

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61139 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 10 2012

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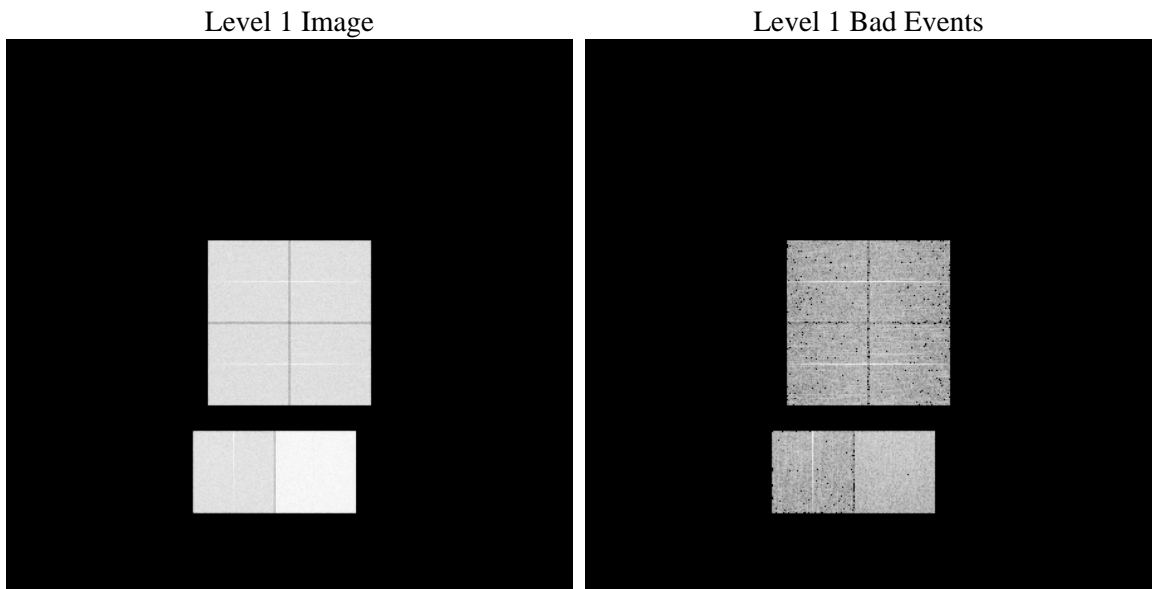
1 Front

seq_num	 	Sequence number
obs_id	61139	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	290.00649926331	Nominal RA [deg]
dec_nom	-29.471944820292	Nominal Dec [deg]
roll_nom	45.74208147514	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8443.7660560906	Sum of GTIs [s]
livetime	8336.8460060629	Livetime [s]
ontime0	3757.2748081088	Sum of GTIs [s]
ontime1	3844.740582794	Sum of GTIs [s]
ontime2	3634.0336763561	Sum of GTIs [s]
ontime3	3659.1270557344	Sum of GTIs [s]
ontime6	4026.154959023	Sum of GTIs [s]
ontime7	8443.7660560906	Sum of GTIs [s]
l2events	1308947	Number of level 2 events

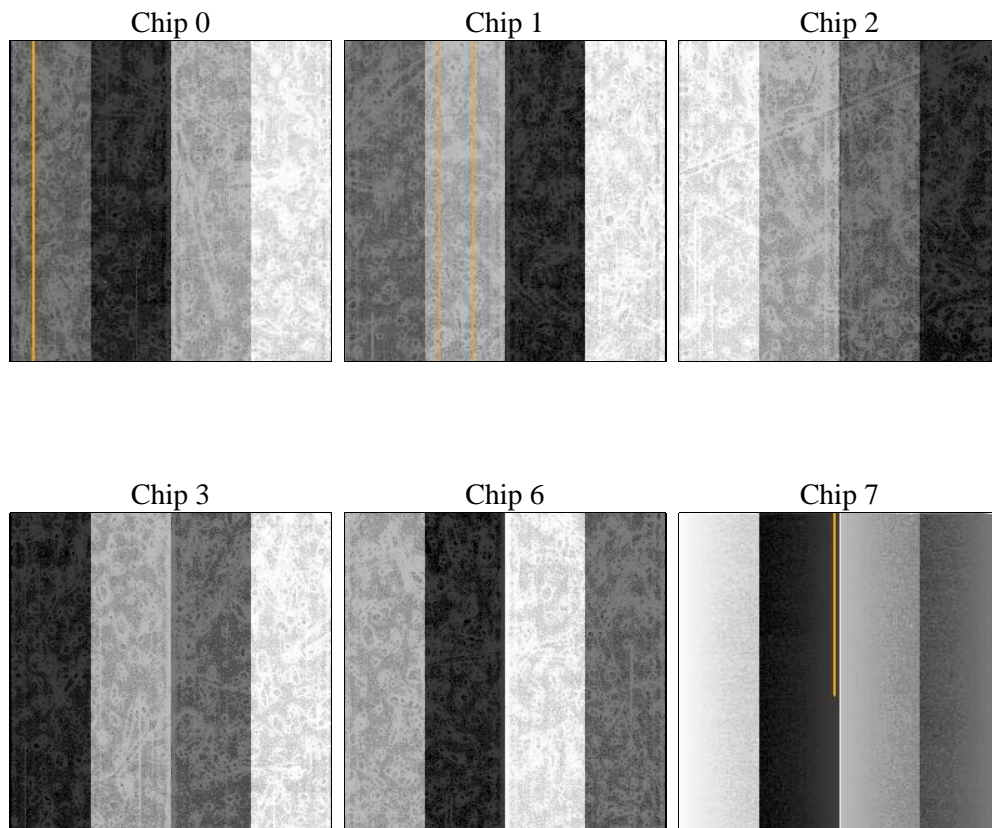
2 OBI

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	8443.7660560906	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	3757.2748081088	Sum of GTIs [s]
date	2012-10-10T10:09:33	Date and time of file creation	ontime1	3844.740582794	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	3634.0336763561	Sum of GTIs [s]
			ontime3	3659.1270557344	Sum of GTIs [s]
			ontime6	4026.154959023	Sum of GTIs [s]
			ontime7	8443.7660560906	Sum of GTIs [s]
			l1events	1555689	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	209871	215124	206237	209513	235144	479800	grade 0 events	100669	103025	98663	100711	112074	108539
rejected events	27411	27572	28348	29341	29984	47790		47%	47%	47%	48%	47%	22%
rejected %	13%	12%	13%	14%	12%	9%	grade 1 events	547	559	526	540	582	296
								0%	0%	0%	0%	0%	0%
							grade 2 events	32394	33412	31538	31598	35504	95253
								15%	15%	15%	15%	15%	19%
							grade 3 events	11668	12155	11130	11407	12503	43535
								5%	5%	5%	5%	5%	9%
							grade 4 events	11524	11996	11364	11496	12790	43120
								5%	5%	5%	5%	5%	8%
							grade 5 events	1868	1972	1782	1893	2183	9259
								0%	0%	0%	0%	0%	1%
							grade 6 events	26818	27430	25684	25304	32806	142401
								12%	12%	12%	12%	13%	29%
							grade 7 events	24383	24575	25550	26564	26702	37397
								11%	11%	12%	12%	11%	7%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	290.006499263309	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-29.47194482029216	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	45.74208147514			
[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)	142129850.244	142129849.21967			
Observation start date	2002-07-04T00:30:50	2002-07-04T00:30:49			
[s] Observation end time (MET)	142151900.045	142151899.02058			
Observation end date	2002-07-04T06:38:20	2002-07-04T06:38:19			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.10.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4437660560906

A.2 Comments