

V&V Reference Report

L2 ASCDS Version : 8.5

Observation 60064 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 8 2012

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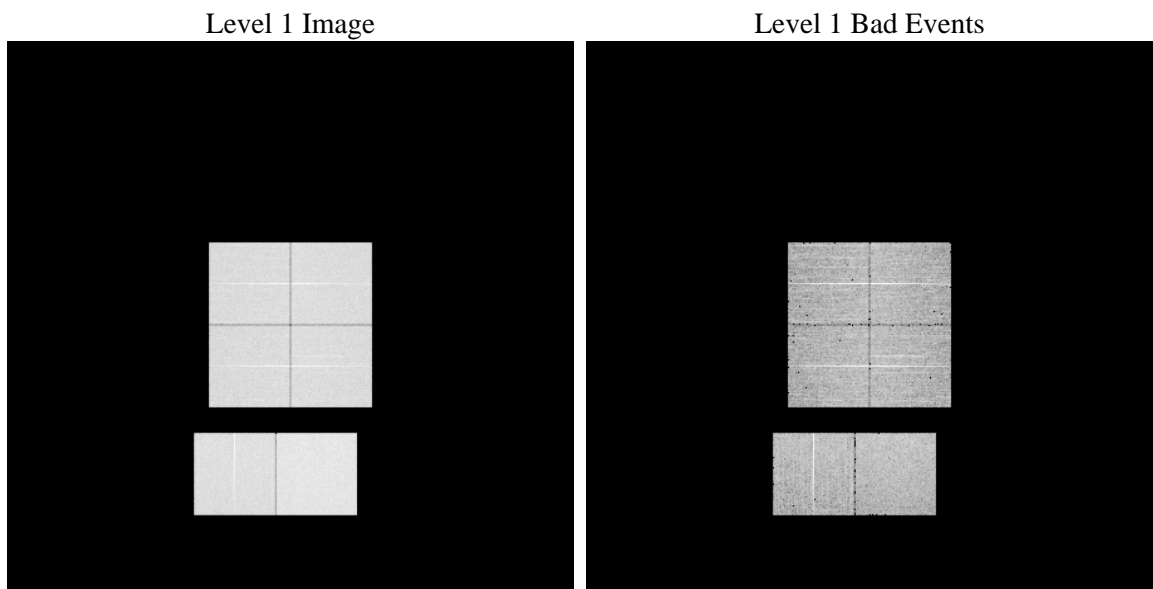
1 Front

seq_num	 	Sequence number
obs_id	60064	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	342.96868890241	Nominal RA [deg]
dec_nom	14.982498387772	Nominal Dec [deg]
roll_nom	193.75135958508	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7801.0519794226	Sum of GTIs [s]
livetime	7702.2703620296	Livetime [s]
ontime0	5934.2133653462	Sum of GTIs [s]
ontime1	6112.4259989262	Sum of GTIs [s]
ontime2	5713.7441503704	Sum of GTIs [s]
ontime3	5911.6081614792	Sum of GTIs [s]
ontime6	6355.4162510335	Sum of GTIs [s]
ontime7	7801.0519794226	Sum of GTIs [s]
l2events	1083359	Number of level 2 events

