

V&V Reference Report

L2 ASCDS Version : 10.3.1

Observation 52201 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jan 4 2015

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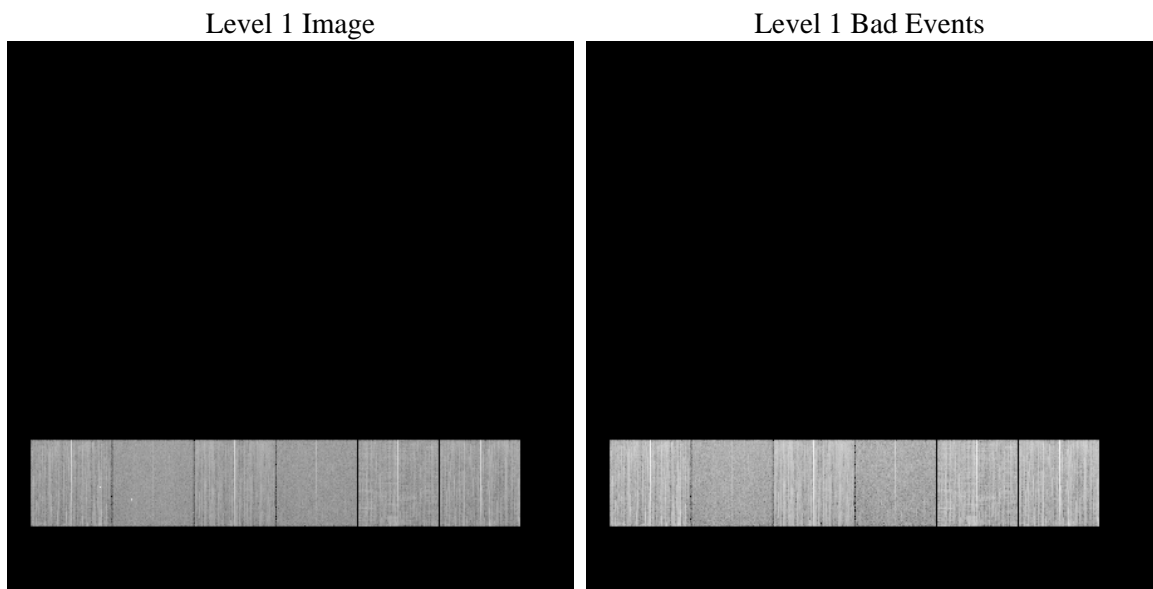
1 Front

seq_num	 	Sequence number
obs_id	52201	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	103.02499615735	Nominal RA [deg]
dec_nom	-1.4855512140486	Nominal Dec [deg]
roll_nom	357.24555349219	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8345.400529325	Sum of GTIs [s]
livetime	8239.7260428258	Livetime [s]
ontime4	8342.036338985	Sum of GTIs [s]
ontime5	8345.3594893217	Sum of GTIs [s]
ontime6	8345.3184493184	Sum of GTIs [s]
ontime7	8345.400529325	Sum of GTIs [s]
ontime8	8345.2363693118	Sum of GTIs [s]
ontime9	8345.4415693283	Sum of GTIs [s]
l2events	193613	Number of level 2 events

