

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60506 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 5 2012

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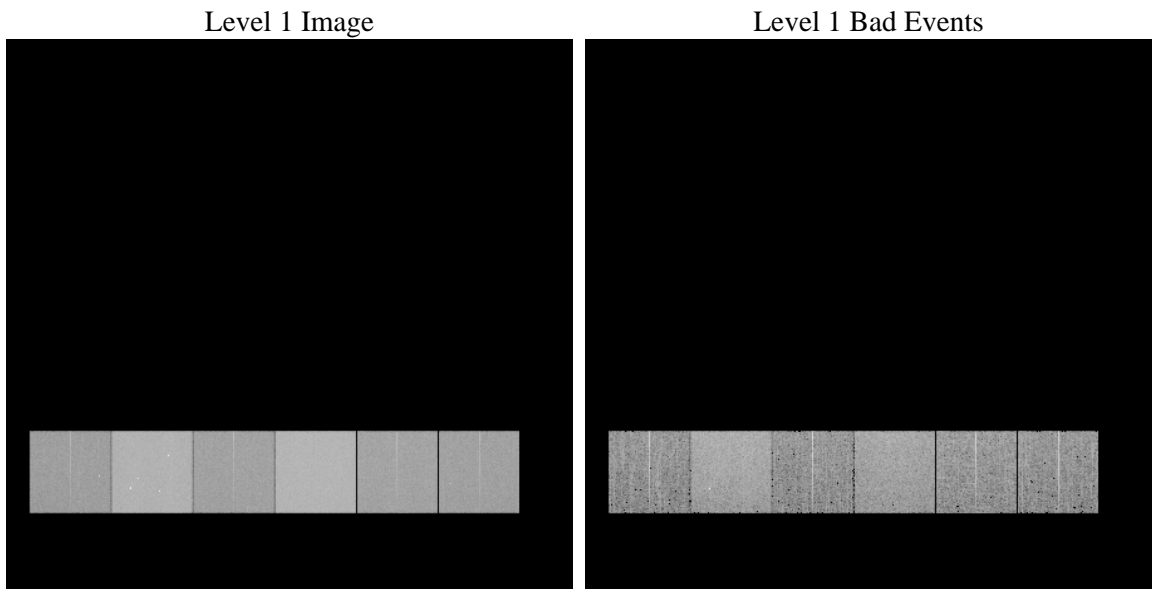
1 Front

seq_num	 	Sequence number
obs_id	60506	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	4.3283837564847	Nominal RA [deg]
dec_nom	-9.1057537351848	Nominal Dec [deg]
roll_nom	315.55963677987	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8345.4431248307	Sum of GTIs [s]
livetime	8239.7680989616	Livetime [s]
ontime4	3863.3100997806	Sum of GTIs [s]
ontime5	8345.4020848274	Sum of GTIs [s]
ontime6	4190.4236216843	Sum of GTIs [s]
ontime7	8345.4431248307	Sum of GTIs [s]
ontime8	4365.3554712534	Sum of GTIs [s]
ontime9	4145.1726897657	Sum of GTIs [s]
l2events	1220461	Number of level 2 events