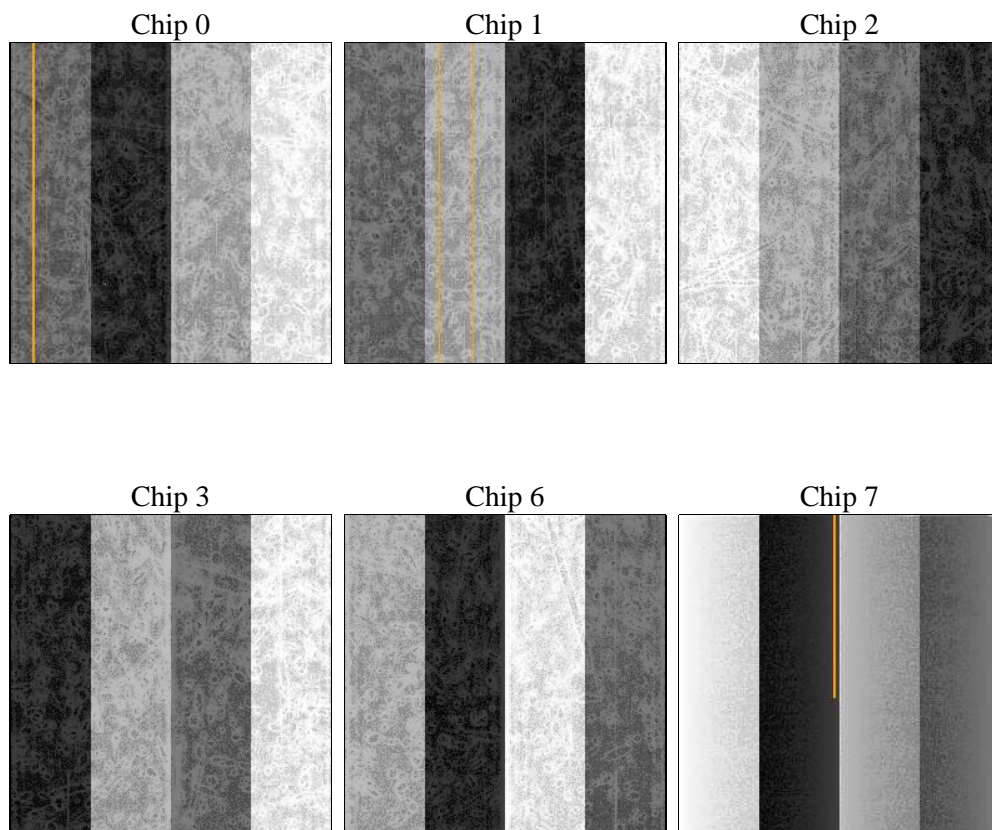
2 OBI

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	8.5	Processing system revision	ontime	7801.0519794226	Sum of GTIs [s]
caldsver	4.5.4	 	ontime0	5934.2133653462	Sum of GTIs [s]
date	2012-12-08T23:42:11	Date and time of file creation	ontime1	6112.4259989262	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	5713.7441503704	Sum of GTIs [s]
			ontime3	5911.6081614792	Sum of GTIs [s]
			ontime6	6355.4162510335	Sum of GTIs [s]
			ontime7	7801.0519794226	Sum of GTIs [s]
			l1events	1414562	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	216102	222281	211734	220304	242549	301592	grade 0 events	94895	97116	93243	97079	104482	61235
rejected events	43579	44379	44157	46384	49028	49659		43%	43%	44%	44%	43%	20%
rejected %	20%	19%	20%	21%	20%	16%	grade 1 events	559	523	663	651	607	191
								0%	0%	0%	0%	0%	0%
							grade 2 events	29880	31829	28755	29639	33640	55463
								13%	14%	13%	13%	13%	18%
							grade 3 events	11230	11405	10994	11384	12170	25393
								5%	5%	5%	5%	5%	8%
							grade 4 events	11217	11223	10936	11491	11969	24929
								5%	5%	5%	5%	4%	8%
							grade 5 events	2791	2958	2626	2969	3188	8950
								1%	1%	1%	1%	1%	2%
							grade 6 events	25301	26329	23649	24327	31260	84913
								11%	11%	11%	11%	12%	28%
							grade 7 events	40229	40898	40868	42764	45233	40518
								18%	18%	19%	19%	18%	13%

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	342.9686889024069	Alternating exposures requested	N	N
[deg] Pointing Dec	0	14.98249838777183	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	193.7513595850784			
[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)	211093222.596148	211093221.57117			
Observation start date	2004-09-09T05:00:23	2004-09-09T05:00:21			
[s] Observation end time (MET)	211107664.846791	211107663.82181			
Observation end date	2004-09-09T09:01:05	2004-09-09T09:01:03			
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)	2012.12.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.8010519794226

A.2 Comments