

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58292 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 29 2012

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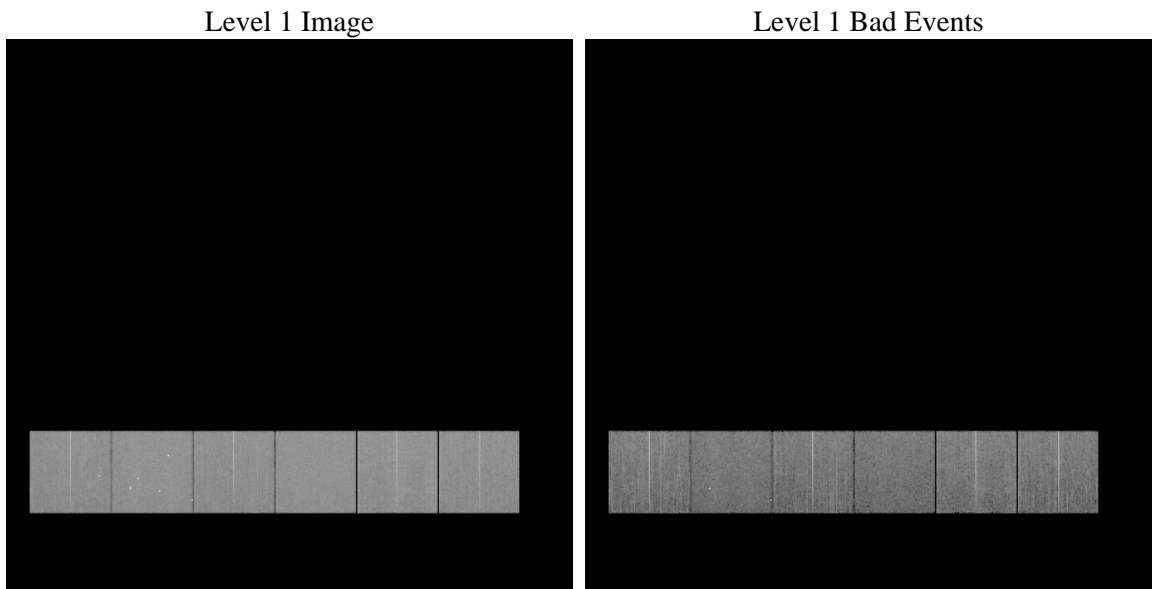
1 Front

seq_num	 	Sequence number
obs_id	58292	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	312.97657952167	Nominal RA [deg]
dec_nom	10.982018555421	Nominal Dec [deg]
roll_nom	180.08721862872	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8169.5999696255	Sum of GTIs [s]
livetime	8066.1515756676	Livetime [s]
ontime4	8169.4917829633	Sum of GTIs [s]
ontime5	8169.5738629699	Sum of GTIs [s]
ontime6	8166.2919222116	Sum of GTIs [s]
ontime7	8169.5999696255	Sum of GTIs [s]
ontime8	8166.2097526193	Sum of GTIs [s]
ontime9	8169.5999696255	Sum of GTIs [s]
l2events	721809	Number of level 2 events

