

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56294 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 24 2012

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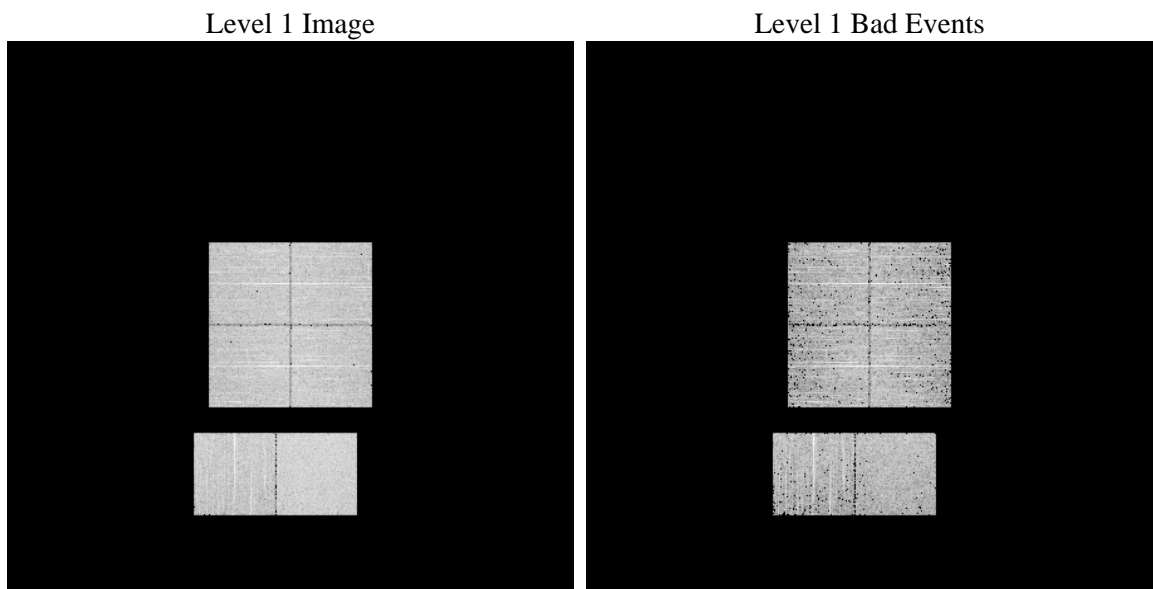
1 Front

seq_num	 	Sequence number
obs_id	56294	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	209.97970939089	Nominal RA [deg]
dec_nom	10.479260679679	Nominal Dec [deg]
roll_nom	193.01509777084	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3247.9999879599	Sum of GTIs [s]
livetime	3206.8718564015	Livetime [s]
ontime0	3247.9999879599	Sum of GTIs [s]
ontime1	3247.9999879599	Sum of GTIs [s]
ontime2	3247.9999879599	Sum of GTIs [s]
ontime3	3247.9999879599	Sum of GTIs [s]
ontime6	3247.9999879599	Sum of GTIs [s]
ontime7	3247.9999879599	Sum of GTIs [s]
l2events	156560	Number of level 2 events

