

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57945 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 10 2012

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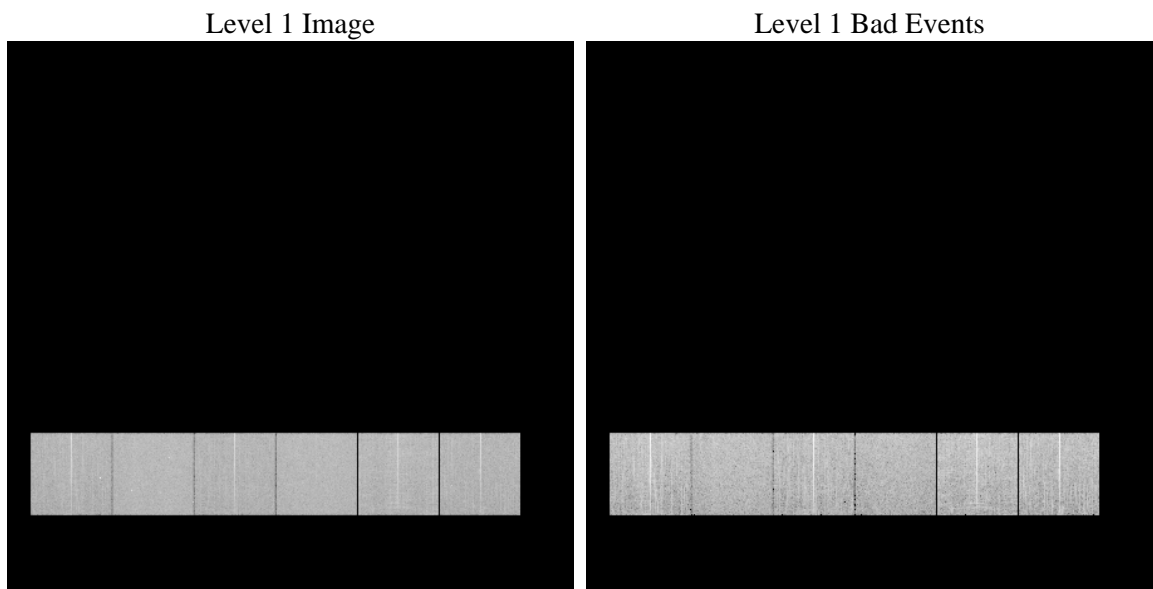
1 Front

seq_num	 	Sequence number
obs_id	57945	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	161.02311013327	Nominal RA [deg]
dec_nom	-16.981684774476	Nominal Dec [deg]
roll_nom	6.701765651388	Nominal Roll [deg]
revision	2	Processing version of data
ontime	6593.9319851398	Sum of GTIs [s]
livetime	6510.4356479548	Livetime [s]
ontime4	6593.8088651299	Sum of GTIs [s]
ontime5	6593.8909451365	Sum of GTIs [s]
ontime6	6593.8499051332	Sum of GTIs [s]
ontime7	6593.9319851398	Sum of GTIs [s]
ontime8	6593.7678251266	Sum of GTIs [s]
ontime9	6593.9730251431	Sum of GTIs [s]
l2events	519527	Number of level 2 events

