

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 59104 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Mar 26 2012

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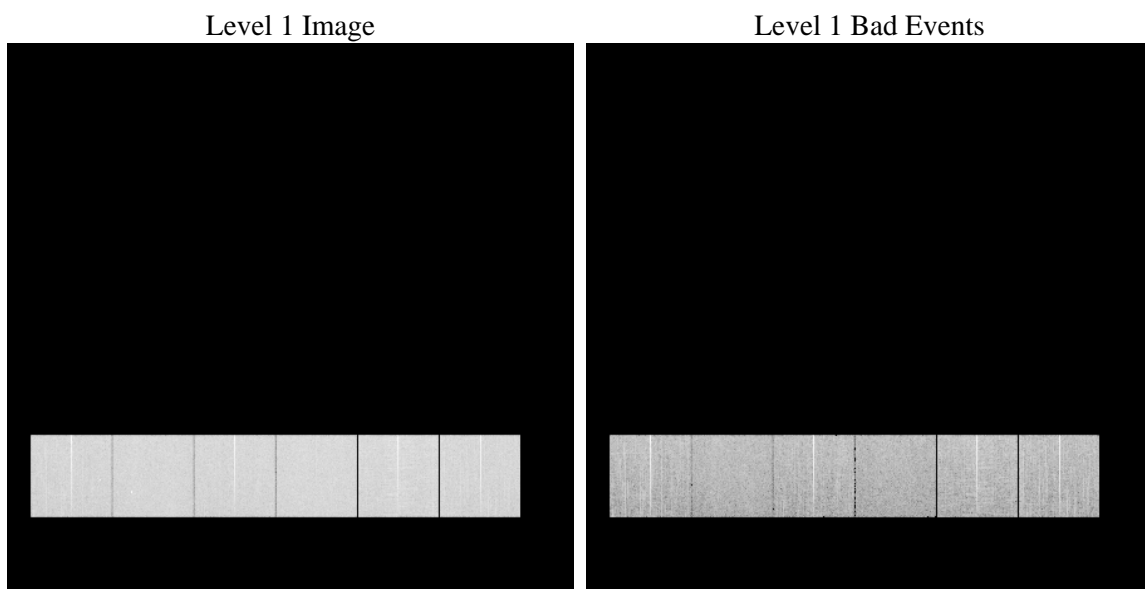
1 Front

seq_num	 	Sequence number
obs_id	59104	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	127.52073872259	Nominal RA [deg]
dec_nom	3.9802135670535	Nominal Dec [deg]
roll_nom	283.37055502984	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8169.5999695659	Sum of GTIs [s]
livetime	8066.1515756087	Livetime [s]
ontime4	8169.5999695659	Sum of GTIs [s]
ontime5	8169.5999695659	Sum of GTIs [s]
ontime6	8169.5999695659	Sum of GTIs [s]
ontime7	8169.5999695659	Sum of GTIs [s]
ontime8	8169.5999695659	Sum of GTIs [s]
ontime9	8169.5999695659	Sum of GTIs [s]
l2events	970062	Number of level 2 events

