

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60588 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Nov 3 2012

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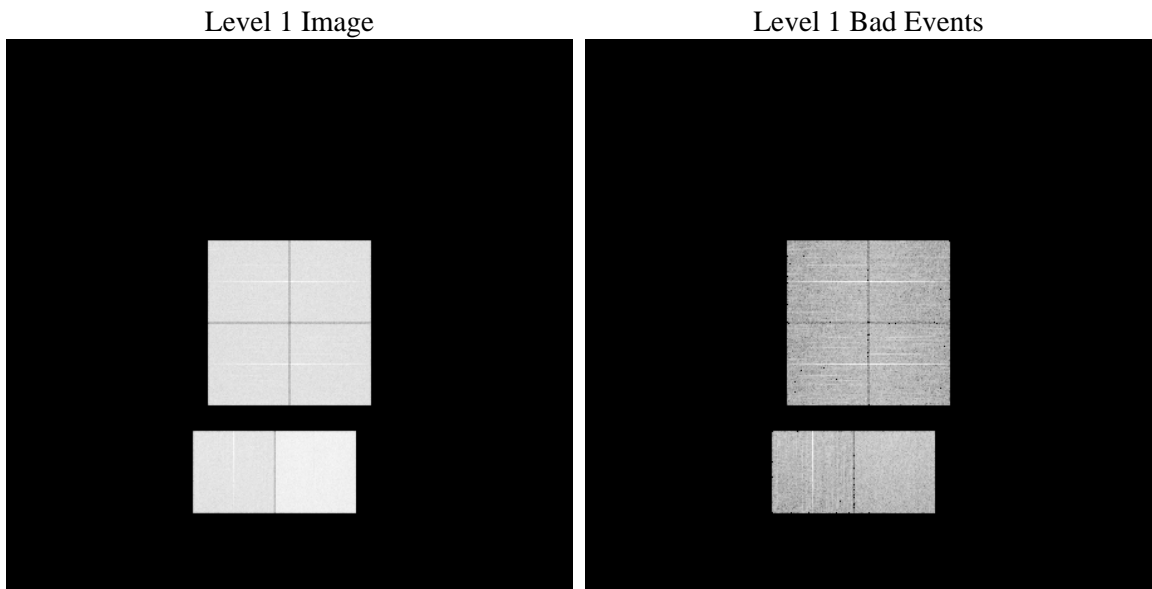
1 Front

seq_num	 	Sequence number
obs_id	60588	Observation id
title	ACIS-012367 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	312.58124748657	Nominal RA [deg]
dec_nom	19.677449879121	Nominal Dec [deg]
roll_nom	198.97701699115	Nominal Roll [deg]
revision	4	Processing version of data
ontime	12163.199954689	Sum of GTIs [s]
livetime	12009.182193063	Livetime [s]
ontime0	7279.0537236631	Sum of GTIs [s]
ontime1	7479.9954130352	Sum of GTIs [s]
ontime2	7148.5018475056	Sum of GTIs [s]
ontime3	7233.6803682148	Sum of GTIs [s]
ontime6	7781.4059968591	Sum of GTIs [s]
ontime7	12163.199954689	Sum of GTIs [s]
l2events	1806438	Number of level 2 events

