

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60670 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 31 2012

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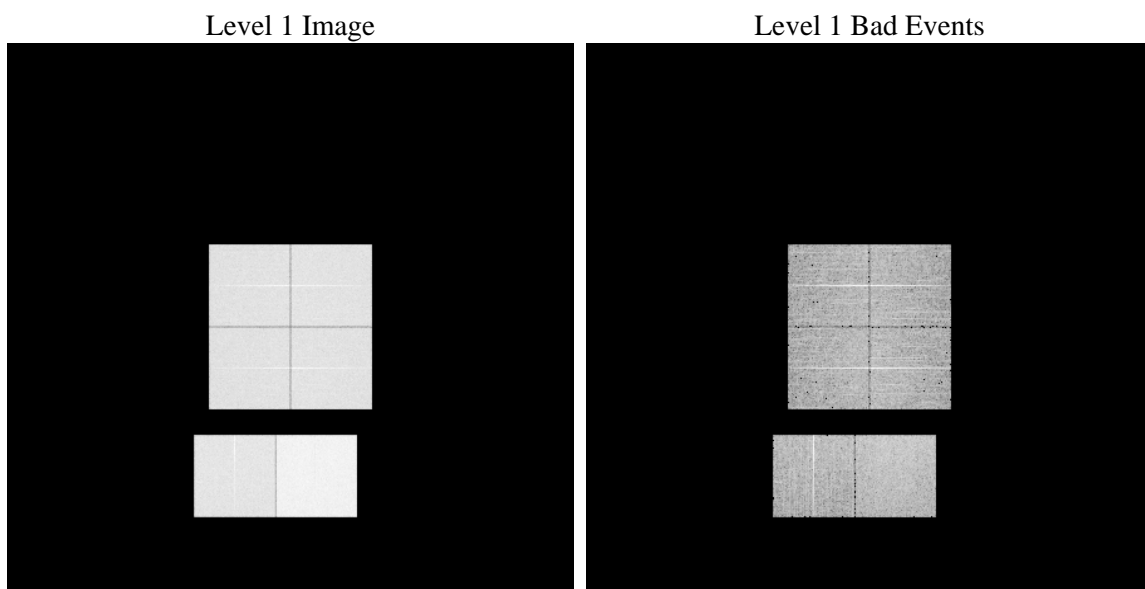
1 Front

seq_num	 	Sequence number
obs_id	60670	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	137.18867345572	Nominal RA [deg]
dec_nom	-25.026703503587	Nominal Dec [deg]
roll_nom	216.11109249888	Nominal Roll [deg]
revision	3	Processing version of data
ontime	11263.999958038	Sum of GTIs [s]
livetime	11121.368408203	Livetime [s]
ontime0	6613.8701709509	Sum of GTIs [s]
ontime1	6878.9747496843	Sum of GTIs [s]
ontime2	6363.6599637866	Sum of GTIs [s]
ontime3	6574.324593842	Sum of GTIs [s]
ontime6	7005.374303937	Sum of GTIs [s]
ontime7	11263.999958038	Sum of GTIs [s]
l2events	1696345	Number of level 2 events

