

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60357 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 12 2012

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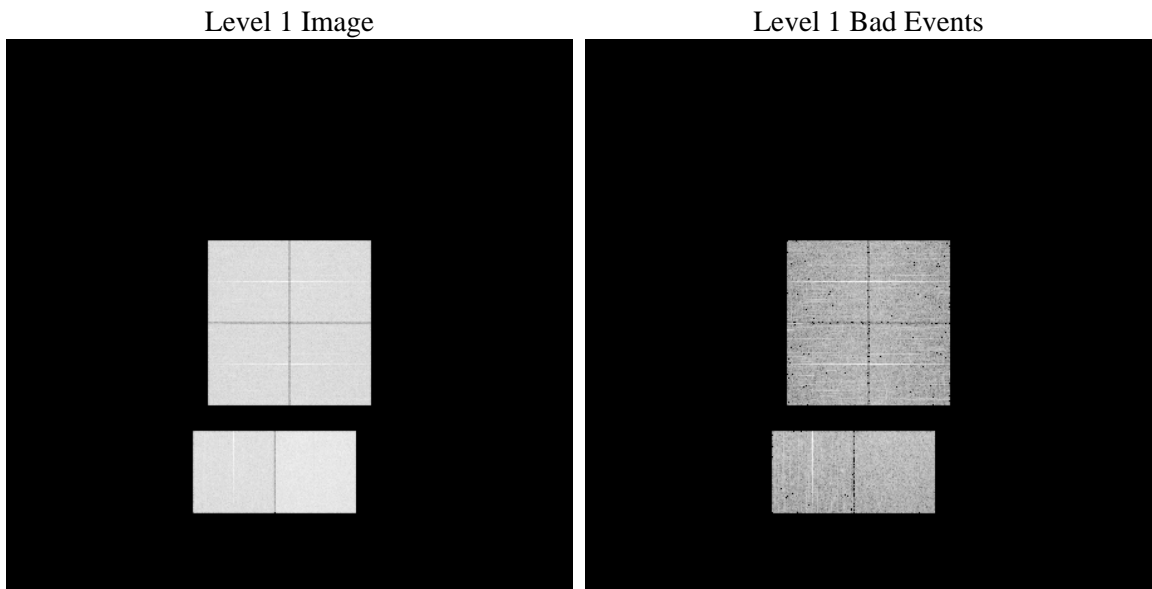
1 Front

seq_num	 	Sequence number
obs_id	60357	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	131.02935917634	Nominal RA [deg]
dec_nom	-19.006943025439	Nominal Dec [deg]
roll_nom	313.03918273814	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7801.5999709368	Sum of GTIs [s]
livetime	7702.8114145452	Livetime [s]
ontime0	5555.6011972427	Sum of GTIs [s]
ontime1	5724.1320829093	Sum of GTIs [s]
ontime2	5383.8126349151	Sum of GTIs [s]
ontime3	5354.0184664428	Sum of GTIs [s]
ontime6	5912.0517583787	Sum of GTIs [s]
ontime7	7801.5999709368	Sum of GTIs [s]
l2events	1130280	Number of level 2 events

