

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55191 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 23 2012

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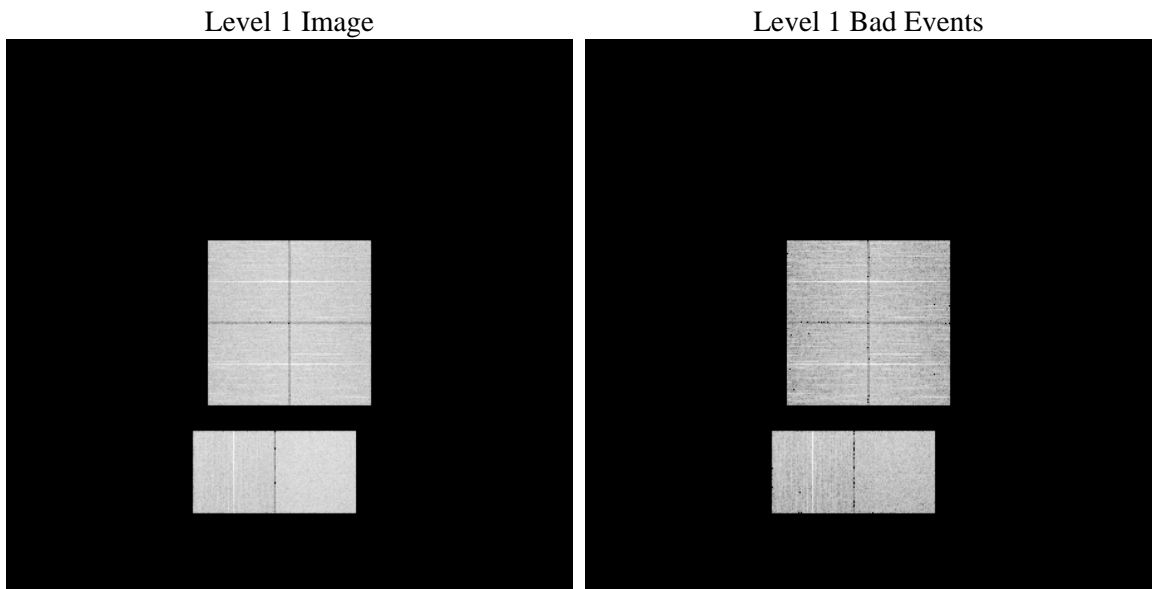
1 Front

seq_num	 	Sequence number
obs_id	55191	Observation id
title	ACIS-012367 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	233.66788651349	Nominal RA [deg]
dec_nom	-24.603360986869	Nominal Dec [deg]
roll_nom	256.82100935837	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8079.2577999234	Sum of GTIs [s]
livetime	7976.9533729158	Livetime [s]
ontime0	8079.2167599201	Sum of GTIs [s]
ontime1	8079.1757199168	Sum of GTIs [s]
ontime2	8079.1346799135	Sum of GTIs [s]
ontime3	8079.2988399267	Sum of GTIs [s]
ontime6	8075.8526297212	Sum of GTIs [s]
ontime7	8079.2577999234	Sum of GTIs [s]
l2events	320329	Number of level 2 events

