

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58044 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : May 6 2012

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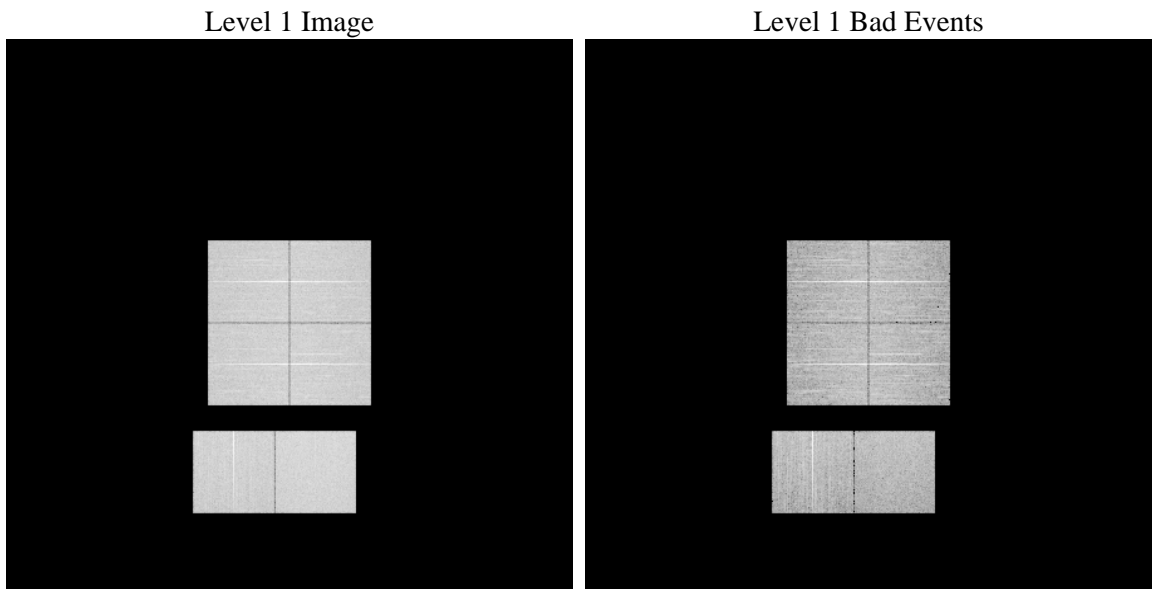
1 Front

seq_num	 	Sequence number
obs_id	58044	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	25.362507453747	Nominal RA [deg]
dec_nom	37.13293867791	Nominal Dec [deg]
roll_nom	274.13677257846	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7983.9999703169	Sum of GTIs [s]
livetime	7882.9017553051	Livetime [s]
ontime0	7983.9999703169	Sum of GTIs [s]
ontime1	7983.9999703169	Sum of GTIs [s]
ontime2	7977.5180098414	Sum of GTIs [s]
ontime3	7980.7589900494	Sum of GTIs [s]
ontime6	7983.9999703169	Sum of GTIs [s]
ontime7	7983.9999703169	Sum of GTIs [s]
l2events	624482	Number of level 2 events

