

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61865 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 3 2012

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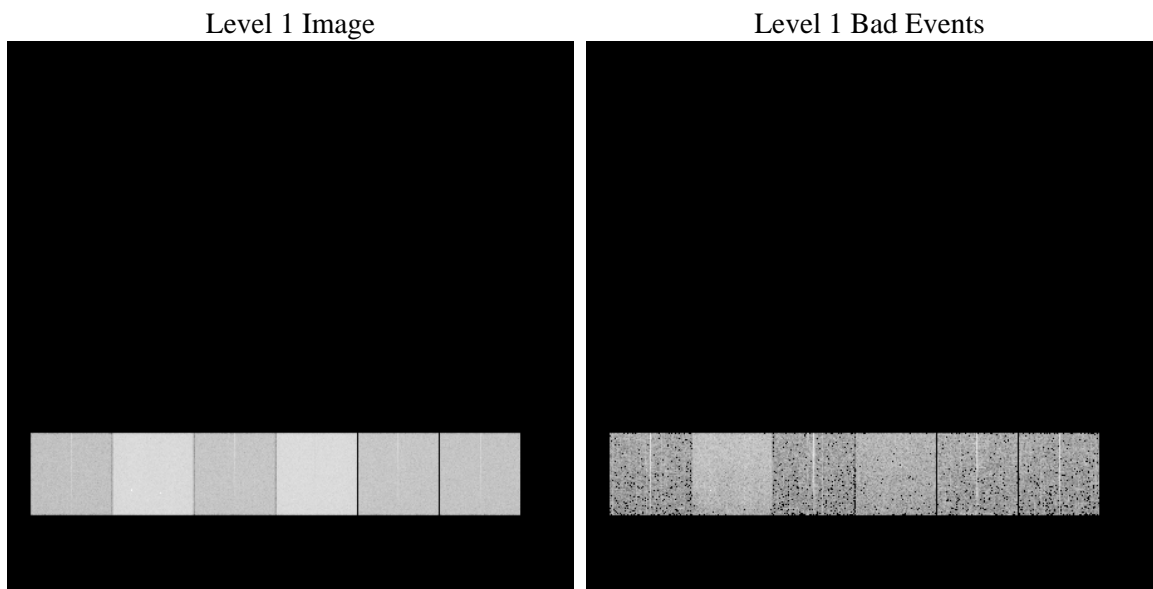
1 Front

seq_num	 	Sequence number
obs_id	61865	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	356.39633643216	Nominal RA [deg]
dec_nom	-59.493063080782	Nominal Dec [deg]
roll_nom	321.43348804263	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5067.8363334388	Sum of GTIs [s]
livetime	5003.6643383001	Livetime [s]
ontime4	2088.1189853847	Sum of GTIs [s]
ontime5	5456.7926818728	Sum of GTIs [s]
ontime6	2300.0946352482	Sum of GTIs [s]
ontime7	5067.8363334388	Sum of GTIs [s]
ontime8	2293.6946153343	Sum of GTIs [s]
ontime9	2231.9096155912	Sum of GTIs [s]
l2events	1356994	Number of level 2 events

