

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 58964 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 1 2012

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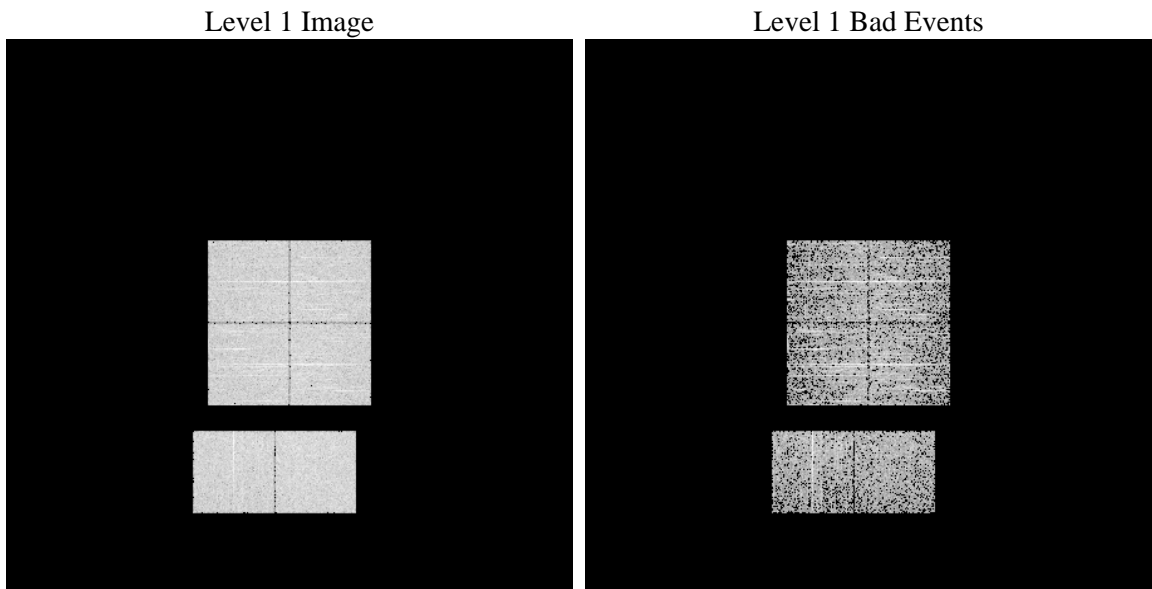
1 Front

seq_num	 	Sequence number
obs_id	58964	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	249.97126325281	Nominal RA [deg]
dec_nom	5.9984563338053	Nominal Dec [deg]
roll_nom	150.19926167143	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1494.3999944329	Sum of GTIs [s]
livetime	1475.4770018838	Livetime [s]
ontime0	1494.3999944329	Sum of GTIs [s]
ontime1	1494.3999944329	Sum of GTIs [s]
ontime2	1494.3999944329	Sum of GTIs [s]
ontime3	1494.3999944329	Sum of GTIs [s]
ontime6	1494.3999944329	Sum of GTIs [s]
ontime7	1494.3999944329	Sum of GTIs [s]
l2events	168728	Number of level 2 events

