

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60968 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 17 2012

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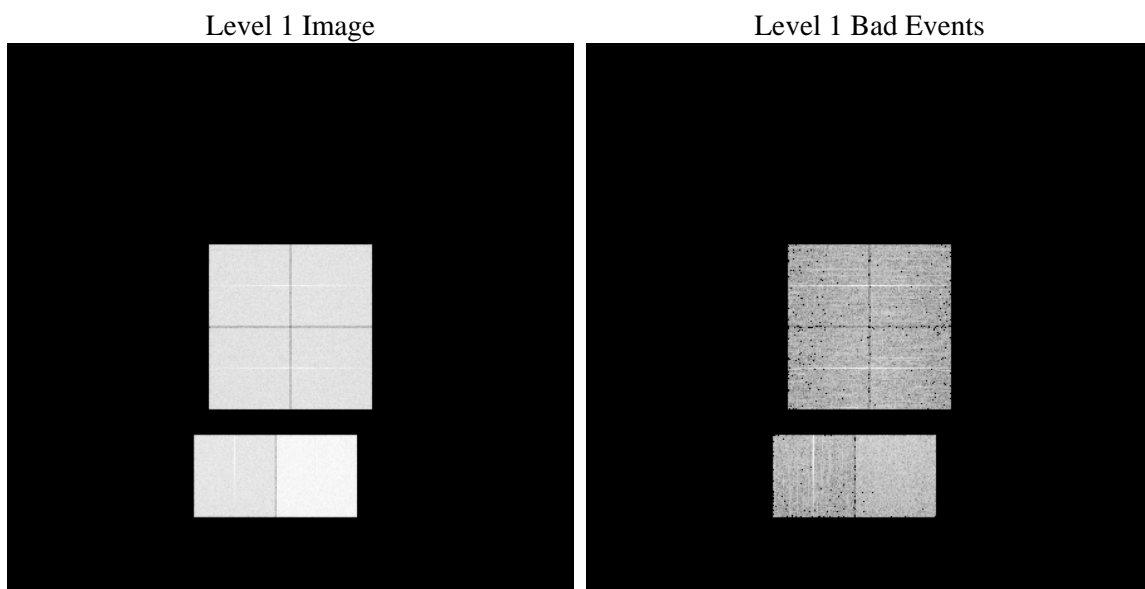
1 Front

seq_num	 	Sequence number
obs_id	60968	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	294.02072611502	Nominal RA [deg]
dec_nom	-37.02332391161	Nominal Dec [deg]
roll_nom	272.53971418172	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8467.0361754894	Sum of GTIs [s]
livetime	8359.8214651983	Livetime [s]
ontime0	4219.8196977377	Sum of GTIs [s]
ontime1	4287.8800123334	Sum of GTIs [s]
ontime2	4015.6371487677	Sum of GTIs [s]
ontime3	4101.4923084676	Sum of GTIs [s]
ontime6	4474.0017137527	Sum of GTIs [s]
ontime7	8467.0361754894	Sum of GTIs [s]
l2events	1306226	Number of level 2 events