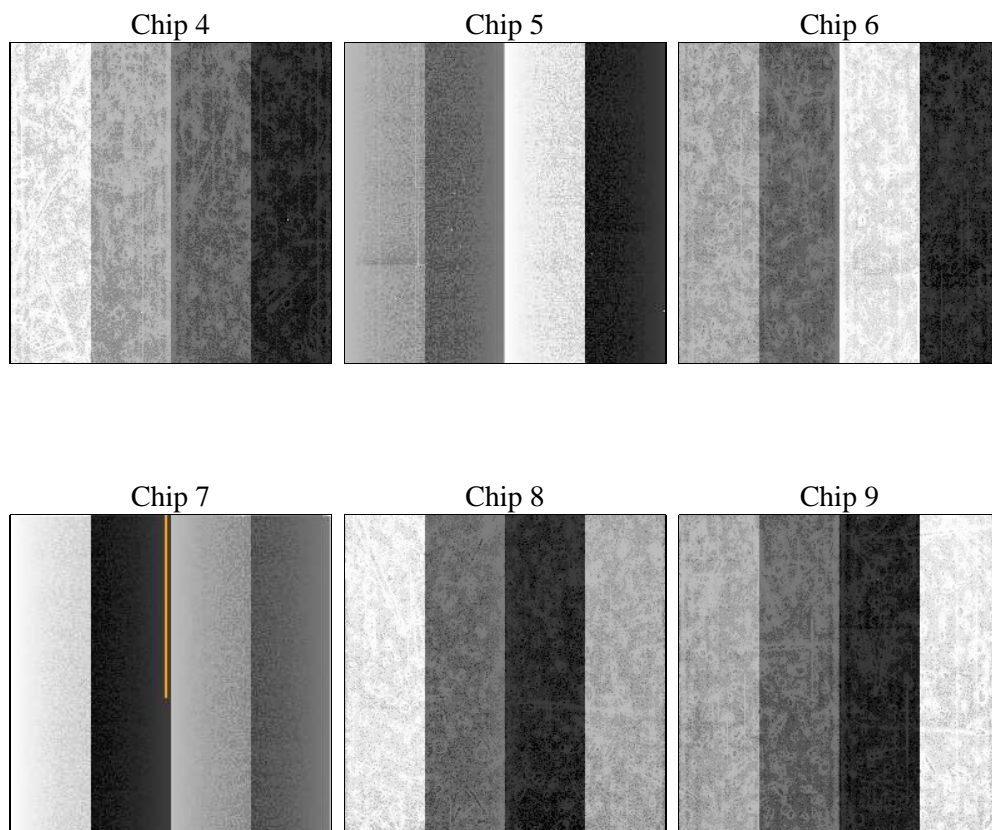
2 OBI

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	10.3.1	Processing system revision	ontime	8345.400529325	Sum of GTIs [s]
caldsver	4.6.5	 	ontime4	8342.036338985	Sum of GTIs [s]
date	2015-01-04T16:16:50	Date and time of file creation	ontime5	8345.3594893217	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	8345.3184493184	Sum of GTIs [s]
			ontime7	8345.400529325	Sum of GTIs [s]
			ontime8	8345.2363693118	Sum of GTIs [s]
			ontime9	8345.4415693283	Sum of GTIs [s]
			l1events	842838	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	148858	122493	151667	116672	149952	153196	grade 0 events	14396	3985	11775	6179	14867	12474
rejected events	122047	71079	125361	67727	115417	127575		9%	3%	7%	5%	9%	8%
rejected %	81%	58%	82%	58%	76%	83%	grade 1 events	132	149	52	79	69	70
								0%	0%	0%	0%	0%	0%
							grade 2 events	5261	19149	6473	12419	7658	5439
								3%	15%	4%	10%	5%	3%
							grade 3 events	1882	1532	1598	3639	2685	1735
								1%	1%	1%	3%	1%	1%
							grade 4 events	1873	1441	1602	3517	2564	1715
								1%	1%	1%	3%	1%	1%
							grade 5 events	2959	5250	2818	6820	3863	3389
								1%	4%	1%	5%	2%	2%
							grade 6 events	3719	25956	5211	23835	7207	4586
								2%	21%	3%	20%	4%	2%
							grade 7 events	118636	65031	122138	60184	111039	123788
								79%	53%	80%	51%	74%	80%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-456789	ACIS-456789	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	103.0249961573528	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-1.485551214048638	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	357.2455534921926	[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	250.4635187648994			
[mm] SIM translation stage offset	0	-0.007540371344731511			
[s] Observation start time (MET)	536719912.704087	536719911.67909			
Observation start date	2015-01-04T00:51:53	2015-01-04T00:51:51			
[s] Observation end time (MET)	536731802.70475	536731801.67975			
Observation end date	2015-01-04T04:10:03	2015-01-04T04:10:01			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2015.01.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.345400529325

A.2 Comments