

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 62677 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jul 16 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

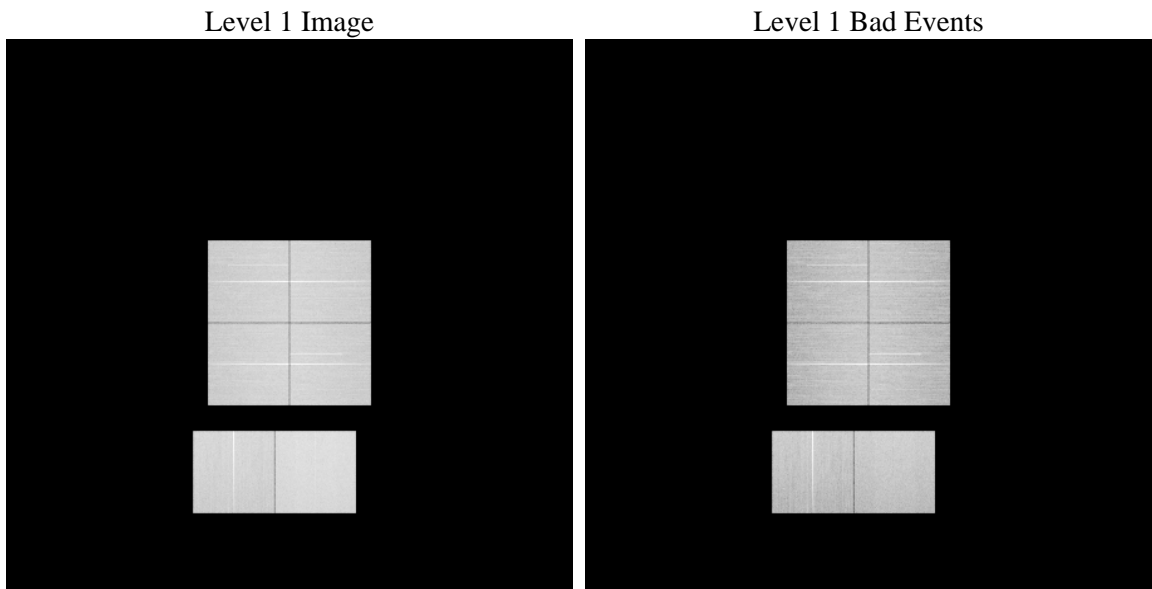
1 Front

seq_num	 	Sequence number
obs_id	62677	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	266.77893469808	Nominal RA [deg]
dec_nom	-20.568170312539	Nominal Dec [deg]
roll_nom	261.03545420041	Nominal Roll [deg]
revision	1	Processing version of data
ontime	58481.821232915	Sum of GTIs [s]
livetime	57741.289198939	Livetime [s]
ontime0	58481.780192912	Sum of GTIs [s]
ontime1	58481.739152908	Sum of GTIs [s]
ontime2	58481.698112905	Sum of GTIs [s]
ontime3	58481.862272918	Sum of GTIs [s]
ontime6	58478.416052639	Sum of GTIs [s]
ontime7	58481.821232915	Sum of GTIs [s]
l2events	1684165	Number of level 2 events