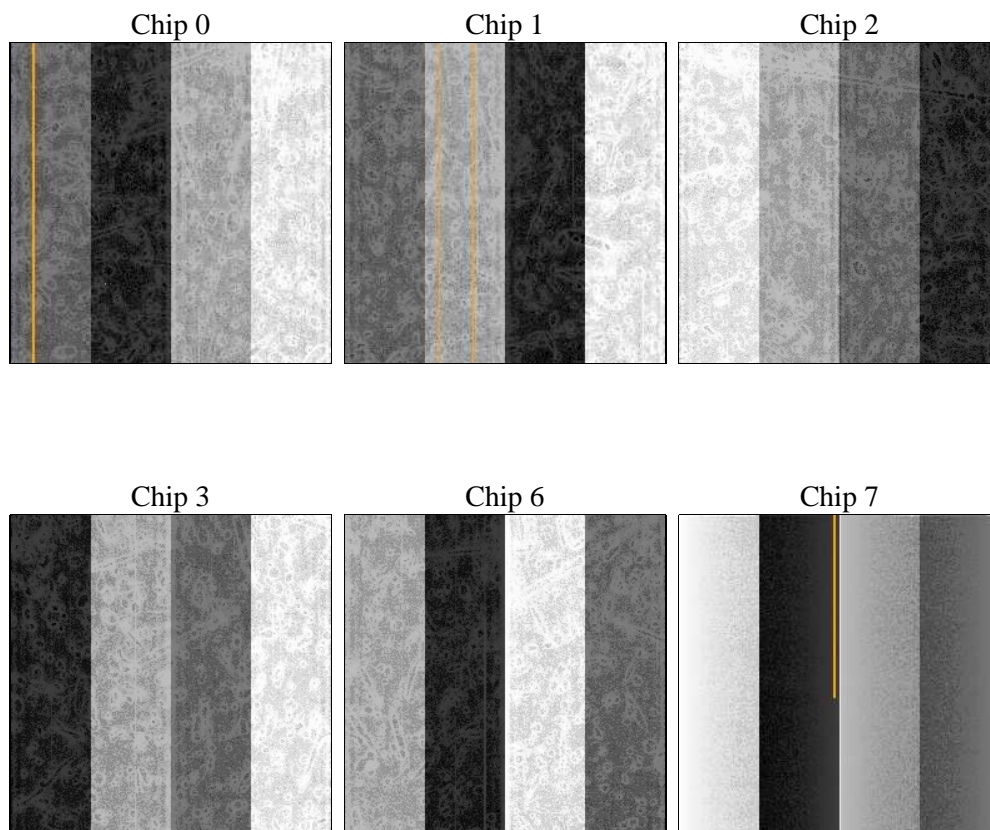
2 OBI

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	11263.999958038	Sum of GTIs [s]
caldbver	4.5.2	 	ontime0	6613.8701709509	Sum of GTIs [s]
date	2012-10-31T09:21:53	Date and time of file creation	ontime1	6878.9747496843	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	6363.6599637866	Sum of GTIs [s]
			ontime3	6574.324593842	Sum of GTIs [s]
			ontime6	7005.374303937	Sum of GTIs [s]
			ontime7	11263.999958038	Sum of GTIs [s]
			l1events	2042873	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	296004	307094	291133	301031	329949	517662	grade 0 events	140842	145970	140261	144784	154306	115162
rejected events	40307	41208	40609	43324	45306	57110		47%	47%	48%	48%	46%	22%
rejected %	13%	13%	13%	14%	13%	11%	grade 1 events	744	690	760	792	728	311
								0%	0%	0%	0%	0%	0%
							grade 2 events	44618	47049	42153	43904	49021	101960
								15%	15%	14%	14%	14%	19%
							grade 3 events	16400	16650	16161	16691	17777	46517
								5%	5%	5%	5%	5%	8%
							grade 4 events	16652	16905	16410	16893	17724	45845
								5%	5%	5%	5%	5%	8%
							grade 5 events	2924	2878	2726	3032	3255	10909
								0%	0%	0%	1%	0%	2%
							grade 6 events	37185	39312	35539	35435	45815	151068
								12%	12%	12%	11%	13%	29%
							grade 7 events	36639	37640	37123	39500	41323	45890
								12%	12%	12%	13%	12%	8%

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	137.1886734557199
[deg] Pointing Dec	0	-25.02670350358729
[deg] Pointing Roll	0.0	216.1110924988849
[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)	173846137.520367	173846136.49566
Observation start date	2003-07-06T02:35:38	2003-07-06T02:35:36
[s] Observation end time (MET)	173887147.772113	173887146.74741
Observation end date	2003-07-06T13:59:08	2003-07-06T13:59:06
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	11.263999958038

A.2 Comments