

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 59703 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 22 2012

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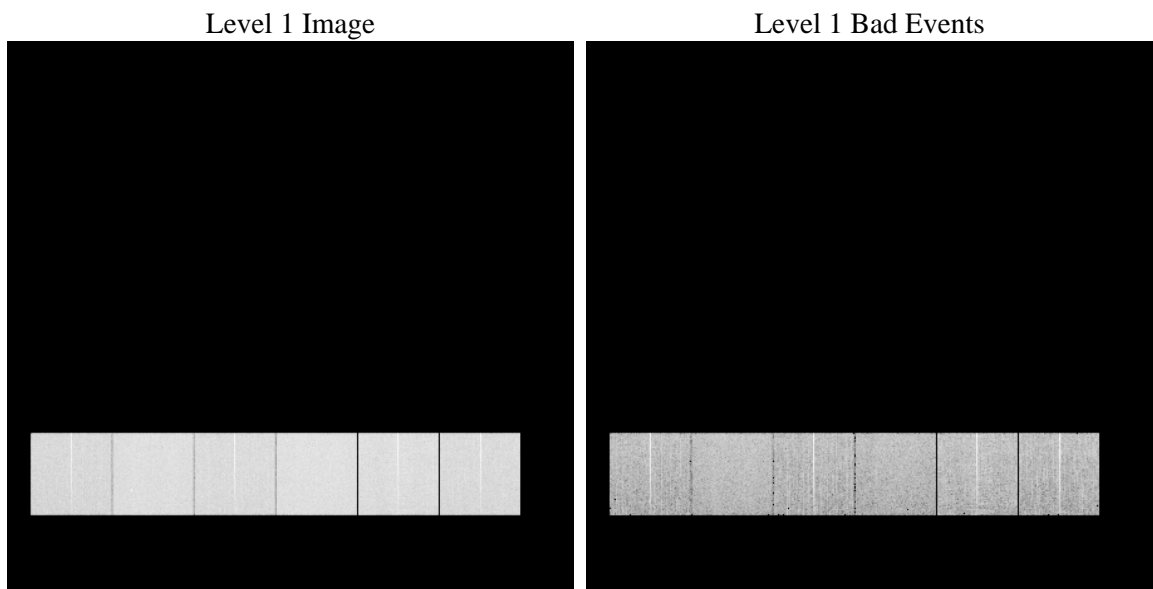
1 Front

seq_num	 	Sequence number
obs_id	59703	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	190.03238517528	Nominal RA [deg]
dec_nom	-30.995209195207	Nominal Dec [deg]
roll_nom	334.81741657304	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8274.4894253612	Sum of GTIs [s]
livetime	8169.7128579579	Livetime [s]
ontime4	6776.9609796405	Sum of GTIs [s]
ontime5	8274.4483853579	Sum of GTIs [s]
ontime6	7230.8127599955	Sum of GTIs [s]
ontime7	8274.4894253612	Sum of GTIs [s]
ontime8	7522.3856983483	Sum of GTIs [s]
ontime9	7081.6126691699	Sum of GTIs [s]
l2events	1081750	Number of level 2 events

