

V&V Reference Report

L2 ASCDS Version : 10.1

Observation 53291 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Oct 19 2013

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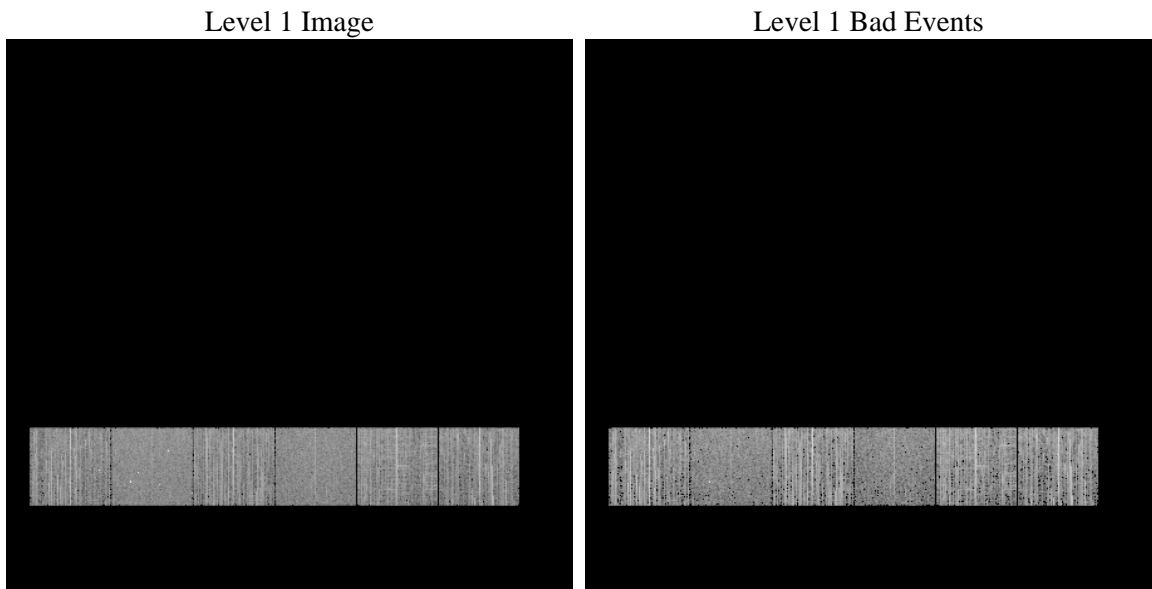
1 Front

seq_num	 	Sequence number
obs_id	53291	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	3.3653435352242	Nominal RA [deg]
dec_nom	-13.93214547664	Nominal Dec [deg]
roll_nom	318.38109750355	Nominal Roll [deg]
revision	1	Processing version of data
ontime	3279.9999878407	Sum of GTIs [s]
livetime	3238.4666530157	Livetime [s]
ontime4	3137.3944645524	Sum of GTIs [s]
ontime5	3279.9999878407	Sum of GTIs [s]
ontime6	3179.5290215611	Sum of GTIs [s]
ontime7	3279.9999878407	Sum of GTIs [s]
ontime8	3173.0053209066	Sum of GTIs [s]
ontime9	3160.0828011036	Sum of GTIs [s]
l2events	86205	Number of level 2 events

