

V&V Reference Report

L2 ASCDS Version : 8.5

Observation 60103 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 7 2012

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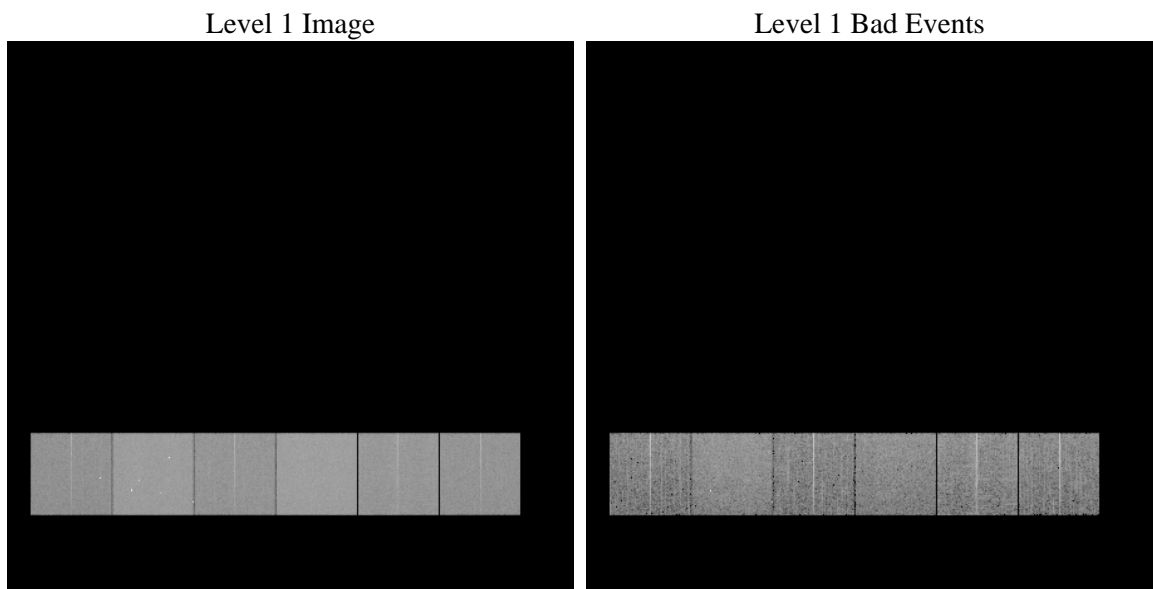
1 Front

seq_num	 	Sequence number
obs_id	60103	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	20.985052243614	Nominal RA [deg]
dec_nom	-33.975775315642	Nominal Dec [deg]
roll_nom	88.716228563107	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7800.2670718729	Sum of GTIs [s]
livetime	7701.4953934519	Livetime [s]
ontime4	5233.2974006534	Sum of GTIs [s]
ontime5	7800.2260318696	Sum of GTIs [s]
ontime6	5674.1094109416	Sum of GTIs [s]
ontime7	7800.2670718729	Sum of GTIs [s]
ontime8	5845.799462676	Sum of GTIs [s]
ontime9	5454.6299258173	Sum of GTIs [s]
l2events	1075515	Number of level 2 events

