

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58455 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Apr 22 2012

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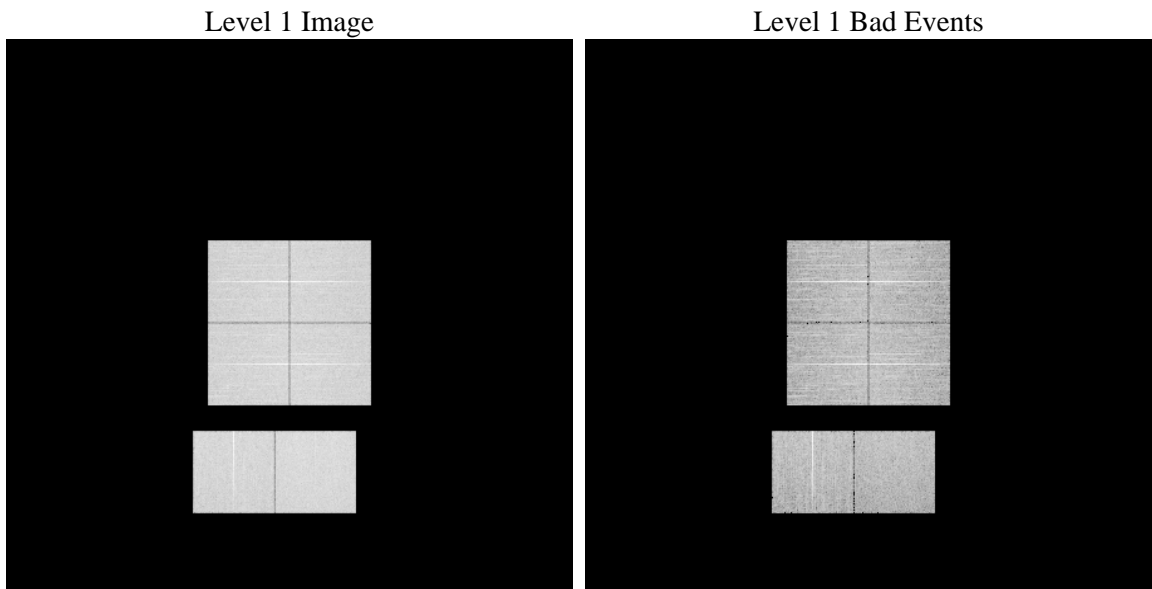
1 Front

seq_num	 	Sequence number
obs_id	58455	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	191.38695101482	Nominal RA [deg]
dec_nom	22.380710756925	Nominal Dec [deg]
roll_nom	182.48101101743	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7657.5999715328	Sum of GTIs [s]
livetime	7560.6348298401	Livetime [s]
ontime0	7657.5685431361	Sum of GTIs [s]
ontime1	7657.5275031328	Sum of GTIs [s]
ontime2	7657.4864631295	Sum of GTIs [s]
ontime3	7657.5999715328	Sum of GTIs [s]
ontime6	7657.4454231262	Sum of GTIs [s]
ontime7	7657.5999715328	Sum of GTIs [s]
l2events	708945	Number of level 2 events

