

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58011 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 8 2012

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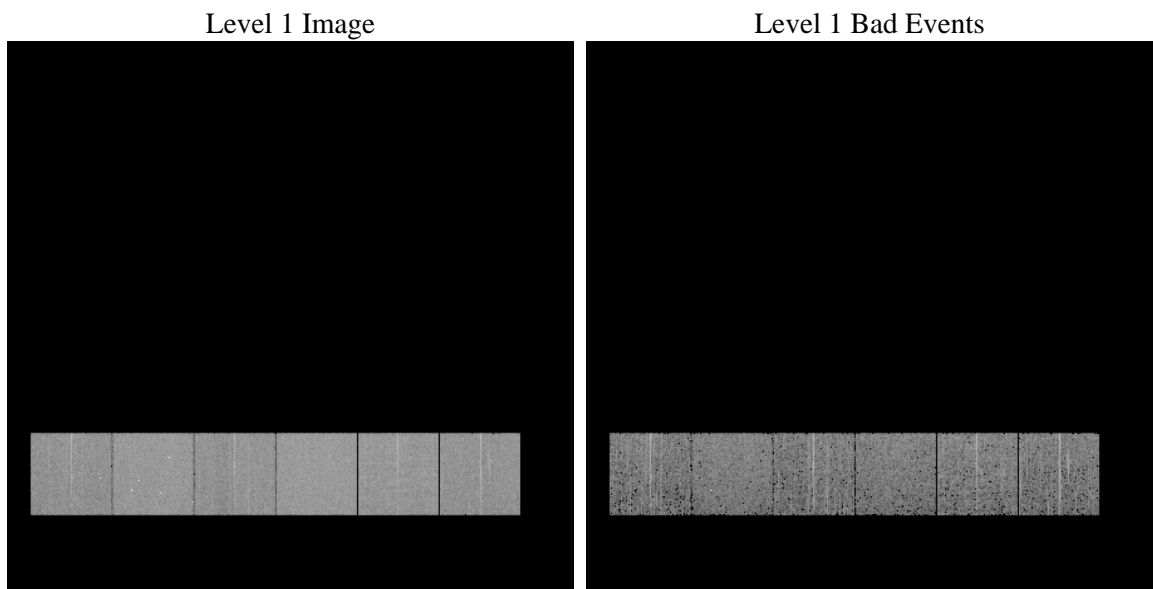
1 Front

seq_num	 	Sequence number
obs_id	58011	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	110.50482801252	Nominal RA [deg]
dec_nom	46.480320539118	Nominal Dec [deg]
roll_nom	190.55059810052	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2805.4895681739	Sum of GTIs [s]
livetime	2769.9647699987	Livetime [s]
ontime4	2213.6101403832	Sum of GTIs [s]
ontime5	2805.4485281706	Sum of GTIs [s]
ontime6	2264.1657170057	Sum of GTIs [s]
ontime7	2805.4895681739	Sum of GTIs [s]
ontime8	2335.3850730062	Sum of GTIs [s]
ontime9	2252.5021325946	Sum of GTIs [s]
l2events	341906	Number of level 2 events

