

V&V Reference Report

L2 ASCDS Version : 10.2.4

Observation 52449 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Sep 25 2014

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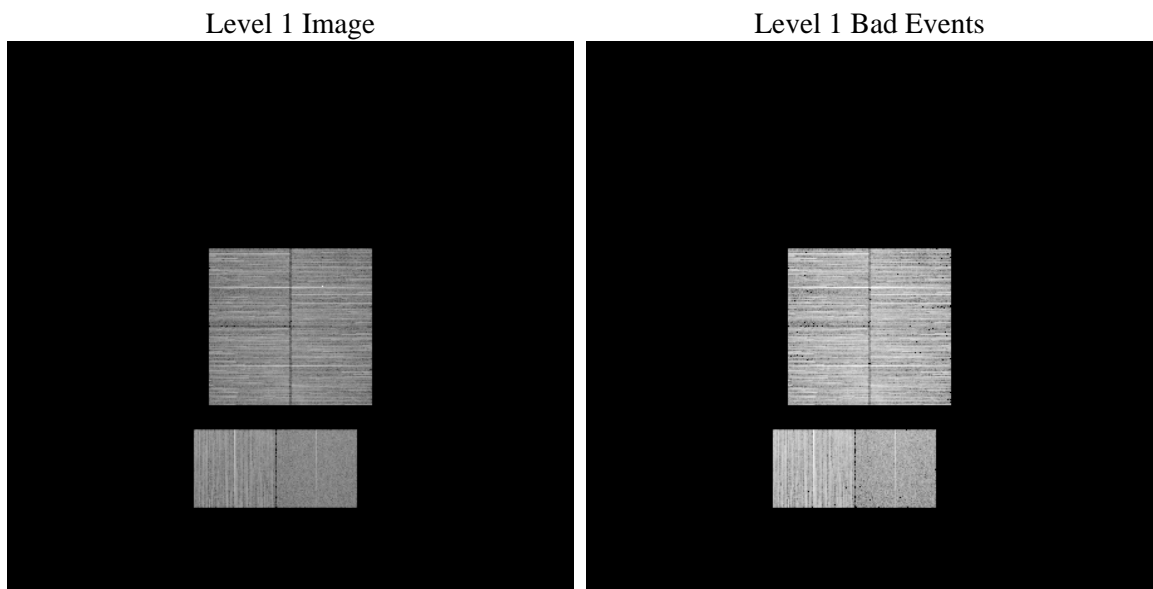
1 Front

seq_num	 	Sequence number
obs_id	52449	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	337.0140830789	Nominal RA [deg]
dec_nom	2.4747571911724	Nominal Dec [deg]
roll_nom	266.36926644863	Nominal Roll [deg]
revision	1	Processing version of data
ontime	5042.3716797233	Sum of GTIs [s]
livetime	4978.5221333629	Livetime [s]
ontime0	5042.33063972	Sum of GTIs [s]
ontime1	5042.2895997167	Sum of GTIs [s]
ontime2	5042.2485597134	Sum of GTIs [s]
ontime3	5042.4127197266	Sum of GTIs [s]
ontime6	5042.2075197101	Sum of GTIs [s]
ontime7	5042.3716797233	Sum of GTIs [s]
l2events	143415	Number of level 2 events

