

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60499 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 6 2012

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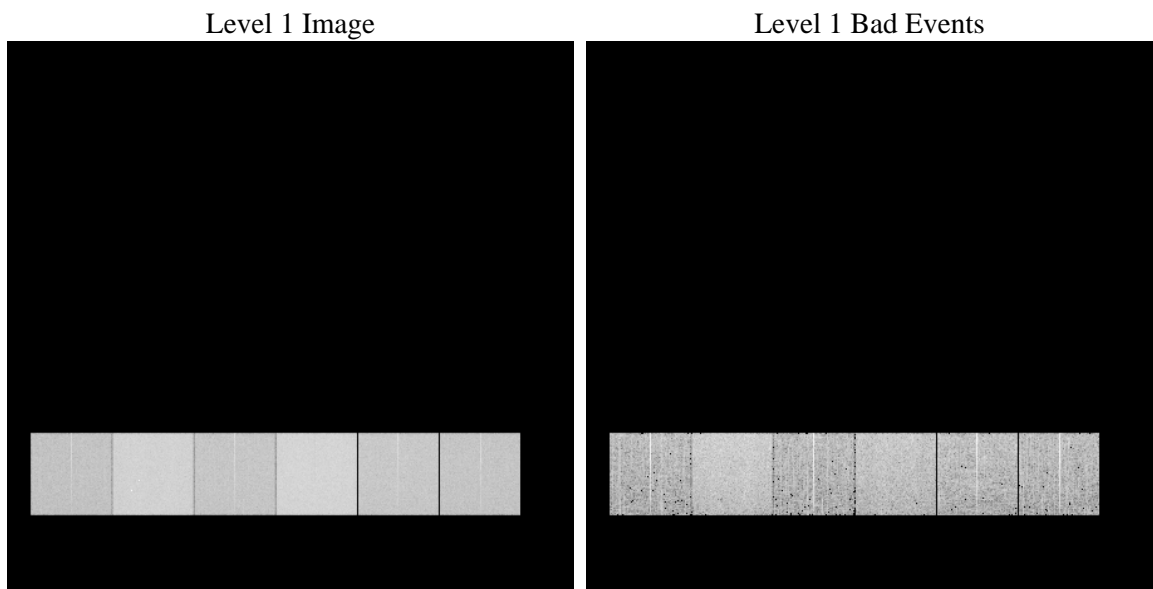
1 Front

seq_num	 	Sequence number
obs_id	60499	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	40.020634245395	Nominal RA [deg]
dec_nom	-24.978390248368	Nominal Dec [deg]
roll_nom	16.28323607187	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8463.297049731	Sum of GTIs [s]
livetime	8356.1296865017	Livetime [s]
ontime4	4684.1999552846	Sum of GTIs [s]
ontime5	8463.2560097277	Sum of GTIs [s]
ontime6	5037.5077085495	Sum of GTIs [s]
ontime7	8463.297049731	Sum of GTIs [s]
ontime8	5293.4633654654	Sum of GTIs [s]
ontime9	4927.4381787181	Sum of GTIs [s]
l2events	1246307	Number of level 2 events

