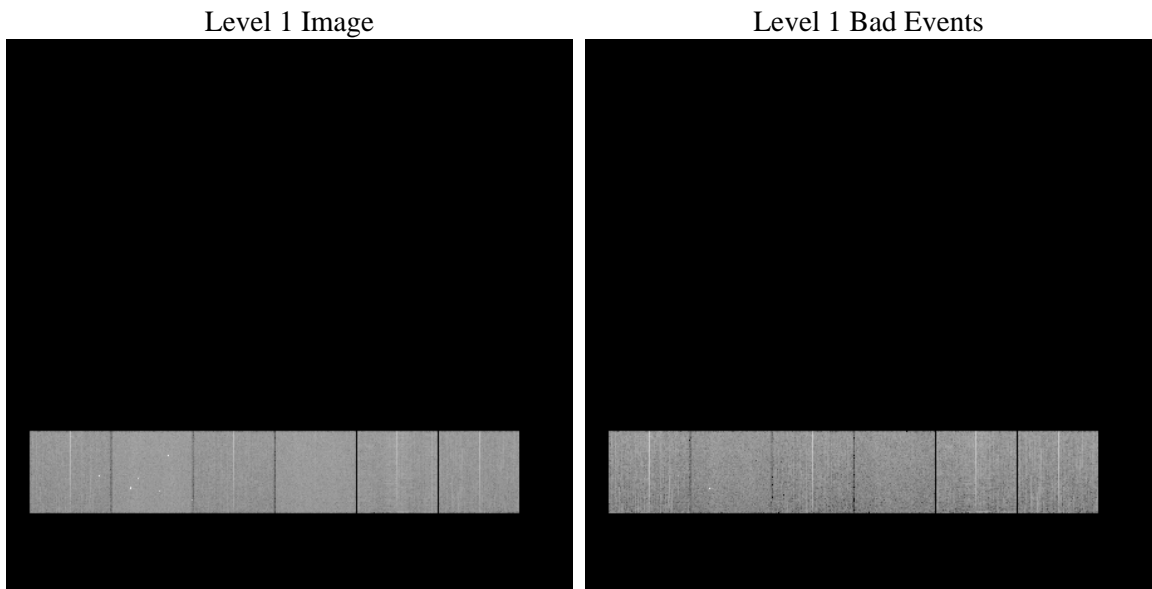
1 Front

seq_num	 	Sequence number
obs_id	57325	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	128.03198880525	Nominal RA [deg]
dec_nom	-5.989218421372	Nominal Dec [deg]
roll_nom	338.26531443672	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7058.3361188769	Sum of GTIs [s]
livetime	6968.95921692	Livetime [s]
ontime4	7058.212998867	Sum of GTIs [s]
ontime5	7058.2950788736	Sum of GTIs [s]
ontime6	7058.2540388703	Sum of GTIs [s]
ontime7	7058.3361188769	Sum of GTIs [s]
ontime8	7058.1719588637	Sum of GTIs [s]
ontime9	7058.3771588802	Sum of GTIs [s]
l2events	468742	Number of level 2 events

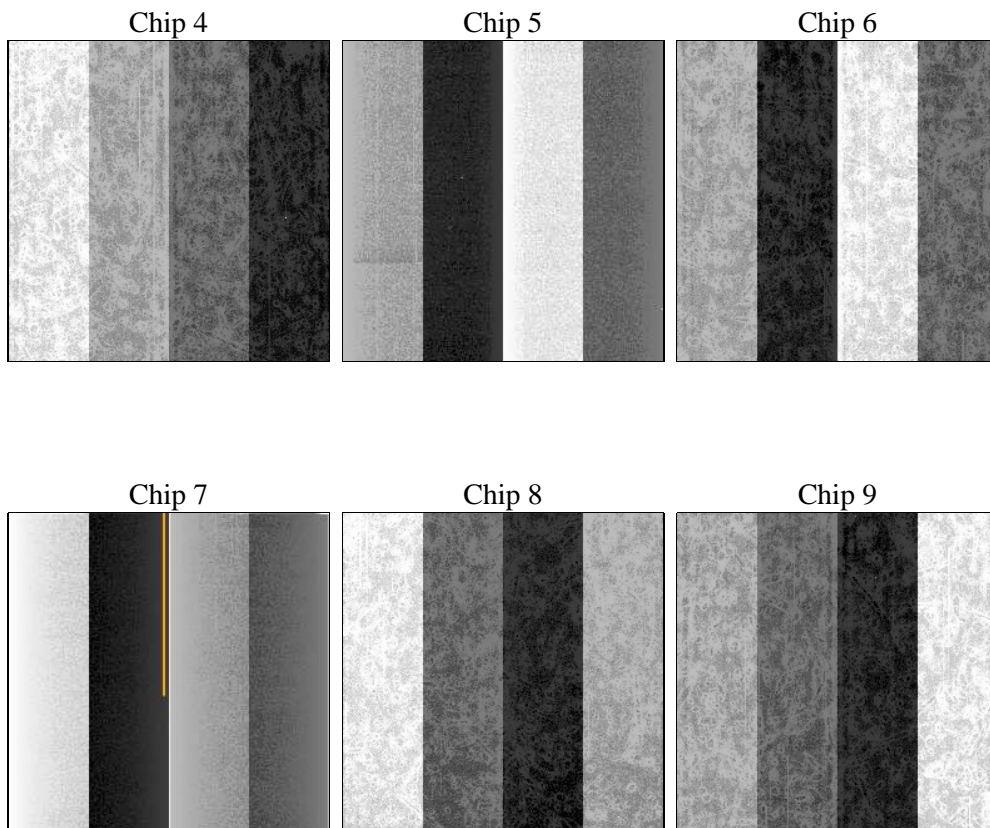
2 OBI

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	7058.3361188769	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	7058.212998867	Sum of GTIs [s]
date	2012-06-01T10:00:18	Date and time of file creation	ontime5	7058.2950788736	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	7058.2540388703	Sum of GTIs [s]
			ontime7	7058.3361188769	Sum of GTIs [s]
			ontime8	7058.1719588637	Sum of GTIs [s]
			ontime9	7058.3771588802	Sum of GTIs [s]
			l1events	920778	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	142026	170571	139846	164227	159537	144571	grade 0 events	40660	17111	39244	19933	42841	38909
rejected events	71288	65002	65986	60303	73701	71884		28%	10%	28%	12%	26%	26%
rejected %	50%	38%	47%	36%	46%	49%	grade 1 events	491	236	236	158	323	302
								0%	0%	0%	0%	0%	0%
							grade 2 events	11403	37909	13158	22703	16049	12877
								8%	22%	9%	13%	10%	8%
							grade 3 events	5122	4822	4800	9632	6371	4939
								3%	2%	3%	5%	3%	3%
							grade 4 events	4854	4769	4816	9781	6139	5069
								3%	2%	3%	5%	3%	3%
							grade 5 events	3720	8747	3835	9745	5053	4329
								2%	5%	2%	5%	3%	2%
							grade 6 events	9197	41729	12403	42623	15060	11414
								6%	24%	8%	25%	9%	7%
							grade 7 events	66579	55248	61354	49652	67701	66732
								46%	32%	43%	30%	42%	46%

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	128.0319888052473	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-5.989218421372009	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	338.2653144367204	[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)	350046367.36578	350046366.34078			
Observation start date	2009-02-03T11:06:07	2009-02-03T11:06:06			
[s] Observation end time (MET)	350058234.816369	350058233.79137			
Observation end date	2009-02-03T14:23:55	2009-02-03T14:23:53			
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)	2012.06.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.0583361188769

A.2 Comments