

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60473 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 8 2012

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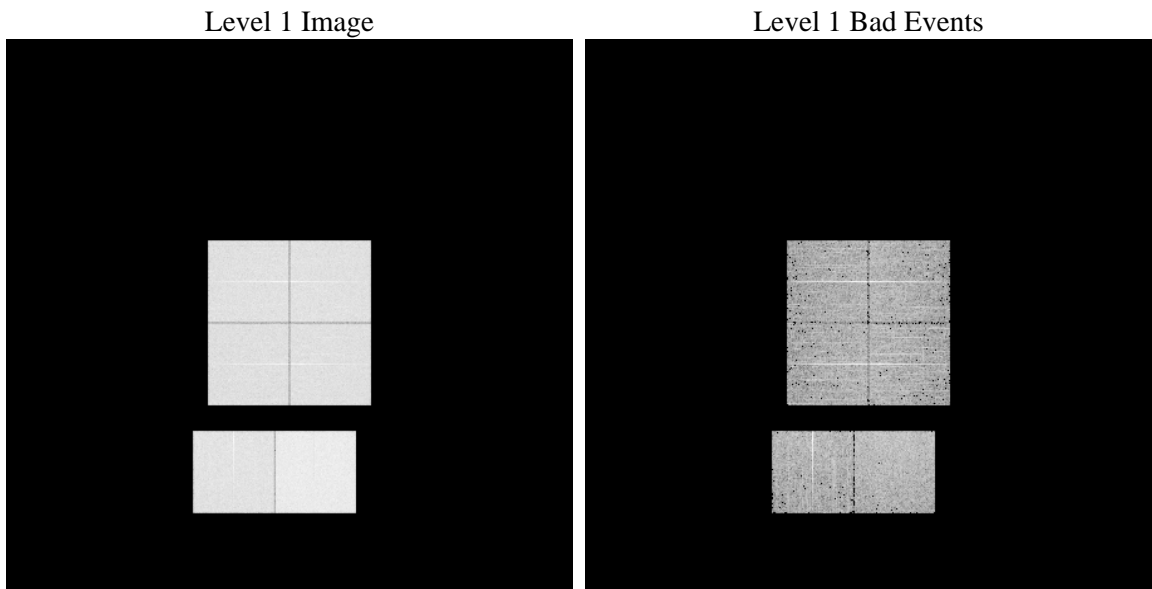
1 Front

seq_num	 	Sequence number
obs_id	60473	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	31.989788667171	Nominal RA [deg]
dec_nom	50.97211639974	Nominal Dec [deg]
roll_nom	224.1696133236	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8364.7999688387	Sum of GTIs [s]
livetime	8258.8798349554	Livetime [s]
ontime0	5992.4111800194	Sum of GTIs [s]
ontime1	5972.9651402533	Sum of GTIs [s]
ontime2	5554.8795074522	Sum of GTIs [s]
ontime3	5710.4458011091	Sum of GTIs [s]
ontime6	6102.604190439	Sum of GTIs [s]
ontime7	8364.7999688387	Sum of GTIs [s]
l2events	1275040	Number of level 2 events

