

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60239 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 1 2012

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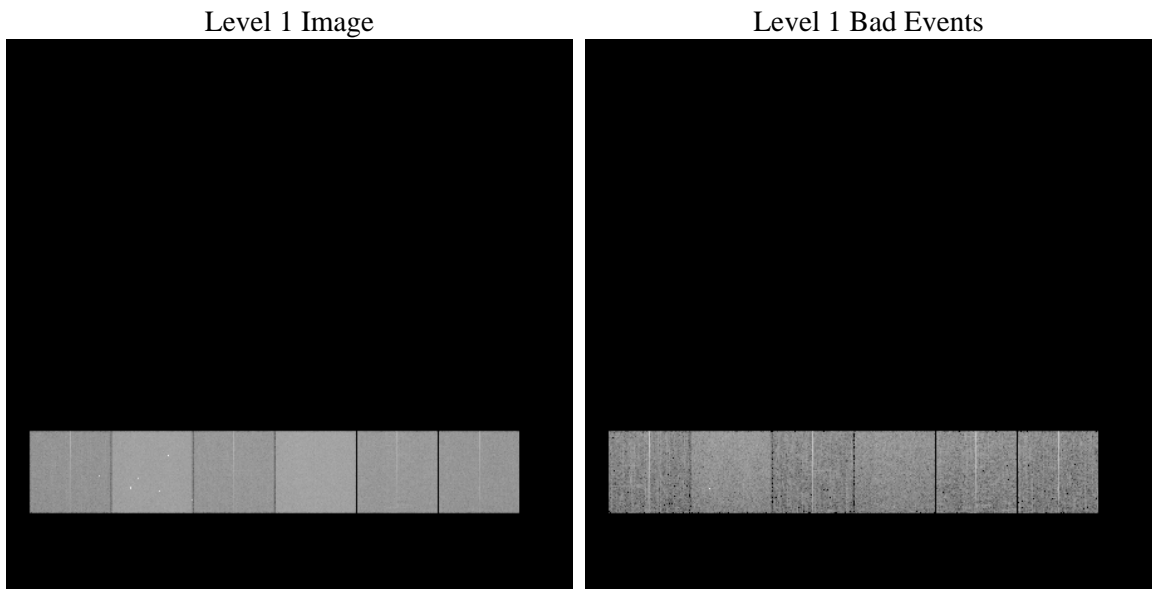
1 Front

seq_num	 	Sequence number
obs_id	60239	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	263.98315302865	Nominal RA [deg]
dec_nom	-21.976051347291	Nominal Dec [deg]
roll_nom	90.307211708973	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7800.9052080512	Sum of GTIs [s]
livetime	7702.1254491657	Livetime [s]
ontime4	4650.5568302274	Sum of GTIs [s]
ontime5	7800.8641680479	Sum of GTIs [s]
ontime6	5117.5691195726	Sum of GTIs [s]
ontime7	7800.9052080512	Sum of GTIs [s]
ontime8	5282.8593802452	Sum of GTIs [s]
ontime9	4997.5063532591	Sum of GTIs [s]
l2events	1089792	Number of level 2 events

