

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57773 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : May 16 2012

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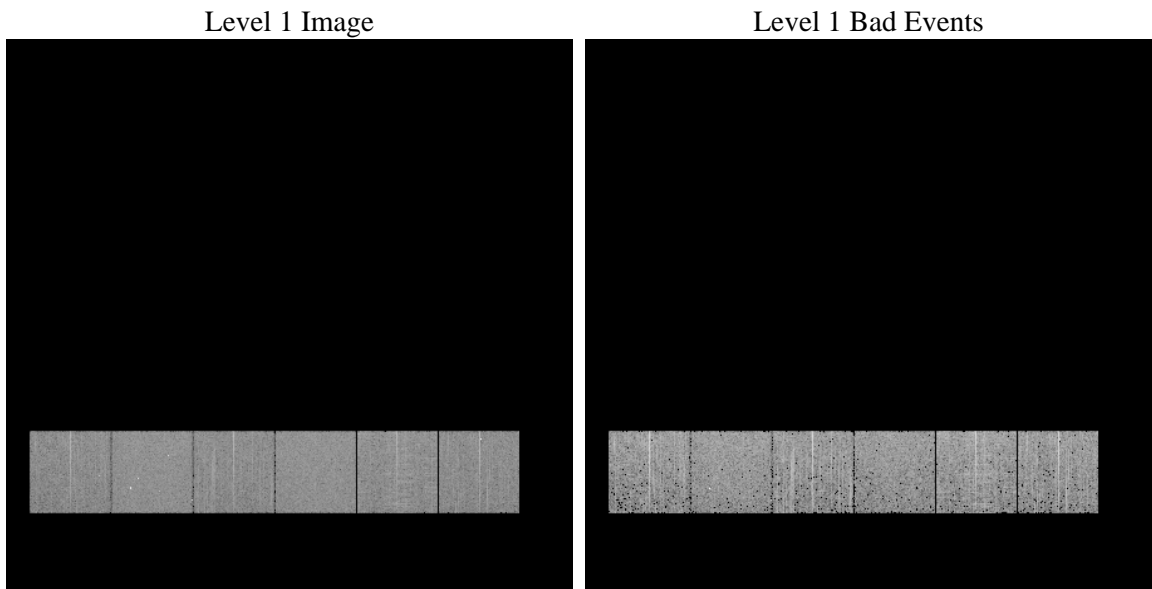
1 Front

seq_num	 	Sequence number
obs_id	57773	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	261.97405766039	Nominal RA [deg]
dec_nom	0.98787883424494	Nominal Dec [deg]
roll_nom	172.05854993229	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2681.5999900699	Sum of GTIs [s]
livetime	2647.6439563299	Livetime [s]
ontime4	2681.5999900699	Sum of GTIs [s]
ontime5	2681.5999900699	Sum of GTIs [s]
ontime6	2681.5999900699	Sum of GTIs [s]
ontime7	2681.5999900699	Sum of GTIs [s]
ontime8	2681.5999900699	Sum of GTIs [s]
ontime9	2681.5999900699	Sum of GTIs [s]
l2events	201336	Number of level 2 events

