

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60776 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 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

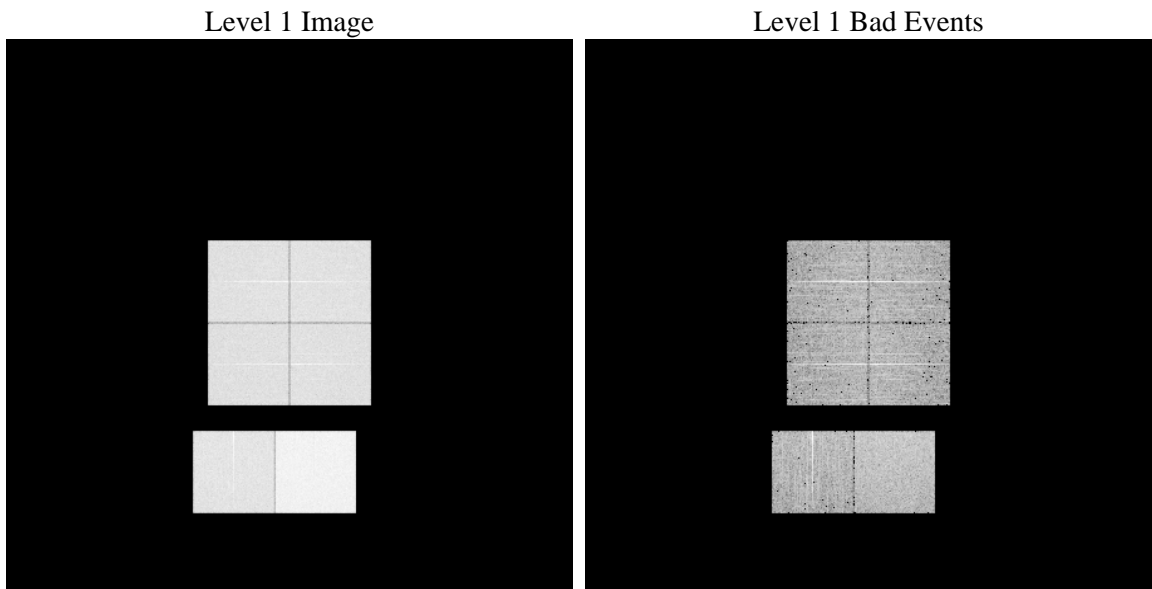
1 Front

seq_num	 	Sequence number
obs_id	60776	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	86.117284112842	Nominal RA [deg]
dec_nom	22.356278399781	Nominal Dec [deg]
roll_nom	271.04994919799	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8383.9450754523	Sum of GTIs [s]
livetime	8277.7825147013	Livetime [s]
ontime0	4835.048894763	Sum of GTIs [s]
ontime1	4899.8267900944	Sum of GTIs [s]
ontime2	4536.7955705523	Sum of GTIs [s]
ontime3	4640.670807302	Sum of GTIs [s]
ontime6	5065.0345614254	Sum of GTIs [s]
ontime7	8383.9450754523	Sum of GTIs [s]
l2events	1269495	Number of level 2 events