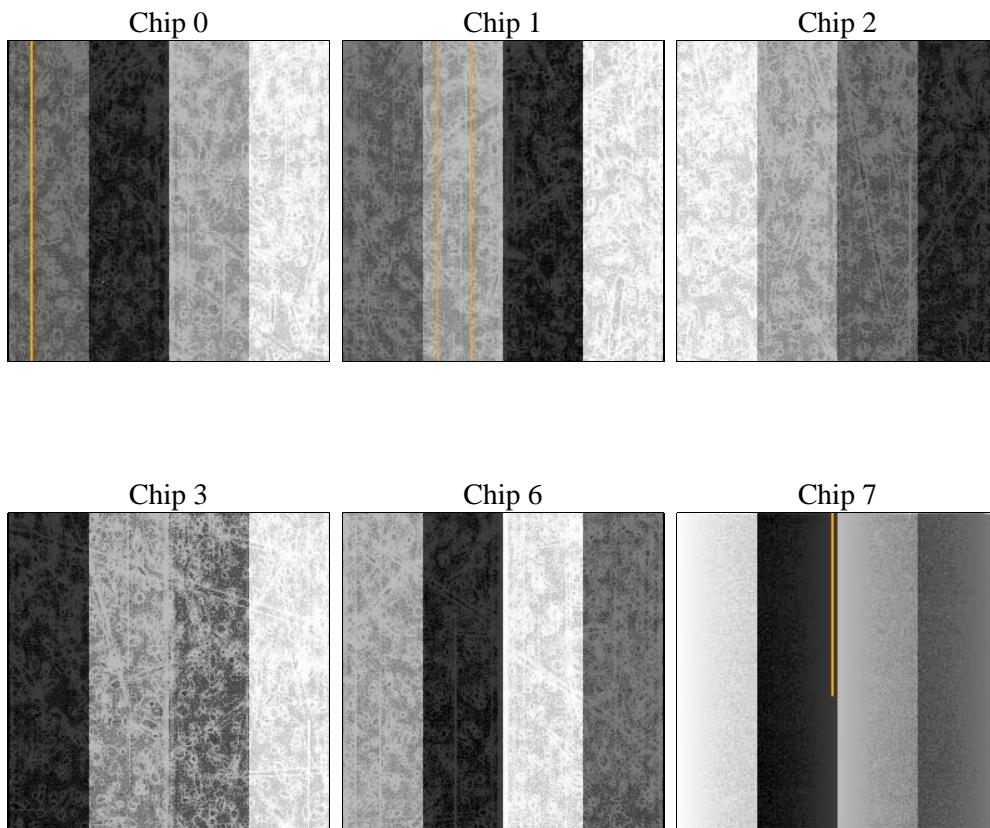
2 OBI

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	8.4.3	Processing system revision	ontime	1494.3999944329	Sum of GTIs [s]
caldbver	4.4.9	 	ontime0	1494.3999944329	Sum of GTIs [s]
date	2012-04-01T07:05:15	Date and time of file creation	ontime1	1494.3999944329	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	1494.3999944329	Sum of GTIs [s]
			ontime3	1494.3999944329	Sum of GTIs [s]
			ontime6	1494.3999944329	Sum of GTIs [s]
			ontime7	1494.3999944329	Sum of GTIs [s]
			l1events	252182	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	39827	40989	41743	42137	42397	45089	grade 0 events	15430	15148	15942	16005	16044	7671
rejected events	11654	12674	13270	13445	12512	10837		38%	36%	38%	37%	37%	17%
rejected %	29%	30%	31%	31%	29%	24%	grade 1 events	102	98	102	111	87	30
								0%	0%	0%	0%	0%	0%
							grade 2 events	4909	5165	4735	4980	5208	7684
								12%	12%	11%	11%	12%	17%
							grade 3 events	1856	1879	1908	1831	1928	3366
								4%	4%	4%	4%	4%	7%
							grade 4 events	1863	1893	1844	1850	1929	3296
								4%	4%	4%	4%	4%	7%
							grade 5 events	670	758	638	757	775	1794
								1%	1%	1%	1%	1%	3%
							grade 6 events	4179	4296	4101	4089	4848	12301
								10%	10%	9%	9%	11%	27%
							grade 7 events	10818	11752	12473	12514	11578	8947
								27%	28%	29%	29%	27%	19%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	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	249.9712632528112	Alternating exposures requested	N	N
[deg] Pointing Dec	0	5.998456333805343	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	150.1992616714329			
[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)	264326723.030211	264326722.00522			
Observation start date	2006-05-18T08:05:23	2006-05-18T08:05:22			
[s] Observation end time (MET)	264340187.430838	264340186.40585			
Observation end date	2006-05-18T11:49:47	2006-05-18T11:49:46			
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)	2012.04.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.4943999944329

A.2 Comments