

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61931 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 1 2012

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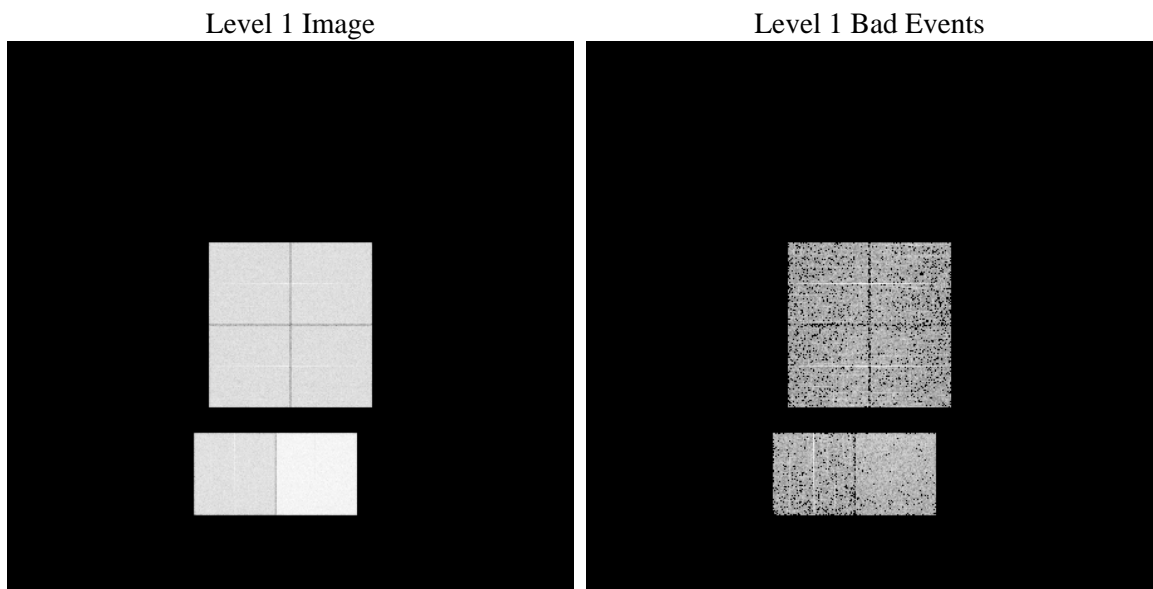
1 Front

seq_num	 	Sequence number
obs_id	61931	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	86.38796515459	Nominal RA [deg]
dec_nom	-57.393325864125	Nominal Dec [deg]
roll_nom	98.588701096286	Nominal Roll [deg]
revision	3	Processing version of data
ontime	4117.7428849041	Sum of GTIs [s]
livetime	4065.6015450884	Livetime [s]
ontime0	1795.5343408287	Sum of GTIs [s]
ontime1	1850.6320206672	Sum of GTIs [s]
ontime2	1766.3649609983	Sum of GTIs [s]
ontime3	1785.8114102781	Sum of GTIs [s]
ontime6	1912.2115611434	Sum of GTIs [s]
ontime7	4117.7428849041	Sum of GTIs [s]
l2events	993482	Number of level 2 events

