

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61930 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 1 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

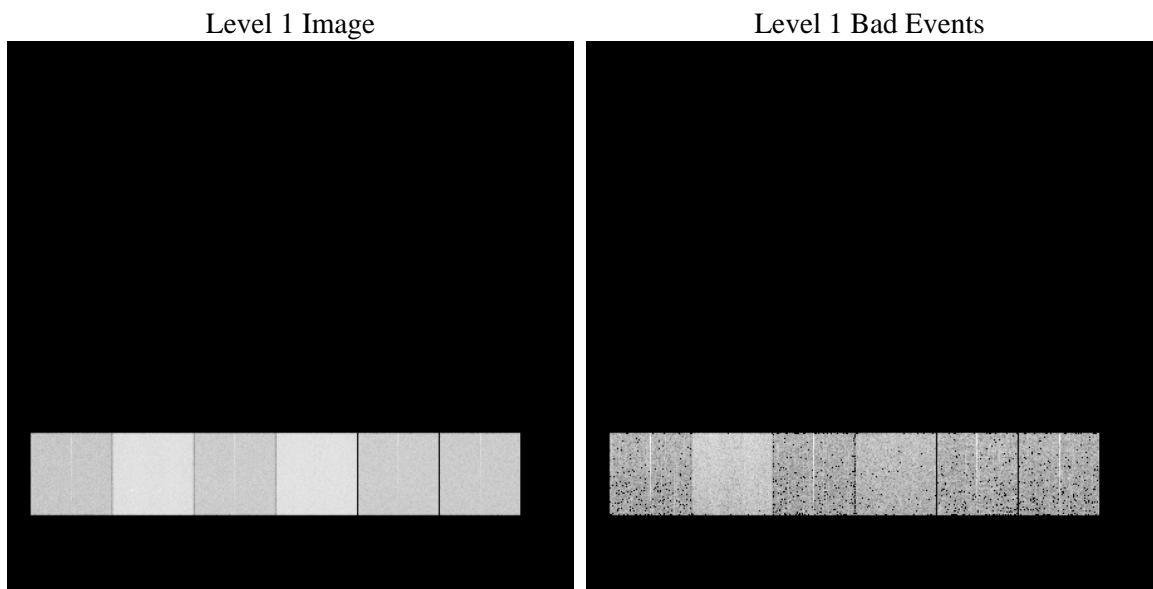
1 Front

seq_num	 	Sequence number
obs_id	61930	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	321.9606316151	Nominal RA [deg]
dec_nom	-28.419866877781	Nominal Dec [deg]
roll_nom	307.36211484934	Nominal Roll [deg]
revision	3	Processing version of data
ontime	4966.181806922	Sum of GTIs [s]
livetime	4903.297022607	Livetime [s]
ontime4	1999.5018150061	Sum of GTIs [s]
ontime5	5316.204814449	Sum of GTIs [s]
ontime6	2249.020694837	Sum of GTIs [s]
ontime7	4966.181806922	Sum of GTIs [s]
ontime8	2242.6205952018	Sum of GTIs [s]
ontime9	2219.7279956043	Sum of GTIs [s]
l2events	1352821	Number of level 2 events