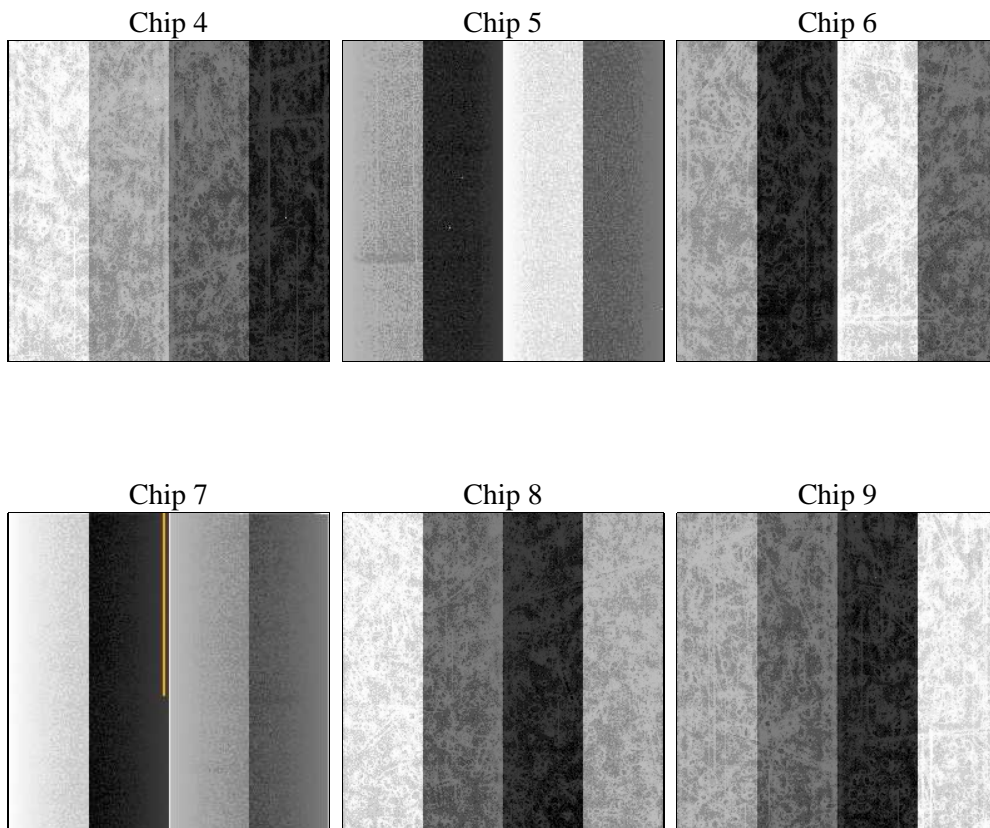
2 OBI

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	8169.5999696255	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8169.4917829633	Sum of GTIs [s]
date	2012-04-29T02:53:33	Date and time of file creation	ontime5	8169.5738629699	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8166.2919222116	Sum of GTIs [s]
			ontime7	8169.5999696255	Sum of GTIs [s]
			ontime8	8166.2097526193	Sum of GTIs [s]
			ontime9	8169.5999696255	Sum of GTIs [s]
			l1events	1258644	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	200526	226003	199243	217206	217663	198003	grade 0 events	68125	27676	65076	31193	69562	64460
rejected events	86144	76310	78569	66938	85207	81011		33%	12%	32%	14%	31%	32%
rejected %	42%	33%	39%	30%	39%	40%	grade 1 events	621	507	351	192	462	478
								0%	0%	0%	0%	0%	0%
							grade 2 events	17048	56022	21689	33251	24215	19872
								8%	24%	10%	15%	11%	10%
							grade 3 events	8008	6472	7654	14303	9069	7922
								3%	2%	3%	6%	4%	4%
							grade 4 events	7813	6277	7608	14084	9110	7799
								3%	2%	3%	6%	4%	3%
							grade 5 events	4086	10618	4360	10423	5448	4753
								2%	4%	2%	4%	2%	2%
							grade 6 events	14695	55101	20067	59320	22121	18419
								7%	24%	10%	27%	10%	9%
							grade 7 events	80130	63330	72438	54440	77676	74300
								39%	28%	36%	25%	35%	37%

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	312.9765795216709
[deg] Pointing Dec	0	10.98201855542146
[deg] Pointing Roll	0.0	180.0872186287216
[mm] SIM focus pos	-0.684267	-0.7809083437167272
[mm] SIM defocus	0	0.7524282956875696
[mm] SIM translation stage pos	-190.132523	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	302514417.987797	302514416.9628
Observation start date	2007-08-03T07:46:58	2007-08-03T07:46:56
[s] Observation end time (MET)	302537986.838928	302537985.81393
Observation end date	2007-08-03T14:19:47	2007-08-03T14:19:45
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	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)	2012.05.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1695999696255

A.2 Comments