

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61805 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Sep 5 2012

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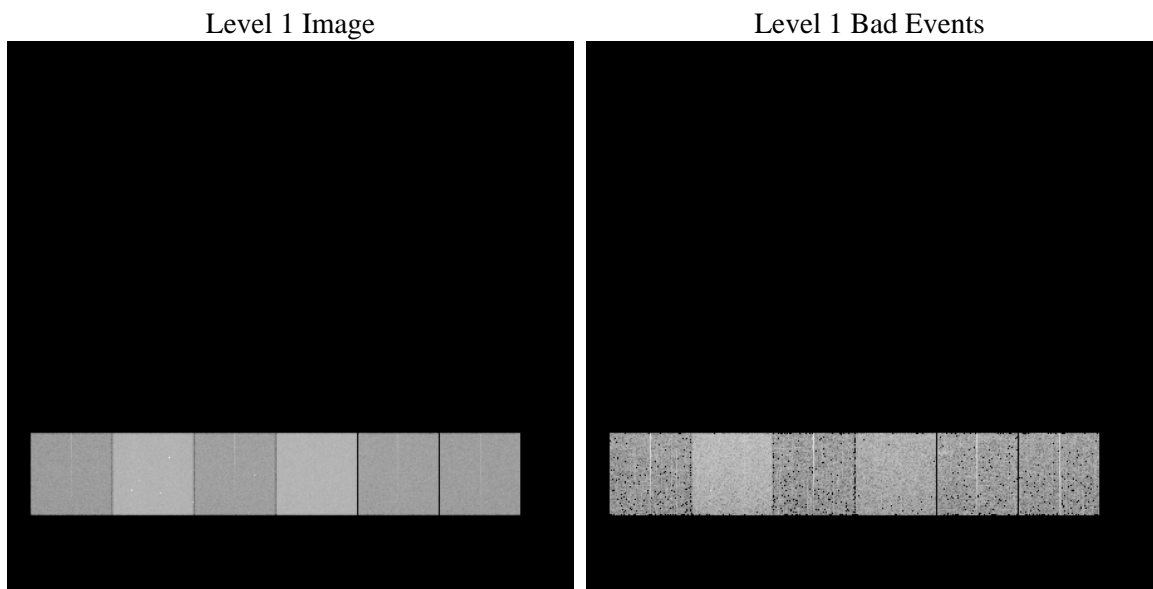
1 Front

seq_num	 	Sequence number
obs_id	61805	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	92.628768779494	Nominal RA [deg]
dec_nom	-30.585503747521	Nominal Dec [deg]
roll_nom	357.8129432412	Nominal Roll [deg]
revision	4	Processing version of data
ontime	5123.097352609	Sum of GTIs [s]
livetime	5058.2256091714	Livetime [s]
ontime4	2190.3861986995	Sum of GTIs [s]
ontime5	5505.5315190107	Sum of GTIs [s]
ontime6	2368.2394948155	Sum of GTIs [s]
ontime7	5123.097352609	Sum of GTIs [s]
ontime8	2388.1306183487	Sum of GTIs [s]
ontime9	2258.0441749394	Sum of GTIs [s]
l2events	1338822	Number of level 2 events