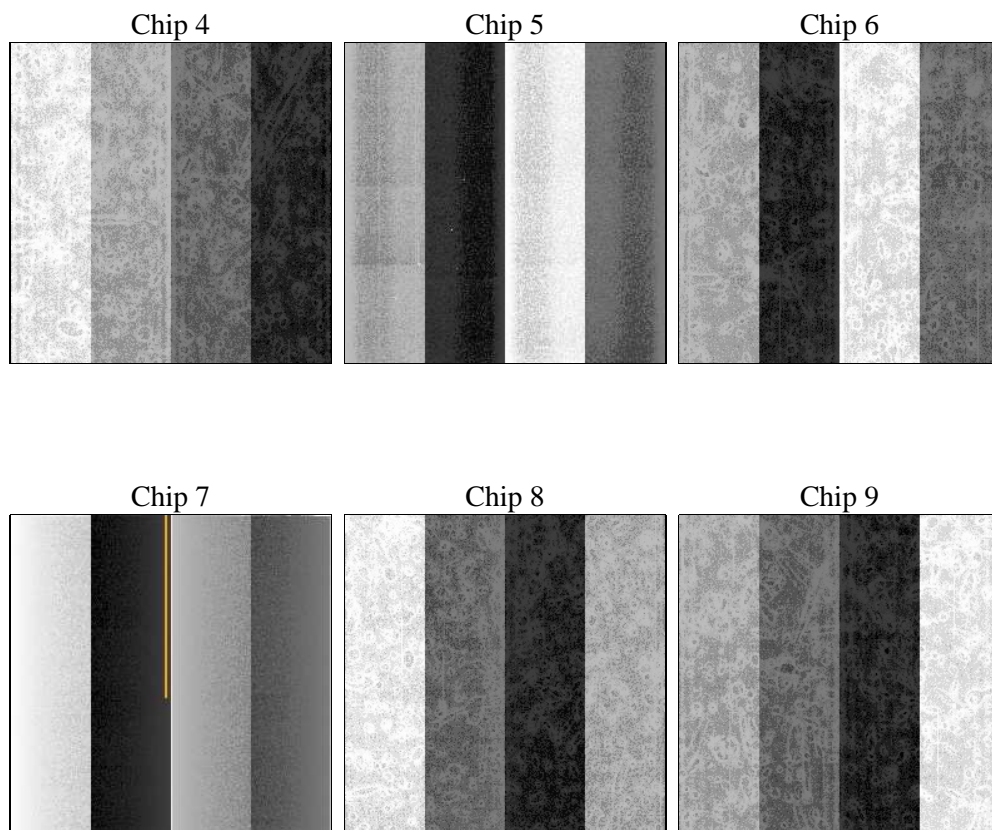
2 OBI

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	4966.181806922	Sum of GTIs [s]
caldbver	4.5.1.1	 	ontime4	1999.5018150061	Sum of GTIs [s]
date	2012-09-01T19:18:09	Date and time of file creation	ontime5	5316.204814449	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	2249.020694837	Sum of GTIs [s]
			ontime7	4966.181806922	Sum of GTIs [s]
			ontime8	2242.6205952018	Sum of GTIs [s]
			ontime9	2219.7279956043	Sum of GTIs [s]
			l1events	1554325	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	164074	397523	194537	412540	198027	187624	grade 0 events	77400	71655	95219	97326	98454	92332
rejected events	19255	44743	18017	25334	20229	18078		47%	18%	48%	23%	49%	49%
rejected %	11%	11%	9%	6%	10%	9%	grade 1 events	391	198	439	252	449	413
								0%	0%	0%	0%	0%	0%
							grade 2 events	30849	141739	32703	85817	31851	31161
								18%	35%	16%	20%	16%	16%
							grade 3 events	8067	18835	10251	39037	10663	10126
								4%	4%	5%	9%	5%	5%
							grade 4 events	8120	18509	10211	38903	10707	10037
								4%	4%	5%	9%	5%	5%
							grade 5 events	1361	8475	1468	5541	1524	1463
								0%	2%	0%	1%	0%	0%
							grade 6 events	20383	102252	28136	126381	26123	25890
								12%	25%	14%	30%	13%	13%
							grade 7 events	17503	35860	16110	19283	18256	16202
								10%	9%	8%	4%	9%	8%

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	321.9606316151012
[deg] Pointing Dec	0	-28.41986687778053
[deg] Pointing Roll	0.0	307.3621148493413
[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)	85019766.94	85019766.171624
Observation start date	2000-09-11T00:36:07	2000-09-11T00:36:06
[s] Observation end time (MET)	85032245.29099999	85032244.522093
Observation end date	2000-09-11T04:04:05	2000-09-11T04:04:04
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)	2012.09.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.966181806922

A.2 Comments