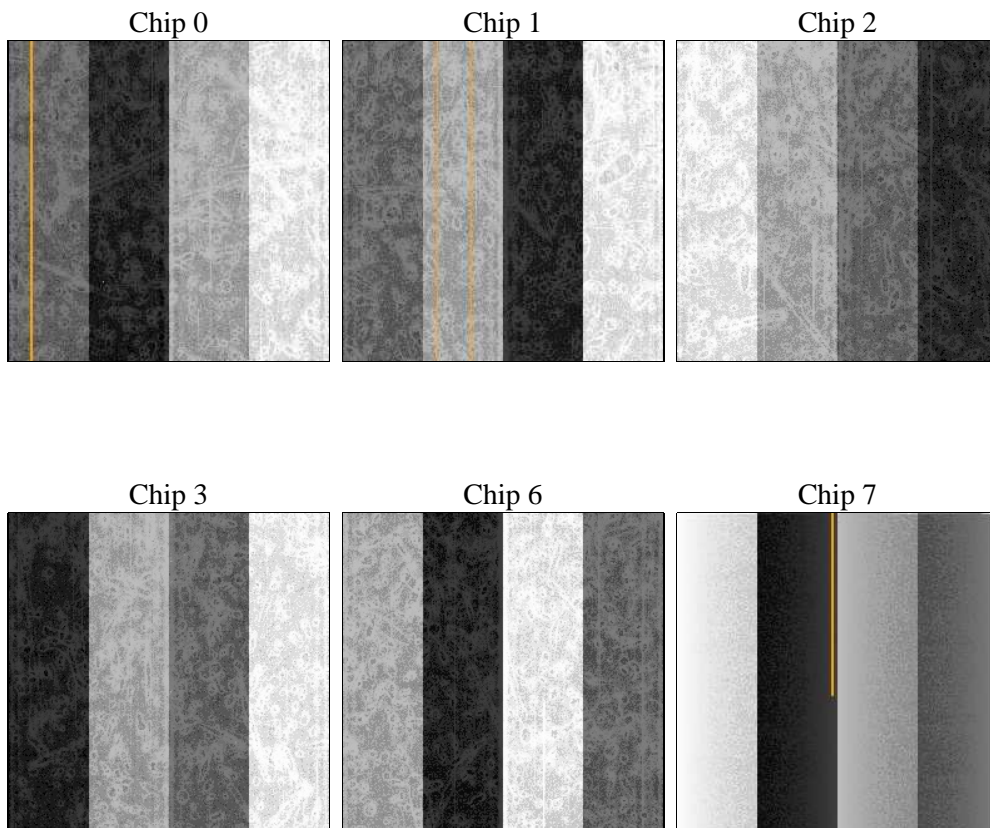
2 OBI

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	7801.5999709368	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	5555.6011972427	Sum of GTIs [s]
date	2012-11-12T15:29:48	Date and time of file creation	ontime1	5724.1320829093	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	5383.8126349151	Sum of GTIs [s]
			ontime3	5354.0184664428	Sum of GTIs [s]
			ontime6	5912.0517583787	Sum of GTIs [s]
			ontime7	7801.5999709368	Sum of GTIs [s]
			l1events	1417543	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	215481	221438	211854	211707	241781	315282	grade 0 events	98638	101792	98343	98294	109682	66706
rejected events	36502	36488	37013	36770	41548	44020		45%	45%	46%	46%	45%	21%
rejected %	16%	16%	17%	17%	17%	13%	grade 1 events	569	464	592	553	534	199
								0%	0%	0%	0%	0%	0%
							grade 2 events	31094	33083	29114	29565	34368	60147
								14%	14%	13%	13%	14%	19%
							grade 3 events	11655	11657	11490	11385	12316	27265
								5%	5%	5%	5%	5%	8%
							grade 4 events	11686	11652	11458	11456	12313	27078
								5%	5%	5%	5%	5%	8%
							grade 5 events	2428	2482	2182	2442	2725	8042
								1%	1%	1%	1%	1%	2%
							grade 6 events	26008	26858	24545	24237	31659	90185
								12%	12%	11%	11%	13%	28%
							grade 7 events	33403	33450	34130	33775	38184	35660
								15%	15%	16%	15%	15%	11%

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	131.0293591763402
[deg] Pointing Dec	0	-19.00694302543853
[deg] Pointing Roll	0.0	313.0391827381396
[mm] SIM focus pos	-0.782348	-0.6828225247311905
[mm] SIM defocus	0	0.8505141146731063
[mm] SIM translation stage pos	-233.592463	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	194182169.14822	194182168.1235
Observation start date	2004-02-26T11:29:29	2004-02-26T11:29:28
[s] Observation end time (MET)	194202170.999096	194202169.97437
Observation end date	2004-02-26T17:02:51	2004-02-26T17:02:49
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.12.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.8015999709368

A.2 Comments