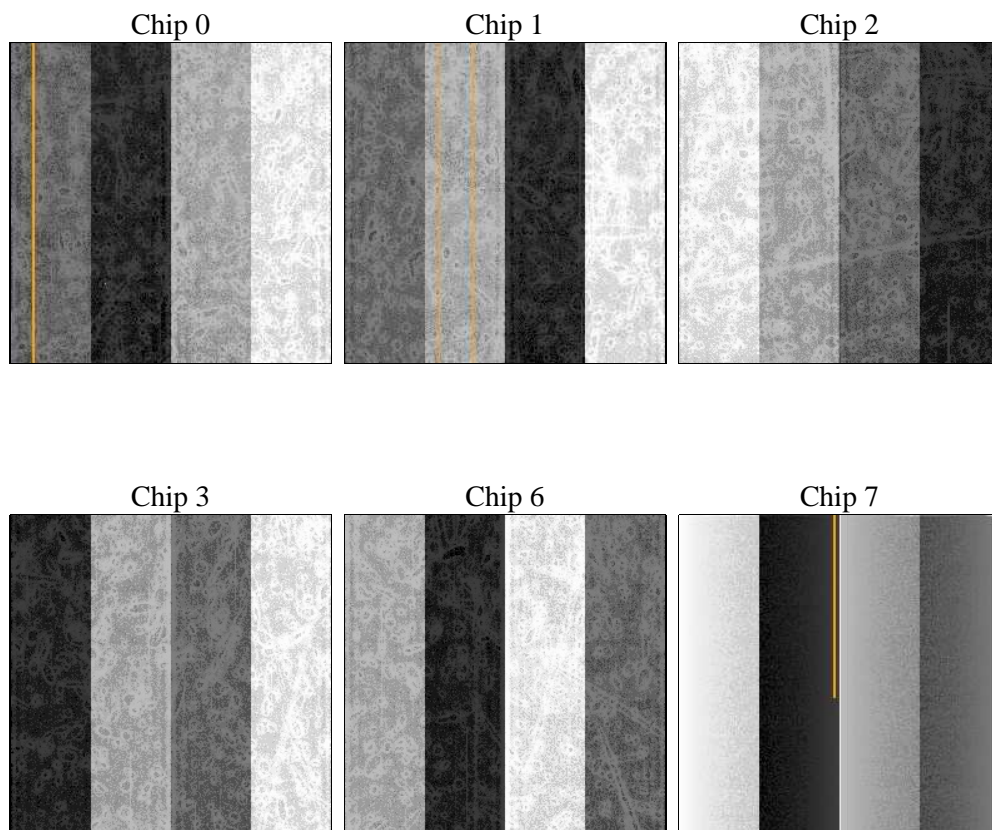
2 OBI

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	4117.7428849041	Sum of GTIs [s]
caldbver	4.5.1.1	 	ontime0	1795.5343408287	Sum of GTIs [s]
date	2012-09-01T18:52:25	Date and time of file creation	ontime1	1850.6320206672	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	1766.3649609983	Sum of GTIs [s]
			ontime3	1785.8114102781	Sum of GTIs [s]
			ontime6	1912.2115611434	Sum of GTIs [s]
			ontime7	4117.7428849041	Sum of GTIs [s]
			l1events	1125852	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	150648	156589	151368	152598	169824	344825	grade 0 events	75777	78949	76825	77838	84154	83750
rejected events	13287	13896	14208	13923	15393	19704		50%	50%	50%	51%	49%	24%
rejected %	8%	8%	9%	9%	9%	5%	grade 1 events	378	360	388	426	450	214
								0%	0%	0%	0%	0%	0%
							grade 2 events	24015	25125	23907	24507	26647	71903
								15%	16%	15%	16%	15%	20%
							grade 3 events	8724	9060	8458	8707	9598	33504
								5%	5%	5%	5%	5%	9%
							grade 4 events	8813	9098	8765	8710	9560	32926
								5%	5%	5%	5%	5%	9%
							grade 5 events	974	1089	1012	1089	1313	4507
								0%	0%	0%	0%	0%	1%
							grade 6 events	20032	20461	19205	18913	24472	103038
								13%	13%	12%	12%	14%	29%
							grade 7 events	11935	12447	12808	12408	13630	14983
								7%	7%	8%	8%	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	86.38796515459047
[deg] Pointing Dec	0	-57.39332586412452
[deg] Pointing Roll	0.0	98.58870109628573
[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)	84977705.03850999	84977704.270045
Observation start date	2000-09-10T12:55:05	2000-09-10T12:55:04
[s] Observation end time (MET)	85019766.940089	85019766.171624
Observation end date	2000-09-11T00:36:07	2000-09-11T00:36:06
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	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	4.1177428849041

A.2 Comments