

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61022 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 14 2012

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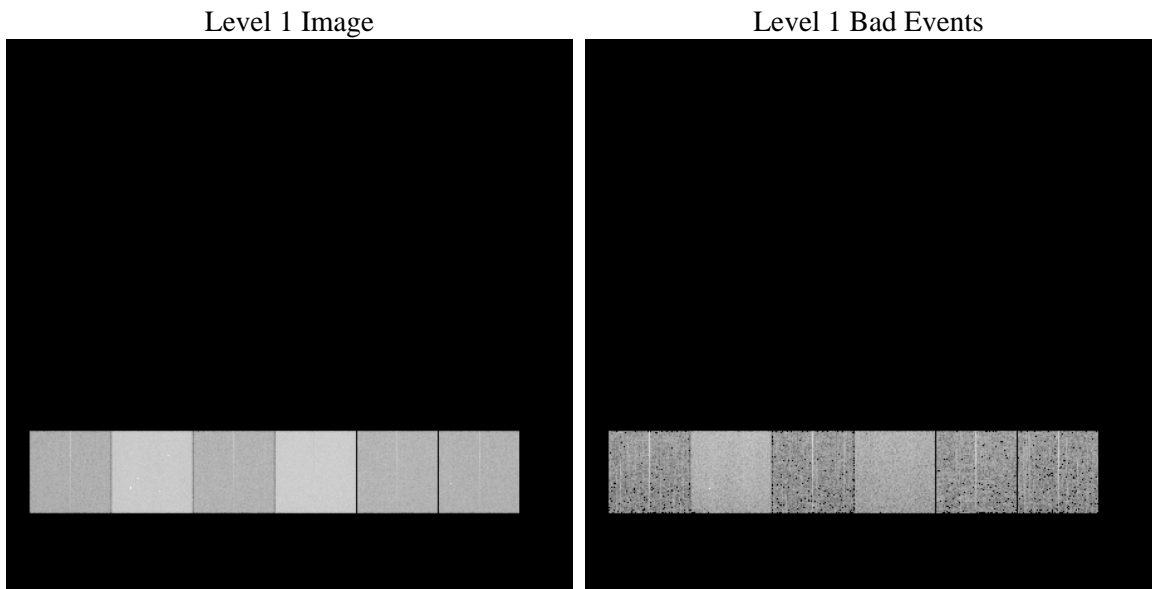
1 Front

seq_num	 	Sequence number
obs_id	61022	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	250.71599324204	Nominal RA [deg]
dec_nom	2.0762856673595	Nominal Dec [deg]
roll_nom	271.16736896297	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8457.2853924334	Sum of GTIs [s]
livetime	8350.1941524285	Livetime [s]
ontime4	2997.9584340453	Sum of GTIs [s]
ontime5	8457.2443524301	Sum of GTIs [s]
ontime6	3241.0349683762	Sum of GTIs [s]
ontime7	8457.2853924334	Sum of GTIs [s]
ontime8	3346.1036544144	Sum of GTIs [s]
ontime9	3192.4197372496	Sum of GTIs [s]
l2events	1292919	Number of level 2 events