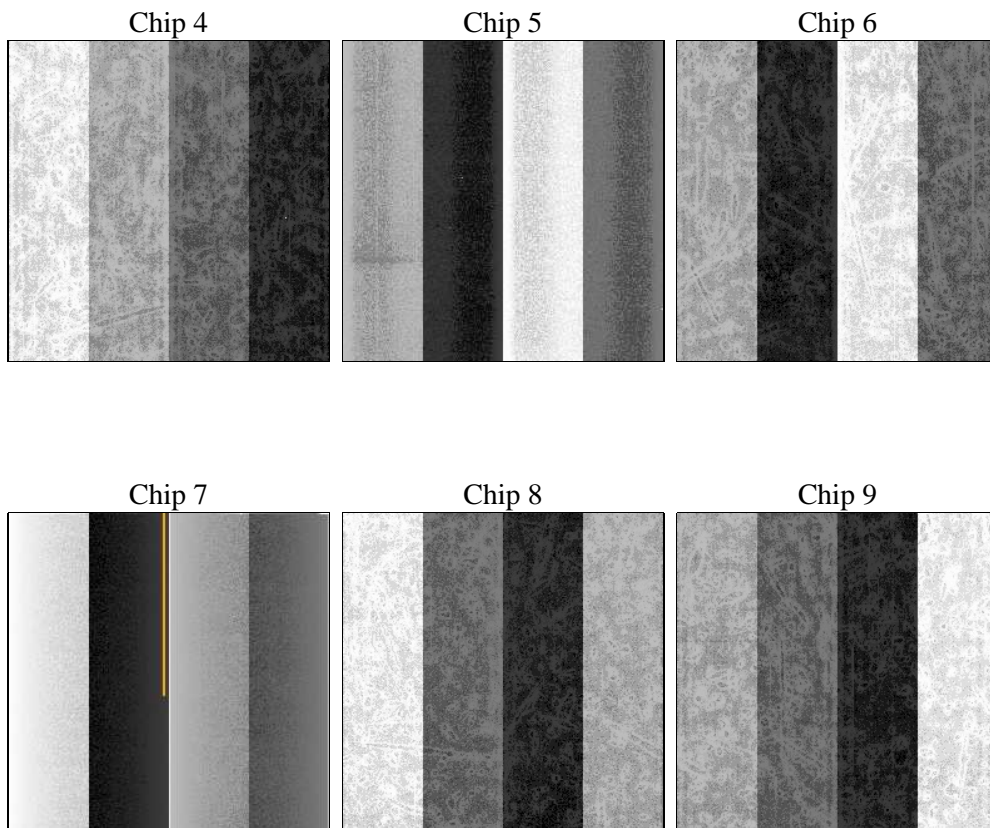
2 OBI

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	8345.4431248307	Sum of GTIs [s]
caldsver	4.5.2	 	ontime4	3863.3100997806	Sum of GTIs [s]
date	2012-11-05T21:06:02	Date and time of file creation	ontime5	8345.4020848274	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	4190.4236216843	Sum of GTIs [s]
			ontime7	8345.4431248307	Sum of GTIs [s]
			ontime8	4365.3554712534	Sum of GTIs [s]
			ontime9	4145.1726897657	Sum of GTIs [s]
			l1events	1538597	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	178810	358175	201607	388877	216019	195109	grade 0 events	84722	68715	91427	85341	97593	88887
rejected events	34327	61356	34687	52011	38624	34919		47%	19%	45%	21%	45%	45%
rejected %	19%	17%	17%	13%	17%	17%	grade 1 events	644	220	531	240	553	510
								0%	0%	0%	0%	0%	0%
							grade 2 events	23158	109061	28953	74699	31084	27665
								12%	30%	14%	19%	14%	14%
							grade 3 events	9728	17892	10365	33950	11460	10366
								5%	4%	5%	8%	5%	5%
							grade 4 events	9709	17889	10481	33337	11579	10367
								5%	4%	5%	8%	5%	5%
							grade 5 events	1948	9643	2182	8914	2536	2226
								1%	2%	1%	2%	1%	1%
							grade 6 events	19338	87119	28123	114039	28153	25266
								10%	24%	13%	29%	13%	12%
							grade 7 events	29563	47636	29545	38357	33061	29822
								16%	13%	14%	9%	15%	15%

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	4.328383756484683	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-9.105753735184839	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	315.5596367798668			
[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)	182799051.653496	182799050.62876			
Observation start date	2003-10-17T17:30:52	2003-10-17T17:30:50			
[s] Observation end time (MET)	182822997.704541	182822996.67979			
Observation end date	2003-10-18T00:09:58	2003-10-18T00:09:56			
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)	2012.12.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.3454431248307

A.2 Comments