

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 58928 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 3 2012

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

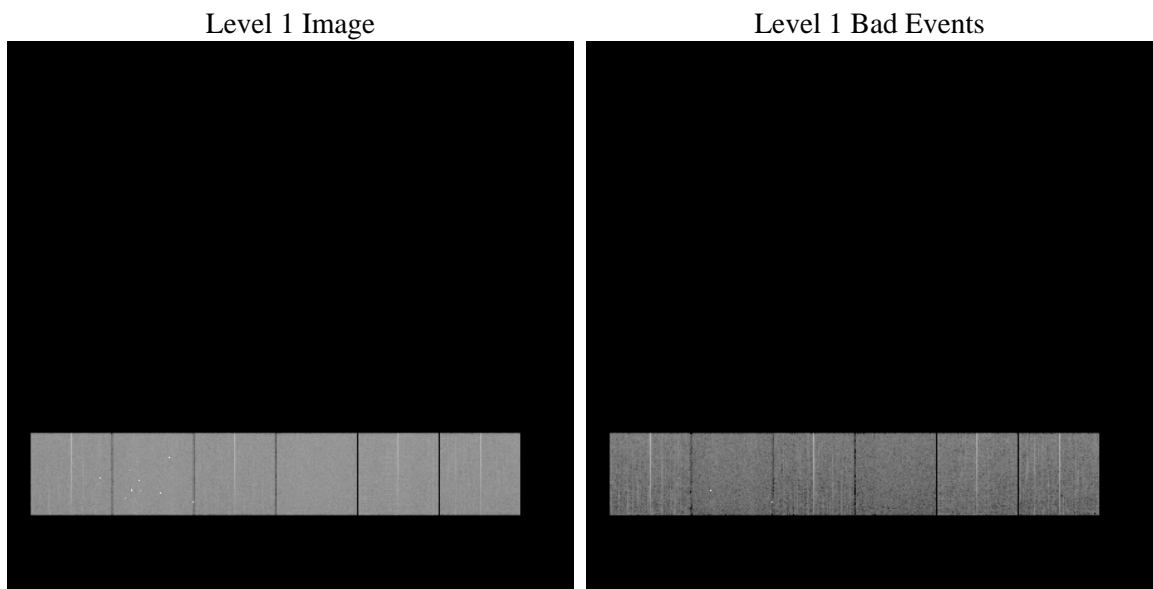
1 Front

seq_num	 	Sequence number
obs_id	58928	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	236.24795535491	Nominal RA [deg]
dec_nom	-6.1385511068143	Nominal Dec [deg]
roll_nom	233.03955776145	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8270.6740093529	Sum of GTIs [s]
livetime	8165.9457550445	Livetime [s]
ontime4	8270.550889343	Sum of GTIs [s]
ontime5	8270.6329693496	Sum of GTIs [s]
ontime6	8270.5919293463	Sum of GTIs [s]
ontime7	8270.6740093529	Sum of GTIs [s]
ontime8	8270.5098493695	Sum of GTIs [s]
ontime9	8270.7150493562	Sum of GTIs [s]
l2events	912011	Number of level 2 events

