

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60293 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 14 2012

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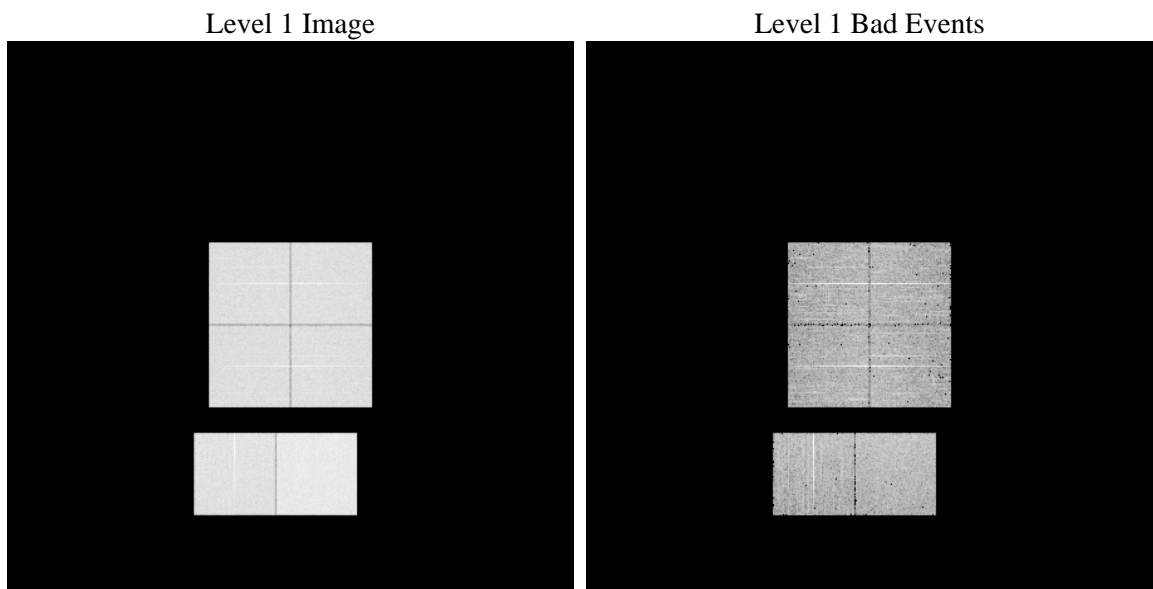
1 Front

seq_num	 	Sequence number
obs_id	60293	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	38.976587088921	Nominal RA [deg]
dec_nom	-52.0247055044	Nominal Dec [deg]
roll_nom	206.88260327633	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7804.7999709249	Sum of GTIs [s]
livetime	7705.9708942067	Livetime [s]
ontime0	5566.9188326895	Sum of GTIs [s]
ontime1	5690.1164529026	Sum of GTIs [s]
ontime2	5354.6308150887	Sum of GTIs [s]
ontime3	5583.0418532789	Sum of GTIs [s]
ontime6	6011.0542600453	Sum of GTIs [s]
ontime7	7804.7999709249	Sum of GTIs [s]
l2events	1129434	Number of level 2 events

