

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 58876 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 5 2012

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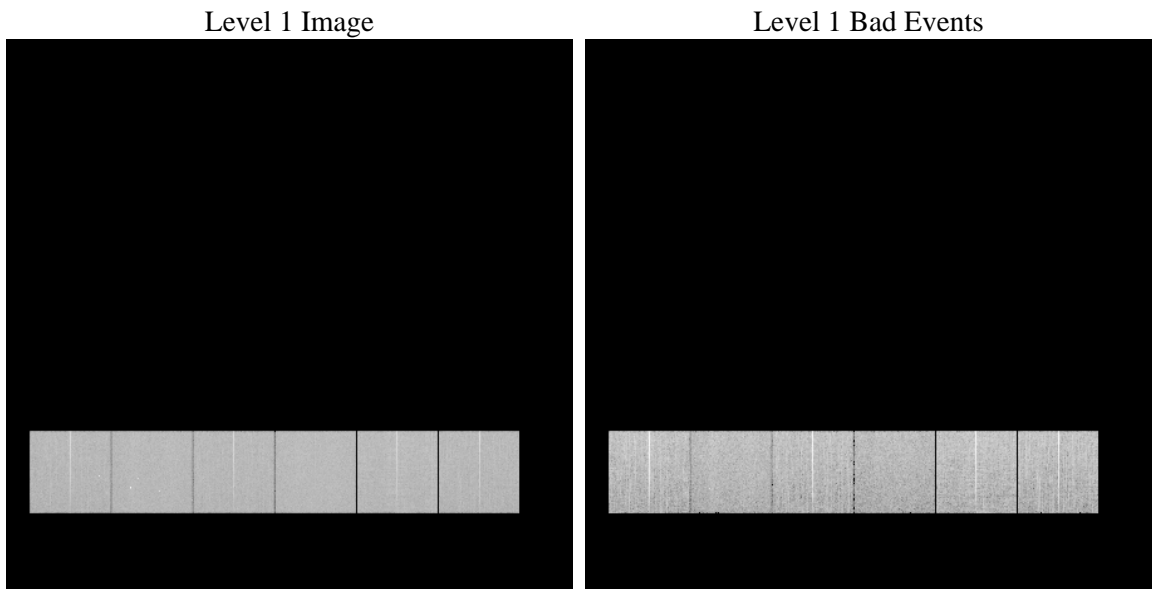
1 Front

seq_num	 	Sequence number
obs_id	58876	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	281.05017685896	Nominal RA [deg]
dec_nom	-53.993711370031	Nominal Dec [deg]
roll_nom	336.37438998079	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8271.999969244	Sum of GTIs [s]
livetime	8167.254924833	Livetime [s]
ontime4	8271.999969244	Sum of GTIs [s]
ontime5	8271.999969244	Sum of GTIs [s]
ontime6	8271.999969244	Sum of GTIs [s]
ontime7	8271.999969244	Sum of GTIs [s]
ontime8	8271.999969244	Sum of GTIs [s]
ontime9	8271.999969244	Sum of GTIs [s]
l2events	916624	Number of level 2 events