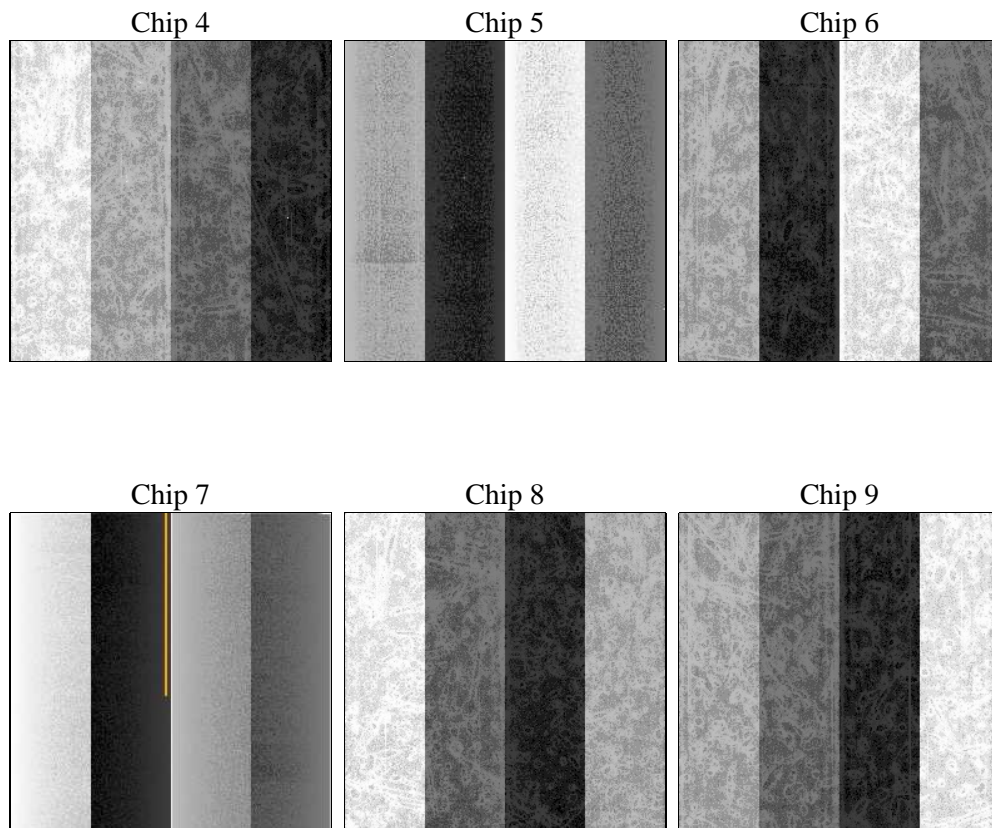
2 OBI

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	8.4.5	Processing system revision	ontime	7800.9052080512	Sum of GTIs [s]
caldsver	4.5.2	 	ontime4	4650.5568302274	Sum of GTIs [s]
date	2012-12-01T08:04:50	Date and time of file creation	ontime5	7800.8641680479	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	5117.5691195726	Sum of GTIs [s]
			ontime7	7800.9052080512	Sum of GTIs [s]
			ontime8	5282.8593802452	Sum of GTIs [s]
			ontime9	4997.5063532591	Sum of GTIs [s]
			l1events	1414816	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	180865	295345	208002	312488	221860	196256	grade 0 events	82462	55294	91334	64905	96489	86955
rejected events	38554	54385	39518	46652	43749	38020		45%	18%	43%	20%	43%	44%
rejected %	21%	18%	18%	14%	19%	19%	grade 1 events	674	208	467	169	535	525
								0%	0%	0%	0%	0%	0%
							grade 2 events	22714	86238	29149	58486	31501	26908
								12%	29%	14%	18%	14%	13%
							grade 3 events	9274	14237	10563	26449	11549	10190
								5%	4%	5%	8%	5%	5%
							grade 4 events	9407	13909	10420	26376	11645	10008
								5%	4%	5%	8%	5%	5%
							grade 5 events	2173	8898	2601	8612	3066	2717
								1%	3%	1%	2%	1%	1%
							grade 6 events	18454	71282	27018	89620	26927	24175
								10%	24%	12%	28%	12%	12%
							grade 7 events	35707	45279	36450	37871	40148	34778
								19%	15%	17%	12%	18%	17%

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	263.9831530286525
[deg] Pointing Dec	0	-21.97605134729053
[deg] Pointing Roll	0.0	90.3072117089726
[mm] SIM focus pos	-0.684267	-0.7809083437167272
[mm] SIM defocus	0	0.7524282956875696
[mm] SIM translation stage pos	-190.132523	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	200584036.529971	200584035.50498
Observation start date	2004-05-10T13:47:17	2004-05-10T13:47:15
[s] Observation end time (MET)	200620284.631569	200620283.60658
Observation end date	2004-05-10T23:51:25	2004-05-10T23:51:23
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	0.000000	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)	2012.12.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.8009052080512

A.2 Comments