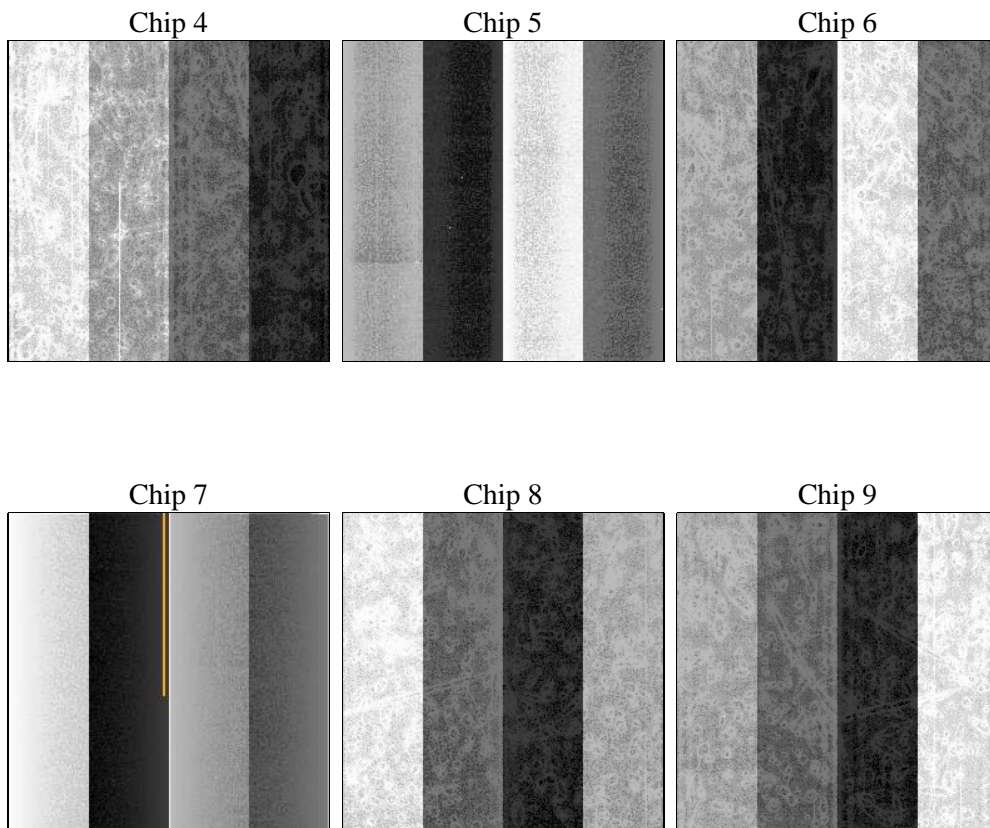
2 OBI

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	8457.2853924334	Sum of GTIs [s]
caldsver	4.5.2	 	ontime4	2997.9584340453	Sum of GTIs [s]
date	2012-10-15T00:43:34	Date and time of file creation	ontime5	8457.2443524301	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	3241.0349683762	Sum of GTIs [s]
			ontime7	8457.2853924334	Sum of GTIs [s]
			ontime8	3346.1036544144	Sum of GTIs [s]
			ontime9	3192.4197372496	Sum of GTIs [s]
			l1events	1550056	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	155956	409673	178530	448279	187299	170319	grade 0 events	77979	70498	84902	100331	89197	82110
rejected events	24367	59697	23734	44140	26032	23515		50%	17%	47%	22%	47%	48%
rejected %	15%	14%	13%	9%	13%	13%	grade 1 events	534	241	407	241	469	450
								0%	0%	0%	0%	0%	0%
							grade 2 events	19716	138883	26527	89578	27596	24298
								12%	33%	14%	19%	14%	14%
							grade 3 events	8786	18419	9215	40607	10446	9230
								5%	4%	5%	9%	5%	5%
							grade 4 events	8596	18062	9481	39769	10360	9368
								5%	4%	5%	8%	5%	5%
							grade 5 events	1497	9875	1719	8508	1919	1644
								0%	2%	0%	1%	1%	0%
							grade 6 events	16512	104253	24671	133993	23813	21798
								10%	25%	13%	29%	12%	12%
							grade 7 events	22336	49442	21608	35252	23499	21421
								14%	12%	12%	7%	12%	12%

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	250.7159932420432
[deg] Pointing Dec	0	2.076285667359492
[deg] Pointing Roll	0.0	271.1673689629716
[mm] SIM focus pos	-0.684267	-1.038866356238299
[mm] SIM defocus	0	0.4944702831659975
[mm] SIM translation stage pos	-190.132523	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	149214142.13624	149214141.11152
Observation start date	2002-09-24T00:22:22	2002-09-24T00:22:21
[s] Observation end time (MET)	149237268.187198	149237267.16248
Observation end date	2002-09-24T06:47:48	2002-09-24T06:47:47
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)	2012.10.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4572853924334

A.2 Comments