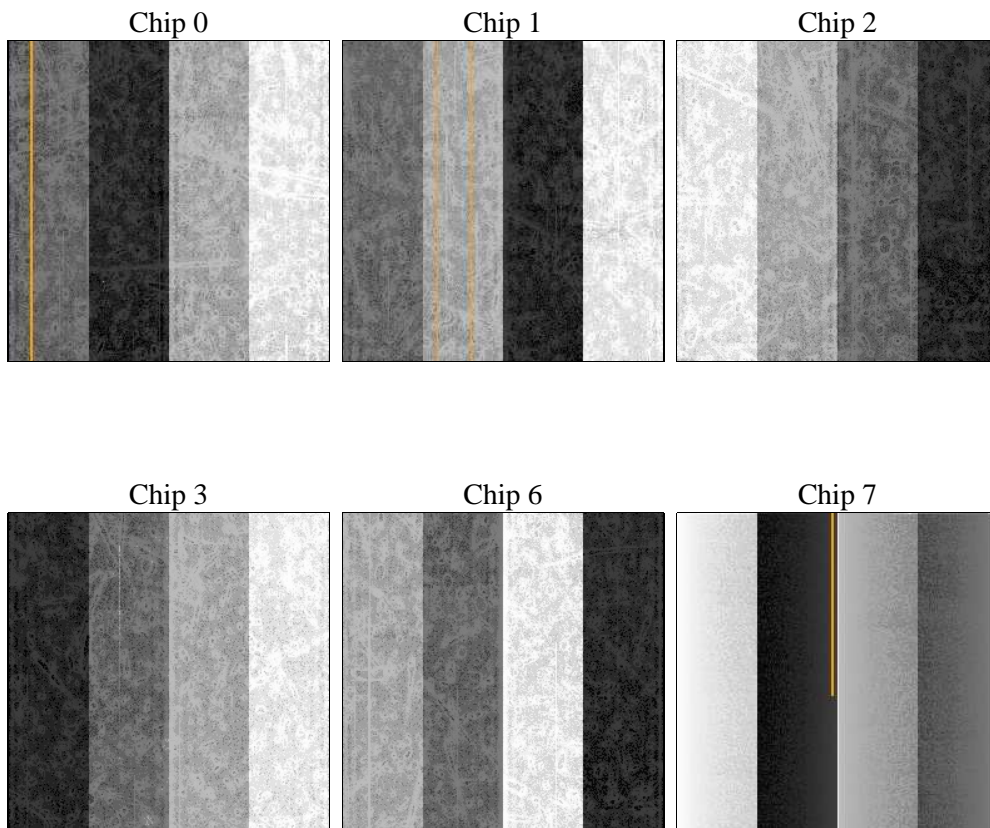
2 OBI

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	58481.821232915	Sum of GTIs [s]
caldsver	4.5.0	 	ontime0	58481.780192912	Sum of GTIs [s]
date	2012-07-16T16:31:11	Date and time of file creation	ontime1	58481.739152908	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	58481.698112905	Sum of GTIs [s]
			ontime3	58481.862272918	Sum of GTIs [s]
			ontime6	58478.416052639	Sum of GTIs [s]
			ontime7	58481.821232915	Sum of GTIs [s]
			l1events	3598120	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	543978	557751	562697	576377	592804	764513	grade 0 events	140107	137502	145614	144323	143441	71126
rejected events	276214	287564	293811	308389	313175	337167		25%	24%	25%	25%	24%	9%
rejected %	50%	51%	52%	53%	52%	44%	grade 1 events	728	631	820	798	623	602
								0%	0%	0%	0%	0%	0%
							grade 2 events	49809	53307	47170	47020	52071	92721
								9%	9%	8%	8%	8%	12%
							grade 3 events	18146	17944	18352	18549	17926	37645
								3%	3%	3%	3%	3%	4%
							grade 4 events	18132	18043	18078	18742	18392	37245
								3%	3%	3%	3%	3%	4%
							grade 5 events	19955	20025	18578	21413	21000	51627
								3%	3%	3%	3%	3%	6%
							grade 6 events	41580	43406	39682	39371	47814	188629
								7%	7%	7%	6%	8%	24%
							grade 7 events	255521	266893	274403	286161	291537	284918
								46%	47%	48%	49%	49%	37%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	266.7789346980841
[deg] Pointing Dec	0	-20.56817031253854
[deg] Pointing Roll	0.0	261.035454200405
[mm] SIM focus pos	-1.429586	-0.6828225247311905
[mm] SIM defocus	0.1037507710433287	0.8505141146731063
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	458711024.741596	458711023.7166
Observation start date	2012-07-15T03:43:45	2012-07-15T03:43:43
[s] Observation end time (MET)	458802305.096465	458802304.07146
Observation end date	2012-07-16T05:05:05	2012-07-16T05:05:04
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
Number of optional ACIS chips dropped	0	0
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	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.07.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	58.481821232915

A.2 Comments