

V&V Reference Report

L2 ASCDS Version : 10.4.3

Observation 51349 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jan 12 2016

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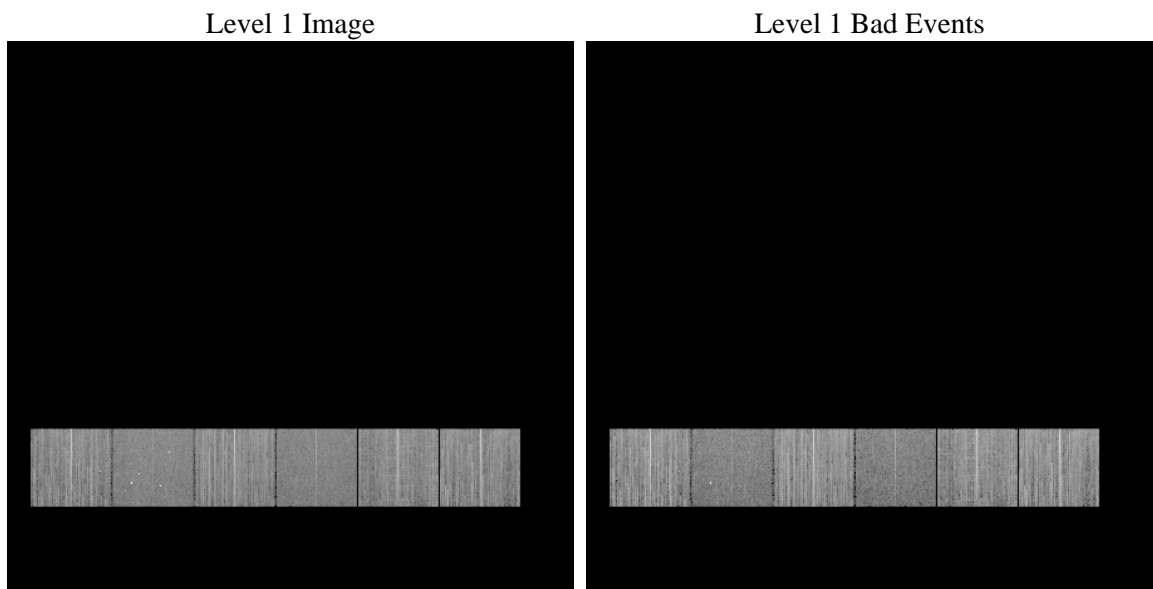
1 Front

seq_num	 	Sequence number
obs_id	51349	Observation id
title	ACIS-456789 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	158.05422314042	Nominal RA [deg]
dec_nom	32.412375299429	Nominal Dec [deg]
roll_nom	92.117005906752	Nominal Roll [deg]
revision	1	Processing version of data
ontime	5971.2000889778	Sum of GTIs [s]
livetime	5895.5891580261	Livetime [s]
ontime4	5971.2000889778	Sum of GTIs [s]
ontime5	5971.2000889778	Sum of GTIs [s]
ontime6	5971.2000889778	Sum of GTIs [s]
ontime7	5971.2000889778	Sum of GTIs [s]
ontime8	5971.2000889778	Sum of GTIs [s]
ontime9	5971.2000889778	Sum of GTIs [s]
l2events	128118	Number of level 2 events