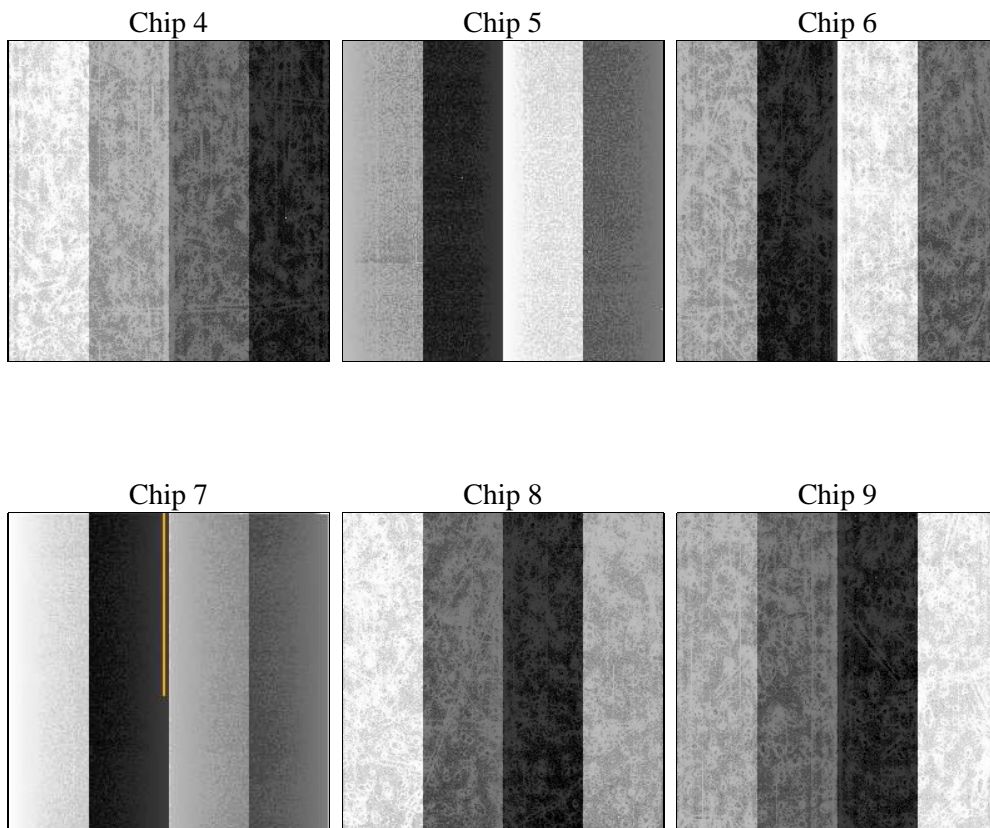
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	1380	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	2681.5999900699	Sum of GTIs [s]
caldbver	4.4.9	 	ontime4	2681.5999900699	Sum of GTIs [s]
date	2012-05-16T05:59:46	Date and time of file creation	ontime5	2681.5999900699	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	2681.5999900699	Sum of GTIs [s]
			ontime7	2681.5999900699	Sum of GTIs [s]
			ontime8	2681.5999900699	Sum of GTIs [s]
			ontime9	2681.5999900699	Sum of GTIs [s]
			l1events	378621	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	57536	67966	60314	66930	65940	59935	grade 0 events	18347	7712	18133	9205	19470	18539
rejected events	26742	25617	27510	23581	29025	27405		31%	11%	30%	13%	29%	30%
rejected %	46%	37%	45%	35%	44%	45%	grade 1 events	179	112	95	54	132	131
								0%	0%	0%	0%	0%	0%
							grade 2 events	5065	15446	6144	9875	6988	5857
								8%	22%	10%	14%	10%	9%
							grade 3 events	2222	2140	2168	4343	2689	2134
								3%	3%	3%	6%	4%	3%
							grade 4 events	2197	2101	2190	4261	2664	2190
								3%	3%	3%	6%	4%	3%
							grade 5 events	1412	3327	1467	3617	1868	1646
								2%	4%	2%	5%	2%	2%
							grade 6 events	4262	16698	5530	17403	6567	5188
								7%	24%	9%	26%	9%	8%
							grade 7 events	23852	20430	24587	18172	25562	24250
								41%	30%	40%	27%	38%	40%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-456789	ACIS-456789
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	261.9740576603901	261.9740576603901
[deg] Pointing Dec	0.9878788342449395	0.9878788342449395
[deg] Pointing Roll	172.0585499322866	172.0585499322866
[mm] SIM focus pos	-0.68282252473119	-0.68282252473119
[mm] SIM defocus	0.8505140384245534	0.8505140384245534
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	329442397.241829	329442397.241829
Observation start date	2008-06-10T00:13:00	2008-06-09T23:46:37
[s] Observation end time (MET)	329446913.5479	329446913.5479
Observation end date	2008-06-10T00:36:00	2008-06-10T01:01:53
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	OVERRIDE	OVERRIDE
Number of optional ACIS chips dropped	0	0
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	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.05.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.6815999900699

A.2 Comments