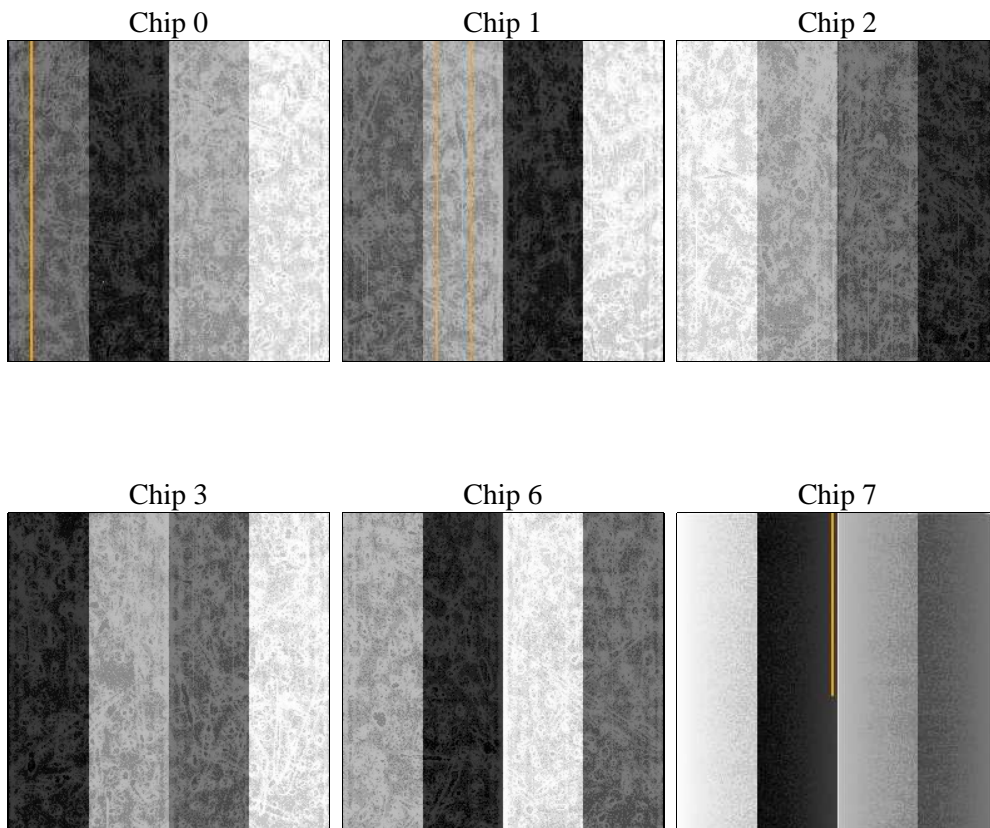
2 OBI

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	8.4.4	Processing system revision	ontime	7657.5999715328	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	7657.5685431361	Sum of GTIs [s]
date	2012-04-22T08:28:01	Date and time of file creation	ontime1	7657.5275031328	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	7657.4864631295	Sum of GTIs [s]
			ontime3	7657.5999715328	Sum of GTIs [s]
			ontime6	7657.4454231262	Sum of GTIs [s]
			ontime7	7657.5999715328	Sum of GTIs [s]
			l1events	1155131	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	185262	183434	189842	189760	194838	211995	grade 0 events	65032	64492	67214	67435	67494	32806
rejected events	68034	64989	70832	70597	71067	62290		35%	35%	35%	35%	34%	15%
rejected %	36%	35%	37%	37%	36%	29%	grade 1 events	470	441	495	474	408	181
								0%	0%	0%	0%	0%	0%
							grade 2 events	20913	21832	20551	20861	22089	33614
								11%	11%	10%	10%	11%	15%
							grade 3 events	7942	7902	8083	8043	8069	14711
								4%	4%	4%	4%	4%	6%
							grade 4 events	7821	8086	7964	8126	7921	14790
								4%	4%	4%	4%	4%	6%
							grade 5 events	3575	3725	3540	4137	4064	10108
								1%	2%	1%	2%	2%	4%
							grade 6 events	17720	18293	17406	16904	20399	56574
								9%	9%	9%	8%	10%	26%
							grade 7 events	61789	58663	64589	63780	64394	49211
								33%	31%	34%	33%	33%	23%

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	191.3870864132717	191.3869510148216
[deg] Pointing Dec	22.3811877020423	22.38071075692496
[deg] Pointing Roll	182.479579762352	182.4810110174315
[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)	291737024.222668	291737024.222668
Observation start date	2007-03-31T14:32:00	2007-03-31T14:03:44
[s] Observation end time (MET)	291746542.055161	291746542.055161
Observation end date	2007-03-31T14:32:00	2007-03-31T16:42:22
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.04.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.6575999715328

A.2 Comments