

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 62065 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Aug 26 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

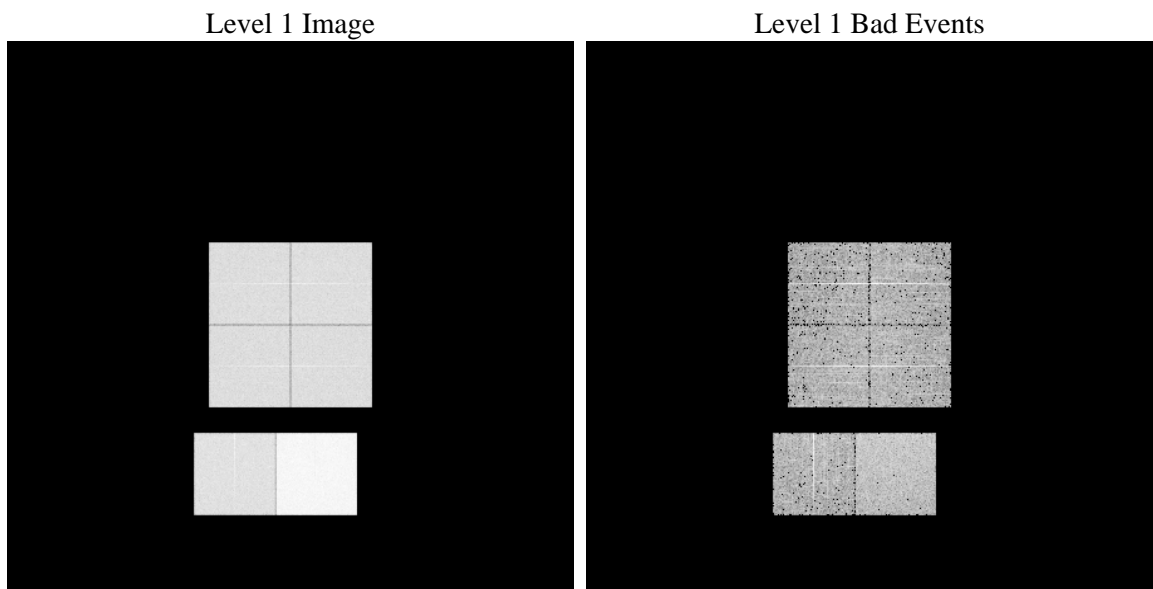
1 Front

seq_num	 	Sequence number
obs_id	62065	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	16.609063516747	Nominal RA [deg]
dec_nom	-60.843706991359	Nominal Dec [deg]
roll_nom	153.22586585086	Nominal Roll [deg]
revision	5	Processing version of data
ontime	5409.4190047979	Sum of GTIs [s]
livetime	5340.9216841981	Livetime [s]
ontime0	2236.315938741	Sum of GTIs [s]
ontime1	2275.2084485441	Sum of GTIs [s]
ontime2	2158.5675543696	Sum of GTIs [s]
ontime3	2152.0490684807	Sum of GTIs [s]
ontime6	2411.3273145854	Sum of GTIs [s]
ontime7	5409.4190047979	Sum of GTIs [s]
l2events	1365605	Number of level 2 events