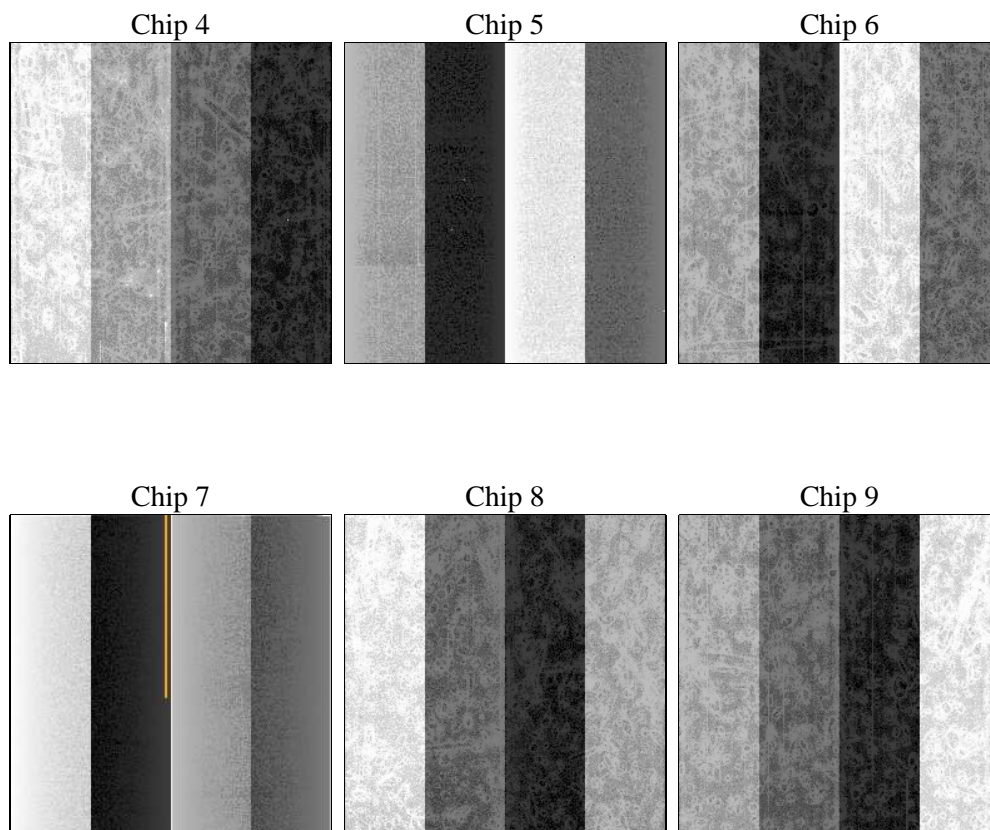
2 OBI

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	Processing system revision	ontime	8169.5999695659	Sum of GTIs [s]
caldsver	4.4.8	 	ontime4	8169.5999695659	Sum of GTIs [s]
date	2012-03-26T07:20:26	Date and time of file creation	ontime5	8169.5999695659	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8169.5999695659	Sum of GTIs [s]
			ontime7	8169.5999695659	Sum of GTIs [s]
			ontime8	8169.5999695659	Sum of GTIs [s]
			ontime9	8169.5999695659	Sum of GTIs [s]
			l1events	1467237	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	234562	241031	242107	252370	257720	239447	grade 0 events	91737	32416	92493	43840	96759	90293
rejected events	77508	66417	72969	60297	78593	76445		39%	13%	38%	17%	37%	37%
rejected %	33%	27%	30%	23%	30%	31%	grade 1 events	840	182	523	158	617	585
								0%	0%	0%	0%	0%	0%
							grade 2 events	24955	65546	29622	42435	32285	28479
								10%	27%	12%	16%	12%	11%
							grade 3 events	11049	9329	10855	19170	12274	10660
								4%	3%	4%	7%	4%	4%
							grade 4 events	10771	9243	10750	19106	11849	10771
								4%	3%	4%	7%	4%	4%
							grade 5 events	3861	9090	4171	9704	5114	4650
								1%	3%	1%	3%	1%	1%
							grade 6 events	20600	60414	27674	70072	28252	25005
								8%	25%	11%	27%	10%	10%
							grade 7 events	70749	54811	66019	47885	70570	69004
								30%	22%	27%	18%	27%	28%

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	127.5207387225854
[deg] Pointing Dec	0	3.980213567053458
[deg] Pointing Roll	0.0	283.3705550298395
[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)	257052879.891508	257052878.86646
Observation start date	2006-02-23T03:34:40	2006-02-23T03:34:38
[s] Observation end time (MET)	257074189.6425	257074188.61745
Observation end date	2006-02-23T09:29:50	2006-02-23T09:29:48
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)	2012.03.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1695999695659

A.2 Comments