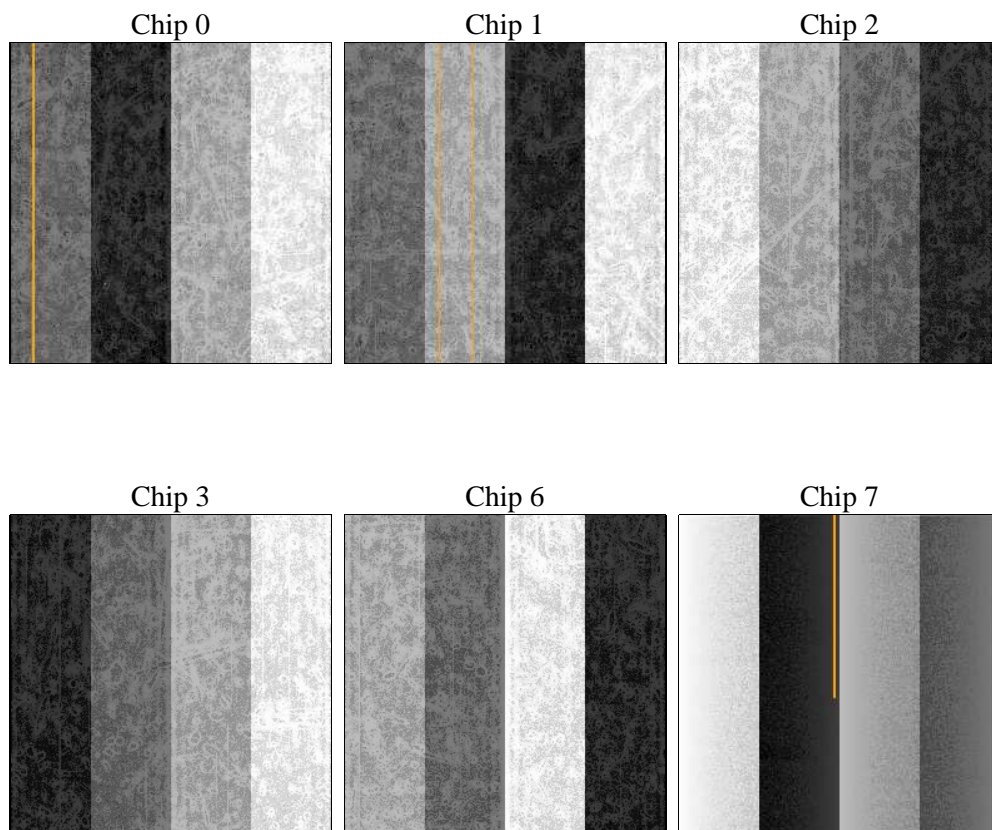
2 OBI

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	10.2.4	Processing system revision	ontime	5042.3716797233	Sum of GTIs [s]
caldsver	4.6.3	 	ontime0	5042.33063972	Sum of GTIs [s]
date	2014-09-26T00:50:43	Date and time of file creation	ontime1	5042.2895997167	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	5042.2485597134	Sum of GTIs [s]
			ontime3	5042.4127197266	Sum of GTIs [s]
			ontime6	5042.2075197101	Sum of GTIs [s]
			ontime7	5042.3716797233	Sum of GTIs [s]
			l1events	619652	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	100026	105218	111099	106547	113003	83759	grade 0 events	10784	10429	11132	11243	11027	5771
rejected events	77871	80949	88856	84011	89489	44953		10%	9%	10%	10%	9%	6%
rejected %	77%	76%	79%	78%	79%	53%	grade 1 events	60	49	73	65	56	64
								0%	0%	0%	0%	0%	0%
							grade 2 events	4551	6678	4391	4332	4745	9623
								4%	6%	3%	4%	4%	11%
							grade 3 events	1313	1400	1396	1473	1447	2971
								1%	1%	1%	1%	1%	3%
							grade 4 events	1439	1391	1466	1450	1451	3106
								1%	1%	1%	1%	1%	3%
							grade 5 events	1826	1969	1783	2076	2043	5073
								1%	1%	1%	1%	1%	6%
							grade 6 events	4068	4371	3858	4038	4844	17335
								4%	4%	3%	3%	4%	20%
							grade 7 events	75985	78931	87000	81870	87390	39816
								75%	75%	78%	76%	77%	47%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	337.014083078903	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	2.474757191172357	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	266.3692664486301	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	528001852.618887	528001851.59389			
Observation start date	2014-09-25T03:10:53	2014-09-25T03:10:51			
[s] Observation end time (MET)	528016799.169717	528016798.14472			
Observation end date	2014-09-25T07:19:59	2014-09-25T07:19:58			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2014.09.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.0423716797233

A.2 Comments