

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 58893 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 4 2012

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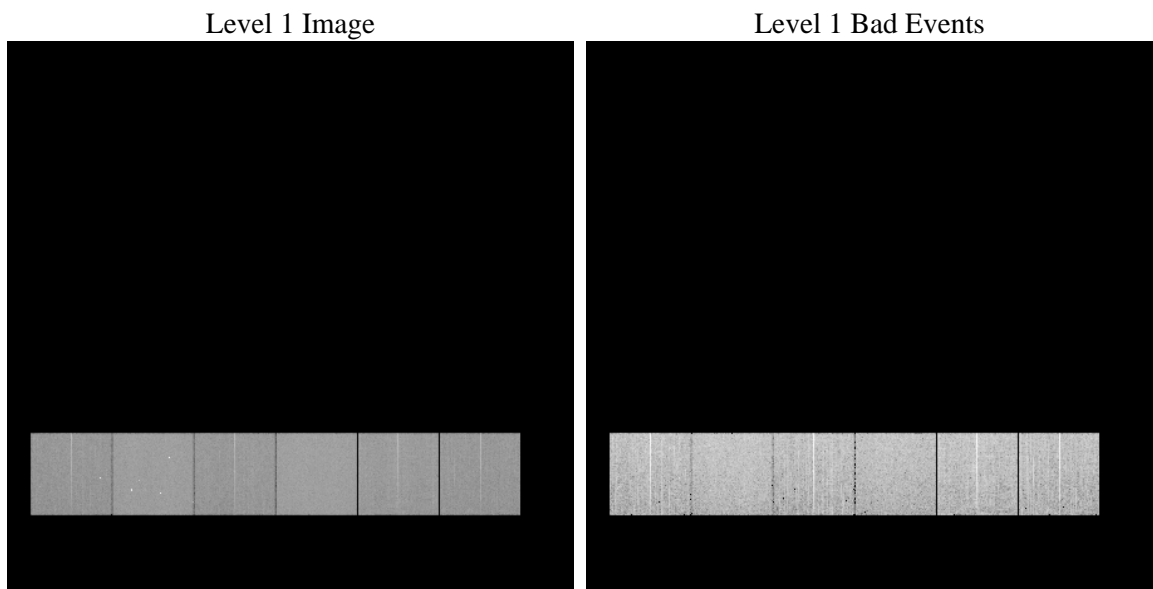
1 Front

seq_num	 	Sequence number
obs_id	58893	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	295.97678741419	Nominal RA [deg]
dec_nom	8.9865535127283	Nominal Dec [deg]
roll_nom	163.77669375173	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7084.6863732338	Sum of GTIs [s]
livetime	6994.9758084899	Livetime [s]
ontime4	5730.1213077903	Sum of GTIs [s]
ontime5	7084.6453332305	Sum of GTIs [s]
ontime6	5934.0512371659	Sum of GTIs [s]
ontime7	7084.6863732338	Sum of GTIs [s]
ontime8	6041.2565550208	Sum of GTIs [s]
ontime9	5749.4376019835	Sum of GTIs [s]
l2events	870184	Number of level 2 events

