

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61804 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Sep 5 2012

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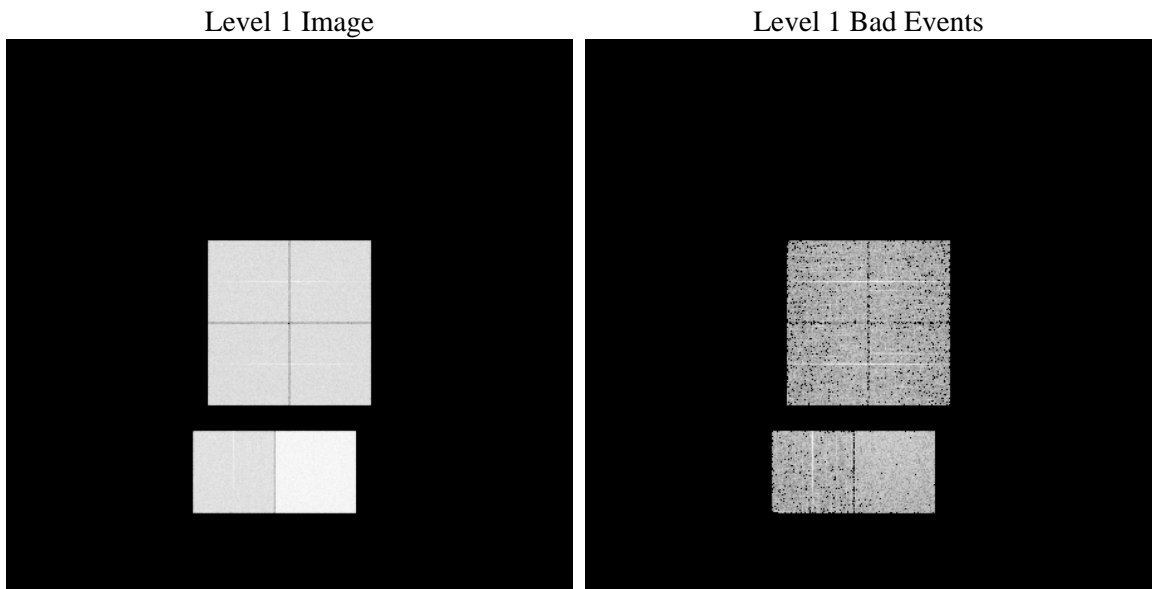
1 Front

seq_num	 	Sequence number
obs_id	61804	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	92.629486140721	Nominal RA [deg]
dec_nom	-30.586640796807	Nominal Dec [deg]
roll_nom	355.05944925078	Nominal Roll [deg]
revision	4	Processing version of data
ontime	5689.7884208411	Sum of GTIs [s]
livetime	5617.7408938771	Livetime [s]
ontime0	2459.9472204	Sum of GTIs [s]
ontime1	2484.3624721915	Sum of GTIs [s]
ontime2	2348.1983406991	Sum of GTIs [s]
ontime3	2414.572521016	Sum of GTIs [s]
ontime6	2625.2399111241	Sum of GTIs [s]
ontime7	5689.7884208411	Sum of GTIs [s]
l2events	1259030	Number of level 2 events