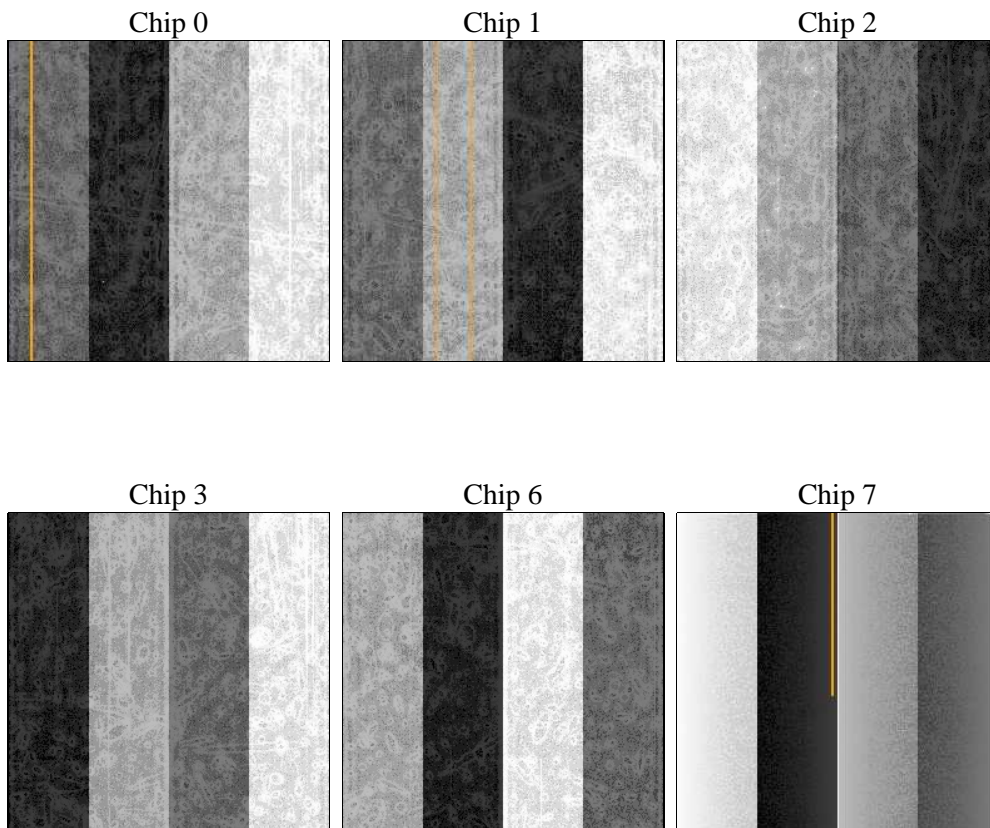
2 OBI

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	8383.9450754523	Sum of GTIs [s]
caldbver	4.5.2	 	ontime0	4835.048894763	Sum of GTIs [s]
date	2012-10-27T01:06:07	Date and time of file creation	ontime1	4899.8267900944	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	4536.7955705523	Sum of GTIs [s]
			ontime3	4640.670807302	Sum of GTIs [s]
			ontime6	5065.0345614254	Sum of GTIs [s]
			ontime7	8383.9450754523	Sum of GTIs [s]
			l1events	1542500	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	226013	229426	215240	220138	249847	401836	grade 0 events	107645	108857	103701	106001	117203	89093
rejected events	32896	32739	31742	32788	36251	47958		47%	47%	48%	48%	46%	22%
rejected %	14%	14%	14%	14%	14%	11%	grade 1 events	566	590	599	604	546	254
								0%	0%	0%	0%	0%	0%
							grade 2 events	33994	35199	31148	32352	37005	78622
								15%	15%	14%	14%	14%	19%
							grade 3 events	12691	12756	12078	12220	13556	36375
								5%	5%	5%	5%	5%	9%
							grade 4 events	12476	12535	12005	12383	13251	35751
								5%	5%	5%	5%	5%	8%
							grade 5 events	2149	2190	2022	2109	2471	8495
								0%	0%	0%	0%	0%	2%
							grade 6 events	28120	29140	25952	25900	34315	117597
								12%	12%	12%	11%	13%	29%
							grade 7 events	28372	28159	27735	28569	31500	35649
								12%	12%	12%	12%	12%	8%

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	86.11728411284201
[deg] Pointing Dec	0	22.35627839978137
[deg] Pointing Roll	0.0	271.0499491979879
[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)	166807757.421968	166807756.39726
Observation start date	2003-04-15T15:29:17	2003-04-15T15:29:16
[s] Observation end time (MET)	166829069.222867	166829068.19816
Observation end date	2003-04-15T21:24:29	2003-04-15T21:24:28
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.12.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.3839450754523

A.2 Comments