

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56987 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 9 2012

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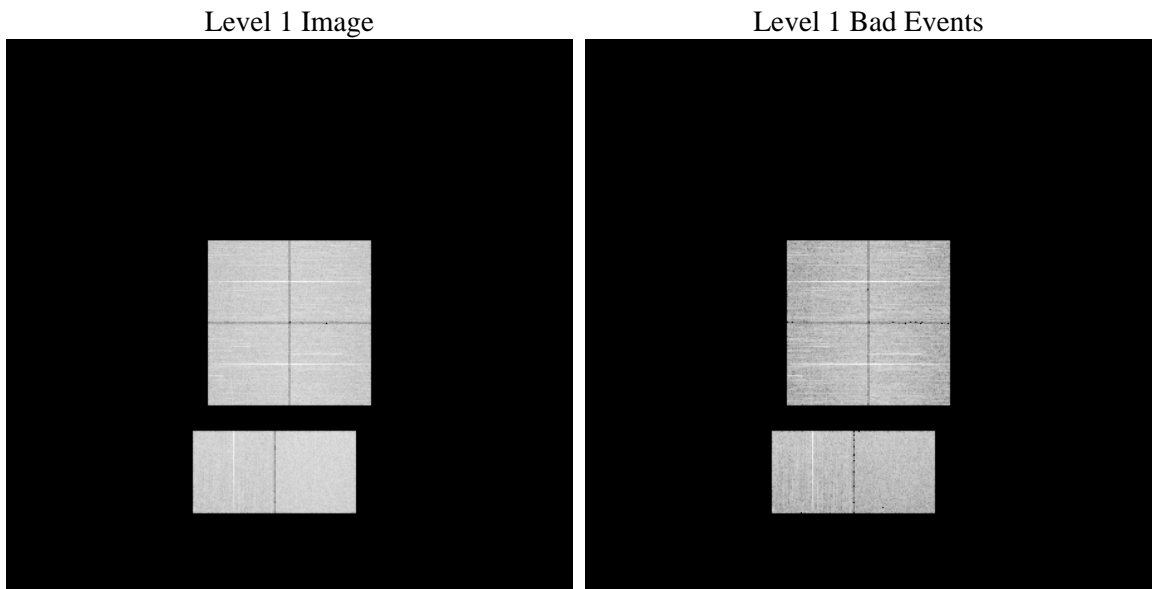
1 Front

seq_num	 	Sequence number
obs_id	56987	Observation id
title	ACIS-012367 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycycle	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	12.939001947479	Nominal RA [deg]
dec_nom	-43.213428357142	Nominal Dec [deg]
roll_nom	94.421666203218	Nominal Roll [deg]
revision	2	Processing version of data
ontime	6959.9999741316	Sum of GTIs [s]
livetime	6871.8682636503	Livetime [s]
ontime0	6959.9999741316	Sum of GTIs [s]
ontime1	6959.9999741316	Sum of GTIs [s]
ontime2	6959.9999741316	Sum of GTIs [s]
ontime3	6959.9999741316	Sum of GTIs [s]
ontime6	6959.9999741316	Sum of GTIs [s]
ontime7	6959.9999741316	Sum of GTIs [s]
l2events	403454	Number of level 2 events