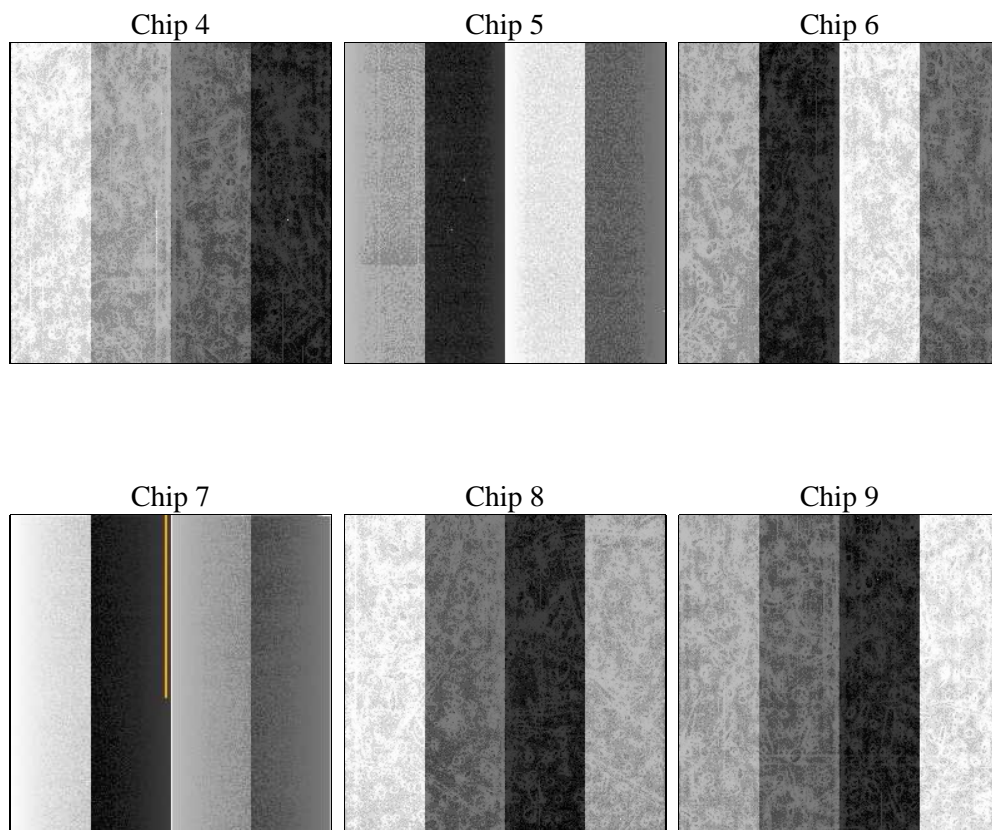
2 OBI

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	6593.9319851398	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	6593.8088651299	Sum of GTIs [s]
date	2012-05-10T11:48:32	Date and time of file creation	ontime5	6593.8909451365	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	6593.8499051332	Sum of GTIs [s]
			ontime7	6593.9319851398	Sum of GTIs [s]
			ontime8	6593.7678251266	Sum of GTIs [s]
			ontime9	6593.9730251431	Sum of GTIs [s]
			l1events	935937	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	147818	166265	147604	164163	164303	145784	grade 0 events	46629	17125	45924	22355	49634	45236
rejected events	67722	59421	62430	54438	68702	63474		31%	10%	31%	13%	30%	31%
rejected %	45%	35%	42%	33%	41%	43%	grade 1 events	474	203	273	120	327	329
								0%	0%	0%	0%	0%	0%
							grade 2 events	12809	39126	15175	24071	17797	14509
								8%	23%	10%	14%	10%	9%
							grade 3 events	5686	5425	5632	10660	6851	5421
								3%	3%	3%	6%	4%	3%
							grade 4 events	5588	5194	5520	10452	6615	5446
								3%	3%	3%	6%	4%	3%
							grade 5 events	3266	7925	3572	8728	4479	3933
								2%	4%	2%	5%	2%	2%
							grade 6 events	10623	41493	14148	43776	16134	12862
								7%	24%	9%	26%	9%	8%
							grade 7 events	62743	49774	57360	44001	62466	58048
								42%	29%	38%	26%	38%	39%

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	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	161.0231101332736	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-16.98168477447624	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	6.701765651388048			
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	320336190.198318	320336189.17332			
Observation start date	2008-02-25T14:16:30	2008-02-25T14:16:29			
[s] Observation end time (MET)	320357983.749376	320357982.72438			
Observation end date	2008-02-25T20:19:44	2008-02-25T20:19:42			
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)	2012.05.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.5939319851398

A.2 Comments