

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61049 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 13 2012

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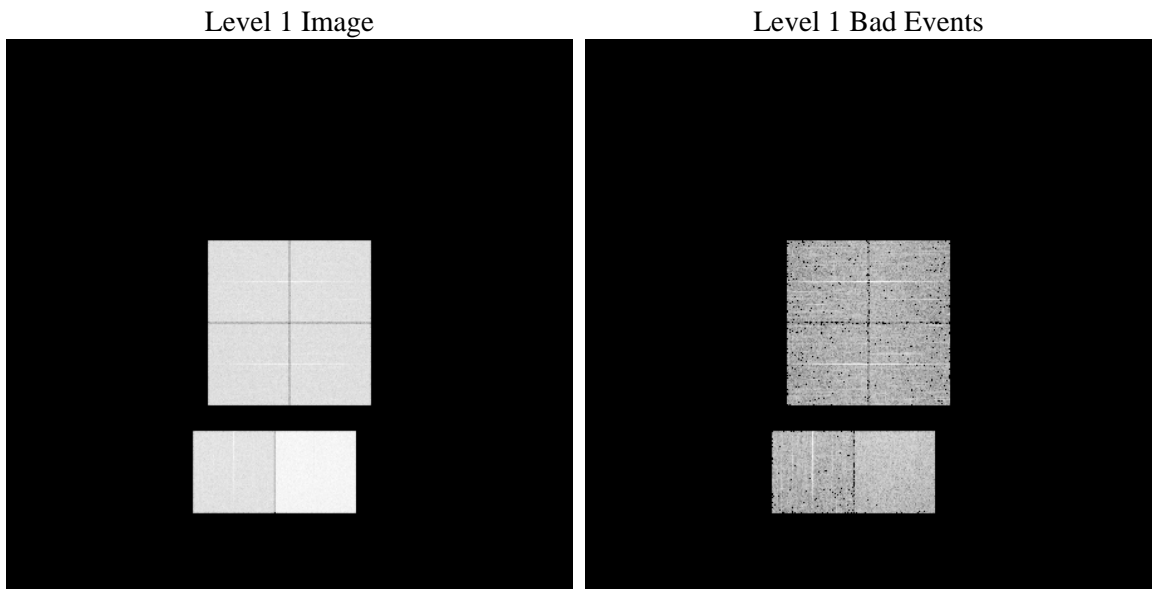
1 Front

seq_num	 	Sequence number
obs_id	61049	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	319.46548985857	Nominal RA [deg]
dec_nom	-64.297703382589	Nominal Dec [deg]
roll_nom	332.00294332839	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7797.52928707	Sum of GTIs [s]
livetime	7698.7922761287	Livetime [s]
ontime0	3691.1750513315	Sum of GTIs [s]
ontime1	3740.148920536	Sum of GTIs [s]
ontime2	3477.6281386018	Sum of GTIs [s]
ontime3	3577.8222768903	Sum of GTIs [s]
ontime6	3872.5476100445	Sum of GTIs [s]
ontime7	7797.52928707	Sum of GTIs [s]
l2events	1216597	Number of level 2 events

