

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61057 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 13 2012

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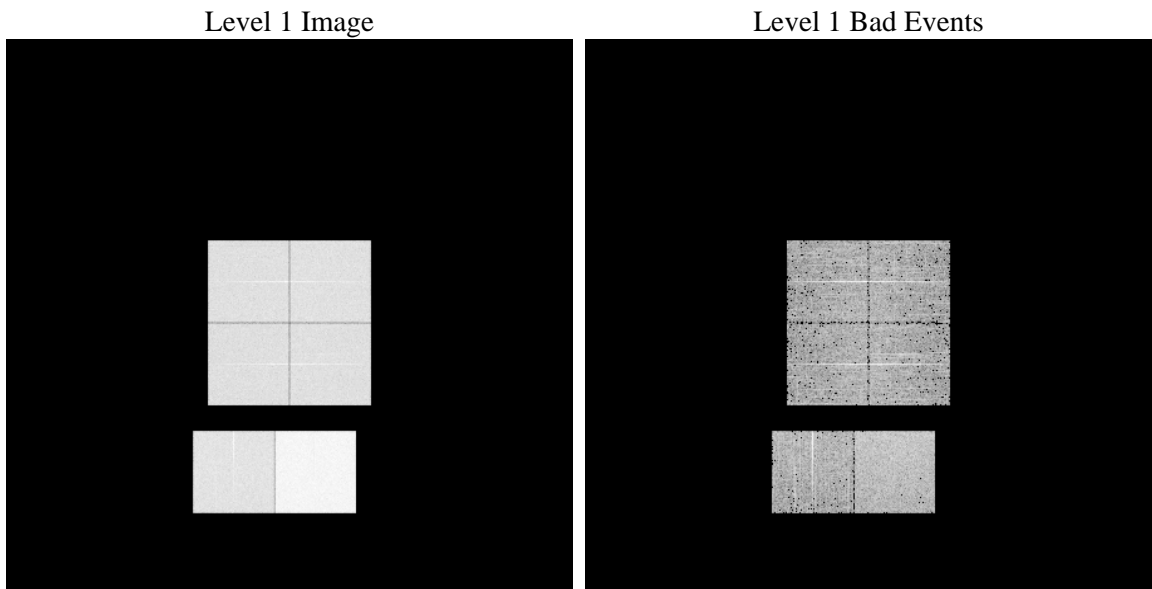
1 Front

seq_num	 	Sequence number
obs_id	61057	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	69.980587089777	Nominal RA [deg]
dec_nom	0.021031293707764	Nominal Dec [deg]
roll_nom	99.896648251285	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7795.1999709606	Sum of GTIs [s]
livetime	7696.4924552224	Livetime [s]
ontime0	3695.3713254035	Sum of GTIs [s]
ontime1	3798.4706224799	Sum of GTIs [s]
ontime2	3565.7053934336	Sum of GTIs [s]
ontime3	3617.5862558782	Sum of GTIs [s]
ontime6	3954.0548884869	Sum of GTIs [s]
ontime7	7795.1999709606	Sum of GTIs [s]
l2events	1218190	Number of level 2 events

