

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58344 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Apr 27 2012

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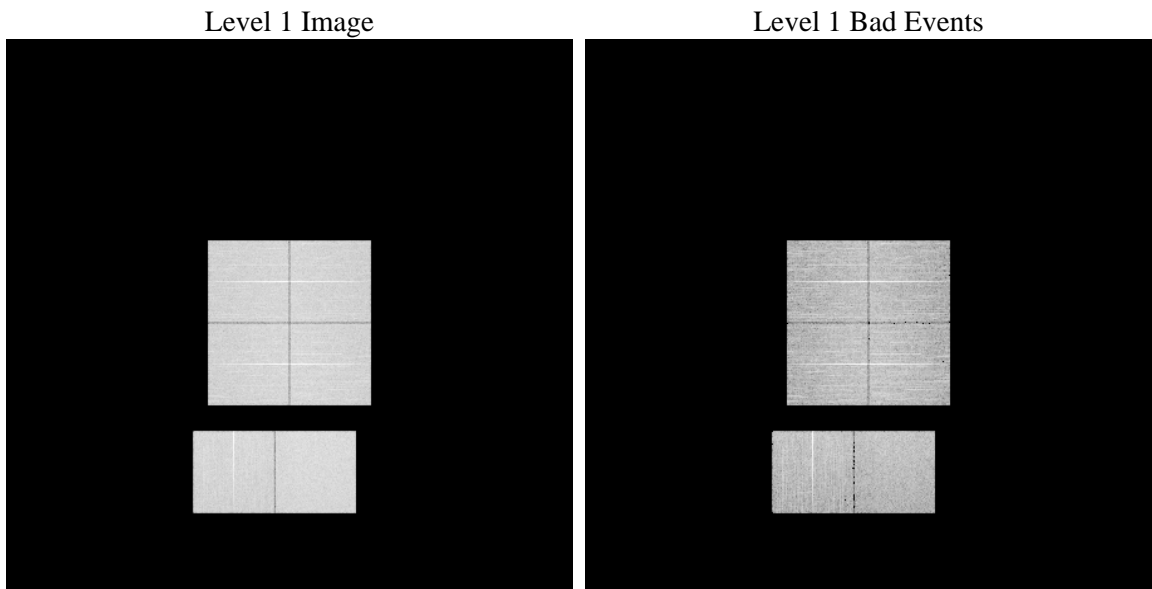
1 Front

seq_num	 	Sequence number
obs_id	58344	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	294.97153449408	Nominal RA [deg]
dec_nom	-0.99686355188499	Nominal Dec [deg]
roll_nom	140.79594691828	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7580.7999718189	Sum of GTIs [s]
livetime	7484.807317966	Livetime [s]
ontime0	7580.7999718189	Sum of GTIs [s]
ontime1	7580.7999718189	Sum of GTIs [s]
ontime2	7580.7999718189	Sum of GTIs [s]
ontime3	7580.7999718189	Sum of GTIs [s]
ontime6	7580.7999718189	Sum of GTIs [s]
ontime7	7580.7999718189	Sum of GTIs [s]
l2events	663379	Number of level 2 events

