

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58376 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 25 2012

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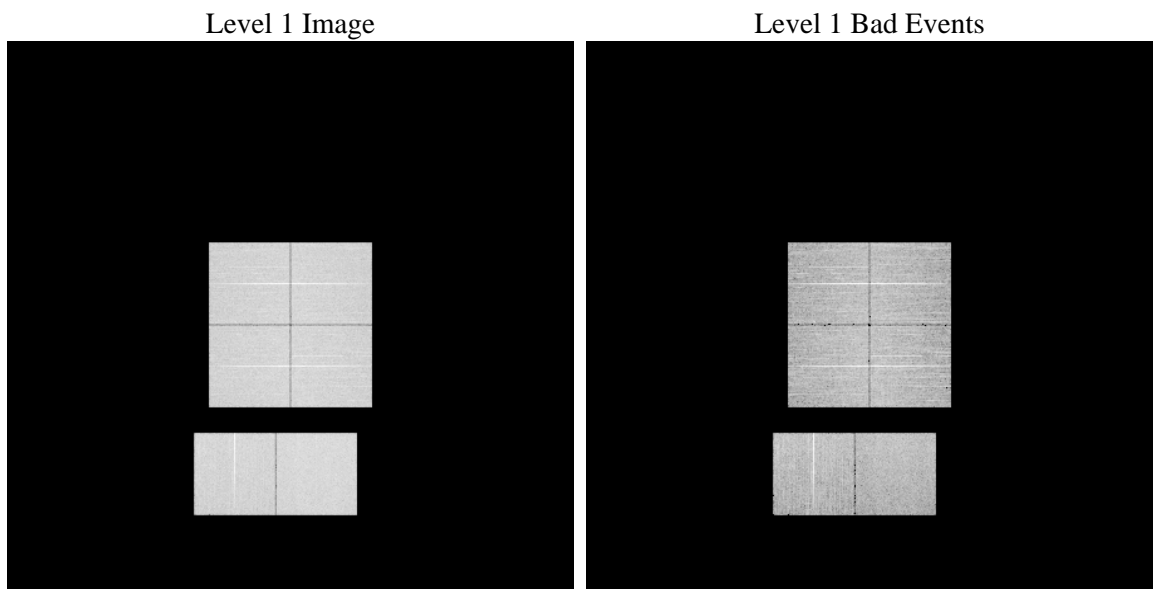
1 Front

seq_num	 	Sequence number
obs_id	58376	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	254.02916500375	Nominal RA [deg]
dec_nom	-48.977756346605	Nominal Dec [deg]
roll_nom	16.694458810594	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8271.999969244	Sum of GTIs [s]
livetime	8167.254924833	Livetime [s]
ontime0	8268.7589789629	Sum of GTIs [s]
ontime1	8271.999969244	Sum of GTIs [s]
ontime2	8271.999969244	Sum of GTIs [s]
ontime3	8271.999969244	Sum of GTIs [s]
ontime6	8271.999969244	Sum of GTIs [s]
ontime7	8271.999969244	Sum of GTIs [s]
l2events	740154	Number of level 2 events

