

V&V Reference Report

L2 ASCDS Version : 10.3.3

Observation 52129 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jan 25 2015

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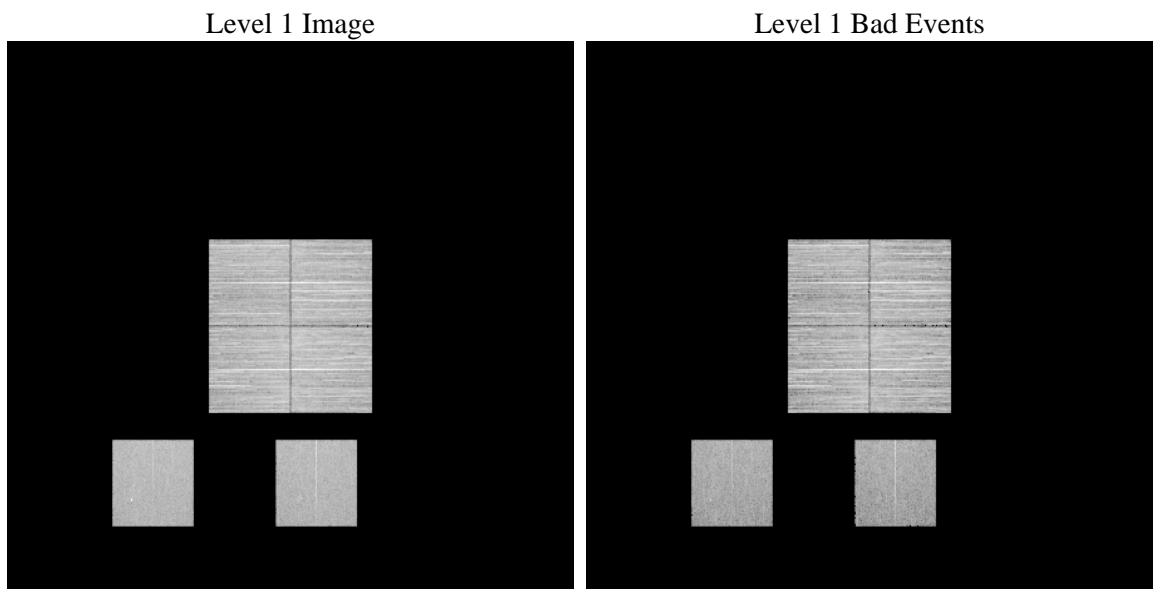
1 Front

seq_num	 	Sequence number
obs_id	52129	Observation id
title	ACIS-012357 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	150.49619936955	Nominal RA [deg]
dec_nom	9.4285520761934	Nominal Dec [deg]
roll_nom	64.311727922742	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8398.074657321	Sum of GTIs [s]
livetime	8291.7331792965	Livetime [s]
ontime0	8400.0001251698	Sum of GTIs [s]
ontime1	8400.0001251698	Sum of GTIs [s]
ontime2	8400.0001251698	Sum of GTIs [s]
ontime3	8398.0336173773	Sum of GTIs [s]
ontime5	8400.0001251698	Sum of GTIs [s]
ontime7	8398.074657321	Sum of GTIs [s]
l2events	205827	Number of level 2 events