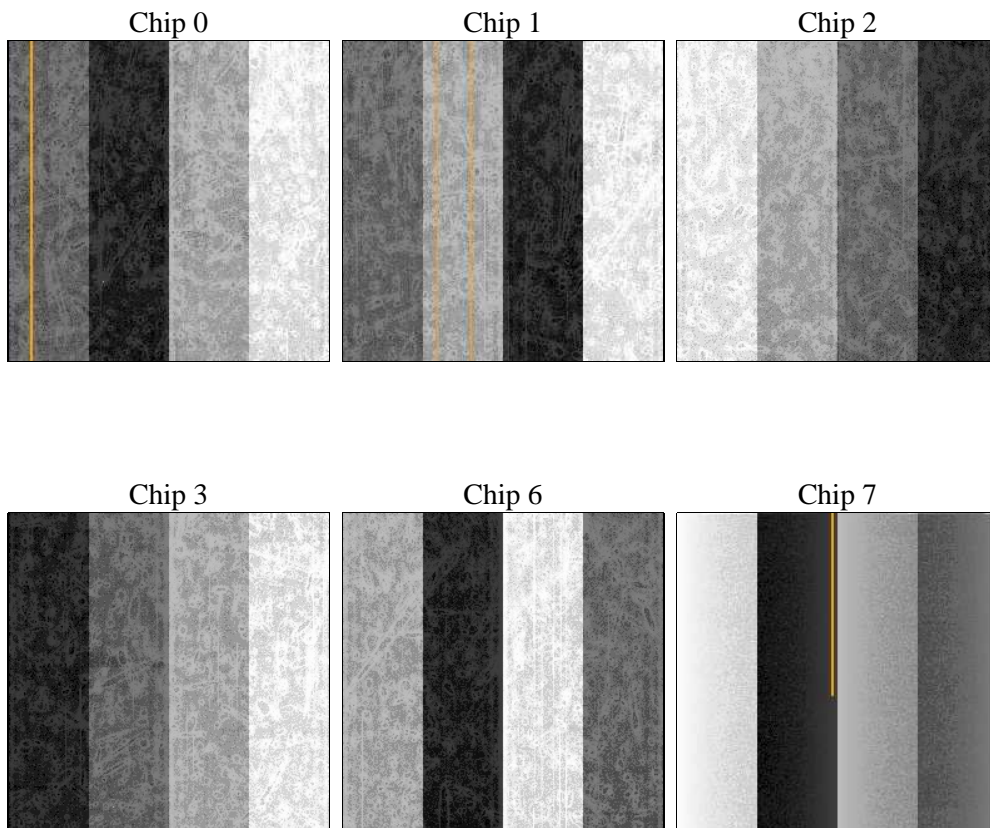
2 OBI

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	8079.2577999234	Sum of GTIs [s]
caldsver	4.4.8	 	ontime0	8079.2167599201	Sum of GTIs [s]
date	2012-02-23T03:41:54	Date and time of file creation	ontime1	8079.1757199168	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8079.1346799135	Sum of GTIs [s]
			ontime3	8079.2988399267	Sum of GTIs [s]
			ontime6	8075.8526297212	Sum of GTIs [s]
			ontime7	8079.2577999234	Sum of GTIs [s]
			l1events	670202	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	105495	103528	105152	108798	110127	137102	grade 0 events	27860	27508	28392	28887	27816	14311
rejected events	54139	51135	54043	56467	56870	58882		26%	26%	27%	26%	25%	10%
rejected %	51%	49%	51%	51%	51%	42%	grade 1 events	134	130	152	184	144	121
								0%	0%	0%	0%	0%	0%
							grade 2 events	9836	10757	9161	9588	10202	17473
								9%	10%	8%	8%	9%	12%
							grade 3 events	3499	3475	3608	3653	3574	7223
								3%	3%	3%	3%	3%	5%
							grade 4 events	3403	3449	3585	3691	3567	7203
								3%	3%	3%	3%	3%	5%
							grade 5 events	3334	3413	3070	3776	3581	8891
								3%	3%	2%	3%	3%	6%
							grade 6 events	8847	9262	8341	8583	10171	34625
								8%	8%	7%	7%	9%	25%
							grade 7 events	48582	45534	48843	50436	51072	47255
								46%	43%	46%	46%	46%	34%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	233.6678865134946
[deg] Pointing Dec	0	-24.60336098686879
[deg] Pointing Roll	0.0	256.8210093583722
[mm] SIM focus pos	-1.4281808131	-1.4281808131
[mm] SIM defocus	0.1051557500557434	0.1051557500557434
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	432257576.53332	432257576.53332
Observation start date	2011-09-12T23:32:57	2011-09-12T23:32:56
[s] Observation end time (MET)	432267818.211527	432267818.211527
Observation end date	2011-09-13T02:23:38	2011-09-13T02:23:38
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	OVERRIDE	OVERRIDE
Number of optional ACIS chips dropped	0	0
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.02.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.0792577999234

A.2 Comments