

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60820 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 24 2012

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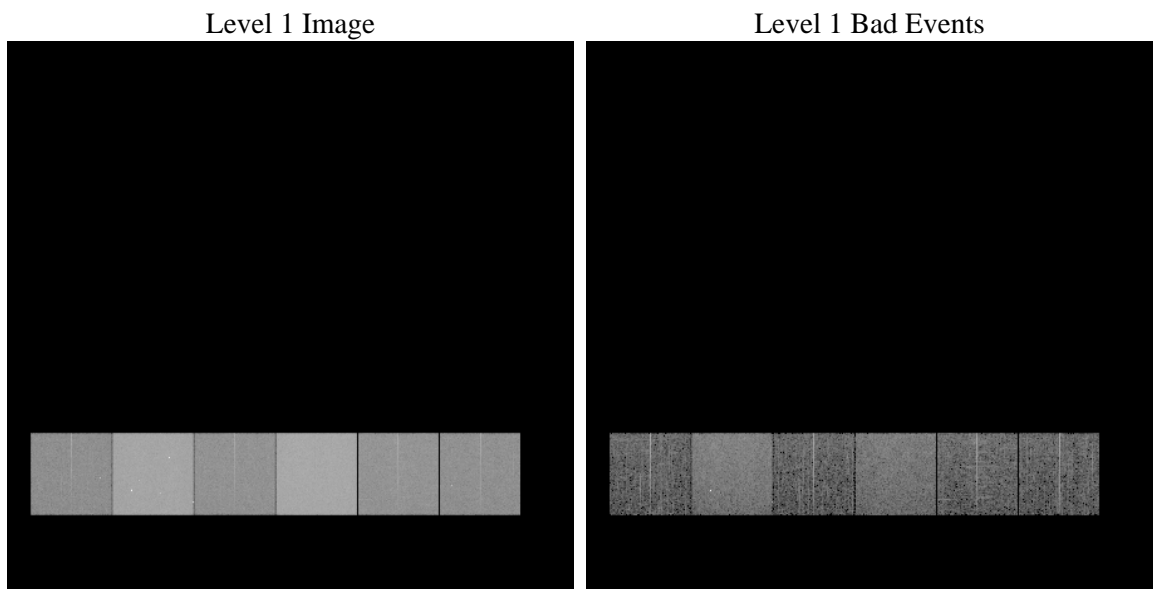
1 Front

seq_num	 	Sequence number
obs_id	60820	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	185.21503525483	Nominal RA [deg]
dec_nom	-28.974651680162	Nominal Dec [deg]
roll_nom	29.680661905058	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8462.2617658079	Sum of GTIs [s]
livetime	8355.1075119669	Livetime [s]
ontime4	3536.0686170757	Sum of GTIs [s]
ontime5	8462.2617658079	Sum of GTIs [s]
ontime6	3860.0693764091	Sum of GTIs [s]
ontime7	8462.2617658079	Sum of GTIs [s]
ontime8	4015.6372746229	Sum of GTIs [s]
ontime9	3659.1261024177	Sum of GTIs [s]
l2events	1266339	Number of level 2 events

