

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 59029 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Mar 29 2012

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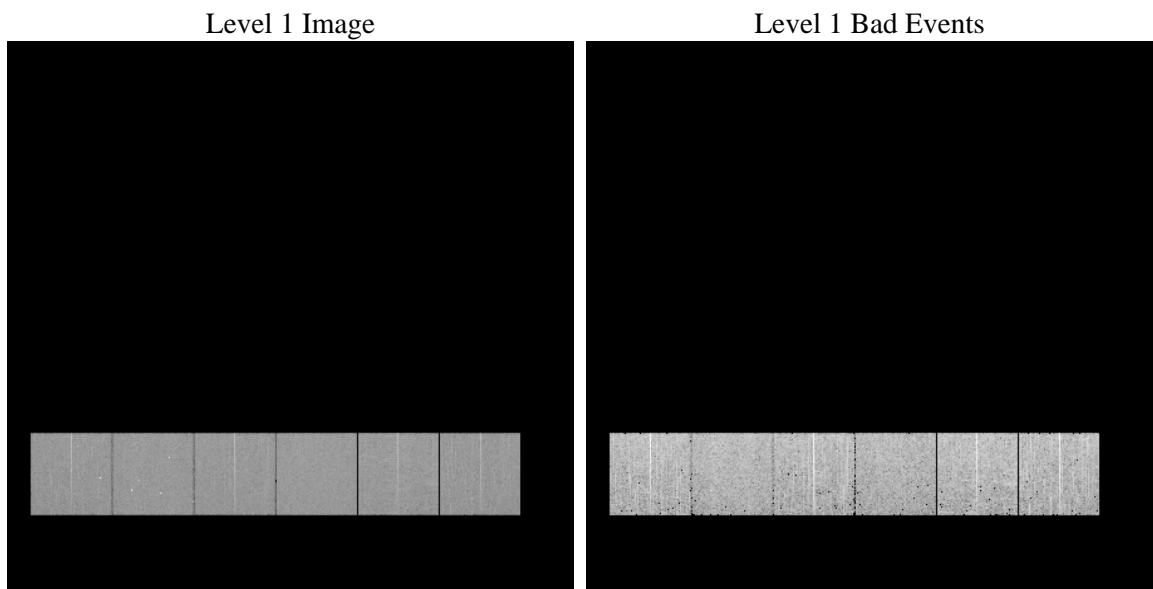
1 Front

seq_num	 	Sequence number
obs_id	59029	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	181.03568960465	Nominal RA [deg]
dec_nom	-36.993997466303	Nominal Dec [deg]
roll_nom	329.76692122531	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4623.7486994863	Sum of GTIs [s]
livetime	4565.2000093661	Livetime [s]
ontime4	4568.5288042426	Sum of GTIs [s]
ontime5	4623.707659483	Sum of GTIs [s]
ontime6	4623.6666194797	Sum of GTIs [s]
ontime7	4623.7486994863	Sum of GTIs [s]
ontime8	4623.5845395029	Sum of GTIs [s]
ontime9	4617.3077588975	Sum of GTIs [s]
l2events	556589	Number of level 2 events

