

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60609 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 2 2012

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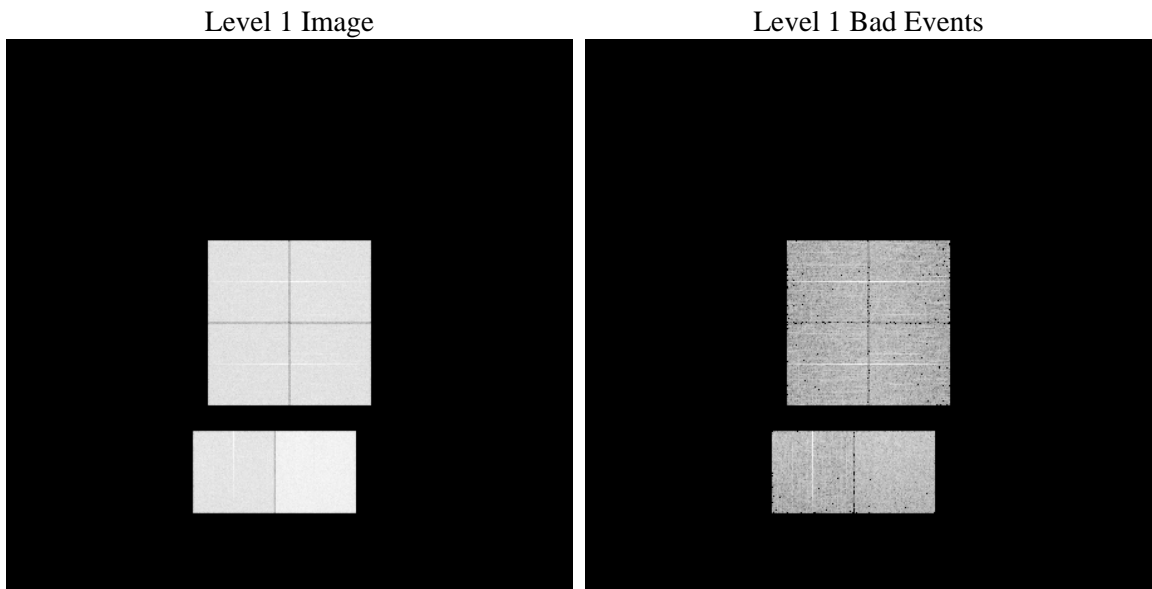
1 Front

seq_num	 	Sequence number
obs_id	60609	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	283.53125274079	Nominal RA [deg]
dec_nom	-34.612572256886	Nominal Dec [deg]
roll_nom	301.08519761867	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8454.3999685049	Sum of GTIs [s]
livetime	8347.3452654752	Livetime [s]
ontime0	5067.5809814334	Sum of GTIs [s]
ontime1	5145.3658913076	Sum of GTIs [s]
ontime2	4818.9396669567	Sum of GTIs [s]
ontime3	4937.9424089491	Sum of GTIs [s]
ontime6	5344.020780772	Sum of GTIs [s]
ontime7	8454.3999685049	Sum of GTIs [s]
l2events	1264372	Number of level 2 events