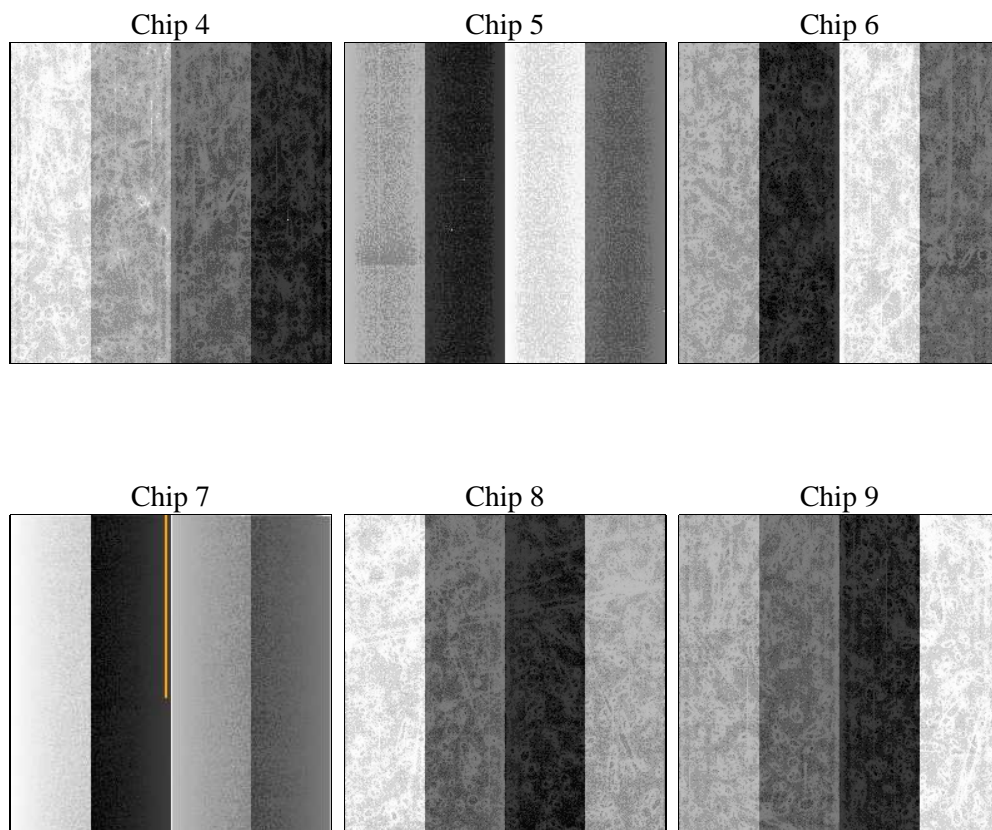
2 OBI

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	8.5.1.1	Processing system revision	ontime	8274.4894253612	Sum of GTIs [s]
caldsver	4.5.5	 	ontime4	6776.9609796405	Sum of GTIs [s]
date	2012-12-22T05:26:22	Date and time of file creation	ontime5	8274.4483853579	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	7230.8127599955	Sum of GTIs [s]
			ontime7	8274.4894253612	Sum of GTIs [s]
			ontime8	7522.3856983483	Sum of GTIs [s]
			ontime9	7081.6126691699	Sum of GTIs [s]
			l1events	1491201	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	215789	263337	239918	279868	261414	230875	grade 0 events	93410	38413	100943	53385	107971	96614
rejected events	55066	60388	54381	51584	62469	55884		43%	14%	42%	19%	41%	41%
rejected %	25%	22%	22%	18%	23%	24%	grade 1 events	754	187	513	178	557	592
								0%	0%	0%	0%	0%	0%
							grade 2 events	25027	77317	32229	50125	35078	29646
								11%	29%	13%	17%	13%	12%
							grade 3 events	10869	10909	11563	22744	12901	11314
								5%	4%	4%	8%	4%	4%
							grade 4 events	10803	10552	11309	22319	12776	11137
								5%	4%	4%	7%	4%	4%
							grade 5 events	3195	9103	3420	8916	4259	3754
								1%	3%	1%	3%	1%	1%
							grade 6 events	20614	65836	29593	79793	30219	26280
								9%	25%	12%	28%	11%	11%
							grade 7 events	51117	51020	50348	42408	57653	51538
								23%	19%	20%	15%	22%	22%

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	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	190.0323851752815	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-30.99520919520657	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	334.8174165730422			
[mm] SIM focus pos	-0.684267	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	229633927.731189	229633926.70617			
Observation start date	2005-04-11T19:12:08	2005-04-11T19:12:06			
[s] Observation end time (MET)	229656440.832214	229656439.8072			
Observation end date	2005-04-12T01:27:21	2005-04-12T01:27:19			
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)	2013.01.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2744894253612

A.2 Comments