

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57305 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 30 2012

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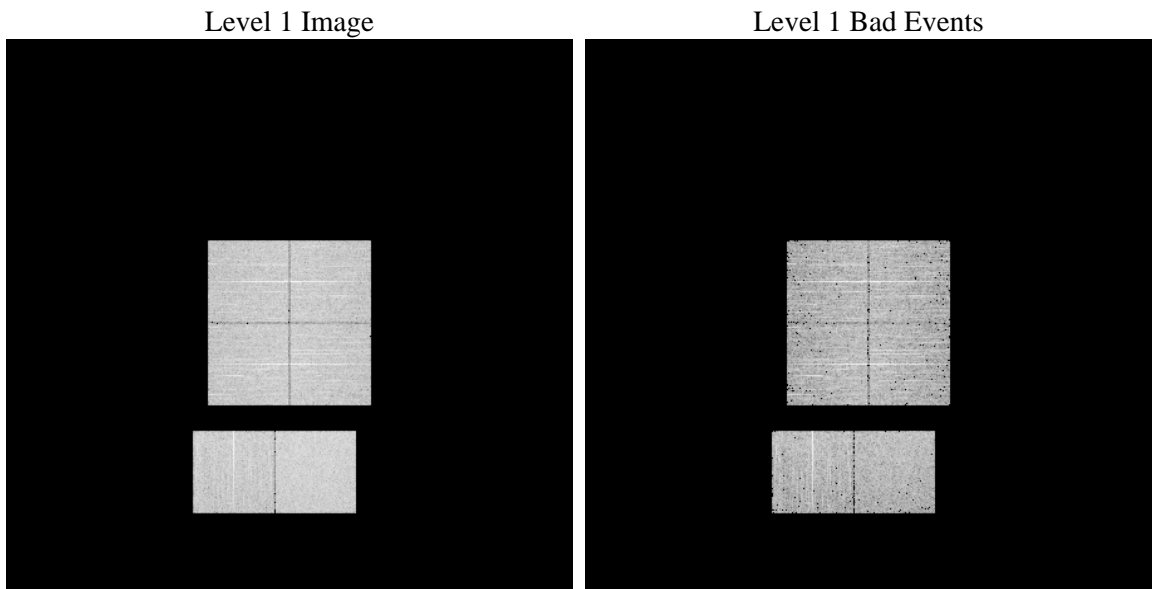
1 Front

seq_num	 	Sequence number
obs_id	57305	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	171.88403726742	Nominal RA [deg]
dec_nom	13.023551436424	Nominal Dec [deg]
roll_nom	86.629338968562	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3071.9999886155	Sum of GTIs [s]
livetime	3033.1004750233	Livetime [s]
ontime0	3071.9999886155	Sum of GTIs [s]
ontime1	3071.9999886155	Sum of GTIs [s]
ontime2	3071.9999886155	Sum of GTIs [s]
ontime3	3071.9999886155	Sum of GTIs [s]
ontime6	3071.9999886155	Sum of GTIs [s]
ontime7	3071.9999886155	Sum of GTIs [s]
l2events	190740	Number of level 2 events

