

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 59182 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Mar 23 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

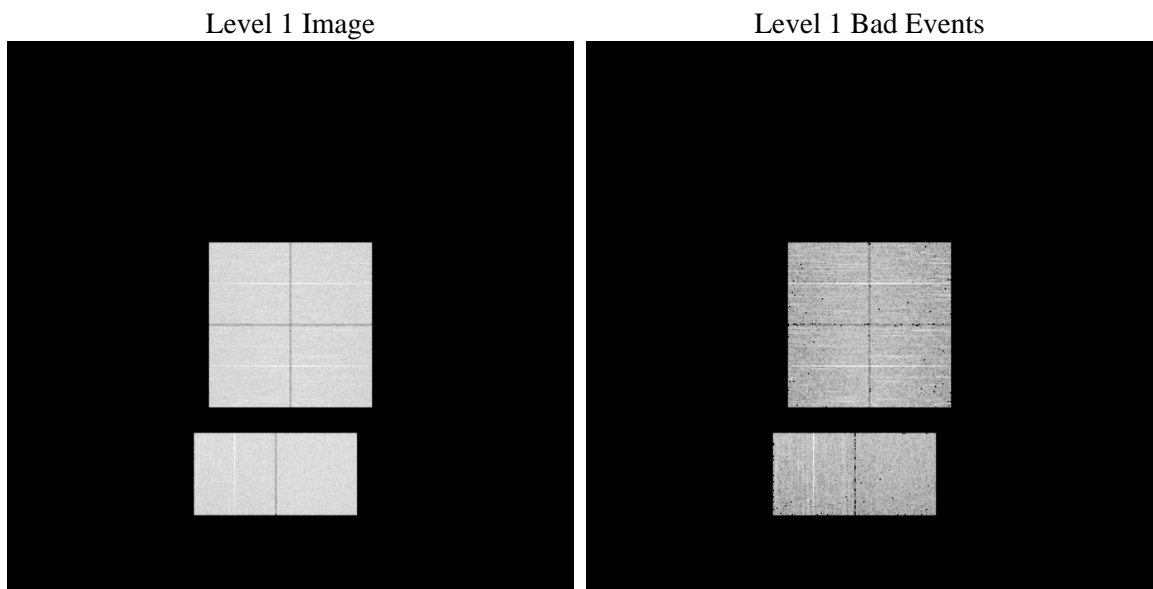
1 Front

seq_num	 	Sequence number
obs_id	59182	Observation id
title	ACIS-012367 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	114.32527260569	Nominal RA [deg]
dec_nom	-6.1822213870171	Nominal Dec [deg]
roll_nom	3.4187609887133	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5499.9628511667	Sum of GTIs [s]
livetime	5430.3190098652	Livetime [s]
ontime0	5499.9218111634	Sum of GTIs [s]
ontime1	5499.8807711601	Sum of GTIs [s]
ontime2	5499.8397311568	Sum of GTIs [s]
ontime3	5500.0009251833	Sum of GTIs [s]
ontime6	5499.7986911833	Sum of GTIs [s]
ontime7	5499.9628511667	Sum of GTIs [s]
l2events	665176	Number of level 2 events

