

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61863 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 3 2012

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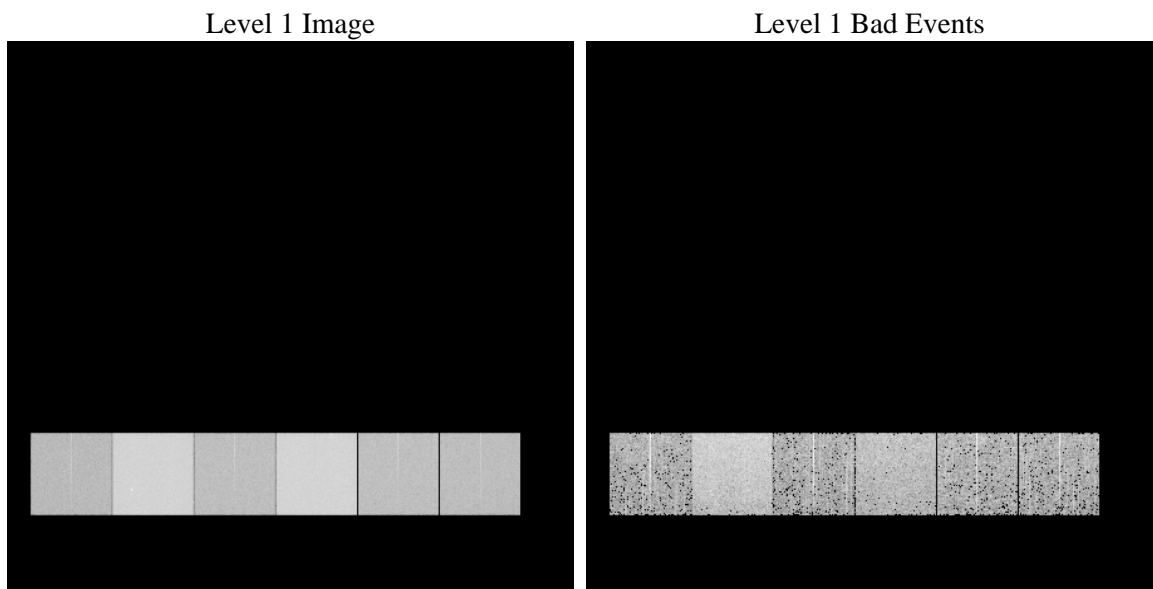
1 Front

seq_num	 	Sequence number
obs_id	61863	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	176.35455309697	Nominal RA [deg]
dec_nom	56.51756683058	Nominal Dec [deg]
roll_nom	41.149556775531	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5090.6792556494	Sum of GTIs [s]
livetime	5026.2180096754	Livetime [s]
ontime4	2073.420315221	Sum of GTIs [s]
ontime5	5468.4921028465	Sum of GTIs [s]
ontime6	2267.8415251225	Sum of GTIs [s]
ontime7	5090.6792556494	Sum of GTIs [s]
ontime8	2323.0212551504	Sum of GTIs [s]
ontime9	2235.3079953343	Sum of GTIs [s]
l2events	1358999	Number of level 2 events