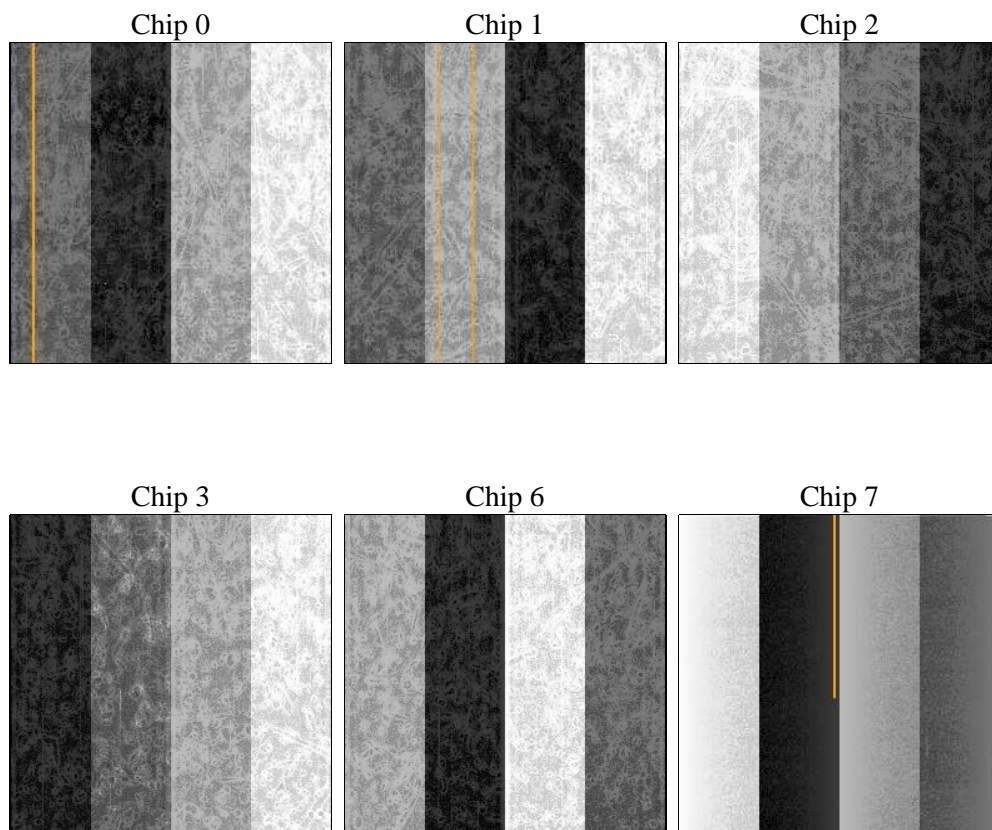
2 OBI

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	3247.9999879599	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	3247.9999879599	Sum of GTIs [s]
date	2012-06-24T23:59:55	Date and time of file creation	ontime1	3247.9999879599	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	3247.9999879599	Sum of GTIs [s]
			ontime3	3247.9999879599	Sum of GTIs [s]
			ontime6	3247.9999879599	Sum of GTIs [s]
			ontime7	3247.9999879599	Sum of GTIs [s]
			l1events	325114	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	50620	51228	51785	53055	53234	65192	grade 0 events	13537	13337	13664	13782	13545	7010
rejected events	25388	25836	26523	27866	27458	26398		26%	26%	26%	25%	25%	10%
rejected %	50%	50%	51%	52%	51%	40%	grade 1 events	89	75	88	104	100	43
								0%	0%	0%	0%	0%	0%
							grade 2 events	4689	4869	4542	4496	4724	8414
								9%	9%	8%	8%	8%	12%
							grade 3 events	1719	1713	1832	1771	1663	3618
								3%	3%	3%	3%	3%	5%
							grade 4 events	1698	1726	1779	1754	1687	3606
								3%	3%	3%	3%	3%	5%
							grade 5 events	1617	1576	1471	1761	1646	4204
								3%	3%	2%	3%	3%	6%
							grade 6 events	3881	4053	3721	3647	4418	16583
								7%	7%	7%	6%	8%	25%
							grade 7 events	23390	23879	24688	25740	25451	21714
								46%	46%	47%	48%	47%	33%

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	209.9797093908884
[deg] Pointing Dec	0	10.47926067967872
[deg] Pointing Roll	0.0	193.015097770843
[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)	388850087.464409	388850087.464409
Observation start date	2010-04-28T13:54:47	2010-04-28T13:54:47
[s] Observation end time (MET)	388854635.571111	388854635.571111
Observation end date	2010-04-28T15:10:36	2010-04-28T15:10:35
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)	2012.07.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.2479999879599

A.2 Comments