

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 58757 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Apr 10 2012

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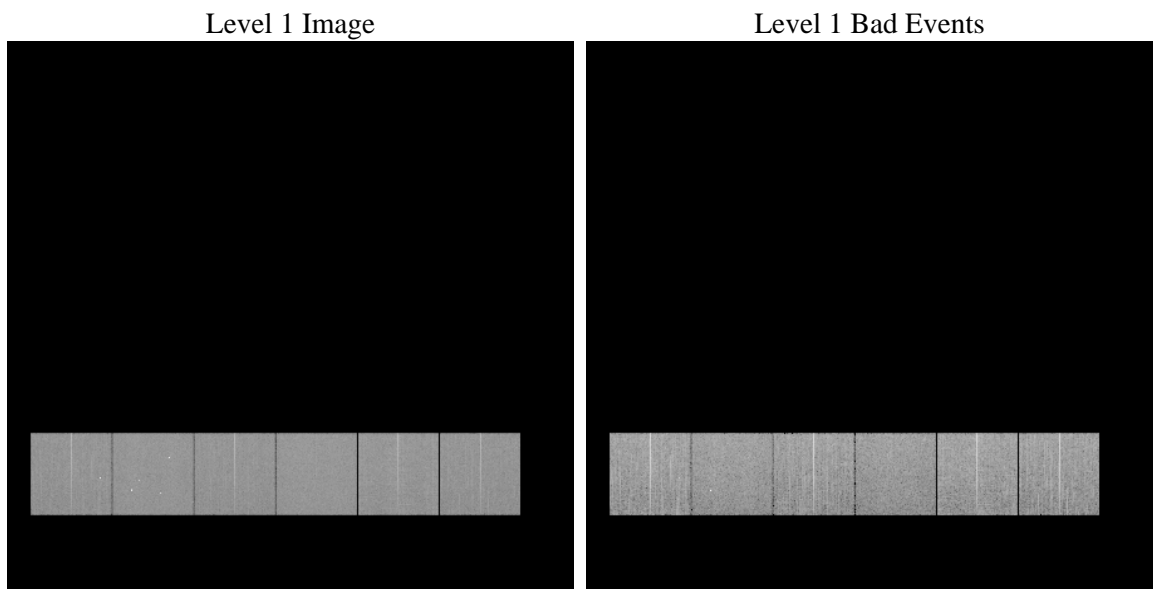
1 Front

seq_num	 	Sequence number
obs_id	58757	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	176.75576414117	Nominal RA [deg]
dec_nom	-51.206866593868	Nominal Dec [deg]
roll_nom	160.88250956893	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7644.3822975159	Sum of GTIs [s]
livetime	7547.5845259703	Livetime [s]
ontime4	7644.259177506	Sum of GTIs [s]
ontime5	7644.3412575126	Sum of GTIs [s]
ontime6	7644.3002175093	Sum of GTIs [s]
ontime7	7644.3822975159	Sum of GTIs [s]
ontime8	7644.2181375027	Sum of GTIs [s]
ontime9	7644.4233375192	Sum of GTIs [s]
l2events	810164	Number of level 2 events