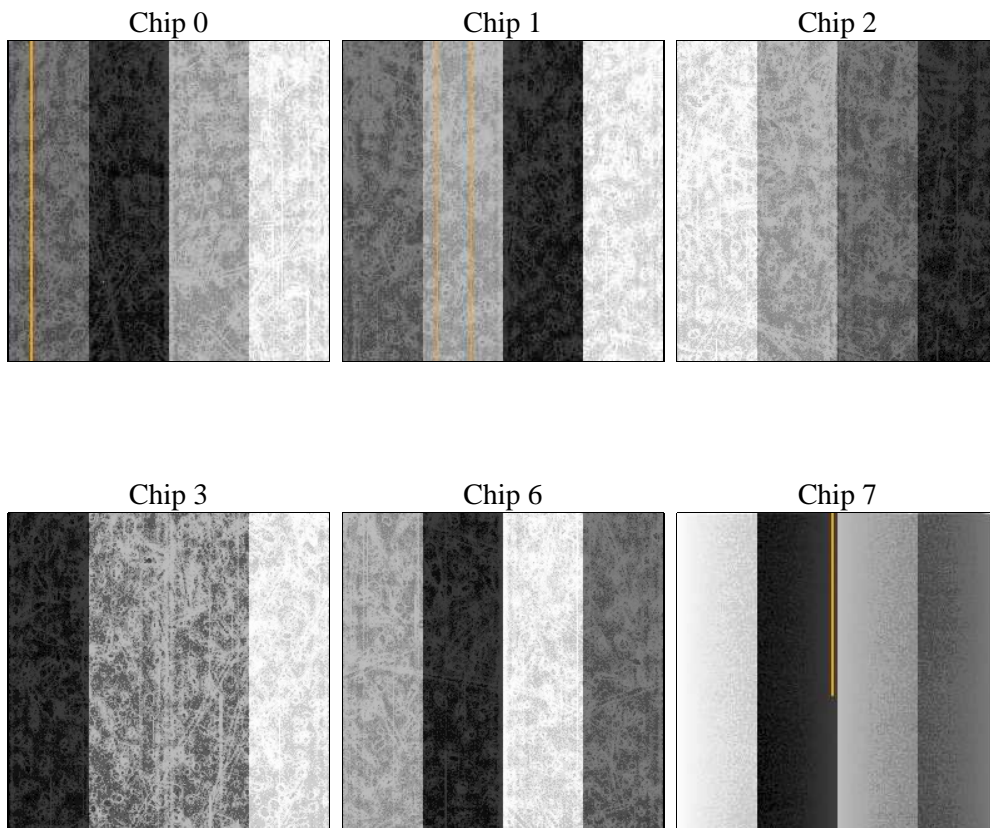
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	6360	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	7580.7999718189	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	7580.7999718189	Sum of GTIs [s]
date	2012-04-27T03:32:39	Date and time of file creation	ontime1	7580.7999718189	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	7580.7999718189	Sum of GTIs [s]
			ontime3	7580.7999718189	Sum of GTIs [s]
			ontime6	7580.7999718189	Sum of GTIs [s]
			ontime7	7580.7999718189	Sum of GTIs [s]
			l1events	1128249	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	179837	179037	184220	189039	187737	208379	grade 0 events	61416	60874	62630	63508	63129	31008
rejected events	70152	68137	73941	77549	72766	65873		34%	34%	33%	33%	33%	14%
rejected %	39%	38%	40%	41%	38%	31%	grade 1 events	436	374	479	497	390	173
								0%	0%	0%	0%	0%	0%
							grade 2 events	19845	20806	19317	19637	20680	31846
								11%	11%	10%	10%	11%	15%
							grade 3 events	7512	7529	7610	7661	7608	14037
								4%	4%	4%	4%	4%	6%
							grade 4 events	7353	7324	7680	7613	7628	14009
								4%	4%	4%	4%	4%	6%
							grade 5 events	3830	3846	3524	4145	4088	10381
								2%	2%	1%	2%	2%	4%
							grade 6 events	16710	17367	16131	16121	19239	55669
								9%	9%	8%	8%	10%	26%
							grade 7 events	62735	60917	66849	69857	64975	51256
								34%	34%	36%	36%	34%	24%

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	294.9715345801197	294.9715344940823
[deg] Pointing Dec	-0.9968632004767946	-0.9968635518849891
[deg] Pointing Roll	140.7959468974594	140.795946918275
[mm] SIM focus pos	-0.68282252473119	-0.68282252473119
[mm] SIM defocus	0.8505140384245534	0.8505140384245534
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	299276395.682658	299276395.682658
Observation start date	2007-06-26T20:44:00	2007-06-26T20:19:55
[s] Observation end time (MET)	299285912.075924	299285912.075924
Observation end date	2007-06-26T22:30:00	2007-06-26T22:58:32
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	OVERRIDE	OVERRIDE
Number of optional ACIS chips dropped	0	0
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	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.04.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.5807999718189

A.2 Comments