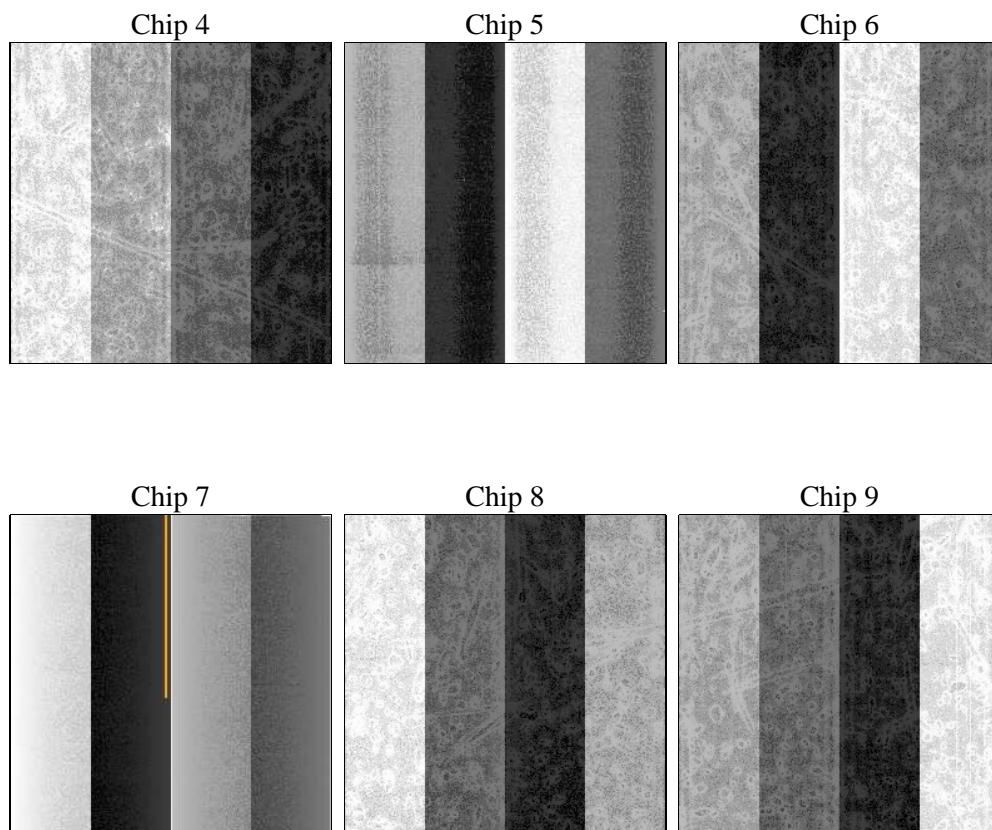
2 OBI

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	5123.097352609	Sum of GTIs [s]
caldbver	4.5.1.1	 	ontime4	2190.3861986995	Sum of GTIs [s]
date	2012-09-05T06:01:08	Date and time of file creation	ontime5	5505.5315190107	Sum of GTIs [s]
revision	4	Processing version of data	ontime6	2368.2394948155	Sum of GTIs [s]
			ontime7	5123.097352609	Sum of GTIs [s]
			ontime8	2388.1306183487	Sum of GTIs [s]
			ontime9	2258.0441749394	Sum of GTIs [s]
			l1events	1554926	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	172814	394324	197491	407473	200350	182474	grade 0 events	87584	89898	98385	98523	99679	90092
rejected events	19803	43458	19525	30169	21981	20062		50%	22%	49%	24%	49%	49%
rejected %	11%	11%	9%	7%	10%	10%	grade 1 events	472	274	456	273	486	467
								0%	0%	0%	0%	0%	0%
							grade 2 events	27240	125815	30888	84844	31872	29431
								15%	31%	15%	20%	15%	16%
							grade 3 events	9520	23282	11066	39238	11358	10110
								5%	5%	5%	9%	5%	5%
							grade 4 events	9517	22972	11065	38655	11515	10219
								5%	5%	5%	9%	5%	5%
							grade 5 events	1284	8016	1455	5616	1604	1445
								0%	2%	0%	1%	0%	0%
							grade 6 events	20948	93453	28461	121003	26598	24692
								12%	23%	14%	29%	13%	13%
							grade 7 events	16249	30614	15715	19321	17238	16018
								9%	7%	7%	4%	8%	8%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-456789	ACIS-456789
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	92.62876877949412
[deg] Pointing Dec	0	-30.58550374752055
[deg] Pointing Roll	0.0	357.8129432412015
[mm] SIM focus pos	-0.684267	-0.7809083437167272
[mm] SIM defocus	0	0.7524282956875696
[mm] SIM translation stage pos	-190.132523	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	94149940.436	94149939.667919
Observation start date	2000-12-25T16:45:40	2000-12-25T16:45:39
[s] Observation end time (MET)	94171494.13699999	94171493.368744
Observation end date	2000-12-25T22:44:54	2000-12-25T22:44:53
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	0.000000	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.09.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.123097352609

A.2 Comments