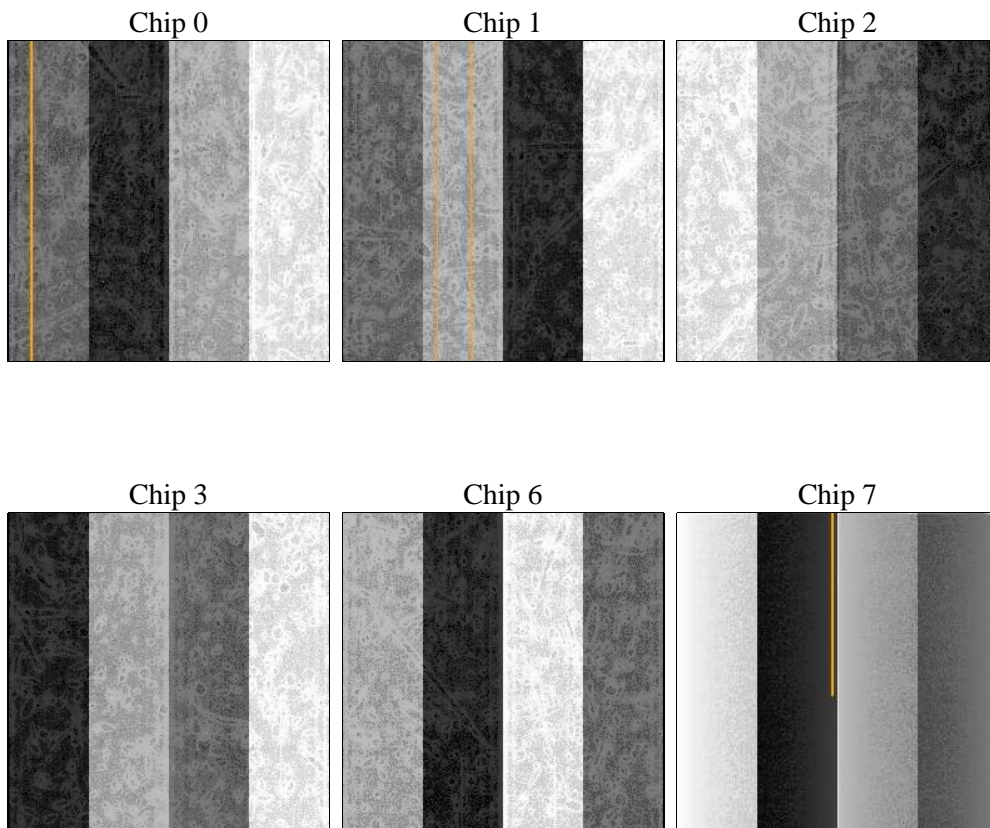
2 OBI

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	7795.1999709606	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	3695.3713254035	Sum of GTIs [s]
date	2012-10-13T01:26:39	Date and time of file creation	ontime1	3798.4706224799	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	3565.7053934336	Sum of GTIs [s]
			ontime3	3617.5862558782	Sum of GTIs [s]
			ontime6	3954.0548884869	Sum of GTIs [s]
			ontime7	7795.1999709606	Sum of GTIs [s]
			l1events	1434976	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	197489	203325	192860	197002	222989	421311	grade 0 events	95960	98672	95270	96615	106405	97762
rejected events	23919	24008	23827	24980	27696	38674		48%	48%	49%	49%	47%	23%
rejected %	12%	11%	12%	12%	12%	9%	grade 1 events	516	444	567	556	491	231
								0%	0%	0%	0%	0%	0%
							grade 2 events	30254	31752	28509	29277	34023	85058
								15%	15%	14%	14%	15%	20%
							grade 3 events	11148	11545	10960	11225	12199	38951
								5%	5%	5%	5%	5%	9%
							grade 4 events	11030	11374	11011	11412	12091	38586
								5%	5%	5%	5%	5%	9%
							grade 5 events	1682	1720	1609	1728	1933	7795
								0%	0%	0%	0%	0%	1%
							grade 6 events	25298	25974	23435	23638	30575	122455
								12%	12%	12%	11%	13%	29%
							grade 7 events	21601	21844	21499	22551	25272	30473
								10%	10%	11%	11%	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	69.98058708977665	Alternating exposures requested	N	N
[deg] Pointing Dec	0	0.02103129370776444	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	99.8966482512849			
[mm] SIM focus pos	-0.782348	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-233.592463	250.4635187648994			
[mm] SIM translation stage offset	0	-0.007540371344731511			
[s] Observation start time (MET)	146891045.140274	146891044.11555			
Observation start date	2002-08-28T03:04:05	2002-08-28T03:04:04			
[s] Observation end time (MET)	146925700.391704	146925699.36698			
Observation end date	2002-08-28T12:41:40	2002-08-28T12:41:39			
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)	2012.10.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7951999709606

A.2 Comments