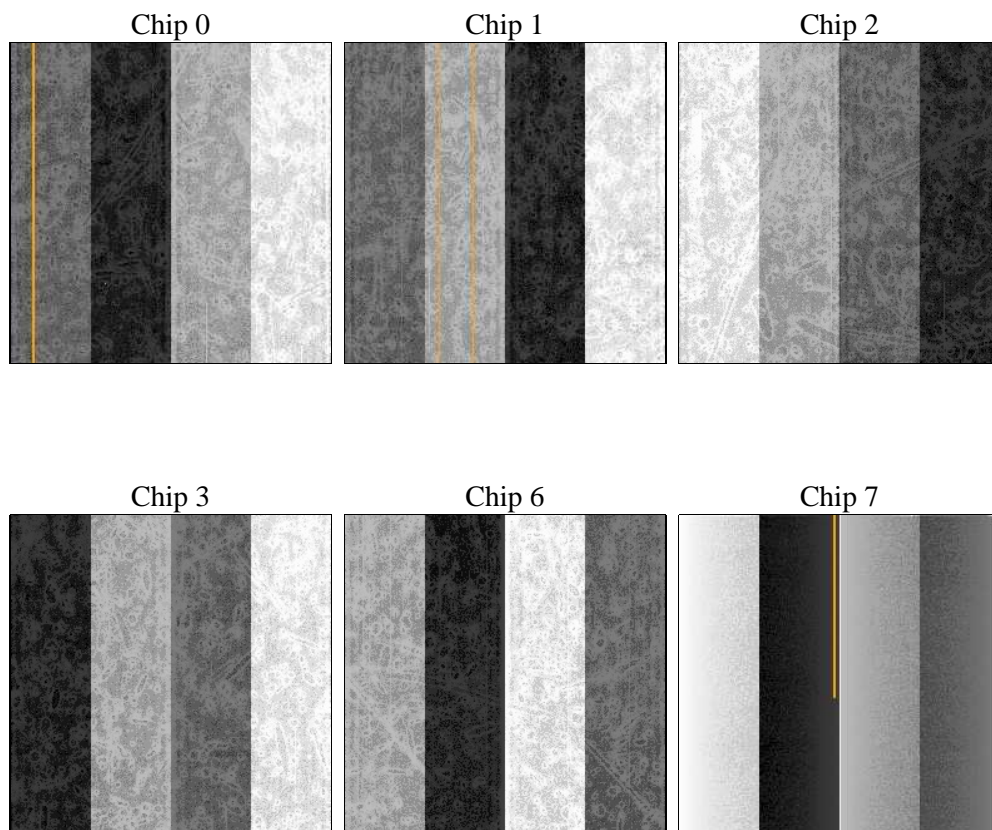
2 OBI

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	7804.7999709249	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	5566.9188326895	Sum of GTIs [s]
date	2012-11-14T10:14:54	Date and time of file creation	ontime1	5690.1164529026	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	5354.6308150887	Sum of GTIs [s]
			ontime3	5583.0418532789	Sum of GTIs [s]
			ontime6	6011.0542600453	Sum of GTIs [s]
			ontime7	7804.7999709249	Sum of GTIs [s]
			l1events	1417204	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	215118	218581	210356	218085	241993	313071	grade 0 events	97693	99558	97312	101160	109175	66239
rejected events	36896	36470	36997	37914	41029	43586		45%	45%	46%	46%	45%	21%
rejected %	17%	16%	17%	17%	16%	13%	grade 1 events	529	482	555	597	554	220
								0%	0%	0%	0%	0%	0%
							grade 2 events	31184	32107	29138	30762	34439	59458
								14%	14%	13%	14%	14%	18%
							grade 3 events	11487	11751	11434	11794	12463	26768
								5%	5%	5%	5%	5%	8%
							grade 4 events	11584	11714	11258	11605	12494	26967
								5%	5%	5%	5%	5%	8%
							grade 5 events	2506	2451	2258	2539	2840	7978
								1%	1%	1%	1%	1%	2%
							grade 6 events	26274	26981	24331	24850	32393	90053
								12%	12%	11%	11%	13%	28%
							grade 7 events	33861	33537	34070	34778	37635	35388
								15%	15%	16%	15%	15%	11%

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	38.97658708892114
[deg] Pointing Dec	0	-52.02470550439969
[deg] Pointing Roll	0.0	206.8826032763273
[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)	197611327.298975	197611326.274
Observation start date	2004-04-06T04:02:07	2004-04-06T04:02:06
[s] Observation end time (MET)	197628744.099739	197628743.07476
Observation end date	2004-04-06T08:52:24	2004-04-06T08:52:23
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)	2012.12.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.8047999709249

A.2 Comments