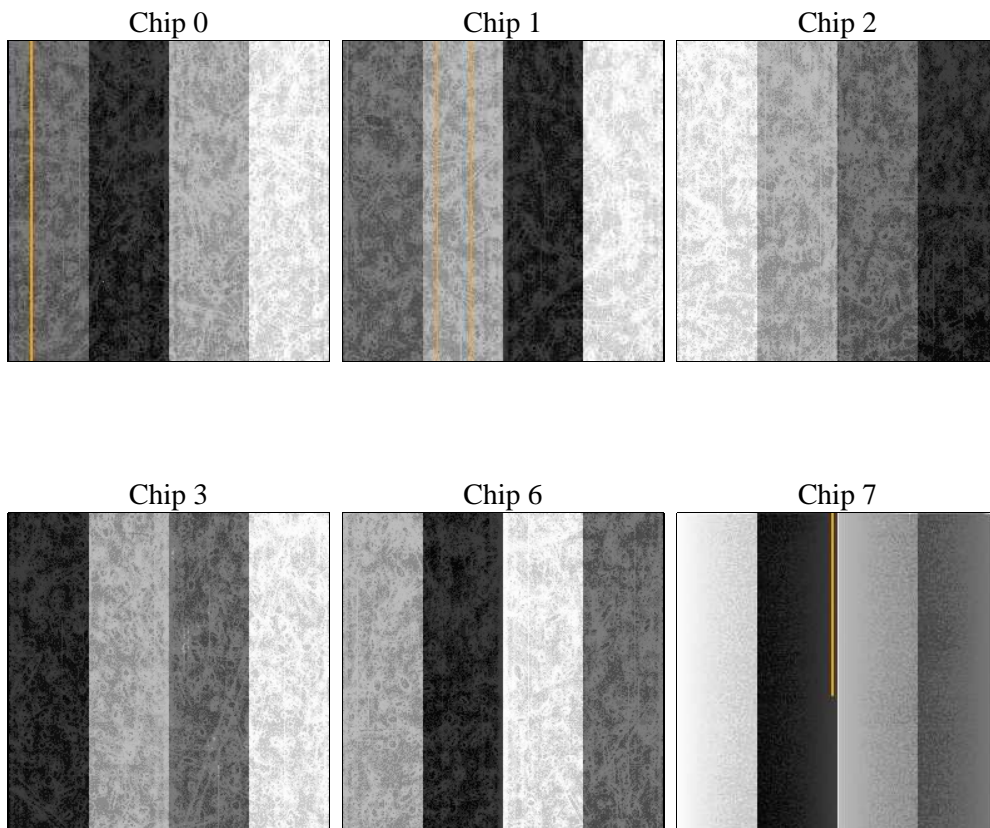
2 OBI

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	3071.9999886155	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	3071.9999886155	Sum of GTIs [s]
date	2012-05-31T02:02:32	Date and time of file creation	ontime1	3071.9999886155	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	3071.9999886155	Sum of GTIs [s]
			ontime3	3071.9999886155	Sum of GTIs [s]
			ontime6	3071.9999886155	Sum of GTIs [s]
			ontime7	3071.9999886155	Sum of GTIs [s]
			l1events	390168	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	61393	62167	62918	63065	64741	75884	grade 0 events	17722	17350	17923	18106	17921	9275
rejected events	30515	31083	31952	31983	32698	30457		28%	27%	28%	28%	27%	12%
rejected %	49%	49%	50%	50%	50%	40%	grade 1 events	133	111	173	140	116	60
								0%	0%	0%	0%	0%	0%
							grade 2 events	5912	6239	5698	5862	6108	10405
								9%	10%	9%	9%	9%	13%
							grade 3 events	2153	2223	2278	2253	2200	4585
								3%	3%	3%	3%	3%	6%
							grade 4 events	2203	2256	2301	2209	2262	4525
								3%	3%	3%	3%	3%	5%
							grade 5 events	1639	1766	1522	1825	1834	4523
								2%	2%	2%	2%	2%	5%
							grade 6 events	4994	5108	4817	4728	5643	19667
								8%	8%	7%	7%	8%	25%
							grade 7 events	26637	27114	28206	27942	28657	22844
								43%	43%	44%	44%	44%	30%

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	171.884037267424
[deg] Pointing Dec	0	13.02355143642388
[deg] Pointing Roll	0.0	86.62933896856173
[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)	350918857.659086	350918857.659086
Observation start date	2009-02-13T13:27:38	2009-02-13T13:27:37
[s] Observation end time (MET)	350923405.818062	350923405.818062
Observation end date	2009-02-13T14:43:26	2009-02-13T14:43:25
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)	2012.06.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.0719999886155

A.2 Comments