

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 62003 - L2 Version 6
Chandra X-Ray Center

L2 Processing Date : Jan 3 2013

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Star Slots	6
2.4	FID Slots	6
A	Summary	7
A.1	Status	7
A.2	Comments	7

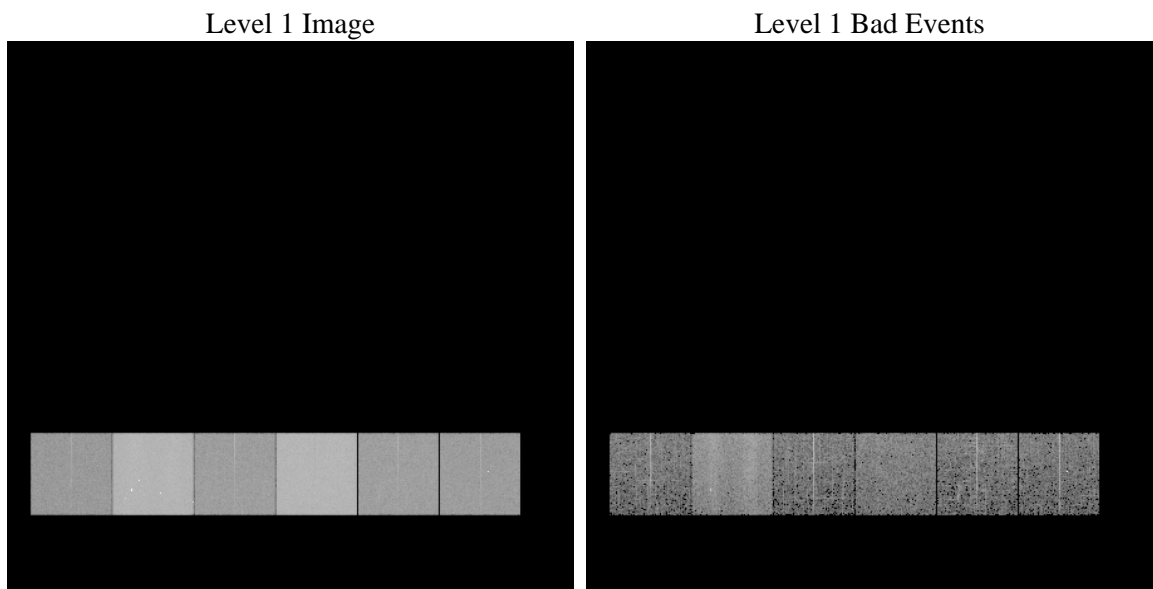
1 Front

seq_num	 	Sequence number
obs_id	62003	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	334.09883737495	Nominal RA [deg]
dec_nom	56.555510365507	Nominal Dec [deg]
roll_nom	136.57618973898	Nominal Roll [deg]
revision	6	Processing version of data
ontime	4433.6233749539	Sum of GTIs [s]
livetime	4377.4821661727	Livetime [s]
ontime4	1737.0959272087	Sum of GTIs [s]
ontime5	4751.2386344522	Sum of GTIs [s]
ontime6	1937.3003419191	Sum of GTIs [s]
ontime7	4433.6233749539	Sum of GTIs [s]
ontime8	1967.2097865194	Sum of GTIs [s]
ontime9	1898.2847918719	Sum of GTIs [s]
l2events	1224607	Number of level 2 events