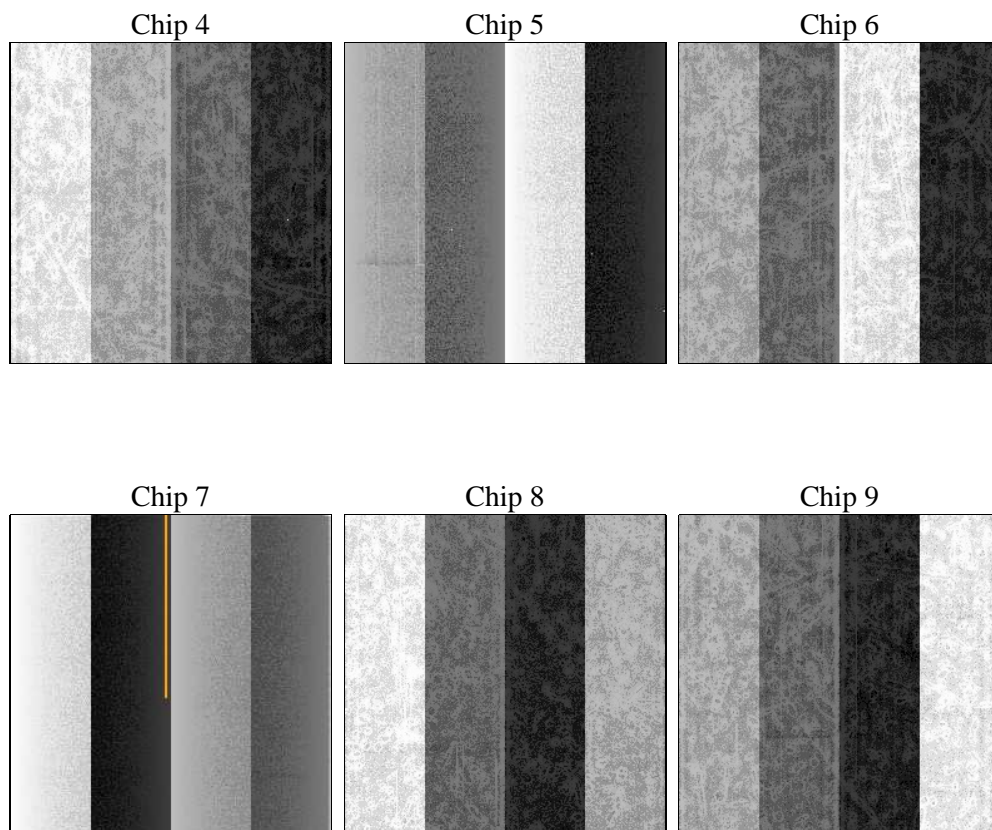
2 OBI

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	10.4.3	Processing system revision	ontime	5971.2000889778	Sum of GTIs [s]
caldsver	4.7.0	 	ontime4	5971.2000889778	Sum of GTIs [s]
date	2016-01-12T05:54:56	Date and time of file creation	ontime5	5971.2000889778	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	5971.2000889778	Sum of GTIs [s]
			ontime7	5971.2000889778	Sum of GTIs [s]
			ontime8	5971.2000889778	Sum of GTIs [s]
			ontime9	5971.2000889778	Sum of GTIs [s]
			l1events	723736	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9		ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	126151	109212	133288	95211	126950	132924	grade 0 events	8581	7540	6796	3979	9732	7337
rejected events	110482	65225	117995	59900	103627	117803		6%	6%	5%	4%	7%	5%
rejected %	87%	59%	88%	62%	81%	88%	grade 1 events	82	148	37	73	67	48
								0%	0%	0%	0%	0%	0%
							grade 2 events	3290	14886	4021	9418	5539	3357
								2%	13%	3%	9%	4%	2%
							grade 3 events	1190	1285	1041	2685	1972	1154
								0%	1%	0%	2%	1%	0%
							grade 4 events	1177	1118	979	2573	1885	1059
								0%	1%	0%	2%	1%	0%
							grade 5 events	2516	4745	2268	5772	3248	2714
								1%	4%	1%	6%	2%	2%
							grade 6 events	2268	21324	3203	18471	5249	2994
								1%	19%	2%	19%	4%	2%
							grade 7 events	107047	58166	114943	52240	99258	114261
								84%	53%	86%	54%	78%	85%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-456789	ACIS-456789
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	158.0542231404157
[deg] Pointing Dec	0	32.41237529942937
[deg] Pointing Roll	0.0	92.11700590675206
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)	568900450.403825	568900450.403825
Observation start date	2016-01-11T11:54:10	2016-01-11T11:54:10
[s] Observation end time (MET)	568906792.494975	568906792.494975
Observation end date	2016-01-11T13:39:52	2016-01-11T13:39:52
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)	2016.01.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.9712000889778

A.2 Comments