

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 59071 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Mar 27 2012

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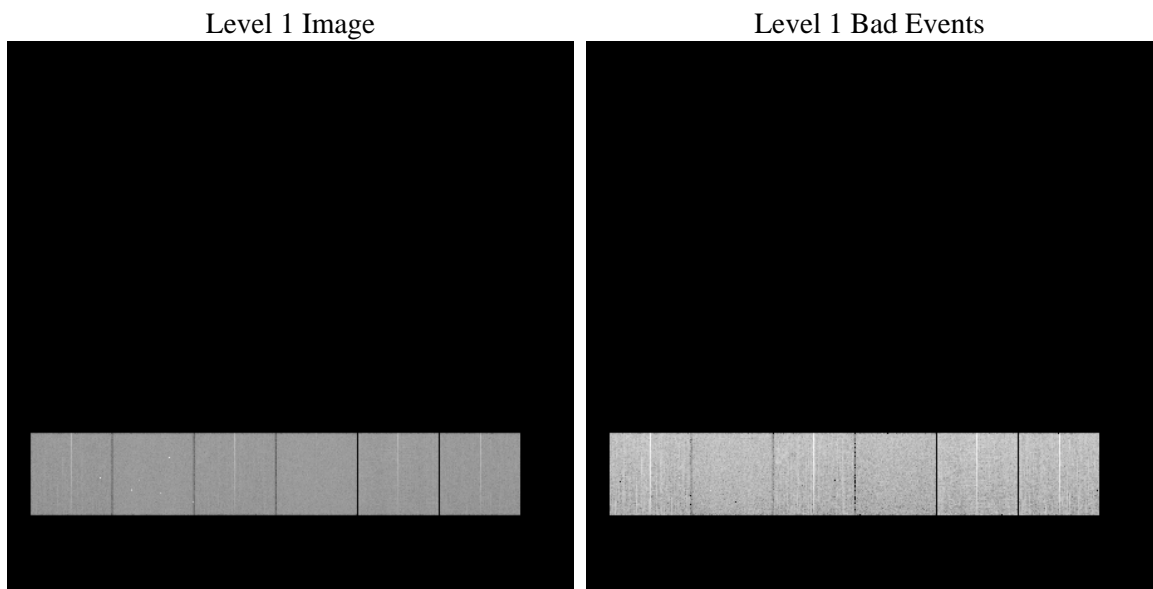
1 Front

seq_num	 	Sequence number
obs_id	59071	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	140.0106922271	Nominal RA [deg]
dec_nom	11.973361642075	Nominal Dec [deg]
roll_nom	258.55833424536	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7797.5065164566	Sum of GTIs [s]
livetime	7698.7697938505	Livetime [s]
ontime4	7583.4790762067	Sum of GTIs [s]
ontime5	7797.4654764533	Sum of GTIs [s]
ontime6	7797.42443645	Sum of GTIs [s]
ontime7	7797.5065164566	Sum of GTIs [s]
ontime8	7797.3423564732	Sum of GTIs [s]
ontime9	7758.6558327675	Sum of GTIs [s]
l2events	934173	Number of level 2 events