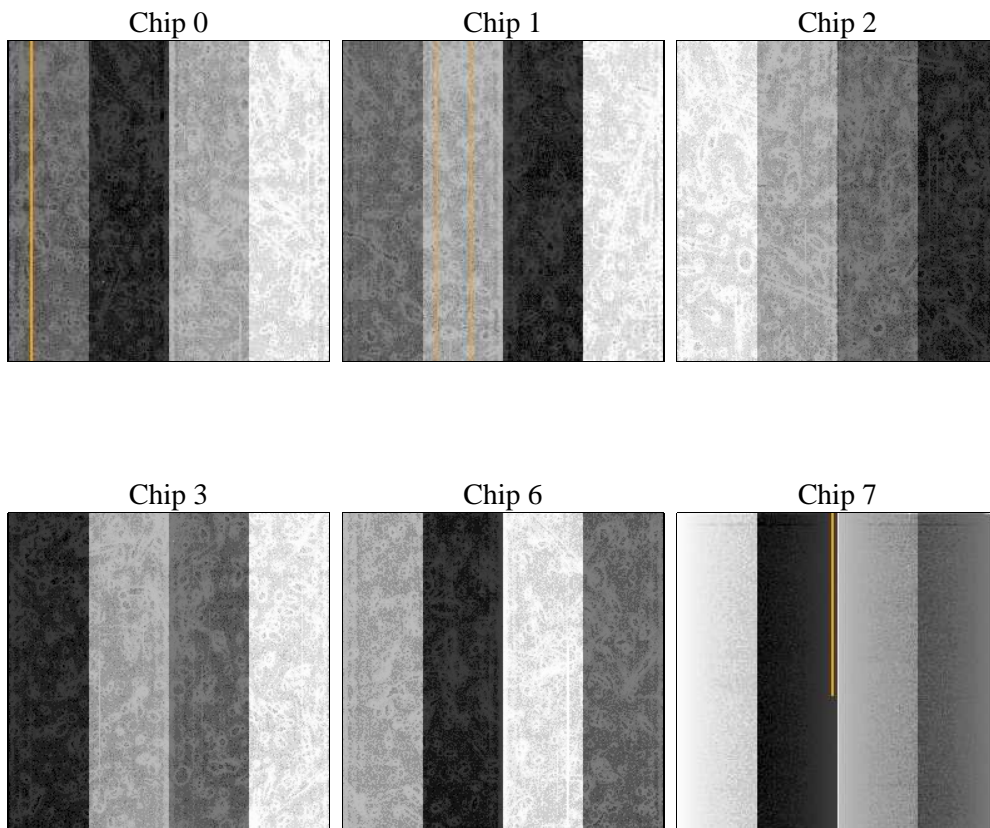
2 OBI

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	7797.52928707	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	3691.1750513315	Sum of GTIs [s]
date	2012-10-13T05:26:31	Date and time of file creation	ontime1	3740.148920536	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	3477.6281386018	Sum of GTIs [s]
			ontime3	3577.8222768903	Sum of GTIs [s]
			ontime6	3872.5476100445	Sum of GTIs [s]
			ontime7	7797.52928707	Sum of GTIs [s]
			l1events	1434926	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	198642	201247	190340	197200	220766	426731	grade 0 events	96247	97405	92955	96559	105321	98114
rejected events	24238	24138	24109	25110	27815	40265		48%	48%	48%	48%	47%	22%
rejected %	12%	11%	12%	12%	12%	9%	grade 1 events	527	462	548	630	514	240
								0%	0%	0%	0%	0%	0%
							grade 2 events	30215	31319	28352	29266	32955	84883
								15%	15%	14%	14%	14%	19%
							grade 3 events	11175	11283	10705	11223	11975	38826
								5%	5%	5%	5%	5%	9%
							grade 4 events	11255	11286	10813	11166	12024	38905
								5%	5%	5%	5%	5%	9%
							grade 5 events	1777	1761	1640	1825	2030	8023
								0%	0%	0%	0%	0%	1%
							grade 6 events	25512	25816	23406	23876	30676	125738
								12%	12%	12%	12%	13%	29%
							grade 7 events	21934	21915	21921	22655	25271	32002
								11%	10%	11%	11%	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	319.4654898585712
[deg] Pointing Dec	0	-64.29770338258915
[deg] Pointing Roll	0.0	332.0029433283853
[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)	147576493.418542	147576492.39383
Observation start date	2002-09-05T01:28:13	2002-09-05T01:28:12
[s] Observation end time (MET)	147587721.269005	147587720.2443
Observation end date	2002-09-05T04:35:21	2002-09-05T04:35:20
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	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.10.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.79752928707

A.2 Comments