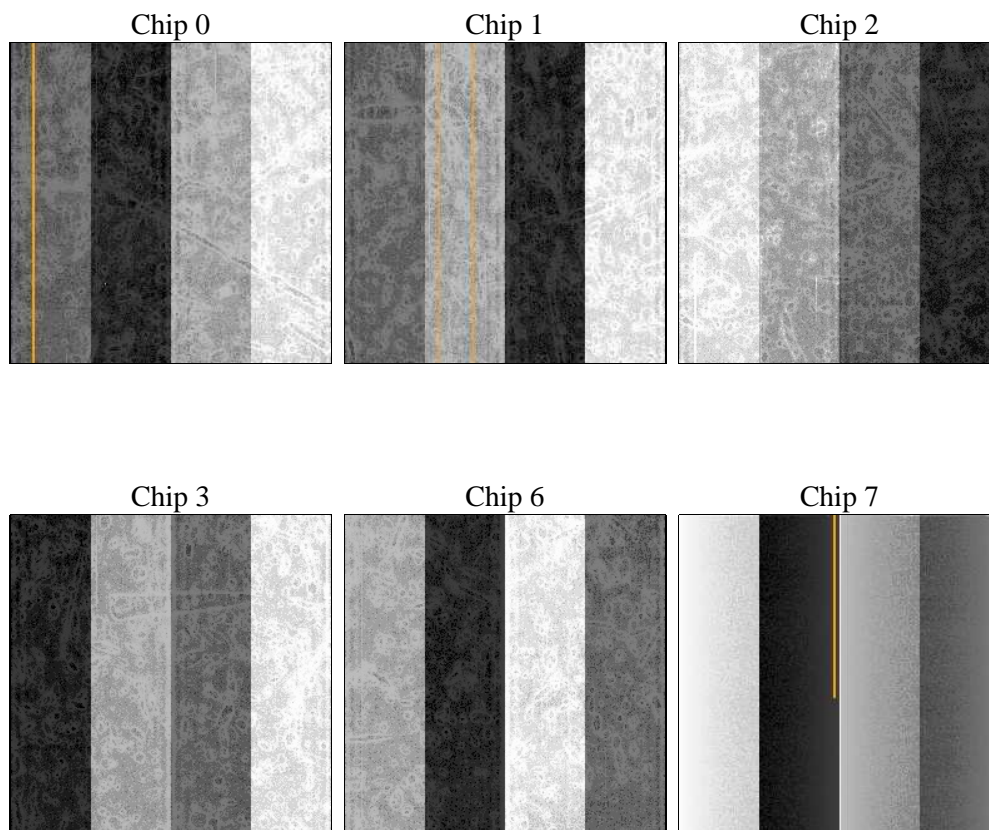
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	8467.0361754894	Sum of GTIs [s]
caldbver	4.5.2	 	ontime0	4219.8196977377	Sum of GTIs [s]
date	2012-10-17T10:39:06	Date and time of file creation	ontime1	4287.8800123334	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	4015.6371487677	Sum of GTIs [s]
			ontime3	4101.4923084676	Sum of GTIs [s]
			ontime6	4474.0017137527	Sum of GTIs [s]
			ontime7	8467.0361754894	Sum of GTIs [s]
			l1events	1552011	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	217359	222324	210211	216043	242633	443441	grade 0 events	105146	106503	102153	105083	115621	100691
rejected events	27258	28427	28490	29087	30579	44034		48%	47%	48%	48%	47%	22%
rejected %	12%	12%	13%	13%	12%	9%	grade 1 events	619	505	581	630	539	283
								0%	0%	0%	0%	0%	0%
							grade 2 events	33163	34342	30435	31724	36647	87558
								15%	15%	14%	14%	15%	19%
							grade 3 events	12161	12244	11808	12225	13178	40587
								5%	5%	5%	5%	5%	9%
							grade 4 events	12150	12208	11908	12195	13188	40055
								5%	5%	5%	5%	5%	9%
							grade 5 events	1975	1990	1866	2047	2298	8579
								0%	0%	0%	0%	0%	1%
							grade 6 events	27481	28600	25417	25886	33570	130667
								12%	12%	12%	11%	13%	29%
							grade 7 events	24664	25932	26043	26253	27592	35021
								11%	11%	12%	12%	11%	7%

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	294.0207261150179
[deg] Pointing Dec	0	-37.02332391160996
[deg] Pointing Roll	0.0	272.5397141817191
[mm] SIM focus pos	-0.782348	-0.6828225247311905
[mm] SIM defocus	0	0.8505141146731063
[mm] SIM translation stage pos	-233.592463	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	153099177.247415	153099176.2227
Observation start date	2002-11-07T23:32:57	2002-11-07T23:32:56
[s] Observation end time (MET)	153121040.498324	153121039.47361
Observation end date	2002-11-08T05:37:20	2002-11-08T05:37:19
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)	2012.10.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4670361754894

A.2 Comments