

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60910 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 19 2012

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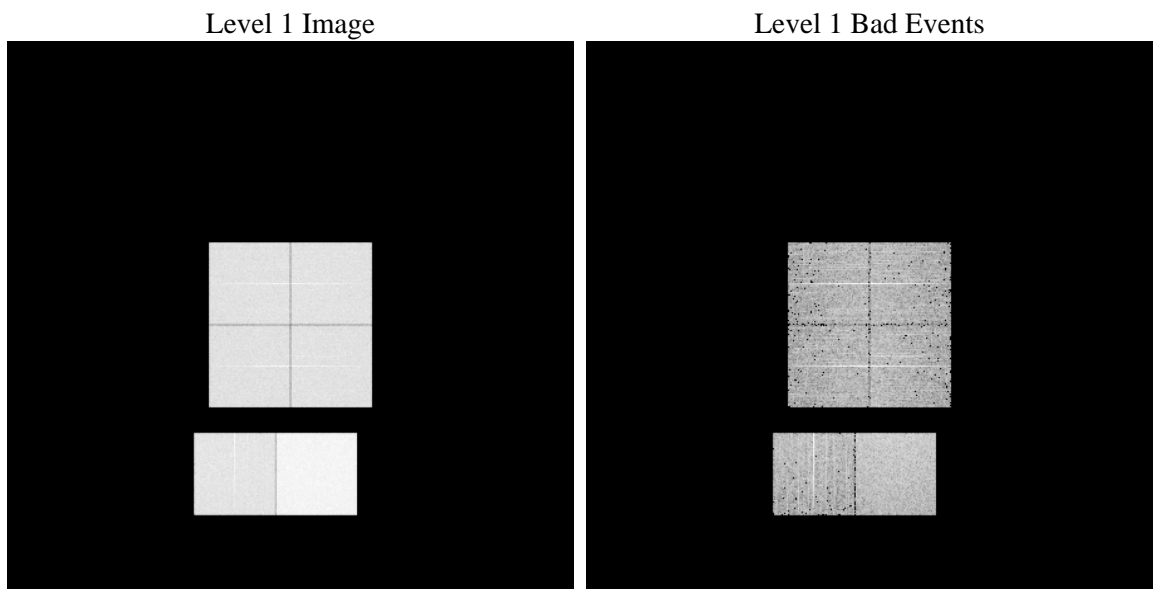
1 Front

seq_num	 	Sequence number
obs_id	60910	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	114.99738520262	Nominal RA [deg]
dec_nom	14.228472063685	Nominal Dec [deg]
roll_nom	62.209400072553	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8463.9999684691	Sum of GTIs [s]
livetime	8356.8237044595	Livetime [s]
ontime0	4469.0748181939	Sum of GTIs [s]
ontime1	4576.0689425766	Sum of GTIs [s]
ontime2	4281.1791080534	Sum of GTIs [s]
ontime3	4387.9680236876	Sum of GTIs [s]
ontime6	4694.745865643	Sum of GTIs [s]
ontime7	8463.9999684691	Sum of GTIs [s]
l2events	1303061	Number of level 2 events

