

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 58894 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 4 2012

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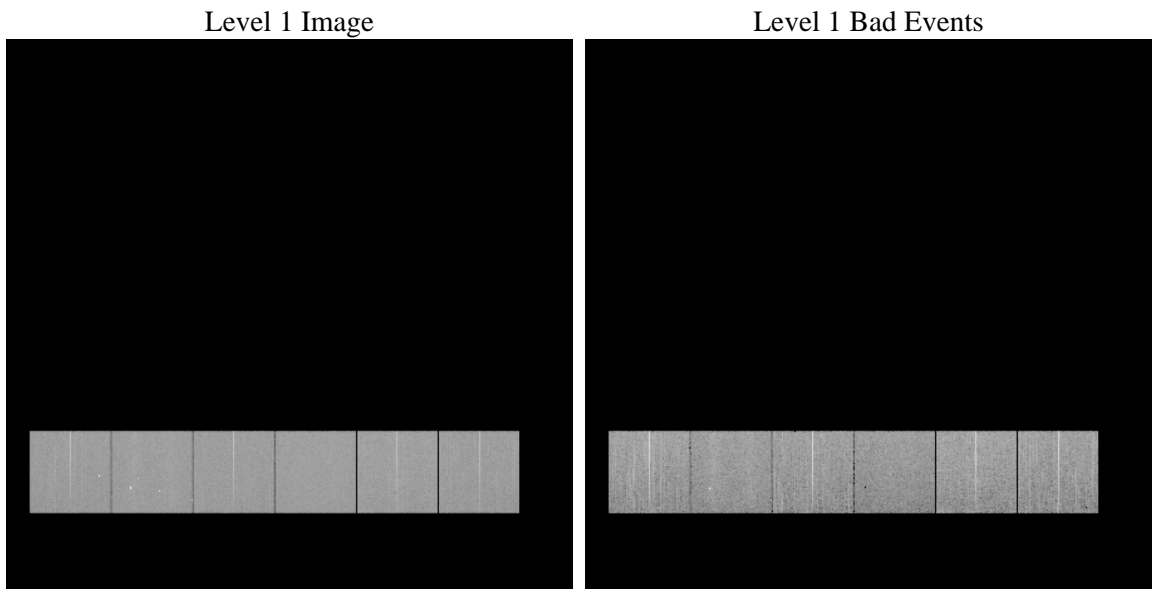
1 Front

seq_num	 	Sequence number
obs_id	58894	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	14.971645397179	Nominal RA [deg]
dec_nom	25.015204230738	Nominal Dec [deg]
roll_nom	110.66583068962	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8191.999969542	Sum of GTIs [s]
livetime	8088.2679332975	Livetime [s]
ontime4	8191.999969542	Sum of GTIs [s]
ontime5	8191.999969542	Sum of GTIs [s]
ontime6	8191.999969542	Sum of GTIs [s]
ontime7	8191.999969542	Sum of GTIs [s]
ontime8	8191.999969542	Sum of GTIs [s]
ontime9	8191.999969542	Sum of GTIs [s]
l2events	907458	Number of level 2 events