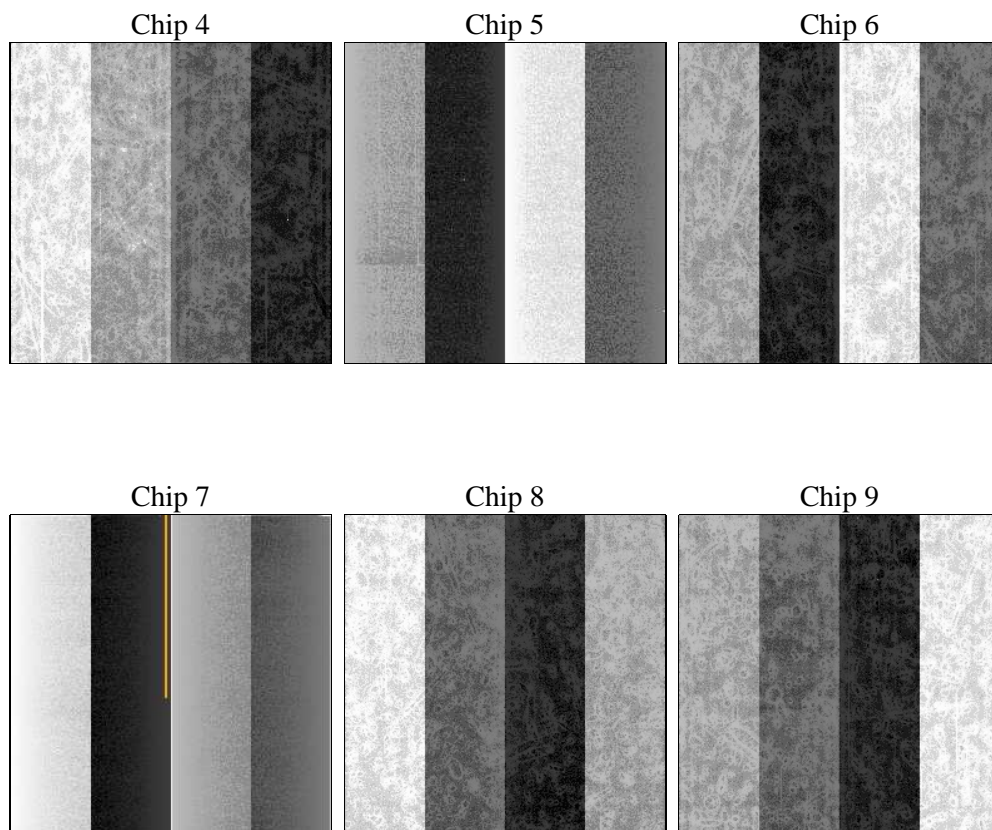
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	6360	[s] Scheduled observation exposure time
ascdsver	8.4.3.1	Processing system revision	ontime	7644.3822975159	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	7644.259177506	Sum of GTIs [s]
date	2012-04-11T02:03:42	Date and time of file creation	ontime5	7644.3412575126	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	7644.3002175093	Sum of GTIs [s]
			ontime7	7644.3822975159	Sum of GTIs [s]
			ontime8	7644.2181375027	Sum of GTIs [s]
			ontime9	7644.4233375192	Sum of GTIs [s]
			l1events	1301045	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	210539	221194	210756	225244	226379	206933	grade 0 events	77827	29851	75784	36372	79916	74368
rejected events	78905	67024	72074	61667	77645	72616		36%	13%	35%	16%	35%	35%
rejected %	37%	30%	34%	27%	34%	35%	grade 1 events	697	221	484	154	506	536
								0%	0%	0%	0%	0%	0%
							grade 2 events	21147	56657	24714	36221	27219	23589
								10%	25%	11%	16%	12%	11%
							grade 3 events	8953	8408	8880	16309	10110	9008
								4%	3%	4%	7%	4%	4%
							grade 4 events	9032	8145	9038	15968	10003	8773
								4%	3%	4%	7%	4%	4%
							grade 5 events	3991	9187	3925	9804	4953	4433
								1%	4%	1%	4%	2%	2%
							grade 6 events	17258	54170	22975	61887	24392	21291
								8%	24%	10%	27%	10%	10%
							grade 7 events	71634	54555	64956	48529	69280	64935
								34%	24%	30%	21%	30%	31%

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	176.7558064931367	176.7557641411703
[deg] Pointing Dec	-51.20687546899997	-51.20686659386762
[deg] Pointing Roll	160.8825426117322	160.882509568929
[mm] SIM focus pos	-0.78090834371673	-0.78090834371673
[mm] SIM defocus	0.7524282194390134	0.7524282194390134
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	276429532.04762	276429532.04762
Observation start date	2006-10-05T10:12:00	2006-10-05T09:58:52
[s] Observation end time (MET)	276439050.249008	276439050.249008
Observation end date	2006-10-05T11:58:00	2006-10-05T12:37:30
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.04.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.6443822975159

A.2 Comments