

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55304 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Mar 18 2012

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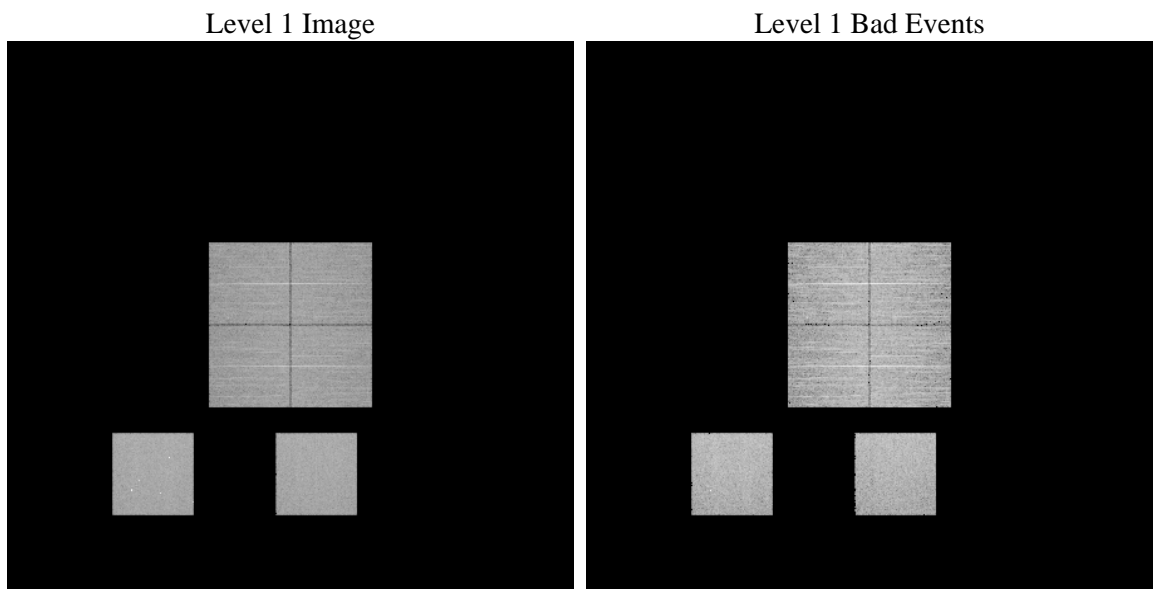
1 Front

seq_num	 	Sequence number
obs_id	55304	Observation id
title	ACIS-012357 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	306.83609468298	Nominal RA [deg]
dec_nom	8.65196067231	Nominal Dec [deg]
roll_nom	145.29158959702	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8146.0001237392	Sum of GTIs [s]
livetime	8042.8505652401	Livetime [s]
ontime0	8145.9590837359	Sum of GTIs [s]
ontime1	8145.9180437326	Sum of GTIs [s]
ontime2	8145.8770037293	Sum of GTIs [s]
ontime3	8146.0411637425	Sum of GTIs [s]
ontime5	8145.835963726	Sum of GTIs [s]
ontime7	8146.0001237392	Sum of GTIs [s]
l2events	327644	Number of level 2 events