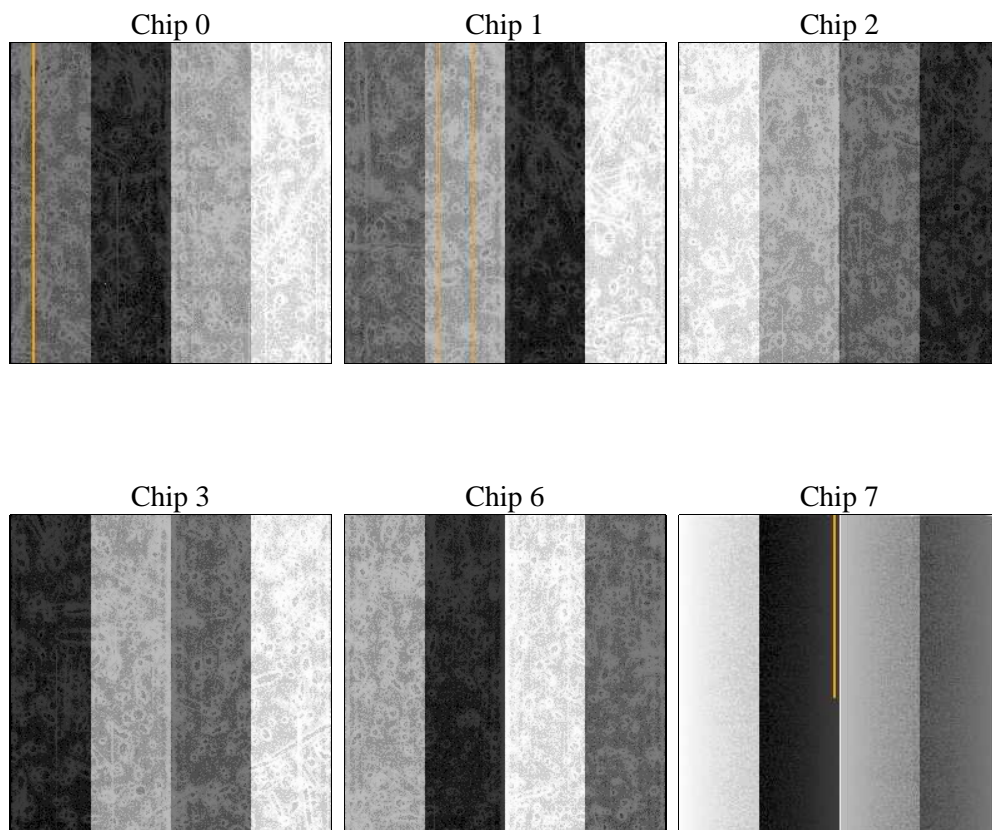
2 OBI

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	5409.4190047979	Sum of GTIs [s]
caldbver	4.5.1.1	 	ontime0	2236.315938741	Sum of GTIs [s]
date	2012-08-26T22:36:47	Date and time of file creation	ontime1	2275.2084485441	Sum of GTIs [s]
revision	5	Processing version of data	ontime2	2158.5675543696	Sum of GTIs [s]
			ontime3	2152.0490684807	Sum of GTIs [s]
			ontime6	2411.3273145854	Sum of GTIs [s]
			ontime7	5409.4190047979	Sum of GTIs [s]
			l1events	1566544	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	206986	211899	205307	204888	235950	501514	grade 0 events	102907	106021	102945	103061	116708	121360
rejected events	19853	21726	22602	22802	23484	33397		49%	50%	50%	50%	49%	24%
rejected %	9%	10%	11%	11%	9%	6%	grade 1 events	603	616	626	611	681	361
								0%	0%	0%	0%	0%	0%
							grade 2 events	33166	33643	32432	31899	37016	104865
								16%	15%	15%	15%	15%	20%
							grade 3 events	11784	12178	11520	11782	13092	48393
								5%	5%	5%	5%	5%	9%
							grade 4 events	11874	12201	11677	11693	13206	48357
								5%	5%	5%	5%	5%	9%
							grade 5 events	1457	1516	1484	1541	1758	6830
								0%	0%	0%	0%	0%	1%
							grade 6 events	27402	27740	26062	25529	33871	149131
								13%	13%	12%	12%	14%	29%
							grade 7 events	17793	17984	18561	18772	19618	22217
								8%	8%	9%	9%	8%	4%

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	16.60906351674679
[deg] Pointing Dec	0	-60.84370699135889
[deg] Pointing Roll	0.0	153.2258658508614
[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)	73827041.225346	73827040.45687699
Observation start date	2000-05-04T11:30:41	2000-05-04T11:30:40
[s] Observation end time (MET)	73837572.07573301	73837571.307264
Observation end date	2000-05-04T14:26:12	2000-05-04T14:26:11
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	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.08.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.4094190047979

A.2 Comments