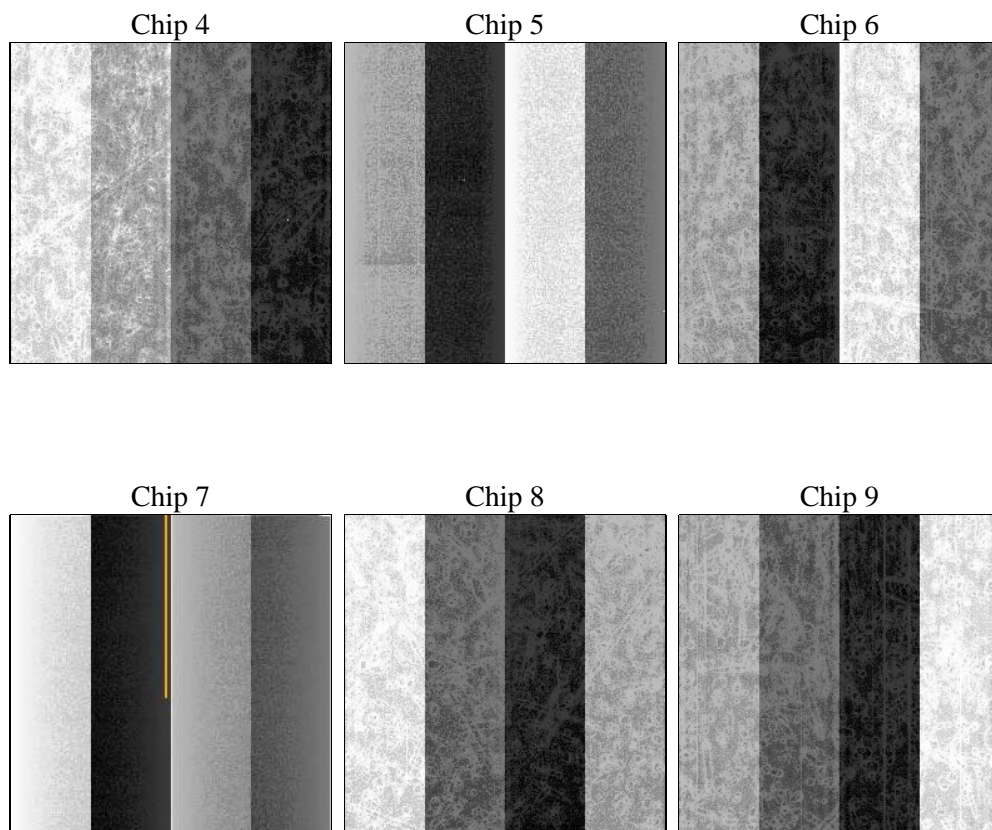
2 OBI

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	7797.5065164566	Sum of GTIs [s]
caldsver	4.4.8	 	ontime4	7583.4790762067	Sum of GTIs [s]
date	2012-03-27T06:37:46	Date and time of file creation	ontime5	7797.4654764533	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	7797.42443645	Sum of GTIs [s]
			ontime7	7797.5065164566	Sum of GTIs [s]
			ontime8	7797.3423564732	Sum of GTIs [s]
			ontime9	7758.6558327675	Sum of GTIs [s]
			l1events	1395184	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	219831	232656	231101	241044	244984	225568	grade 0 events	86599	34613	87694	42296	91768	85010
rejected events	70111	61007	67763	54968	71735	69060		39%	14%	37%	17%	37%	37%
rejected %	31%	26%	29%	22%	29%	30%	grade 1 events	770	223	472	147	572	613
								0%	0%	0%	0%	0%	0%
							grade 2 events	23684	61112	28507	40478	31077	27094
								10%	26%	12%	16%	12%	12%
							grade 3 events	9971	9581	10363	18466	11681	10034
								4%	4%	4%	7%	4%	4%
							grade 4 events	9930	9229	10300	18128	11592	10230
								4%	3%	4%	7%	4%	4%
							grade 5 events	3745	9142	4059	9491	4984	4270
								1%	3%	1%	3%	2%	1%
							grade 6 events	19536	57114	26474	66708	27131	24140
								8%	24%	11%	27%	11%	10%
							grade 7 events	65596	51642	63232	45330	66179	64177
								29%	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	140.0106922270985
[deg] Pointing Dec	0	11.97336164207494
[deg] Pointing Roll	0.0	258.5583342453605
[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)	258156337.54276	258156336.51776
Observation start date	2006-03-07T22:05:38	2006-03-07T22:05:36
[s] Observation end time (MET)	258196257.194616	258196256.16961
Observation end date	2006-03-08T09:10:57	2006-03-08T09:10:56
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	7.7975065164566

A.2 Comments