

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 54749 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Mar 29 2012

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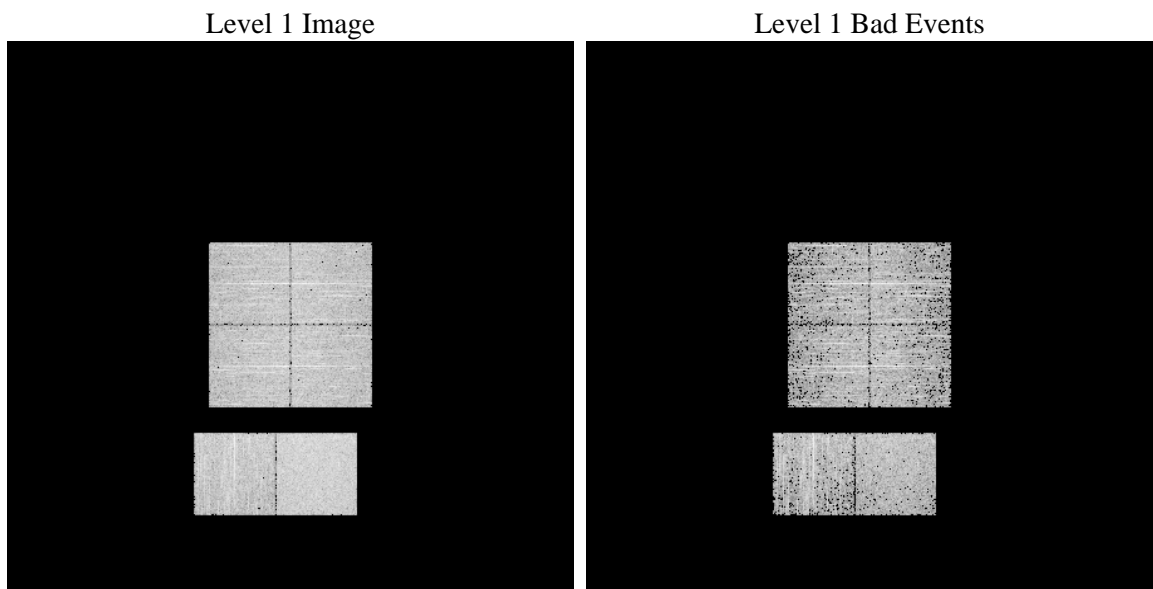
1 Front

seq_num	 	Sequence number
obs_id	54749	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	178.03401441943	Nominal RA [deg]
dec_nom	-26.995077056306	Nominal Dec [deg]
roll_nom	335.74925824535	Nominal Roll [deg]
revision	1	Processing version of data
ontime	3251.1999879479	Sum of GTIs [s]
livetime	3210.0313360629	Livetime [s]
ontime0	3251.1999879479	Sum of GTIs [s]
ontime1	3251.1999879479	Sum of GTIs [s]
ontime2	3251.1999879479	Sum of GTIs [s]
ontime3	3251.1999879479	Sum of GTIs [s]
ontime6	3251.1999879479	Sum of GTIs [s]
ontime7	3251.1999879479	Sum of GTIs [s]
l2events	103205	Number of level 2 events