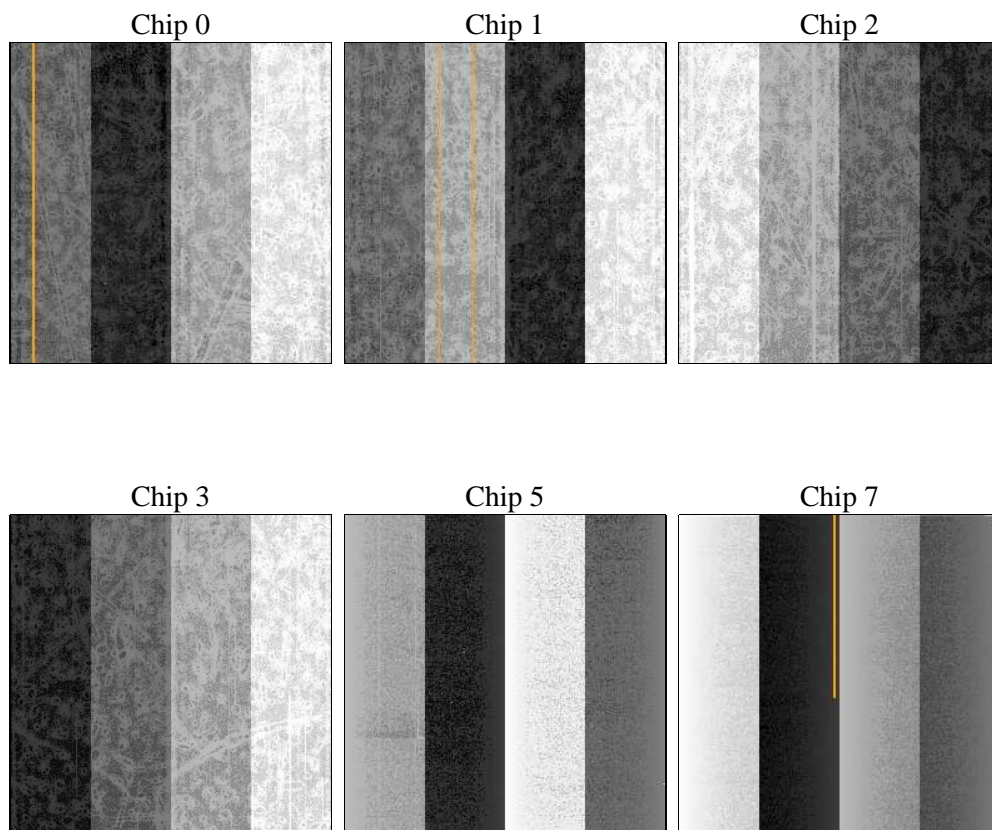
2 OBI

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	8.4.3	Processing system revision	ontime	8146.0001237392	Sum of GTIs [s]
caldsver	4.4.8	 	ontime0	8145.9590837359	Sum of GTIs [s]
date	2012-03-18T19:54:58	Date and time of file creation	ontime1	8145.9180437326	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8145.8770037293	Sum of GTIs [s]
			ontime3	8146.0411637425	Sum of GTIs [s]
			ontime5	8145.835963726	Sum of GTIs [s]
			ontime7	8146.0001237392	Sum of GTIs [s]
			l1events	681596	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	100768	100847	101291	106006	139176	133508	grade 0 events	25829	24830	25994	26459	11403	13180
rejected events	52549	53179	53842	57777	60289	58269		25%	24%	25%	24%	8%	9%
rejected %	52%	52%	53%	54%	43%	43%	grade 1 events	145	113	161	172	325	106
								0%	0%	0%	0%	0%	0%
							grade 2 events	8945	9399	8532	8633	27888	16453
								8%	9%	8%	8%	20%	12%
							grade 3 events	3380	3356	3313	3311	3385	6986
								3%	3%	3%	3%	2%	5%
							grade 4 events	3282	3199	3299	3457	3332	6812
								3%	3%	3%	3%	2%	5%
							grade 5 events	3318	3375	3197	3717	7465	9028
								3%	3%	3%	3%	5%	6%
							grade 6 events	7598	7742	7149	7270	34232	33129
								7%	7%	7%	6%	24%	24%
							grade 7 events	48271	48833	49646	52987	51146	47814
								47%	48%	49%	49%	36%	35%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012357	ACIS-012357
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	306.8360946829781
[deg] Pointing Dec	0	8.651960672309965
[deg] Pointing Roll	0.0	145.2915895970223
[mm] SIM focus pos	-1.4281808131	-1.4281808131
[mm] SIM defocus	0.1051557500557434	0.1051557500557434
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	426316994.344486	426316994.344486
Observation start date	2011-07-06T05:23:14	2011-07-06T05:23:14
[s] Observation end time (MET)	426326542.028454	426326542.028454
Observation end date	2011-07-06T08:02:22	2011-07-06T08:02:22
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.03.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1460001237392

A.2 Comments