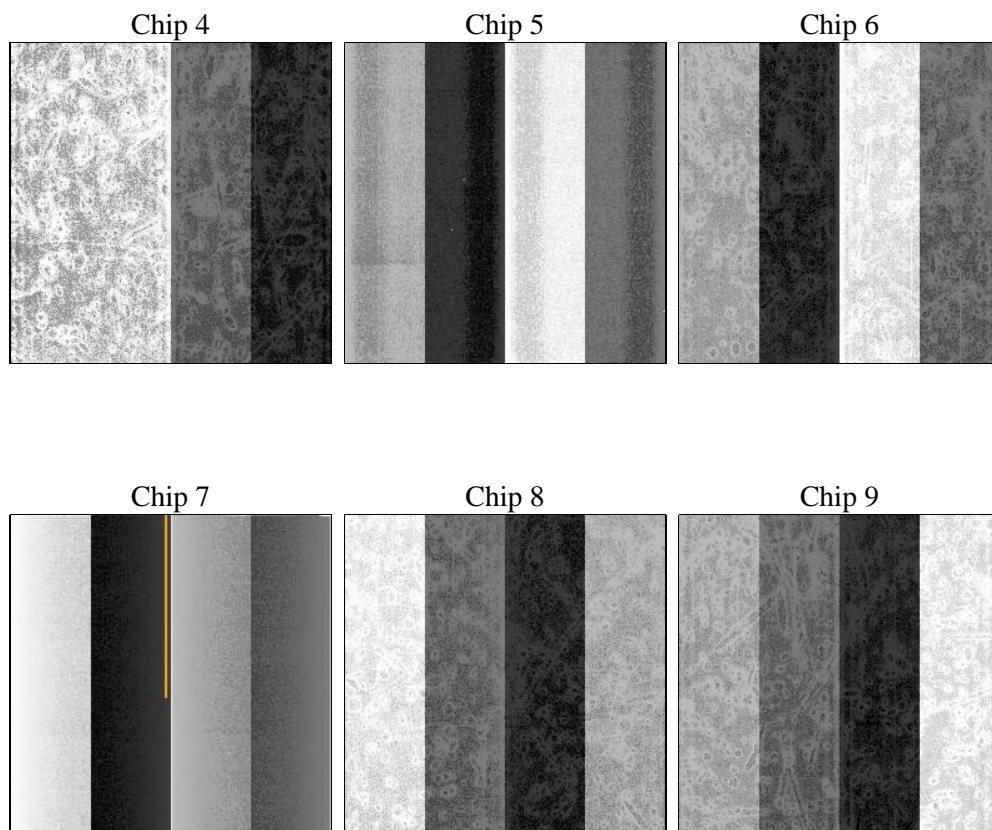
2 OBI

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	5090.6792556494	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime4	2073.420315221	Sum of GTIs [s]
date	2012-09-03T05:23:19	Date and time of file creation	ontime5	5468.4921028465	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	2267.8415251225	Sum of GTIs [s]
			ontime7	5090.6792556494	Sum of GTIs [s]
			ontime8	2323.0212551504	Sum of GTIs [s]
			ontime9	2235.3079953343	Sum of GTIs [s]
			l1events	1555116	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	166592	398020	193660	411315	200154	185375	grade 0 events	84032	85815	95833	98030	99480	91921
rejected events	18121	39806	18286	25693	19478	18072		50%	21%	49%	23%	49%	49%
rejected %	10%	10%	9%	6%	9%	9%	grade 1 events	480	233	493	233	486	466
								0%	0%	0%	0%	0%	0%
							grade 2 events	26233	130781	30335	84379	31947	29447
								15%	32%	15%	20%	15%	15%
							grade 3 events	9200	22504	10816	39491	11661	10388
								5%	5%	5%	9%	5%	5%
							grade 4 events	9055	22537	10832	39208	11173	10323
								5%	5%	5%	9%	5%	5%
							grade 5 events	1286	8095	1474	5712	1497	1442
								0%	2%	0%	1%	0%	0%
							grade 6 events	19951	96577	27558	124514	26415	25224
								11%	24%	14%	30%	13%	13%
							grade 7 events	16355	31478	16319	19748	17495	16164
								9%	7%	8%	4%	8%	8%

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	176.3545530969716	Alternating exposures requested	N	N
[deg] Pointing Dec	0	56.51756683058014	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	41.14955677553148			
[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)	89591170.76265401	89591169.99405301			
Observation start date	2000-11-02T22:26:11	2000-11-02T22:26:09			
[s] Observation end time (MET)	89601681.11305299	89601680.34445			
Observation end date	2000-11-03T01:21:21	2000-11-03T01:21:20			
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)	2012.09.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.0906792556494

A.2 Comments