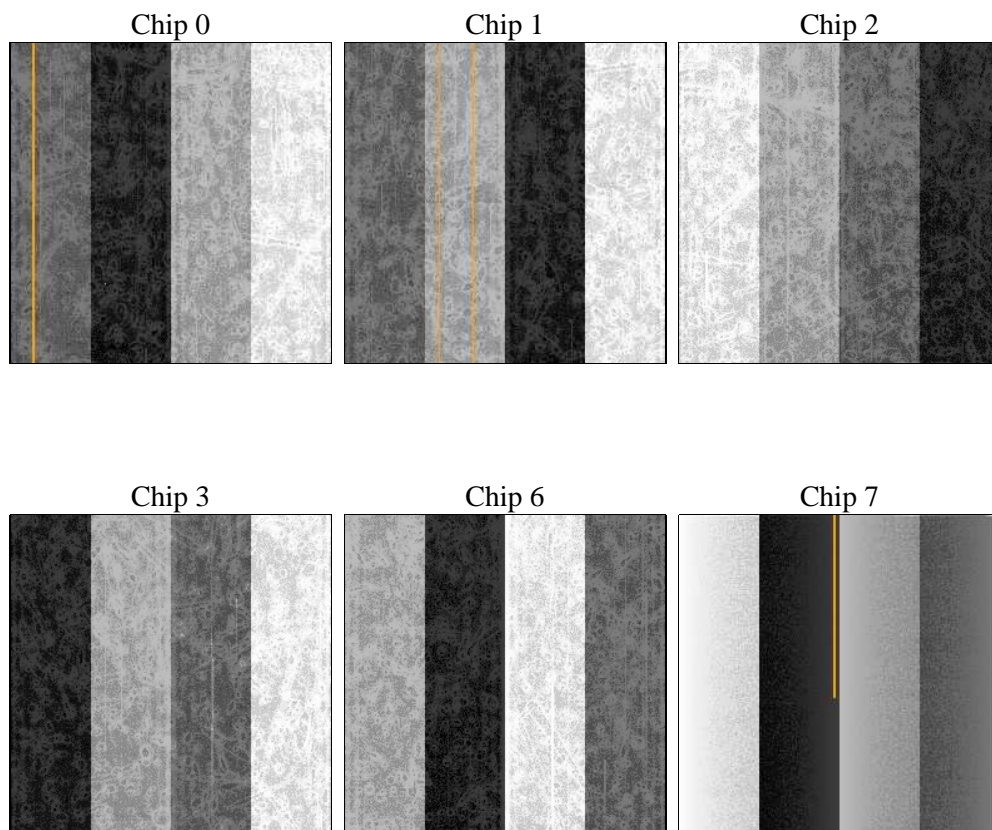
2 OBI

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	8.4.3.1	Processing system revision	ontime	5499.9628511667	Sum of GTIs [s]
caldsver	4.4.8	 	ontime0	5499.9218111634	Sum of GTIs [s]
date	2012-03-23T14:14:08	Date and time of file creation	ontime1	5499.8807711601	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	5499.8397311568	Sum of GTIs [s]
			ontime3	5500.0009251833	Sum of GTIs [s]
			ontime6	5499.7986911833	Sum of GTIs [s]
			ontime7	5499.9628511667	Sum of GTIs [s]
			l1events	949252	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	153915	153233	156901	156153	161111	167939	grade 0 events	61338	61290	63105	62944	64028	30313
rejected events	42071	40540	43958	43308	42904	36615		39%	39%	40%	40%	39%	18%
rejected %	27%	26%	28%	27%	26%	21%	grade 1 events	361	298	392	402	322	120
								0%	0%	0%	0%	0%	0%
							grade 2 events	19528	20302	19197	19450	20720	28765
								12%	13%	12%	12%	12%	17%
							grade 3 events	7284	7139	7286	7485	7500	12863
								4%	4%	4%	4%	4%	7%
							grade 4 events	7352	7278	7441	7463	7314	12974
								4%	4%	4%	4%	4%	7%
							grade 5 events	2466	2483	2289	2625	2667	6466
								1%	1%	1%	1%	1%	3%
							grade 6 events	16342	16684	15914	15503	18645	46409
								10%	10%	10%	9%	11%	27%
							grade 7 events	39244	37759	41277	40281	39915	30029
								25%	24%	26%	25%	24%	17%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	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	114.3252726056863	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-6.18222138701712	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	3.418760988713331			
[mm] SIM focus pos	-0.782348	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	253355598.119915	253355597.09491			
Observation start date	2006-01-11T08:33:18	2006-01-11T08:33:17			
[s] Observation end time (MET)	253373332.670737	253373331.64573			
Observation end date	2006-01-11T13:28:53	2006-01-11T13:28:51			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.03.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.4999628511667

A.2 Comments