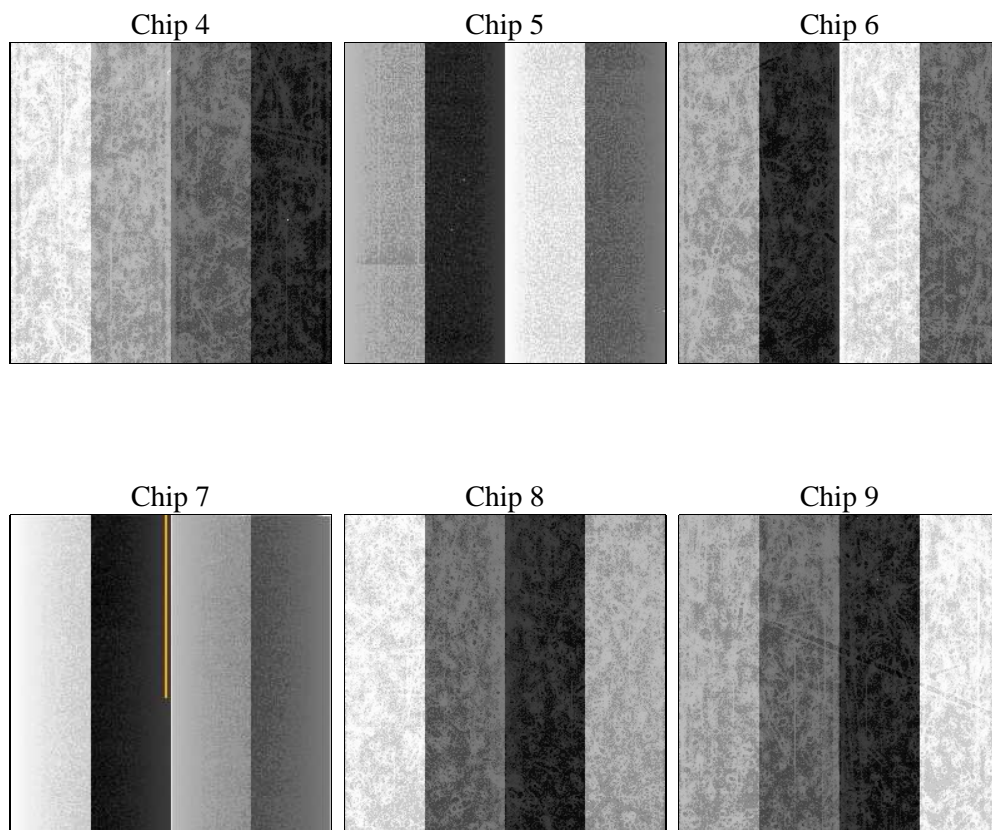
2 OBI

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	8.4.4	Processing system revision	ontime	2805.4895681739	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	2213.6101403832	Sum of GTIs [s]
date	2012-05-08T03:44:15	Date and time of file creation	ontime5	2805.4485281706	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	2264.1657170057	Sum of GTIs [s]
			ontime7	2805.4895681739	Sum of GTIs [s]
			ontime8	2335.3850730062	Sum of GTIs [s]
			ontime9	2252.5021325946	Sum of GTIs [s]
			l1events	522547	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	76733	96134	79385	99413	90808	80074	grade 0 events	28588	12098	26760	17527	31484	27967
rejected events	25363	26704	25086	23961	27435	25770		37%	12%	33%	17%	34%	34%
rejected %	33%	27%	31%	24%	30%	32%	grade 1 events	383	168	208	75	245	263
								0%	0%	0%	0%	0%	0%
							grade 2 events	7654	26631	9620	16403	11014	9055
								9%	27%	12%	16%	12%	11%
							grade 3 events	3410	2856	3258	6358	4109	3296
								4%	2%	4%	6%	4%	4%
							grade 4 events	3425	2969	3138	6364	4042	3382
								4%	3%	3%	6%	4%	4%
							grade 5 events	1315	3745	1365	3702	1781	1447
								1%	3%	1%	3%	1%	1%
							grade 6 events	8293	24876	11523	28800	12724	10604
								10%	25%	14%	28%	14%	13%
							grade 7 events	23665	22791	23513	20184	25409	24060
								30%	23%	29%	20%	27%	30%

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	110.5048280125176	Alternating exposures requested	N	N
[deg] Pointing Dec	0	46.48032053911758	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	190.5505981005217			
[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)	316876800.680486	316876799.65548			
Observation start date	2008-01-16T13:20:01	2008-01-16T13:19:59			
[s] Observation end time (MET)	316882442.28076	316882441.25575			
Observation end date	2008-01-16T14:54:02	2008-01-16T14:54:01			
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)	2012.05.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.8054895681739

A.2 Comments