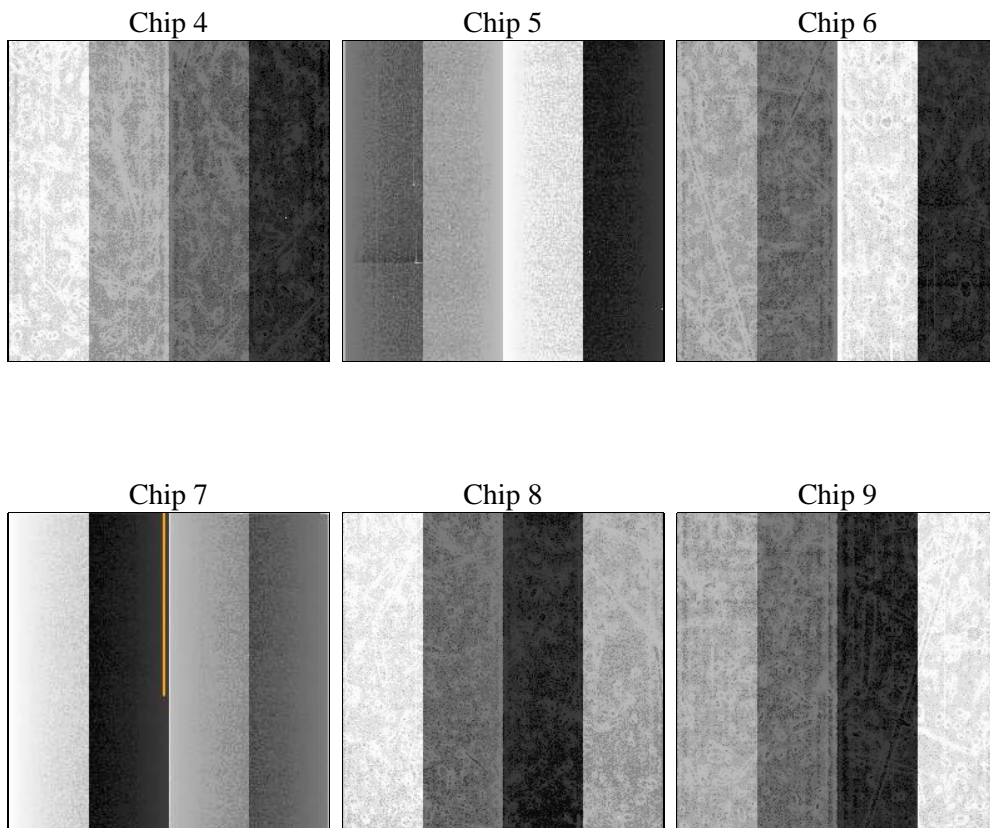
2 OBI

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	10.1	Processing system revision	ontime	3279.9999878407	Sum of GTIs [s]
caldbver	4.5.8	 	ontime4	3137.3944645524	Sum of GTIs [s]
date	2013-10-19T16:27:34	Date and time of file creation	ontime5	3279.9999878407	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	3179.5290215611	Sum of GTIs [s]
			ontime7	3279.9999878407	Sum of GTIs [s]
			ontime8	3173.0053209066	Sum of GTIs [s]
			ontime9	3160.0828011036	Sum of GTIs [s]
			l1events	330813	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	57002	52902	58898	47839	58748	55424	grade 0 events	6720	3596	6520	3365	7122	5919
rejected events	44959	28485	46293	25777	43352	43745		11%	6%	11%	7%	12%	10%
rejected %	78%	53%	78%	53%	73%	78%	grade 1 events	50	66	25	34	39	32
								0%	0%	0%	0%	0%	0%
							grade 2 events	2149	8881	2478	5255	2893	2308
								3%	16%	4%	10%	4%	4%
							grade 3 events	792	828	780	1806	1258	772
								1%	1%	1%	3%	2%	1%
							grade 4 events	811	820	791	1843	1239	816
								1%	1%	1%	3%	2%	1%
							grade 5 events	1119	2447	1176	2902	1535	1292
								1%	4%	1%	6%	2%	2%
							grade 6 events	1576	10312	2045	9810	2898	1877
								2%	19%	3%	20%	4%	3%
							grade 7 events	43785	25952	45083	22824	41764	42408
								76%	49%	76%	47%	71%	76%

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	3.365343535224184	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-13.93214547663994	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	318.3810975035519	[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)	498555546.445009	498555545.42001			
Observation start date	2013-10-19T07:39:06	2013-10-19T07:39:05			
[s] Observation end time (MET)	498562889.545411	498562888.52041			
Observation end date	2013-10-19T09:41:30	2013-10-19T09:41:28			
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)	2013.10.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.2799999878407

A.2 Comments