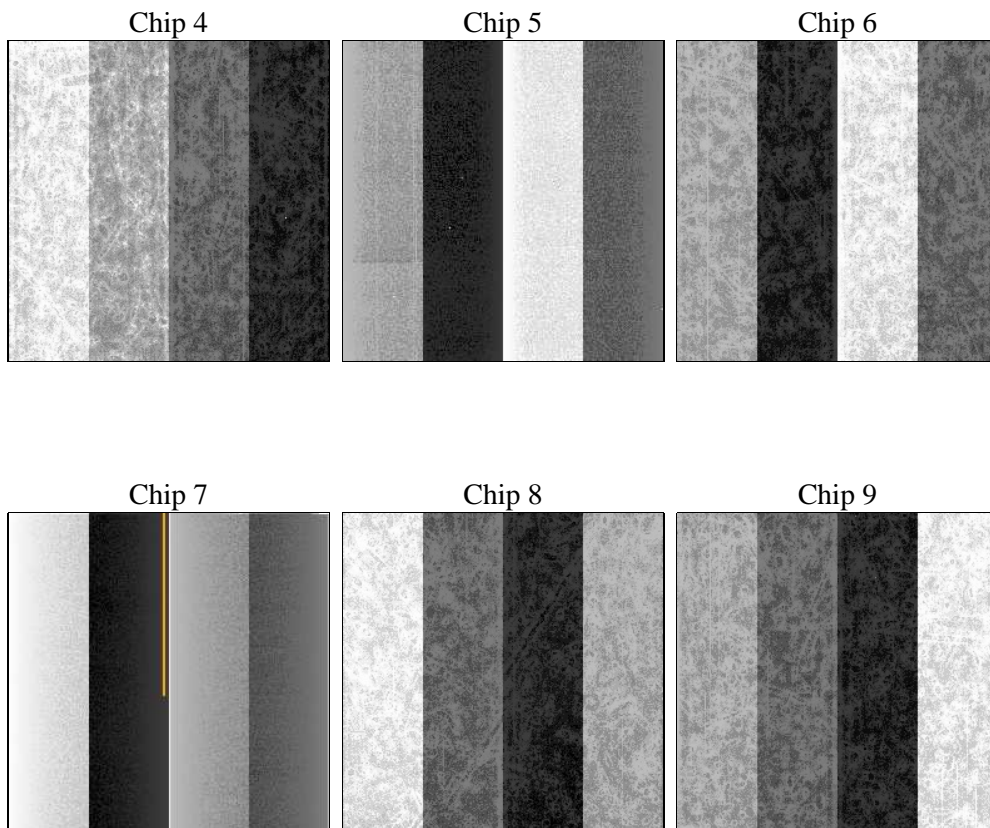
2 OBI

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	8.4.3.1	Processing system revision	ontime	8191.999969542	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8191.999969542	Sum of GTIs [s]
date	2012-04-04T21:49:47	Date and time of file creation	ontime5	8191.999969542	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8191.999969542	Sum of GTIs [s]
			ontime7	8191.999969542	Sum of GTIs [s]
			ontime8	8191.999969542	Sum of GTIs [s]
			ontime9	8191.999969542	Sum of GTIs [s]
			l1events	1436260	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	231211	242116	234300	244528	252710	231395	grade 0 events	87666	26517	82751	39458	89765	84170
rejected events	84769	72580	77824	63027	84227	79645		37%	10%	35%	16%	35%	36%
rejected %	36%	29%	33%	25%	33%	34%	grade 1 events	862	297	416	161	514	518
								0%	0%	0%	0%	0%	0%
							grade 2 events	21003	67919	29585	40721	29995	25493
								9%	28%	12%	16%	11%	11%
							grade 3 events	10011	7350	9630	17339	11314	9838
								4%	3%	4%	7%	4%	4%
							grade 4 events	10056	6819	9394	16985	11371	9808
								4%	2%	4%	6%	4%	4%
							grade 5 events	4036	9206	4086	9986	5327	4557
								1%	3%	1%	4%	2%	1%
							grade 6 events	19040	62427	26566	68689	27562	23836
								8%	25%	11%	28%	10%	10%
							grade 7 events	78537	61581	71872	51189	76862	73175
								33%	25%	30%	20%	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	0	14.9716453971792
[deg] Pointing Dec	0	25.0152042307378
[deg] Pointing Roll	0.0	110.6658306896219
[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)	268475794.07421	268475793.04919
Observation start date	2006-07-05T08:36:34	2006-07-05T08:36:33
[s] Observation end time (MET)	268498458.875273	268498457.85025
Observation end date	2006-07-05T14:54:19	2006-07-05T14:54:17
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
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)	2012.04.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.191999969542

A.2 Comments