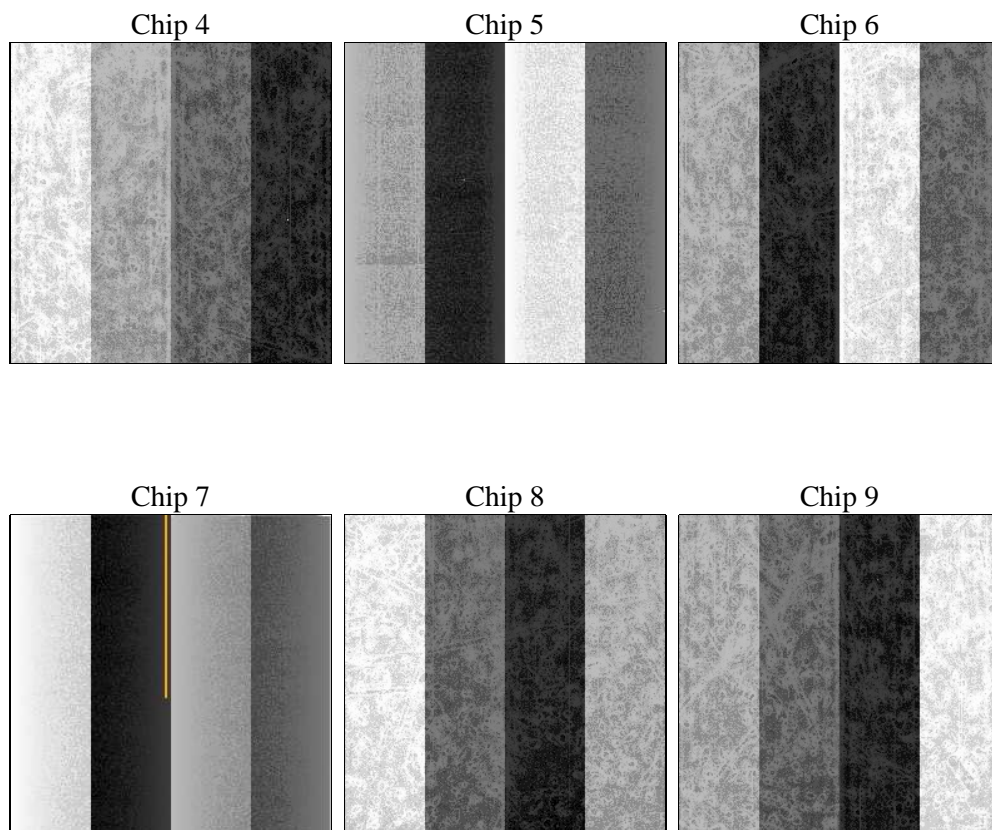
2 OBI

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	7084.6863732338	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	5730.1213077903	Sum of GTIs [s]
date	2012-04-04T22:33:55	Date and time of file creation	ontime5	7084.6453332305	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	5934.0512371659	Sum of GTIs [s]
			ontime7	7084.6863732338	Sum of GTIs [s]
			ontime8	6041.2565550208	Sum of GTIs [s]
			ontime9	5749.4376019835	Sum of GTIs [s]
			l1events	1278256	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	185601	240292	197259	248707	216656	189741	grade 0 events	72834	37177	73064	46104	79807	70563
rejected events	57439	58897	56927	53648	62779	57005		39%	15%	37%	18%	36%	37%
rejected %	30%	24%	28%	21%	28%	30%	grade 1 events	698	215	507	179	597	566
								0%	0%	0%	0%	0%	0%
							grade 2 events	20012	66031	24457	42436	26963	22650
								10%	27%	12%	17%	12%	11%
							grade 3 events	8670	9281	8657	17725	10048	8651
								4%	3%	4%	7%	4%	4%
							grade 4 events	8363	9232	8806	17850	10179	8374
								4%	3%	4%	7%	4%	4%
							grade 5 events	3117	8533	3259	8991	4111	3532
								1%	3%	1%	3%	1%	1%
							grade 6 events	18283	59674	25348	70944	26880	22498
								9%	24%	12%	28%	12%	11%
							grade 7 events	53624	50149	53161	44478	58071	52907
								28%	20%	26%	17%	26%	27%

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	295.976787414192	Alternating exposures requested	N	N
[deg] Pointing Dec	0	8.986553512728273	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	163.7766937517297			
[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)	268666202.183142	268666201.15811			
Observation start date	2006-07-07T13:30:02	2006-07-07T13:30:01			
[s] Observation end time (MET)	268675915.083597	268675914.05857			
Observation end date	2006-07-07T16:11:55	2006-07-07T16:11:54			
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)	2012.04.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.0846863732338

A.2 Comments