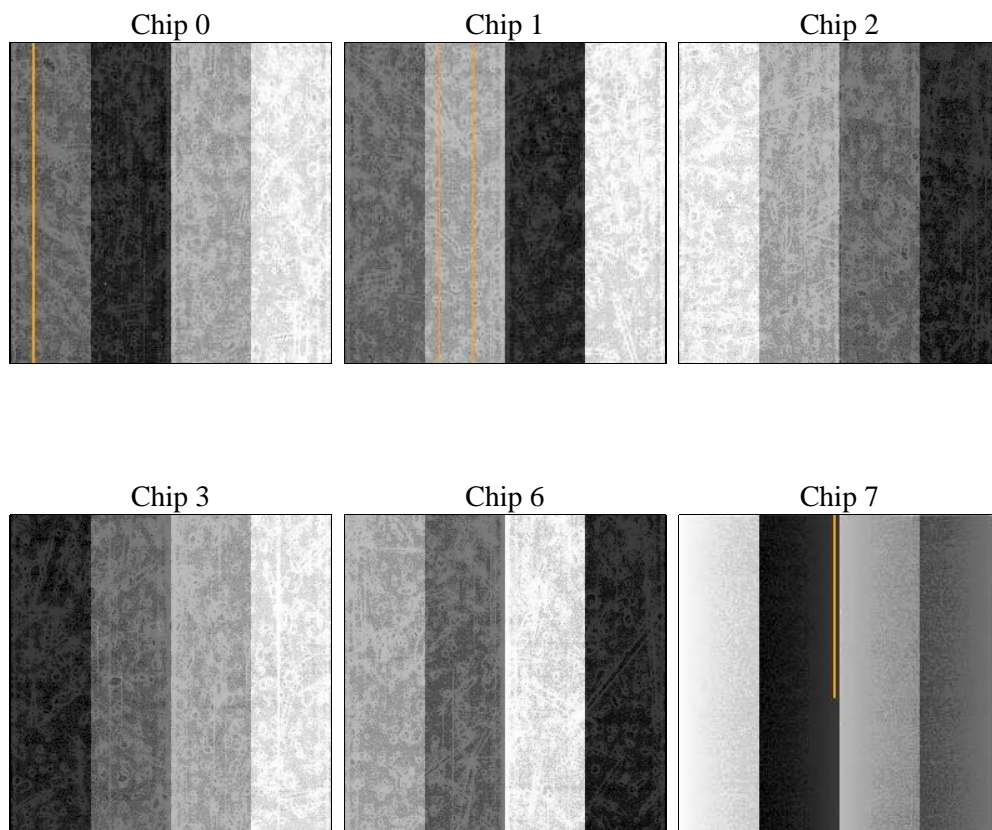
2 OBI

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	8.4.3	Processing system revision	ontime	3251.1999879479	Sum of GTIs [s]
caldbver	4.4.8	 	ontime0	3251.1999879479	Sum of GTIs [s]
date	2012-03-29T22:08:14	Date and time of file creation	ontime1	3251.1999879479	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	3251.1999879479	Sum of GTIs [s]
			ontime3	3251.1999879479	Sum of GTIs [s]
			ontime6	3251.1999879479	Sum of GTIs [s]
			ontime7	3251.1999879479	Sum of GTIs [s]
			l1events	231455	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	34965	35859	36262	36108	39116	49145	grade 0 events	8631	8237	8713	8746	8921	4568
rejected events	18764	19706	20133	19853	22014	21850		24%	22%	24%	24%	22%	9%
rejected %	53%	54%	55%	54%	56%	44%	grade 1 events	47	42	49	53	56	45
								0%	0%	0%	0%	0%	0%
							grade 2 events	3003	3263	2949	2957	3151	5959
								8%	9%	8%	8%	8%	12%
							grade 3 events	1137	1114	1137	1138	1180	2538
								3%	3%	3%	3%	3%	5%
							grade 4 events	1128	1136	1182	1129	1141	2515
								3%	3%	3%	3%	2%	5%
							grade 5 events	1218	1337	1259	1332	1287	3362
								3%	3%	3%	3%	3%	6%
							grade 6 events	2549	2625	2375	2502	2952	12080
								7%	7%	6%	6%	7%	24%
							grade 7 events	17252	18105	18598	18251	20428	18078
								49%	50%	51%	50%	52%	36%

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	178.0340144194346
[deg] Pointing Dec	0	-26.99507705630614
[deg] Pointing Roll	0.0	335.7492582453476
SIM focus pos (mm)	-1.4281808131	-1.4281808131
[mm] SIM defocus	0.1051557500557434	0.1051557500557434
SIM translation stage pos (mm)	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	449401770.275162	449401770.275162
Observation start date	2012-03-29T09:49:30	2012-03-29T09:49:30
[s] Observation end time (MET)	449406318.499453	449406318.499453
Observation end date	2012-03-29T11:05:18	2012-03-29T11:05:18
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)	2012.03.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.2511999879479

A.2 Comments