

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61828 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Sep 4 2012

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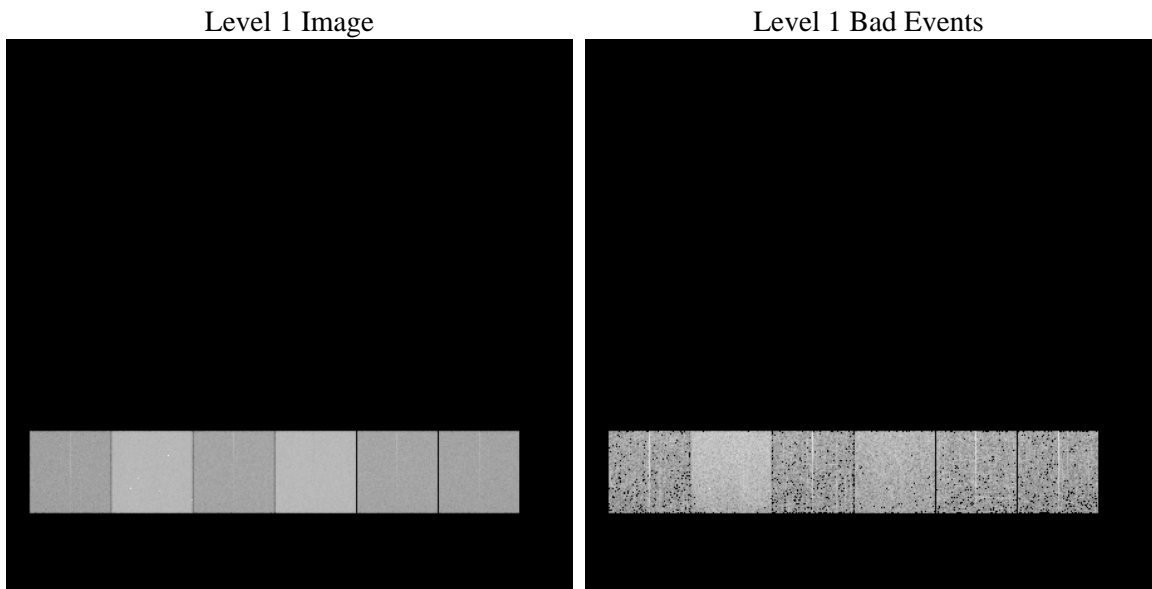
1 Front

seq_num	 	Sequence number
obs_id	61828	Observation id
title	ACIS-456789 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycle	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	91.900077989062	Nominal RA [deg]
dec_nom	-71.668375281893	Nominal Dec [deg]
roll_nom	16.361720371909	Nominal Roll [deg]
revision	4	Processing version of data
ontime	5118.5904962271	Sum of GTIs [s]
livetime	5053.7758213187	Livetime [s]
ontime4	2155.2899592072	Sum of GTIs [s]
ontime5	5484.8198109269	Sum of GTIs [s]
ontime6	2352.9932391793	Sum of GTIs [s]
ontime7	5118.5904962271	Sum of GTIs [s]
ontime8	2378.9216189384	Sum of GTIs [s]
ontime9	2284.8097656369	Sum of GTIs [s]
l2events	1357469	Number of level 2 events