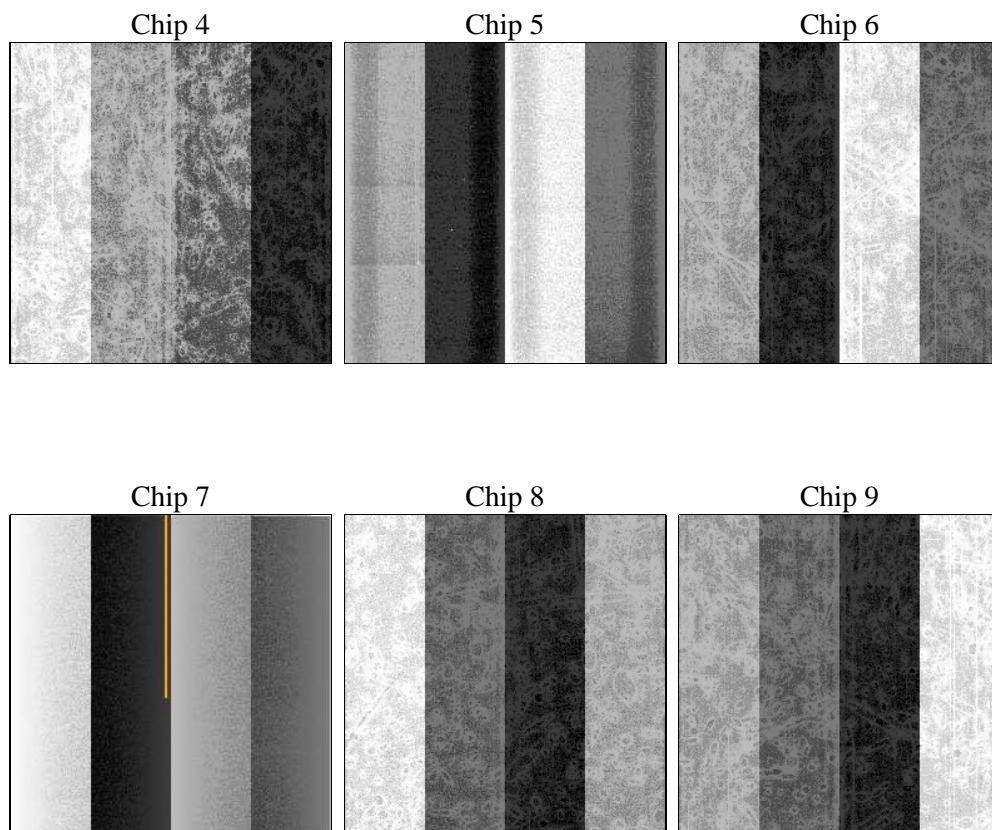
2 OBI

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	8.5.1.1	Processing system revision	ontime	4433.6233749539	Sum of GTIs [s]
caldsver	4.5.5	 	ontime4	1737.0959272087	Sum of GTIs [s]
date	2013-01-03T03:54:13	Date and time of file creation	ontime5	4751.2386344522	Sum of GTIs [s]
revision	6	Processing version of data	ontime6	1937.3003419191	Sum of GTIs [s]
			ontime7	4433.6233749539	Sum of GTIs [s]
			ontime8	1967.2097865194	Sum of GTIs [s]
			ontime9	1898.2847918719	Sum of GTIs [s]
			l1events	1431865	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	145899	382078	173065	389818	177402	163603	grade 0 events	44190	71662	65869	90371	77701	64632
rejected events	21480	45769	21091	24671	21343	19674		30%	18%	38%	23%	43%	39%
rejected %	14%	11%	12%	6%	12%	12%	grade 1 events	196	352	253	257	321	822
								0%	0%	0%	0%	0%	0%
							grade 2 events	51210	123587	45929	80396	37175	41117
								35%	32%	26%	20%	20%	25%
							grade 3 events	4428	21320	6786	38101	8370	6933
								3%	5%	3%	9%	4%	4%
							grade 4 events	4338	19166	6919	36654	8369	6957
								2%	5%	3%	9%	4%	4%
							grade 5 events	1516	8184	1629	5313	1488	1608
								1%	2%	0%	1%	0%	0%
							grade 6 events	20473	100786	26471	119896	24741	24290
								14%	26%	15%	30%	13%	14%
							grade 7 events	19548	37021	19209	18830	19237	17244
								13%	9%	11%	4%	10%	10%

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	334.0988373749455
[deg] Pointing Dec	0	56.55551036550714
[deg] Pointing Roll	0.0	136.5761897389771
[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)	79264494.22499999	79264493.456991
Observation start date	2000-07-06T09:54:54	2000-07-06T09:54:53
[s] Observation end time (MET)	79307644.677	79307643.90857799
Observation end date	2000-07-06T21:54:05	2000-07-06T21:54:03
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	Joy Nichols
V&V Date (YYYY-MM-DD)	2013.01.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.4336233749539

A.2 Comments