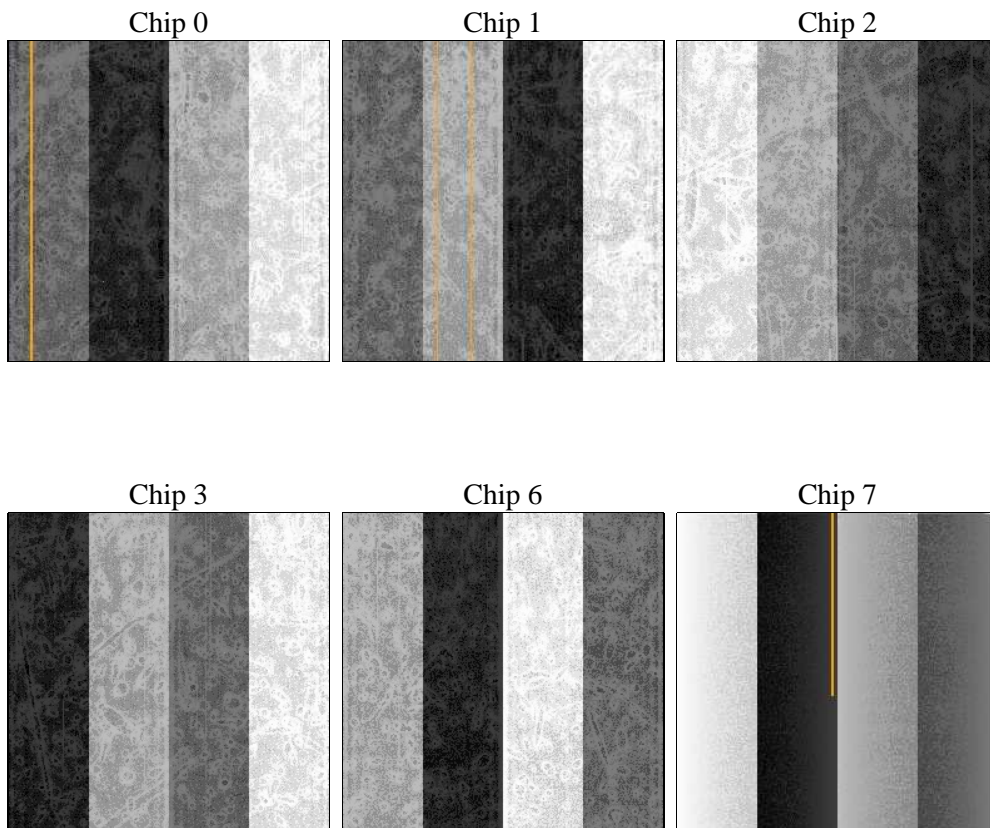
2 OBI

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	5689.7884208411	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime0	2459.9472204	Sum of GTIs [s]
date	2012-09-05T06:45:31	Date and time of file creation	ontime1	2484.3624721915	Sum of GTIs [s]
revision	4	Processing version of data	ontime2	2348.1983406991	Sum of GTIs [s]
			ontime3	2414.572521016	Sum of GTIs [s]
			ontime6	2625.2399111241	Sum of GTIs [s]
			ontime7	5689.7884208411	Sum of GTIs [s]
			l1events	1430282	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	193342	194926	187119	192294	216951	445650	grade 0 events	96283	97768	94677	97530	107910	108012
rejected events	17661	17651	17592	18050	19418	27104		49%	50%	50%	50%	49%	24%
rejected %	9%	9%	9%	9%	8%	6%	grade 1 events	499	495	473	509	517	309
								0%	0%	0%	0%	0%	0%
							grade 2 events	31273	31423	29649	30482	34190	93644
								16%	16%	15%	15%	15%	21%
							grade 3 events	11197	11117	10506	10980	12280	42682
								5%	5%	5%	5%	5%	9%
							grade 4 events	11153	11325	10585	11195	12013	42839
								5%	5%	5%	5%	5%	9%
							grade 5 events	1374	1432	1313	1293	1626	6120
								0%	0%	0%	0%	0%	1%
							grade 6 events	25775	25642	24110	24057	31140	131369
								13%	13%	12%	12%	14%	29%
							grade 7 events	15788	15724	15806	16248	17275	20675
								8%	8%	8%	8%	7%	4%

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	92.62948614072147
[deg] Pointing Dec	0	-30.58664079680661
[deg] Pointing Roll	0.0	355.0594492507787
[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)	94342281.69400001	94342280.925282
Observation start date	2000-12-27T22:11:22	2000-12-27T22:11:20
[s] Observation end time (MET)	94355672.294	94355671.525795
Observation end date	2000-12-28T01:54:32	2000-12-28T01:54:31
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)	2012.09.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.6897884208411

A.2 Comments