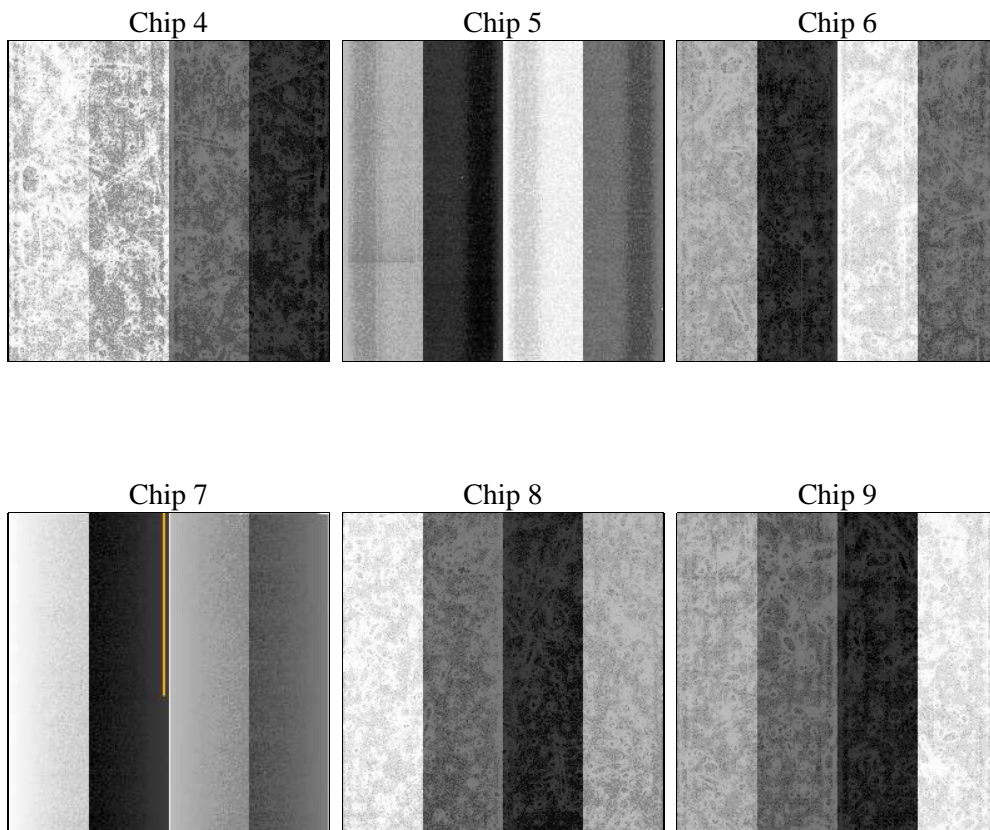
2 OBI

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	5118.5904962271	Sum of GTIs [s]
caldbver	4.5.1.1	 	ontime4	2155.2899592072	Sum of GTIs [s]
date	2012-09-04T15:43:09	Date and time of file creation	ontime5	5484.8198109269	Sum of GTIs [s]
revision	4	Processing version of data	ontime6	2352.9932391793	Sum of GTIs [s]
			ontime7	5118.5904962271	Sum of GTIs [s]
			ontime8	2378.9216189384	Sum of GTIs [s]
			ontime9	2284.8097656369	Sum of GTIs [s]
			l1events	1553822	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	170535	393651	197770	406552	200767	184547	grade 0 events	86758	89722	98627	98188	100186	92348
rejected events	17632	38532	17547	25014	19467	16527		50%	22%	49%	24%	49%	50%
rejected %	10%	9%	8%	6%	9%	8%	grade 1 events	459	312	456	283	521	473
								0%	0%	0%	0%	0%	0%
							grade 2 events	26945	125227	31097	83646	31832	29599
								15%	31%	15%	20%	15%	16%
							grade 3 events	9248	23497	11166	38951	11407	10177
								5%	5%	5%	9%	5%	5%
							grade 4 events	9413	23040	11122	38850	11241	10488
								5%	5%	5%	9%	5%	5%
							grade 5 events	1225	7933	1438	5365	1511	1429
								0%	2%	0%	1%	0%	0%
							grade 6 events	20767	93996	28484	122416	26867	25408
								12%	23%	14%	30%	13%	13%
							grade 7 events	15720	29924	15380	18853	17202	14625
								9%	7%	7%	4%	8%	7%

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	91.9000779890621	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-71.66837528189291	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	16.36172037190898			
[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)	92561282.626	92561281.857173			
Observation start date	2000-12-07T07:28:03	2000-12-07T07:28:01			
[s] Observation end time (MET)	92571792.976	92571792.20757399			
Observation end date	2000-12-07T10:23:13	2000-12-07T10:23:12			
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)	2012.09.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.1185904962271

A.2 Comments