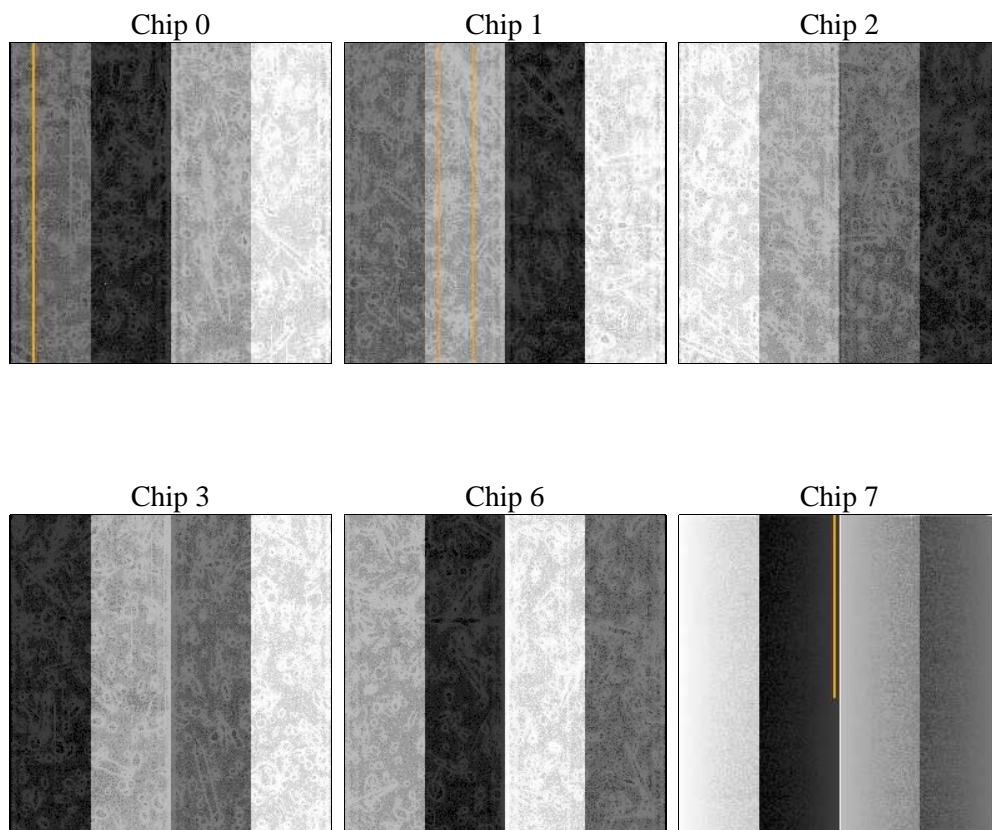
2 OBI

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	8463.9999684691	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	4469.0748181939	Sum of GTIs [s]
date	2012-10-19T16:42:05	Date and time of file creation	ontime1	4576.0689425766	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	4281.1791080534	Sum of GTIs [s]
			ontime3	4387.9680236876	Sum of GTIs [s]
			ontime6	4694.745865643	Sum of GTIs [s]
			ontime7	8463.9999684691	Sum of GTIs [s]
			l1events	1547932	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	219626	224974	214857	220461	244265	423749	grade 0 events	106478	108221	105191	108138	115947	94968
rejected events	27677	28013	27761	28964	31647	42338		48%	48%	48%	49%	47%	22%
rejected %	12%	12%	12%	13%	12%	9%	grade 1 events	564	470	610	614	550	251
								0%	0%	0%	0%	0%	0%
							grade 2 events	33449	34982	31318	32240	36376	84304
								15%	15%	14%	14%	14%	19%
							grade 3 events	12311	12525	12162	12582	13316	38448
								5%	5%	5%	5%	5%	9%
							grade 4 events	12168	12333	12125	12447	13039	37820
								5%	5%	5%	5%	5%	8%
							grade 5 events	2065	1996	1860	2071	2359	8340
								0%	0%	0%	0%	0%	1%
							grade 6 events	27543	28900	26300	26090	33940	125871
								12%	12%	12%	11%	13%	29%
							grade 7 events	25048	25547	25291	26279	28738	33747
								11%	11%	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	114.9973852026223
[deg] Pointing Dec	0	14.2284720636852
[deg] Pointing Roll	0.0	62.2094000725528
[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)	157209763.618733	157209762.59402
Observation start date	2002-12-25T13:22:44	2002-12-25T13:22:42
[s] Observation end time (MET)	157232729.769692	157232728.74498
Observation end date	2002-12-25T19:45:30	2002-12-25T19:45:28
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)	2012.11.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4639999684691

A.2 Comments