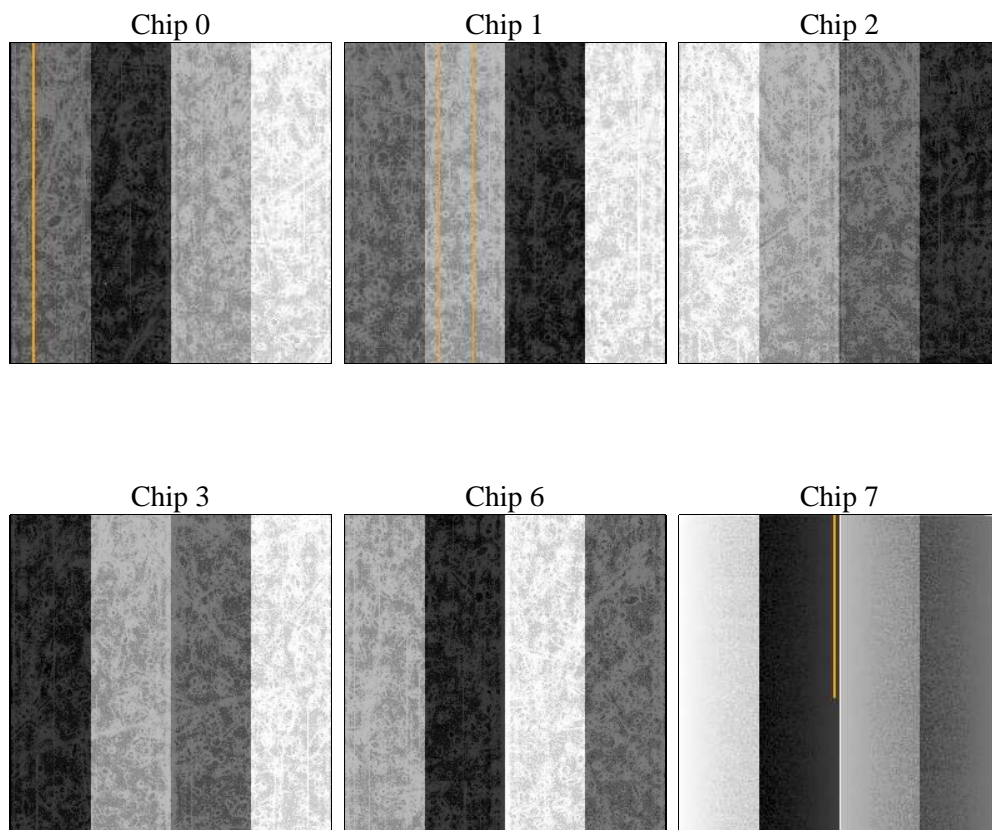
2 OBI

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	8.4.4	Processing system revision	ontime	8271.999969244	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	8268.7589789629	Sum of GTIs [s]
date	2012-04-25T11:43:20	Date and time of file creation	ontime1	8271.999969244	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8271.999969244	Sum of GTIs [s]
			ontime3	8271.999969244	Sum of GTIs [s]
			ontime6	8271.999969244	Sum of GTIs [s]
			ontime7	8271.999969244	Sum of GTIs [s]
			l1events	1214477	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	193394	195500	198845	202243	202278	222217	grade 0 events	66544	65720	68936	69483	68038	32689
rejected events	70790	71453	75155	77210	74497	65098		34%	33%	34%	34%	33%	14%
rejected %	36%	36%	37%	38%	36%	29%	grade 1 events	481	401	523	488	415	158
								0%	0%	0%	0%	0%	0%
							grade 2 events	21566	22987	20857	20787	22463	34368
								11%	11%	10%	10%	11%	15%
							grade 3 events	8141	7974	8087	8437	8015	14704
								4%	4%	4%	4%	3%	6%
							grade 4 events	7986	7982	8182	8505	8108	14784
								4%	4%	4%	4%	4%	6%
							grade 5 events	3882	3923	3749	4327	4180	10397
								2%	2%	1%	2%	2%	4%
							grade 6 events	18367	19384	17628	17821	21205	60574
								9%	9%	8%	8%	10%	27%
							grade 7 events	66427	67129	70883	72395	69854	54543
								34%	34%	35%	35%	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	0	254.029165003746
[deg] Pointing Dec	0	-48.97775634660545
[deg] Pointing Roll	0.0	16.69445881059419
[mm] SIM focus pos	-0.782348	-1.038866356238299
[mm] SIM defocus	0	0.4944702831659975
[mm] SIM translation stage pos	-233.592463	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	296807074.214572	296807073.18955
Observation start date	2007-05-29T06:24:34	2007-05-29T06:24:33
[s] Observation end time (MET)	296829183.46563	296829182.4406
Observation end date	2007-05-29T12:33:03	2007-05-29T12:33:02
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	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.04.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.271999969244

A.2 Comments