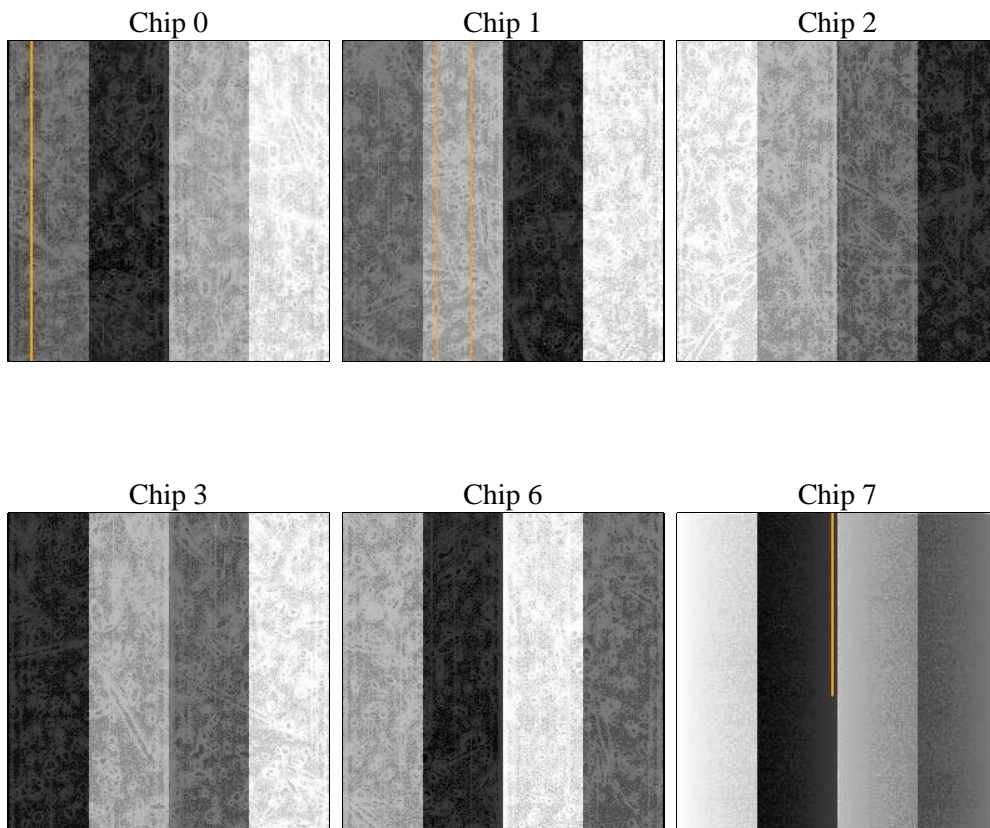
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	10800	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	12163.199954689	Sum of GTIs [s]
caldbver	4.5.2	 	ontime0	7279.0537236631	Sum of GTIs [s]
date	2012-11-03T17:23:27	Date and time of file creation	ontime1	7479.9954130352	Sum of GTIs [s]
revision	4	Processing version of data	ontime2	7148.5018475056	Sum of GTIs [s]
			ontime3	7233.6803682148	Sum of GTIs [s]
			ontime6	7781.4059968591	Sum of GTIs [s]
			ontime7	12163.199954689	Sum of GTIs [s]
			l1events	2208801	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	320596	327613	320541	327306	361855	550890	grade 0 events	150636	154446	152835	155117	167658	122174
rejected events	48333	47597	48892	52512	54828	66102		46%	47%	47%	47%	46%	22%
rejected %	15%	14%	15%	16%	15%	11%	grade 1 events	862	756	903	882	773	353
								0%	0%	0%	0%	0%	0%
							grade 2 events	47565	49623	46073	47333	53024	106797
								14%	15%	14%	14%	14%	19%
							grade 3 events	17569	17893	17859	17919	19109	49233
								5%	5%	5%	5%	5%	8%
							grade 4 events	17338	17494	17621	17726	19236	48592
								5%	5%	5%	5%	5%	8%
							grade 5 events	3279	3280	3046	3405	3763	12038
								1%	1%	0%	1%	1%	2%
							grade 6 events	40111	41592	38157	37845	49084	159637
								12%	12%	11%	11%	13%	28%
							grade 7 events	43236	42529	44047	47079	49208	52066
								13%	12%	13%	14%	13%	9%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	312.5812753949597	312.5812474865682
[deg] Pointing Dec	19.67745888126764	19.67744987912147
[deg] Pointing Roll	198.977007586168	198.9770169911541
[mm] SIM focus pos	-0.68282252473119	-0.68282252473119
[mm] SIM defocus	0.8505140384245534	0.8505140384245534
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	177273083.716531	177273083.716531
Observation start date	2003-08-14T19:01:00	2003-08-14T18:31:23
[s] Observation end time (MET)	177286819.192918	177286819.192918
Observation end date	2003-08-14T22:01:00	2003-08-14T22:20:19
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	OVERRIDE	OVERRIDE
Number of optional ACIS chips dropped	0	0
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	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.12.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	12.163199954689

A.2 Comments