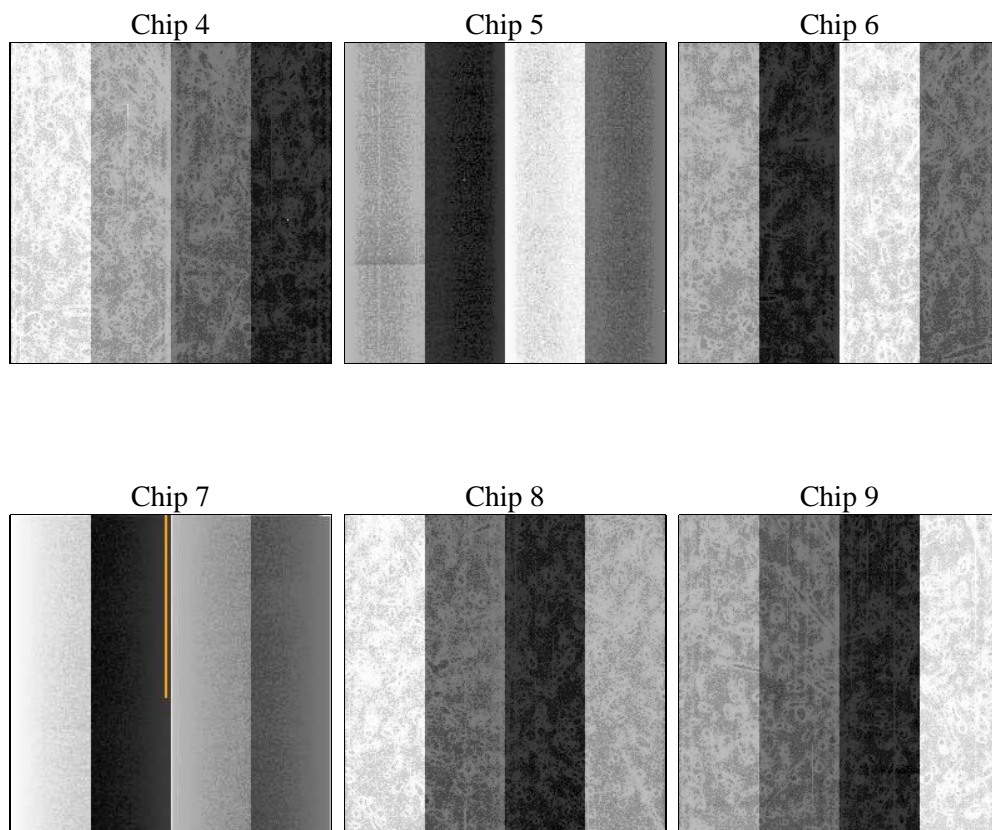
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	3	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.5	Processing system revision	ontime	7800.2670718729	Sum of GTIs [s]
caldsver	4.5.4	 	ontime4	5233.2974006534	Sum of GTIs [s]
date	2012-12-07T07:00:20	Date and time of file creation	ontime5	7800.2260318696	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	5674.1094109416	Sum of GTIs [s]
			ontime7	7800.2670718729	Sum of GTIs [s]
			ontime8	5845.799462676	Sum of GTIs [s]
			ontime9	5454.6299258173	Sum of GTIs [s]
			l1events	1413225	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	189272	280764	214489	295920	231393	201387	grade 0 events	86484	52993	93872	60948	99333	88106
rejected events	40156	54415	41460	45683	48334	41498		45%	18%	43%	20%	42%	43%
rejected %	21%	19%	19%	15%	20%	20%	grade 1 events	633	676	484	167	523	532
								0%	0%	0%	0%	0%	0%
							grade 2 events	23708	79636	30184	55421	32263	27385
								12%	28%	14%	18%	13%	13%
							grade 3 events	9983	13948	10642	24929	11851	10314
								5%	4%	4%	8%	5%	5%
							grade 4 events	9851	13692	10921	24684	11979	10222
								5%	4%	5%	8%	5%	5%
							grade 5 events	2414	8732	2679	8294	3401	2837
								1%	3%	1%	2%	1%	1%
							grade 6 events	19090	66080	27410	84255	27633	23862
								10%	23%	12%	28%	11%	11%
							grade 7 events	37109	45007	38297	37222	44410	38129
								19%	16%	17%	12%	19%	18%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-456789	ACIS-456789
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	20.98505224361372
[deg] Pointing Dec	0	-33.97577531564171
[deg] Pointing Roll	0.0	88.71622856310742
[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)	208343741.973734	208343740.94874
Observation start date	2004-08-08T09:15:42	2004-08-08T09:15:40
[s] Observation end time (MET)	208389922.325787	208389921.30079
Observation end date	2004-08-08T22:05:22	2004-08-08T22:05:21
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.12.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.8002670718729

A.2 Comments