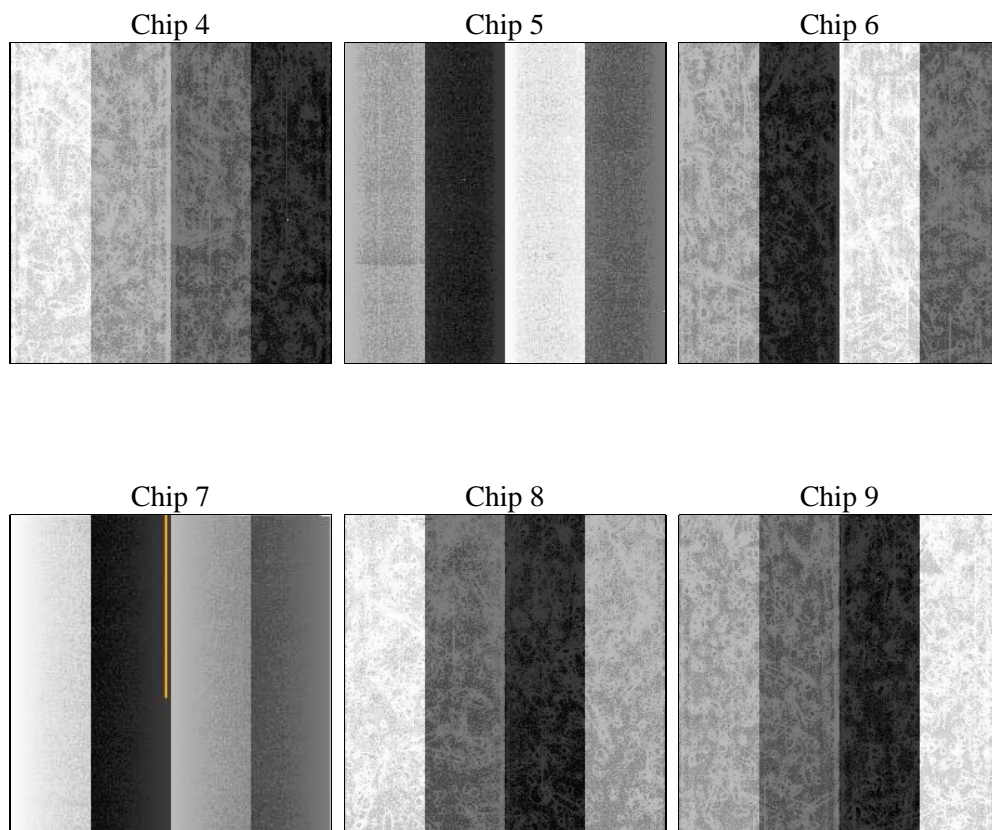
2 OBI

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	4623.7486994863	Sum of GTIs [s]
caldsver	4.4.8	 	ontime4	4568.5288042426	Sum of GTIs [s]
date	2012-03-29T15:27:41	Date and time of file creation	ontime5	4623.707659483	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	4623.6666194797	Sum of GTIs [s]
			ontime7	4623.7486994863	Sum of GTIs [s]
			ontime8	4623.5845395029	Sum of GTIs [s]
			ontime9	4617.3077588975	Sum of GTIs [s]
			l1events	835816	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	133064	139419	137727	143709	146468	135429	grade 0 events	51745	21789	51913	25006	54001	50301
rejected events	42737	36044	40553	33212	43482	42172		38%	15%	37%	17%	36%	37%
rejected %	32%	25%	29%	23%	29%	31%	grade 1 events	449	160	295	92	343	322
								0%	0%	0%	0%	0%	0%
							grade 2 events	14288	36563	17084	24128	18488	16020
								10%	26%	12%	16%	12%	11%
							grade 3 events	6139	5655	6249	10760	6932	6075
								4%	4%	4%	7%	4%	4%
							grade 4 events	6153	5793	5994	10725	7014	6032
								4%	4%	4%	7%	4%	4%
							grade 5 events	2222	5502	2389	5731	2957	2647
								1%	3%	1%	3%	2%	1%
							grade 6 events	12002	33575	15934	39878	16551	14829
								9%	24%	11%	27%	11%	10%
							grade 7 events	40066	30382	37869	27389	40182	39203
								30%	21%	27%	19%	27%	28%

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	181.0356896046453	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-36.9939974663027	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	329.7669212253102			
[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)	260897111.820287	260897110.7953			
Observation start date	2006-04-08T15:25:12	2006-04-08T15:25:10			
[s] Observation end time (MET)	260914299.021087	260914297.9961			
Observation end date	2006-04-08T20:11:39	2006-04-08T20:11:37			
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)	2012.03.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.6237486994863

A.2 Comments