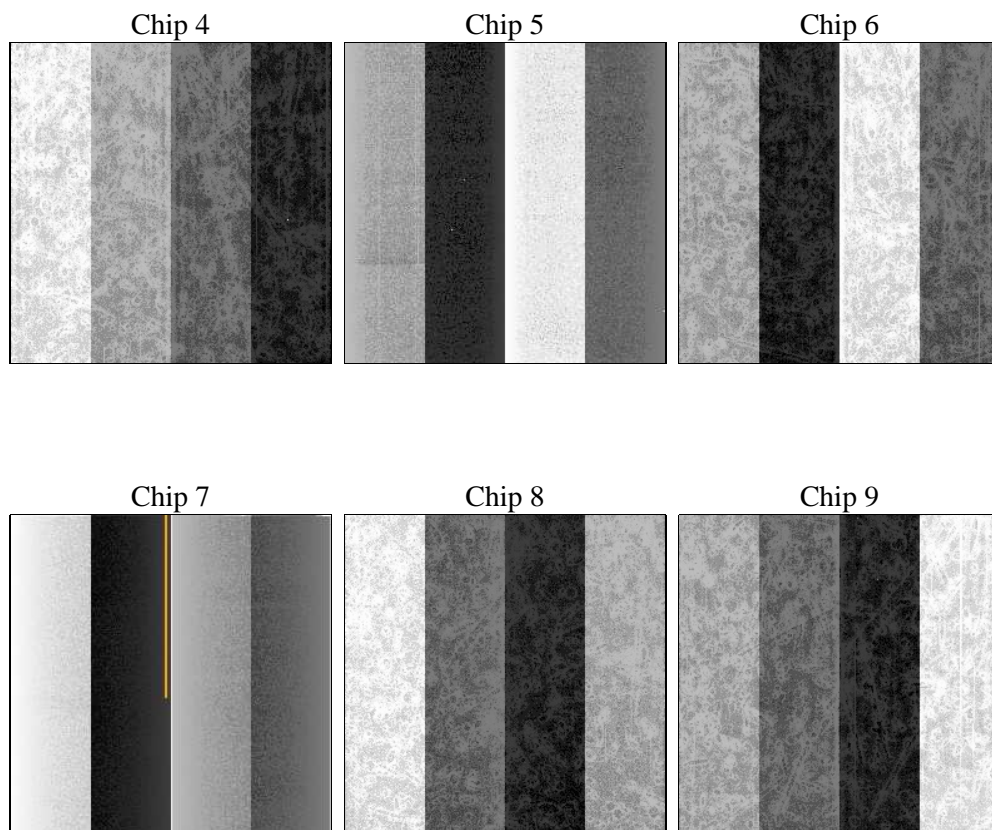
2 OBI

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	8.4.3	Processing system revision	ontime	8270.6740093529	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8270.550889343	Sum of GTIs [s]
date	2012-04-03T12:52:06	Date and time of file creation	ontime5	8270.6329693496	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8270.5919293463	Sum of GTIs [s]
			ontime7	8270.6740093529	Sum of GTIs [s]
			ontime8	8270.5098493695	Sum of GTIs [s]
			ontime9	8270.7150493562	Sum of GTIs [s]
			l1events	1428505	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	229738	250328	229458	243328	246374	229279	grade 0 events	87866	33463	83986	39783	88916	83353
rejected events	81870	71695	72245	60825	78446	77785		38%	13%	36%	16%	36%	36%
rejected %	35%	28%	31%	24%	31%	33%	grade 1 events	820	238	458	165	553	580
								0%	0%	0%	0%	0%	0%
							grade 2 events	21700	67507	28198	39751	29847	24976
								9%	26%	12%	16%	12%	10%
							grade 3 events	9963	7736	9688	17509	11380	10001
								4%	3%	4%	7%	4%	4%
							grade 4 events	9958	7473	9721	17235	11061	9975
								4%	2%	4%	7%	4%	4%
							grade 5 events	3994	9787	4097	10045	5168	4528
								1%	3%	1%	4%	2%	1%
							grade 6 events	18381	62454	25620	68225	26724	23189
								8%	24%	11%	28%	10%	10%
							grade 7 events	77056	61670	67690	50615	72725	72677
								33%	24%	29%	20%	29%	31%

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	236.247955354911
[deg] Pointing Dec	0	-6.138551106814276
[deg] Pointing Roll	0.0	233.0395577614517
[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)	266651236.5888	266651235.5638
Observation start date	2006-06-14T05:47:17	2006-06-14T05:47:15
[s] Observation end time (MET)	266672546.339797	266672545.3148
Observation end date	2006-06-14T11:42:26	2006-06-14T11:42:25
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	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.04.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2706740093529

A.2 Comments