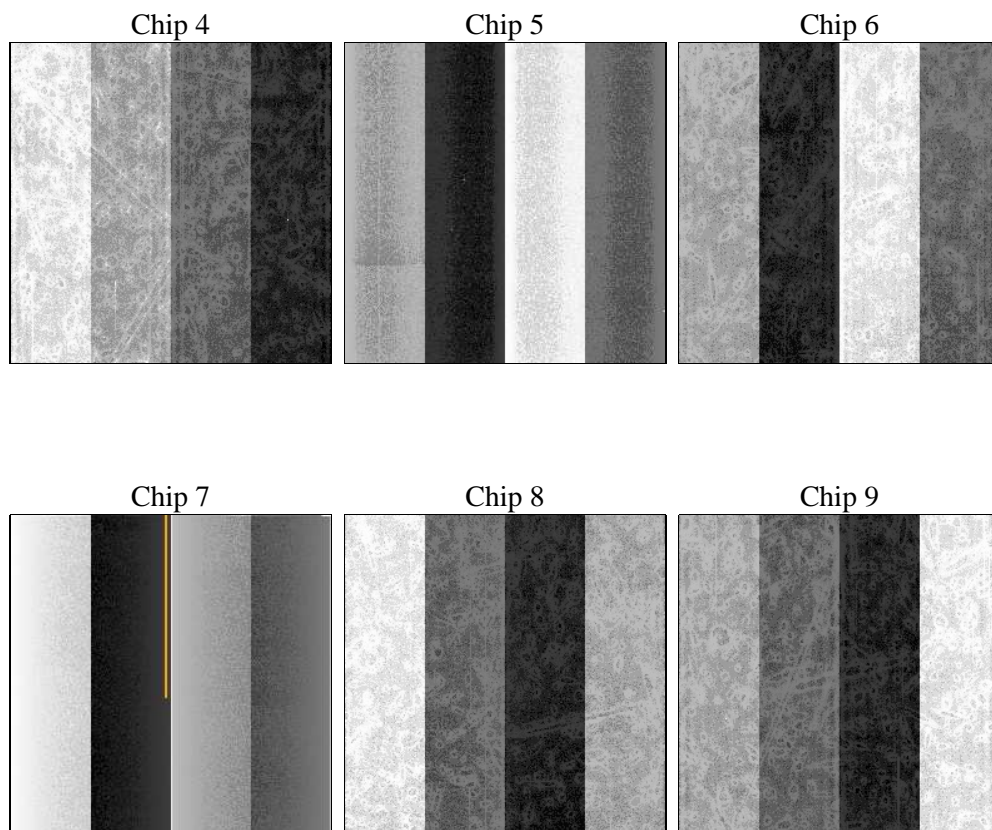
2 OBI

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	8.4.5	Processing system revision	ontime	8462.2617658079	Sum of GTIs [s]
caldbver	4.5.2	 	ontime4	3536.0686170757	Sum of GTIs [s]
date	2012-10-24T12:37:23	Date and time of file creation	ontime5	8462.2617658079	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	3860.0693764091	Sum of GTIs [s]
			ontime7	8462.2617658079	Sum of GTIs [s]
			ontime8	4015.6372746229	Sum of GTIs [s]
			ontime9	3659.1261024177	Sum of GTIs [s]
			l1events	1542545	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	168534	381396	193401	414728	205282	179204	grade 0 events	81626	73906	91344	92303	96219	83781
rejected events	27492	58462	26896	45023	30457	27111		48%	19%	47%	22%	46%	46%
rejected %	16%	15%	13%	10%	14%	15%	grade 1 events	568	335	438	218	487	471
								0%	0%	0%	0%	0%	0%
							grade 2 events	22678	117077	28752	81671	30173	26220
								13%	30%	14%	19%	14%	14%
							grade 3 events	9308	19985	10252	37310	11413	9764
								5%	5%	5%	8%	5%	5%
							grade 4 events	9417	19346	10215	37388	11422	9702
								5%	5%	5%	9%	5%	5%
							grade 5 events	1724	11430	1898	8633	2313	1899
								1%	2%	0%	2%	1%	1%
							grade 6 events	18154	92620	25942	121033	25598	22626
								10%	24%	13%	29%	12%	12%
							grade 7 events	25059	46697	24560	36172	27657	24741
								14%	12%	12%	8%	13%	13%

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	185.2150352548285	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-28.97465168016198	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	29.68066190505803			
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	163385407.327654	163385406.30296			
Observation start date	2003-03-07T00:50:07	2003-03-07T00:50:06			
[s] Observation end time (MET)	163399283.778236	163399282.75355			
Observation end date	2003-03-07T04:41:24	2003-03-07T04:41:22			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.12.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4622617658079

A.2 Comments