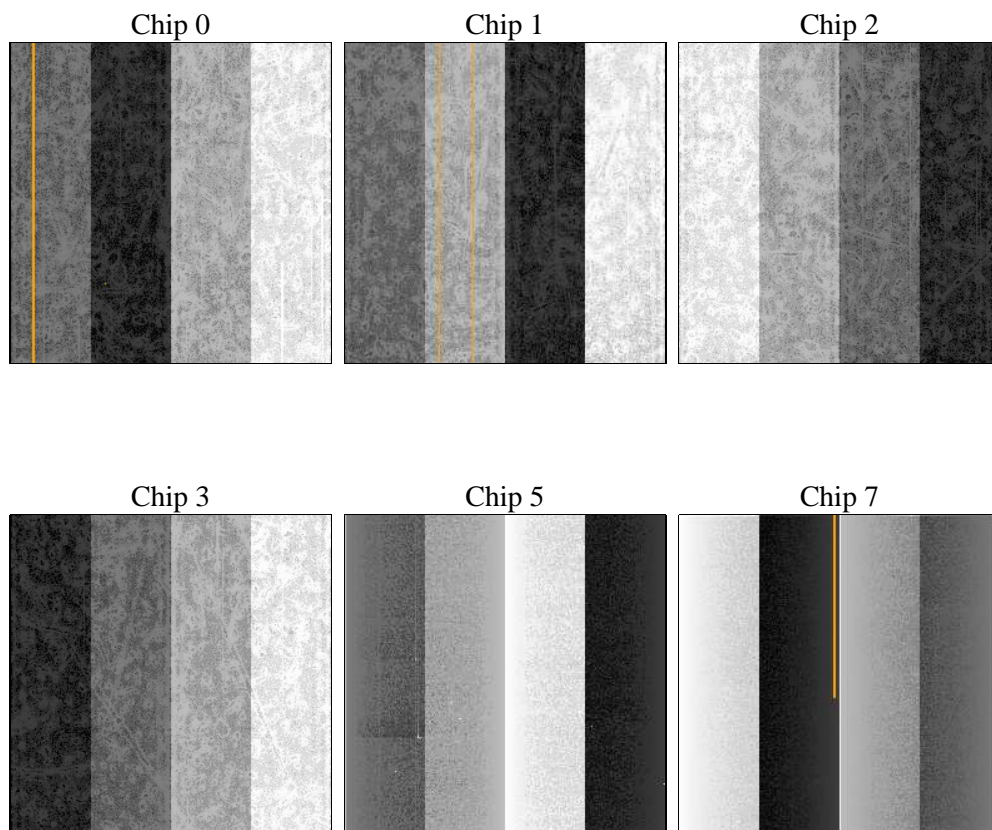
2 OBI

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	10.3.3	Processing system revision	ontime	8398.074657321	Sum of GTIs [s]
caldsver	4.6.6	 	ontime0	8400.0001251698	Sum of GTIs [s]
date	2015-01-25T19:52:49	Date and time of file creation	ontime1	8400.0001251698	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8400.0001251698	Sum of GTIs [s]
			ontime3	8398.0336173773	Sum of GTIs [s]
			ontime5	8400.0001251698	Sum of GTIs [s]
			ontime7	8398.074657321	Sum of GTIs [s]
			l1events	877167	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	148328	160713	156571	164058	126642	120855	grade 0 events	13089	12137	13665	14023	3956	6717
rejected events	120774	133190	129139	136294	72183	69150		8%	7%	8%	8%	3%	5%
rejected %	81%	82%	82%	83%	56%	57%	grade 1 events	70	66	80	83	151	71
								0%	0%	0%	0%	0%	0%
							grade 2 events	6352	6979	5736	5689	20678	13107
								4%	4%	3%	3%	16%	10%
							grade 3 events	1790	1727	1888	1825	1696	3822
								1%	1%	1%	1%	1%	3%
							grade 4 events	1788	1719	1909	1872	1573	3849
								1%	1%	1%	1%	1%	3%
							grade 5 events	2783	2788	2708	3183	5384	7145
								1%	1%	1%	1%	4%	5%
							grade 6 events	4809	5256	4492	4653	27055	24646
								3%	3%	2%	2%	21%	20%
							grade 7 events	117647	130041	126093	132730	66149	61498
								79%	80%	80%	80%	52%	50%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012357	ACIS-012357	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	150.4961993695472	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	9.428552076193393	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	64.31172792274209	[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)	538553143.7564369	538553142.7314399			
Observation start date	2015-01-25T06:05:44	2015-01-25T06:05:42			
[s] Observation end time (MET)	538561985.406931	538561984.38193			
Observation end date	2015-01-25T08:33:05	2015-01-25T08:33:04			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2015.01.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.398074657321

A.2 Comments