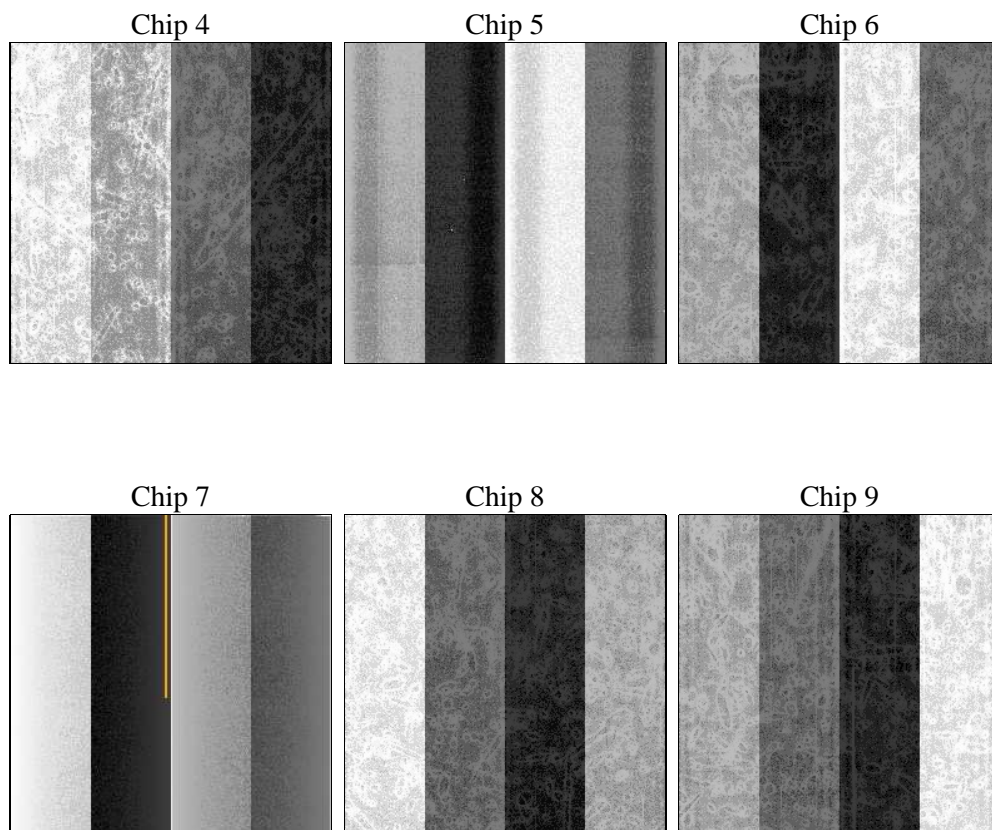
2 OBI

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	5067.8363334388	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime4	2088.1189853847	Sum of GTIs [s]
date	2012-09-03T02:17:50	Date and time of file creation	ontime5	5456.7926818728	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	2300.0946352482	Sum of GTIs [s]
			ontime7	5067.8363334388	Sum of GTIs [s]
			ontime8	2293.6946153343	Sum of GTIs [s]
			ontime9	2231.9096155912	Sum of GTIs [s]
			l1events	1553878	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	167652	397335	195565	410969	197884	184473	grade 0 events	84379	84046	97280	98845	98820	91765
rejected events	18493	40568	17969	25424	20291	17589		50%	21%	49%	24%	49%	49%
rejected %	11%	10%	9%	6%	10%	9%	grade 1 events	465	259	469	244	512	510
								0%	0%	0%	0%	0%	0%
							grade 2 events	26262	131459	30840	85754	31169	29441
								15%	33%	15%	20%	15%	15%
							grade 3 events	9110	22348	10801	39413	11038	10388
								5%	5%	5%	9%	5%	5%
							grade 4 events	9243	21937	10666	38986	11001	10228
								5%	5%	5%	9%	5%	5%
							grade 5 events	1292	8190	1401	5777	1617	1390
								0%	2%	0%	1%	0%	0%
							grade 6 events	20165	96977	28009	122547	25565	25062
								12%	24%	14%	29%	12%	13%
							grade 7 events	16736	32119	16099	19403	18162	15689
								9%	8%	8%	4%	9%	8%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-456789	ACIS-456789	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	356.3963364321629	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-59.49306308078189	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	321.4334880426285			
[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)	89364430.50399999	89364429.73549099			
Observation start date	2000-10-31T07:27:11	2000-10-31T07:27:09			
[s] Observation end time (MET)	89374940.854	89374940.085888			
Observation end date	2000-10-31T10:22:21	2000-10-31T10:22:20			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.09.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.0678363334388

A.2 Comments