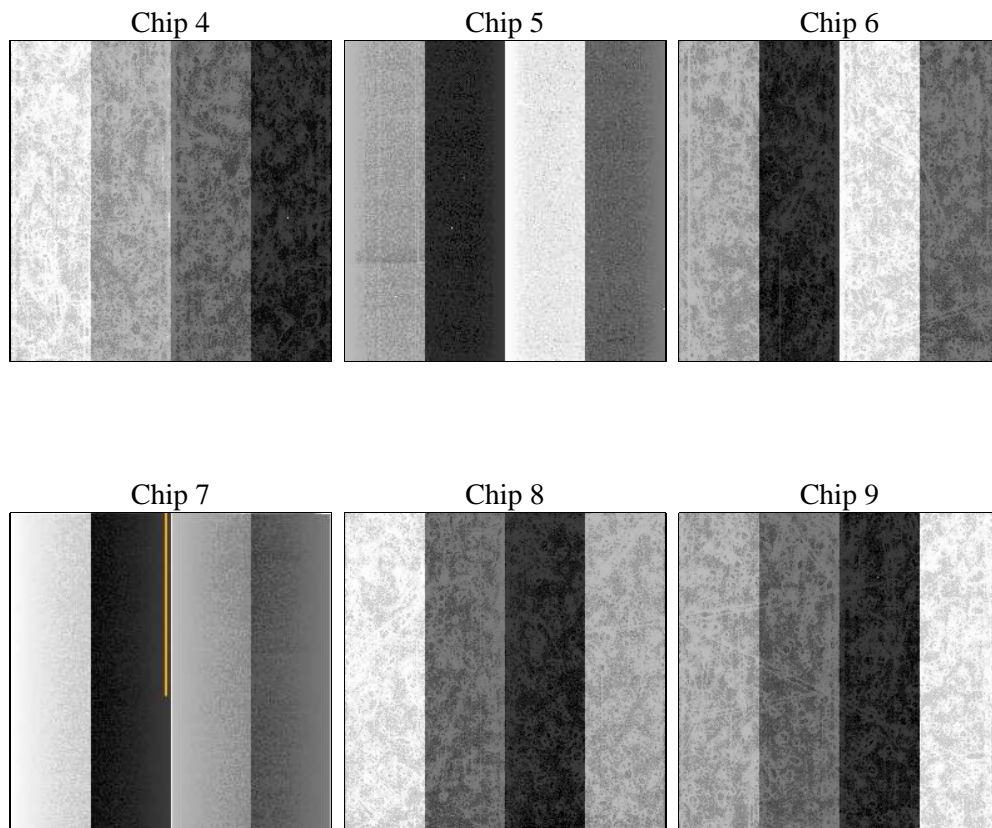
2 OBI

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	8.4.3.1	Processing system revision	ontime	8271.999969244	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8271.999969244	Sum of GTIs [s]
date	2012-04-05T12:47:27	Date and time of file creation	ontime5	8271.999969244	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8271.999969244	Sum of GTIs [s]
			ontime7	8271.999969244	Sum of GTIs [s]
			ontime8	8271.999969244	Sum of GTIs [s]
			ontime9	8271.999969244	Sum of GTIs [s]
			l1events	1417010	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	227218	234315	232505	243307	249304	230361	grade 0 events	86259	27565	84382	40132	89184	83678
rejected events	78984	66378	73815	60372	80409	77016		37%	11%	36%	16%	35%	36%
rejected %	34%	28%	31%	24%	32%	33%	grade 1 events	761	222	488	179	550	602
								0%	0%	0%	0%	0%	0%
							grade 2 events	22291	64880	28370	40111	29922	26100
								9%	27%	12%	16%	12%	11%
							grade 3 events	10079	7938	9907	17338	11413	10011
								4%	3%	4%	7%	4%	4%
							grade 4 events	10144	7696	9739	17408	11138	9653
								4%	3%	4%	7%	4%	4%
							grade 5 events	3887	8971	4166	9985	5131	4613
								1%	3%	1%	4%	2%	2%
							grade 6 events	19461	59858	26292	67946	27238	23903
								8%	25%	11%	27%	10%	10%
							grade 7 events	74336	57185	69161	50208	74728	71801
								32%	24%	29%	20%	29%	31%

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	281.0501768589609
[deg] Pointing Dec	0	-53.99371137003109
[deg] Pointing Roll	0.0	336.3743899807923
[mm] SIM focus pos	-0.684267	-0.6828225247311905
[mm] SIM defocus	0	0.8505141146731063
[mm] SIM translation stage pos	-190.132523	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	269390719.367083	269390718.34206
Observation start date	2006-07-15T22:45:19	2006-07-15T22:45:18
[s] Observation end time (MET)	269413843.368168	269413842.34314
Observation end date	2006-07-16T05:10:43	2006-07-16T05:10:42
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)	2012.04.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.271999969244

A.2 Comments