

V&V Reference Report

L2 ASCDS Version : 10.1.1

Observation 53243 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Nov 11 2013

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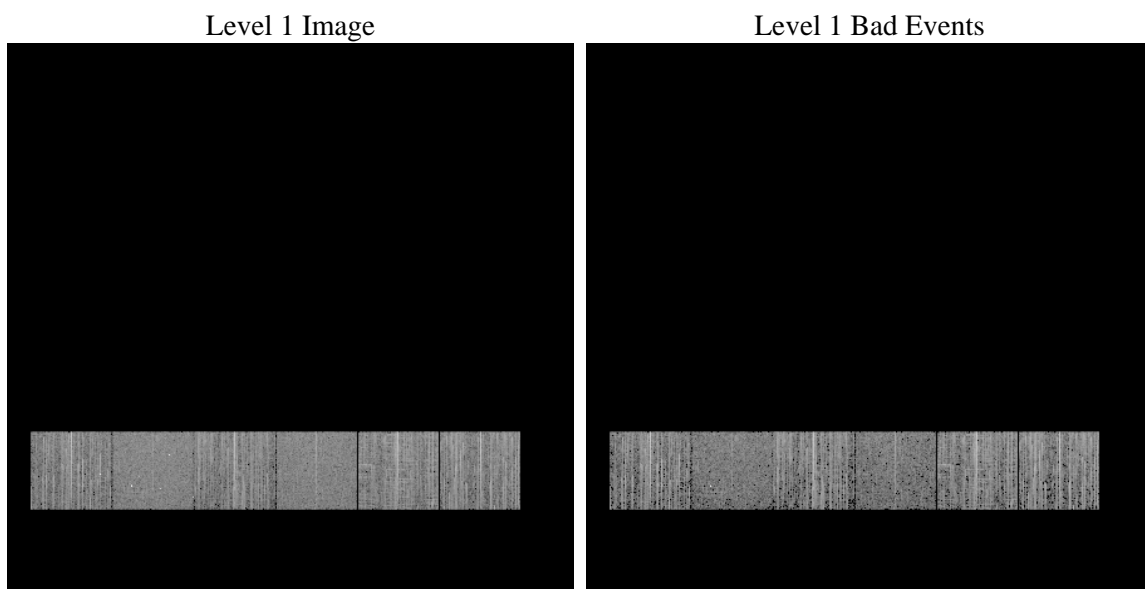
1 Front

seq_num	 	Sequence number
obs_id	53243	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	64.968370008717	Nominal RA [deg]
dec_nom	32.410841560303	Nominal Dec [deg]
roll_nom	125.15444101721	Nominal Roll [deg]
revision	1	Processing version of data
ontime	3282.8913962841	Sum of GTIs [s]
livetime	3241.3214487045	Livetime [s]
ontime4	3282.7682762742	Sum of GTIs [s]
ontime5	3282.8503562808	Sum of GTIs [s]
ontime6	3282.8093162775	Sum of GTIs [s]
ontime7	3282.8913962841	Sum of GTIs [s]
ontime8	3282.7272362709	Sum of GTIs [s]
ontime9	3282.9324362874	Sum of GTIs [s]
l2events	87601	Number of level 2 events

