

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56762 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 15 2012

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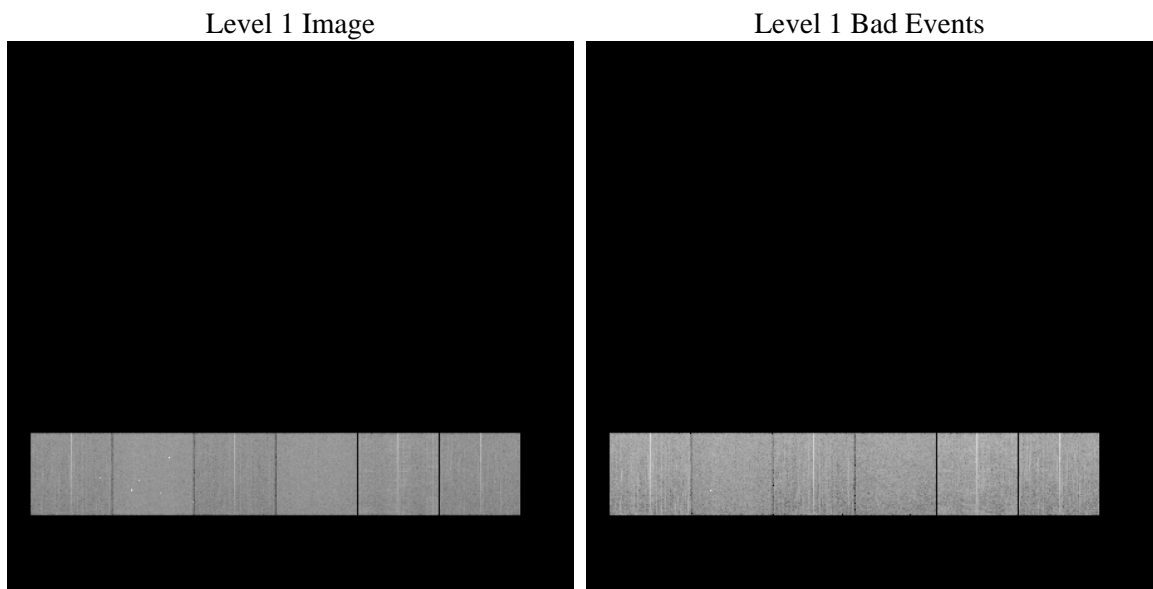
1 Front

seq_num	 	Sequence number
obs_id	56762	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	11.651434516989	Nominal RA [deg]
dec_nom	16.246968793218	Nominal Dec [deg]
roll_nom	198.40649915367	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8149.7710497975	Sum of GTIs [s]
livetime	8046.573741562	Livetime [s]
ontime4	8149.6479297876	Sum of GTIs [s]
ontime5	8149.7300097942	Sum of GTIs [s]
ontime6	8149.6889697909	Sum of GTIs [s]
ontime7	8149.7710497975	Sum of GTIs [s]
ontime8	8149.6068897843	Sum of GTIs [s]
ontime9	8149.8120898008	Sum of GTIs [s]
l2events	486670	Number of level 2 events