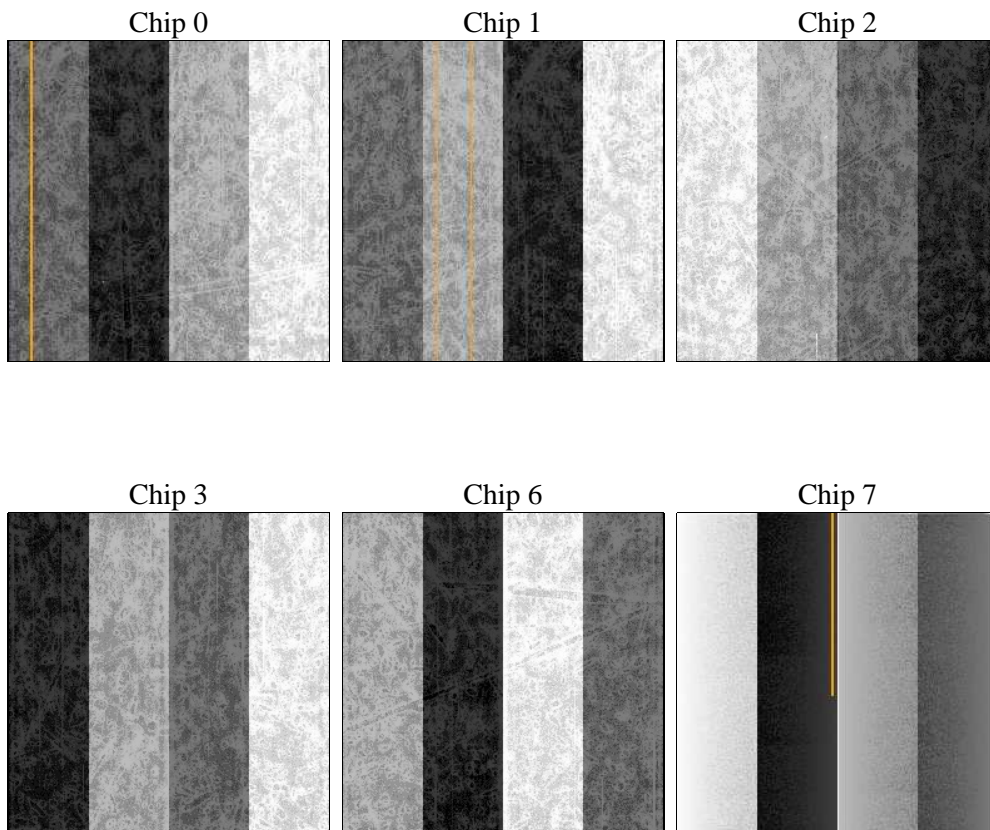
2 OBI

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	6959.9999741316	Sum of GTIs [s]
caldbver	4.4.10	 	ontime0	6959.9999741316	Sum of GTIs [s]
date	2012-06-09T23:50:58	Date and time of file creation	ontime1	6959.9999741316	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	6959.9999741316	Sum of GTIs [s]
			ontime3	6959.9999741316	Sum of GTIs [s]
			ontime6	6959.9999741316	Sum of GTIs [s]
			ontime7	6959.9999741316	Sum of GTIs [s]
			l1events	830367	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	129193	131891	133328	135303	137344	163308	grade 0 events	35504	34625	36641	36132	36178	18504
rejected events	64132	66976	67991	70123	69792	65087		27%	26%	27%	26%	26%	11%
rejected %	49%	50%	50%	51%	50%	39%	grade 1 events	251	223	332	320	246	144
								0%	0%	0%	0%	0%	0%
							grade 2 events	12153	12646	11398	11570	12572	21986
								9%	9%	8%	8%	9%	13%
							grade 3 events	4518	4534	4520	4690	4381	9242
								3%	3%	3%	3%	3%	5%
							grade 4 events	4592	4444	4642	4706	4621	9121
								3%	3%	3%	3%	3%	5%
							grade 5 events	3562	3726	3333	4072	3813	9907
								2%	2%	2%	3%	2%	6%
							grade 6 events	10215	10520	9931	9854	11756	42142
								7%	7%	7%	7%	8%	25%
							grade 7 events	58398	61173	62531	63959	63777	52262
								45%	46%	46%	47%	46%	32%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	OVERRIDE	OVERRIDE
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	12.93900194747906	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-43.21342835714201	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	94.42166620321849	[s] Primary exposure time	3.2	3.2
[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)	363296327.775303	363296327.775303			
Observation start date	2009-07-06T19:38:48	2009-07-06T19:38:47			
[s] Observation end time (MET)	363305599.867217	363305599.867217			
Observation end date	2009-07-06T22:13:20	2009-07-06T22:13:19			
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)	2012.06.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.9599999741316

A.2 Comments