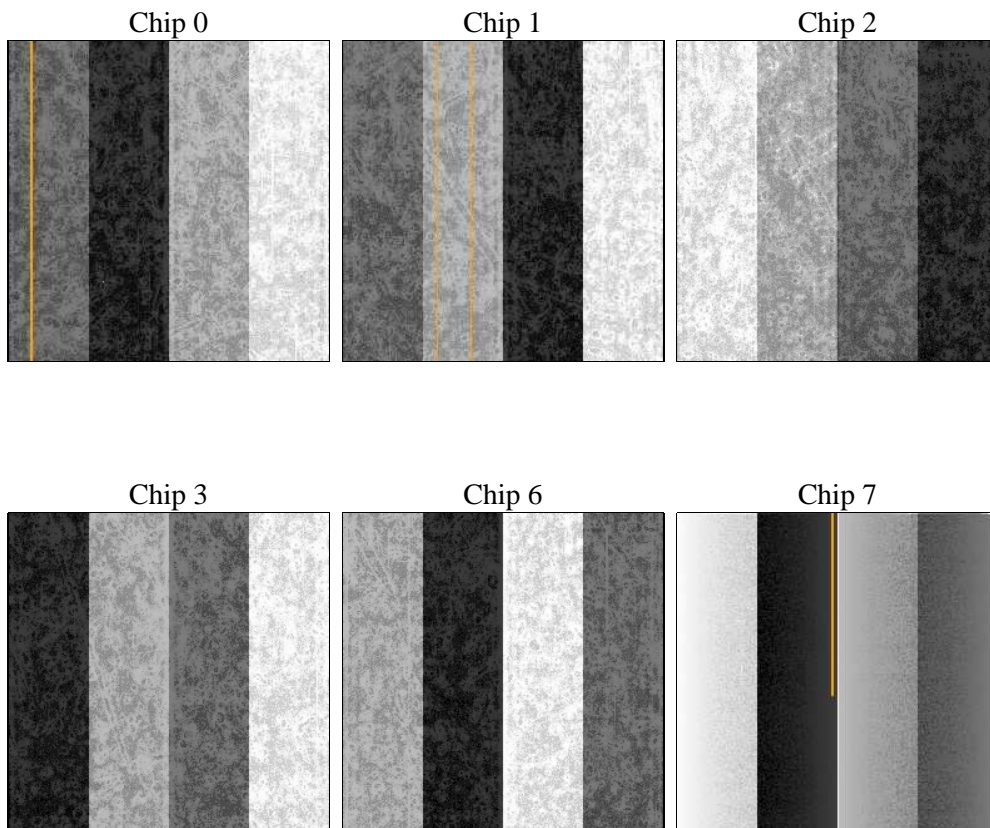
2 OBI

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	8454.3999685049	Sum of GTIs [s]
caldbver	4.5.2	 	ontime0	5067.5809814334	Sum of GTIs [s]
date	2012-11-01T23:51:13	Date and time of file creation	ontime1	5145.3658913076	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	4818.9396669567	Sum of GTIs [s]
			ontime3	4937.9424089491	Sum of GTIs [s]
			ontime6	5344.020780772	Sum of GTIs [s]
			ontime7	8454.3999685049	Sum of GTIs [s]
			l1events	1539280	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	225561	232211	219898	226027	250665	384918	grade 0 events	106847	108645	105001	108681	115814	83381
rejected events	32467	33954	34151	34474	36811	44346		47%	46%	47%	48%	46%	21%
rejected %	14%	14%	15%	15%	14%	11%	grade 1 events	547	495	628	650	525	214
								0%	0%	0%	0%	0%	0%
							grade 2 events	33064	35418	30197	31878	36843	74901
								14%	15%	13%	14%	14%	19%
							grade 3 events	12317	12323	12282	12417	13168	33668
								5%	5%	5%	5%	5%	8%
							grade 4 events	12266	12236	12208	12235	13135	32954
								5%	5%	5%	5%	5%	8%
							grade 5 events	2287	2196	2019	2324	2442	8254
								1%	0%	0%	1%	0%	2%
							grade 6 events	28600	29635	26059	26342	34894	115668
								12%	12%	11%	11%	13%	30%
							grade 7 events	29633	31263	31504	31500	33844	35878
								13%	13%	14%	13%	13%	9%

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	283.5312527407863
[deg] Pointing Dec	0	-34.61257225688642
[deg] Pointing Roll	0.0	301.0851976186727
[mm] SIM focus pos	-0.782348	-0.7809083437167272
[mm] SIM defocus	0	0.7524282956875696
[mm] SIM translation stage pos	-233.592463	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	175713363.69996	175713362.67522
Observation start date	2003-07-27T17:16:04	2003-07-27T17:16:02
[s] Observation end time (MET)	175737340.500984	175737339.47624
Observation end date	2003-07-27T23:55:41	2003-07-27T23:55:39
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)	2012.12.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4543999685049

A.2 Comments