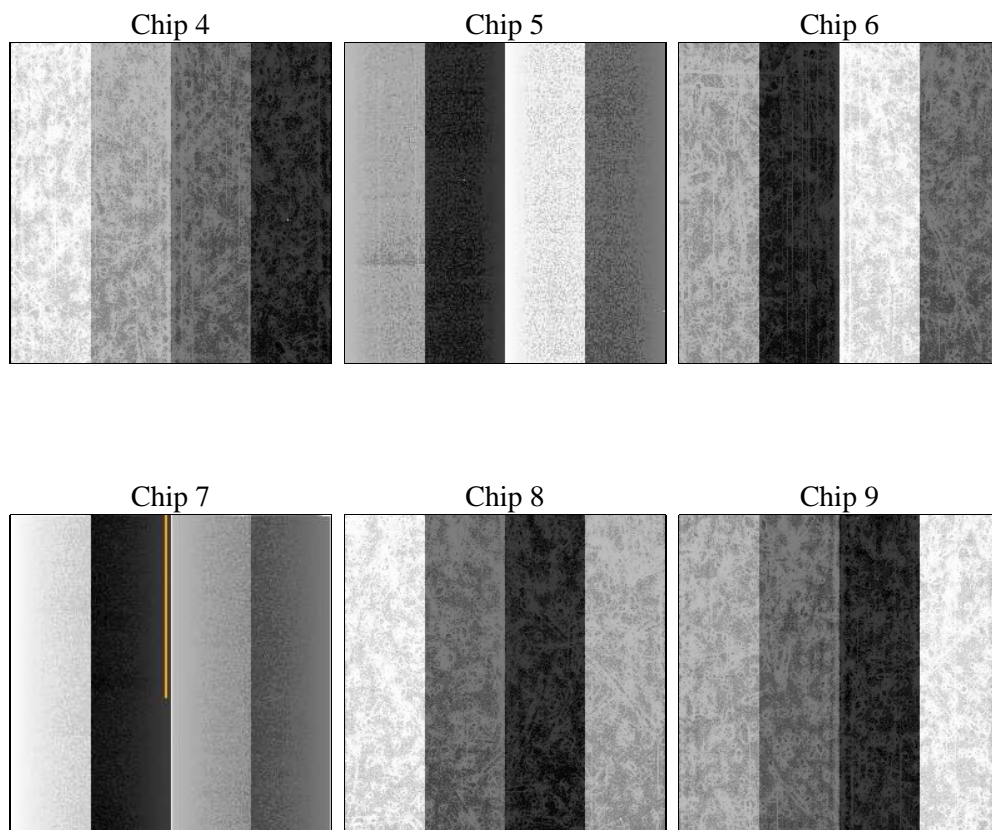
2 OBI

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	8.4.5	Processing system revision	ontime	8149.7710497975	Sum of GTIs [s]
caldsver	4.4.10	 	ontime4	8149.6479297876	Sum of GTIs [s]
date	2012-06-15T13:26:24	Date and time of file creation	ontime5	8149.7300097942	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8149.6889697909	Sum of GTIs [s]
			ontime7	8149.7710497975	Sum of GTIs [s]
			ontime8	8149.6068897843	Sum of GTIs [s]
			ontime9	8149.8120898008	Sum of GTIs [s]
			l1events	1012736	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	158191	190947	151646	181625	177834	152493	grade 0 events	39474	18655	39032	20148	42825	38277
rejected events	87578	75086	77177	70831	88798	80201		24%	9%	25%	11%	24%	25%
rejected %	55%	39%	50%	38%	49%	52%	grade 1 events	432	277	241	172	335	330
								0%	0%	0%	0%	0%	0%
							grade 2 events	11621	40172	13421	24100	16916	12721
								7%	21%	8%	13%	9%	8%
							grade 3 events	4975	5388	4931	10156	6623	4942
								3%	2%	3%	5%	3%	3%
							grade 4 events	5085	5258	4846	10266	6464	4963
								3%	2%	3%	5%	3%	3%
							grade 5 events	4422	10373	4582	11532	5874	5118
								2%	5%	3%	6%	3%	3%
							grade 6 events	9458	46388	12239	46124	16208	11389
								5%	24%	8%	25%	9%	7%
							grade 7 events	82724	64436	72354	59127	82589	74753
								52%	33%	47%	32%	46%	49%

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	11.65143451698867	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	16.24696879321796	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	198.4064991536655	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.6828225247311905			
[mm] SIM defocus	0.1037507710433287	0.8505141146731063			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	371480186.485554	371480185.46055			
Observation start date	2009-10-09T12:56:26	2009-10-09T12:56:25			
[s] Observation end time (MET)	371497092.836405	371497091.81141			
Observation end date	2009-10-09T17:38:13	2009-10-09T17:38:11			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.06.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1497710497975

A.2 Comments