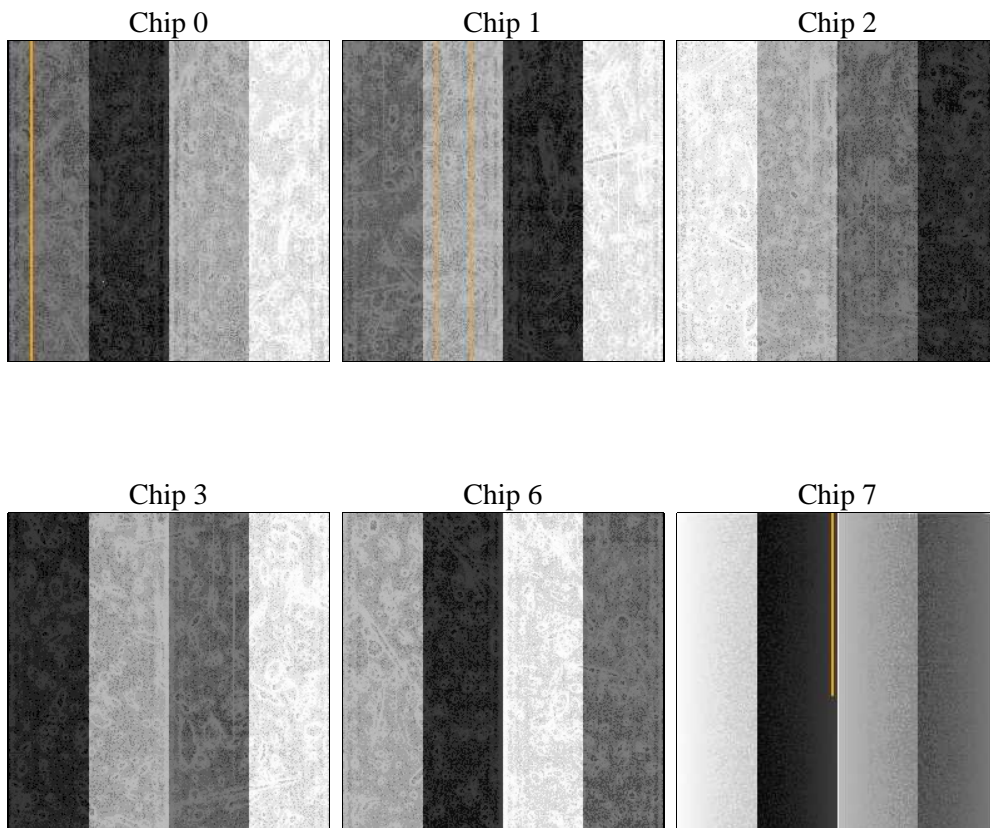
2 OBI

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	8364.7999688387	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	5992.4111800194	Sum of GTIs [s]
date	2012-11-08T09:22:54	Date and time of file creation	ontime1	5972.9651402533	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	5554.8795074522	Sum of GTIs [s]
			ontime3	5710.4458011091	Sum of GTIs [s]
			ontime6	6102.604190439	Sum of GTIs [s]
			ontime7	8364.7999688387	Sum of GTIs [s]
			l1events	1520424	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	235982	237395	224798	231304	253329	337616	grade 0 events	115078	114334	110335	113297	120774	75520
rejected events	27902	29379	29204	30307	31184	35916		48%	48%	49%	48%	47%	22%
rejected %	11%	12%	12%	13%	12%	10%	grade 1 events	483	454	526	559	500	194
								0%	0%	0%	0%	0%	0%
							grade 2 events	36245	36742	32866	33964	38345	66466
								15%	15%	14%	14%	15%	19%
							grade 3 events	13452	13174	12728	13062	13883	30514
								5%	5%	5%	5%	5%	9%
							grade 4 events	13401	13256	12619	13016	13712	30150
								5%	5%	5%	5%	5%	8%
							grade 5 events	2207	2159	1974	2241	2337	6793
								0%	0%	0%	0%	0%	2%
							grade 6 events	30015	30629	27164	27767	35538	99167
								12%	12%	12%	12%	14%	29%
							grade 7 events	25101	26647	26586	27398	28240	28812
								10%	11%	11%	11%	11%	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	31.98978866717084
[deg] Pointing Dec	0	50.97211639973984
[deg] Pointing Roll	0.0	224.1696133236004
[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)	185975938.840766	185975937.81604
Observation start date	2003-11-23T11:58:59	2003-11-23T11:58:57
[s] Observation end time (MET)	186022223.742773	186022222.71805
Observation end date	2003-11-24T00:50:24	2003-11-24T00:50:22
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.12.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.3647999688387

A.2 Comments