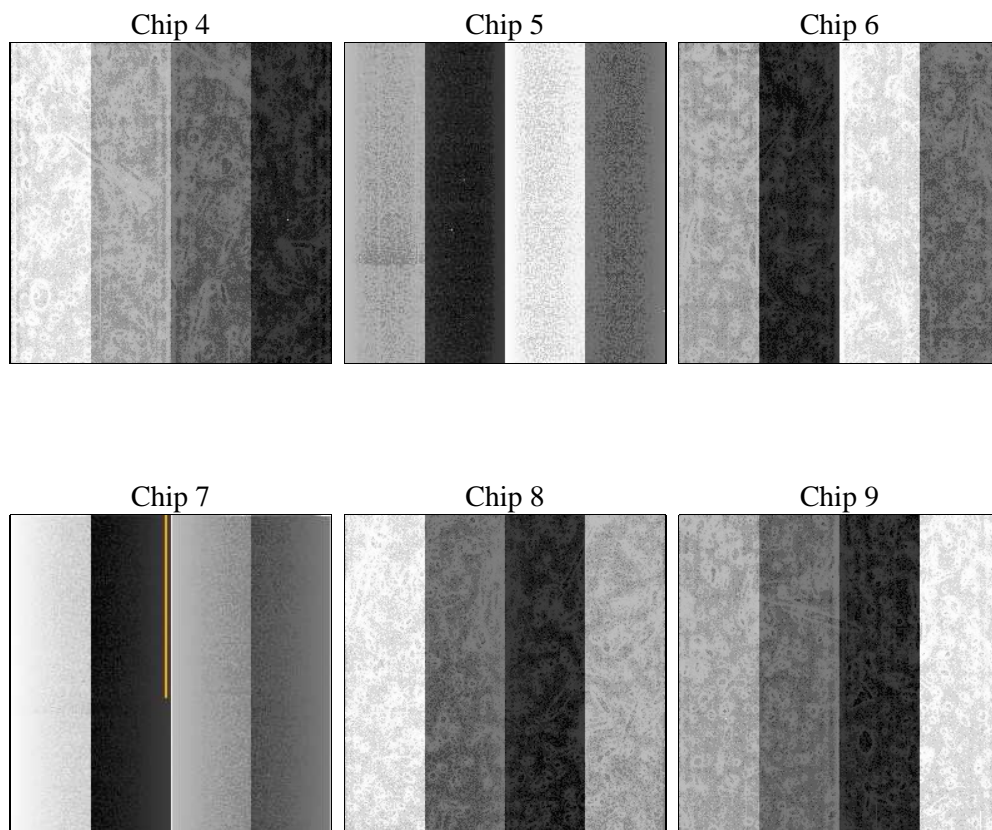
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	8463.297049731	Sum of GTIs [s]
caldsver	4.5.2	 	ontime4	4684.1999552846	Sum of GTIs [s]
date	2012-11-06T03:28:39	Date and time of file creation	ontime5	8463.2560097277	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	5037.5077085495	Sum of GTIs [s]
			ontime7	8463.297049731	Sum of GTIs [s]
			ontime8	5293.4633654654	Sum of GTIs [s]
			ontime9	4927.4381787181	Sum of GTIs [s]
			l1events	1535809	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	193151	327668	218007	356946	232652	207385	grade 0 events	94440	57701	101795	78017	108839	97145
rejected events	32156	52557	32154	41883	35427	32207		48%	17%	46%	21%	46%	46%
rejected %	16%	16%	14%	11%	15%	15%	grade 1 events	626	185	477	198	529	461
								0%	0%	0%	0%	0%	0%
							grade 2 events	24874	105311	31804	69572	34329	29970
								12%	32%	14%	19%	14%	14%
							grade 3 events	10742	15513	11513	31557	12603	11078
								5%	4%	5%	8%	5%	5%
							grade 4 events	10707	15291	11248	31417	12615	11236
								5%	4%	5%	8%	5%	5%
							grade 5 events	1942	8515	2186	7834	2751	2331
								1%	2%	1%	2%	1%	1%
							grade 6 events	20351	81387	29625	104607	28980	25874
								10%	24%	13%	29%	12%	12%
							grade 7 events	29469	43765	29359	33744	32006	29290
								15%	13%	13%	9%	13%	14%

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	40.02063424539516
[deg] Pointing Dec	0	-24.97839024836829
[deg] Pointing Roll	0.0	16.28323607187028
[mm] SIM focus pos	-0.684267	-1.038866356238299
[mm] SIM defocus	0	0.4944702831659975
[mm] SIM translation stage pos	-190.132523	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	183495547.383438	183495546.3587
Observation start date	2003-10-25T18:59:07	2003-10-25T18:59:06
[s] Observation end time (MET)	183507701.833961	183507700.80923
Observation end date	2003-10-25T22:21:42	2003-10-25T22:21:40
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	0.000000	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)	2012.12.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.463297049731

A.2 Comments