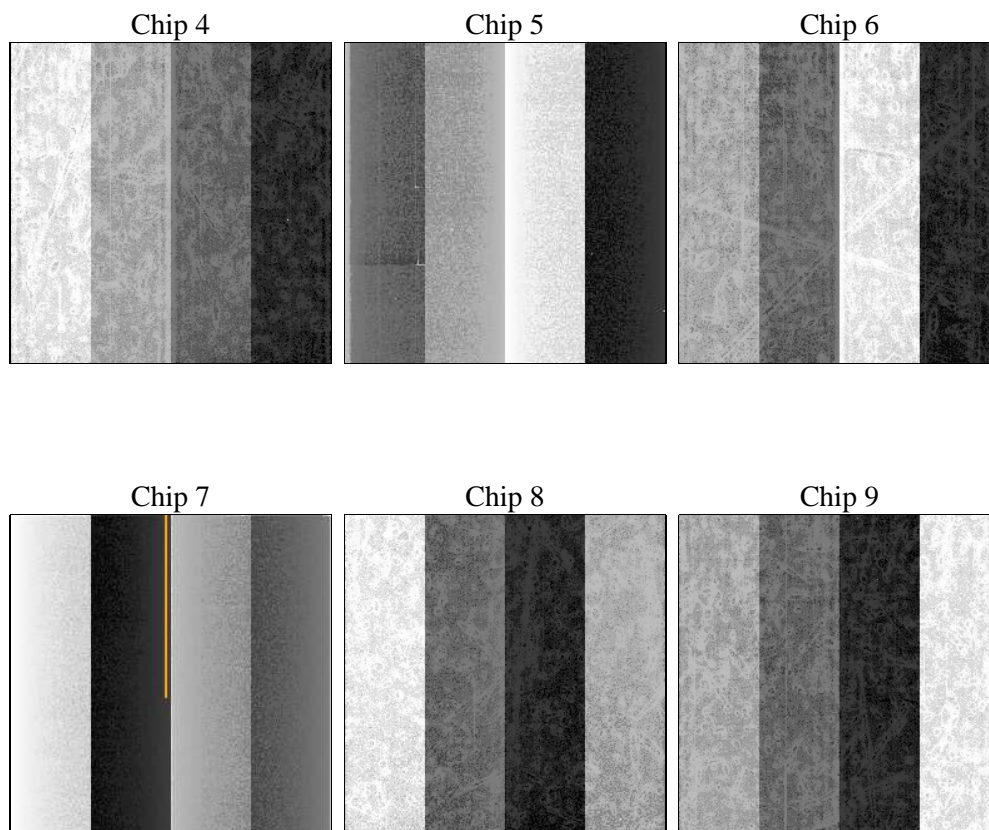
2 OBI

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	10.1.1	Processing system revision	ontime	3282.8913962841	Sum of GTIs [s]
caldbver	4.5.8	 	ontime4	3282.7682762742	Sum of GTIs [s]
date	2013-11-11T13:41:31	Date and time of file creation	ontime5	3282.8503562808	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	3282.8093162775	Sum of GTIs [s]
			ontime7	3282.8913962841	Sum of GTIs [s]
			ontime8	3282.7272362709	Sum of GTIs [s]
			ontime9	3282.9324362874	Sum of GTIs [s]
			l1events	329932	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	54154	52755	54090	48360	59568	61005	grade 0 events	7011	3303	5978	3123	6875	5912
rejected events	41547	28647	42037	26438	44147	49095		12%	6%	11%	6%	11%	9%
rejected %	76%	54%	77%	54%	74%	80%	grade 1 events	44	63	31	23	30	35
								0%	0%	0%	0%	0%	0%
							grade 2 events	2177	8577	2375	5381	3163	2334
								4%	16%	4%	11%	5%	3%
							grade 3 events	837	814	817	1824	1197	865
								1%	1%	1%	3%	2%	1%
							grade 4 events	883	810	762	1820	1173	822
								1%	1%	1%	3%	1%	1%
							grade 5 events	1167	2635	1175	2884	1594	1331
								2%	4%	2%	5%	2%	2%
							grade 6 events	1699	10604	2121	9774	3013	1977
								3%	20%	3%	20%	5%	3%
							grade 7 events	40336	25949	40831	23531	42523	47729
								74%	49%	75%	48%	71%	78%

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	64.96837000871697	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	32.41084156030347	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	125.1544410172089	[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)	500387303.545312	500387302.52031			
Observation start date	2013-11-09T12:28:24	2013-11-09T12:28:22			
[s] Observation end time (MET)	500392481.845596	500392480.8206			
Observation end date	2013-11-09T13:54:42	2013-11-09T13:54:40			
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)	2013.11.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.2828913962841

A.2 Comments