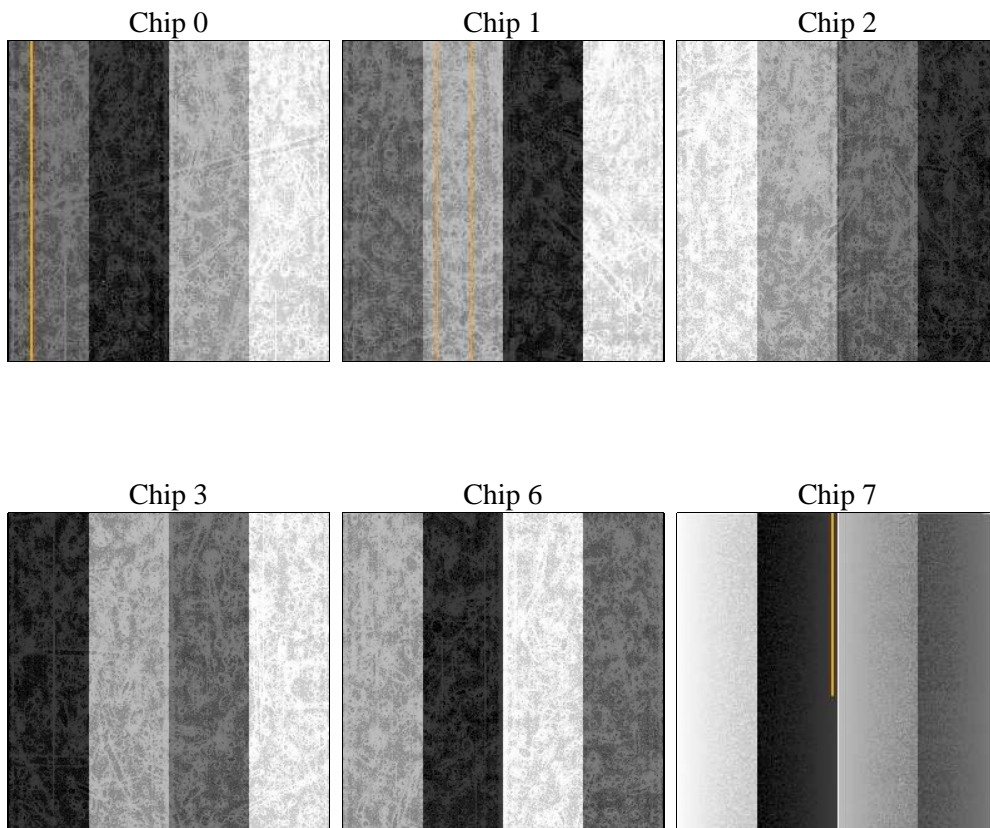
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	7620	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	7983.9999703169	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	7983.9999703169	Sum of GTIs [s]
date	2012-05-06T19:07:55	Date and time of file creation	ontime1	7983.9999703169	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	7977.5180098414	Sum of GTIs [s]
			ontime3	7980.7589900494	Sum of GTIs [s]
			ontime6	7983.9999703169	Sum of GTIs [s]
			ontime7	7983.9999703169	Sum of GTIs [s]
			l1events	1096594	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	174815	173801	179188	180408	183015	205367	grade 0 events	56184	55705	57989	58328	57686	28413
rejected events	72016	70520	75215	76427	75611	67770		32%	32%	32%	32%	31%	13%
rejected %	41%	40%	41%	42%	41%	32%	grade 1 events	413	332	452	422	342	150
								0%	0%	0%	0%	0%	0%
							grade 2 events	18654	19158	18015	17926	19150	30297
								10%	11%	10%	9%	10%	14%
							grade 3 events	6994	6904	7129	7063	6859	13200
								4%	3%	3%	3%	3%	6%
							grade 4 events	6679	6817	7116	7145	6925	13060
								3%	3%	3%	3%	3%	6%
							grade 5 events	3977	3900	3707	4358	4075	10928
								2%	2%	2%	2%	2%	5%
							grade 6 events	15735	16075	15249	14884	18297	54559
								9%	9%	8%	8%	9%	26%
							grade 7 events	66179	64910	69531	70282	69681	54760
								37%	37%	38%	38%	38%	26%

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	233.1738497773684	25.36250745374684
[deg] Pointing Dec	37.1328371182293	37.13293867790991
[deg] Pointing Roll	274.1386562089174	274.136772578457
[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)	315316943.304931	315316943.304931
Observation start date	2007-12-29T12:31:00	2007-12-29T12:02:23
[s] Observation end time (MET)	315333712.069962	315333712.069962
Observation end date	2007-12-29T14:38:00	2007-12-29T16:41:52
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)	2012.05.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.9839999703169

A.2 Comments