

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57753 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : May 16 2012

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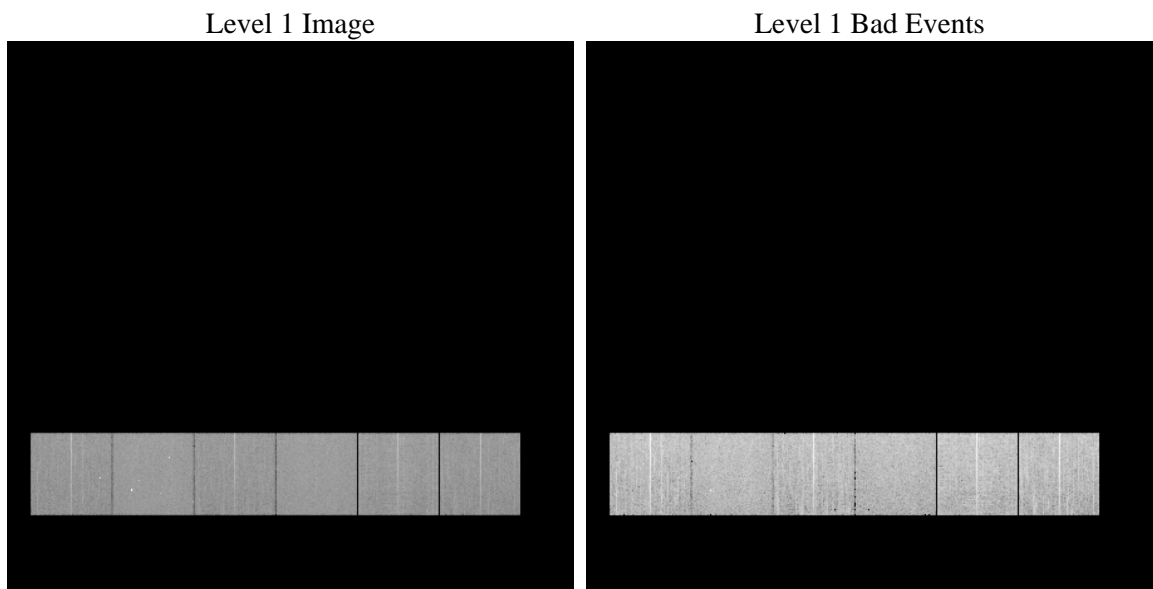
1 Front

seq_num	 	Sequence number
obs_id	57753	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	251.03798327618	Nominal RA [deg]
dec_nom	-42.205911280807	Nominal Dec [deg]
roll_nom	315.28777314889	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7318.3999727964	Sum of GTIs [s]
livetime	7225.7299857295	Livetime [s]
ontime4	7318.3999727964	Sum of GTIs [s]
ontime5	7318.3999727964	Sum of GTIs [s]
ontime6	7318.3999727964	Sum of GTIs [s]
ontime7	7318.3999727964	Sum of GTIs [s]
ontime8	7318.3999727964	Sum of GTIs [s]
ontime9	7318.3999727964	Sum of GTIs [s]
l2events	543211	Number of level 2 events

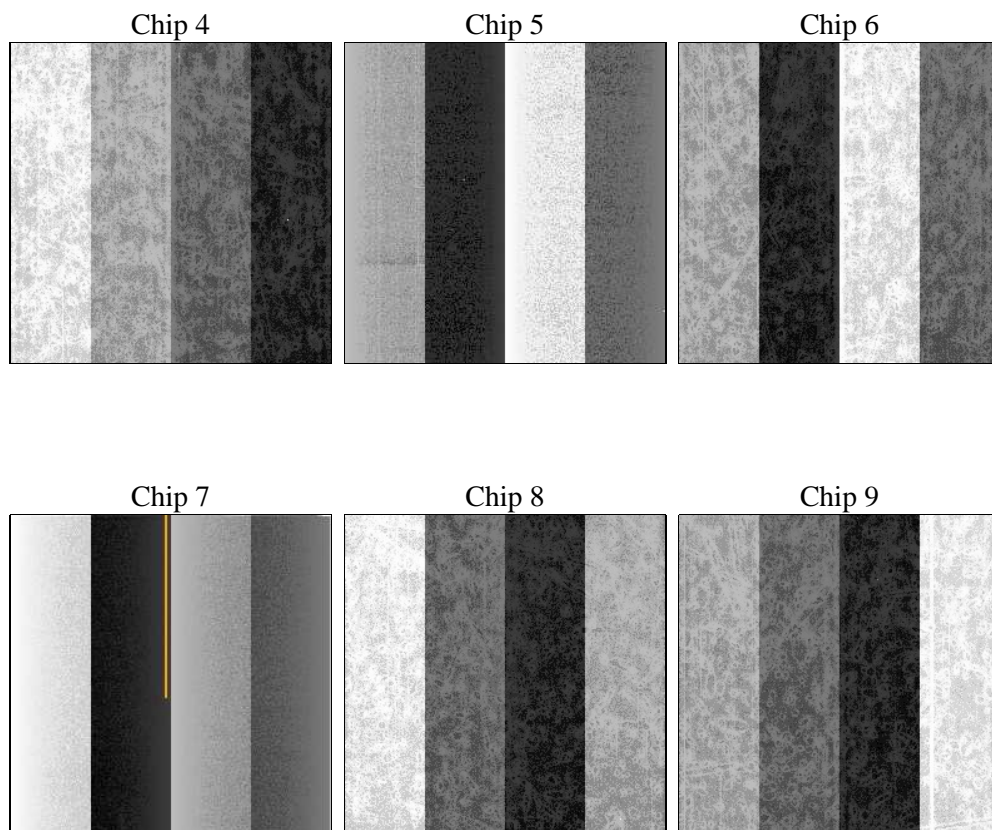
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	6000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	7318.3999727964	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	7318.3999727964	Sum of GTIs [s]
date	2012-05-16T17:25:48	Date and time of file creation	ontime5	7318.3999727964	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	7318.3999727964	Sum of GTIs [s]
			ontime7	7318.3999727964	Sum of GTIs [s]
			ontime8	7318.3999727964	Sum of GTIs [s]
			ontime9	7318.3999727964	Sum of GTIs [s]
			l1events	991738	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	153378	177922	154921	175494	174818	155205	grade 0 events	48890	21538	48050	23806	51425	46814
rejected events	69794	62679	65839	59456	74940	69543		31%	12%	31%	13%	29%	30%
rejected %	45%	35%	42%	33%	42%	44%	grade 1 events	440	311	282	131	357	344
								0%	0%	0%	0%	0%	0%
							grade 2 events	13457	40346	15977	25614	18940	15195
								8%	22%	10%	14%	10%	9%
							grade 3 events	5727	5895	5804	11074	6926	5706
								3%	3%	3%	6%	3%	3%
							grade 4 events	5764	5714	5806	11136	6946	5672
								3%	3%	3%	6%	3%	3%
							grade 5 events	3657	8708	3770	9633	4978	4234
								2%	4%	2%	5%	2%	2%
							grade 6 events	10996	43397	14765	46059	17075	13528
								7%	24%	9%	26%	9%	8%
							grade 7 events	64447	52013	60467	48041	68171	63712
								42%	29%	39%	27%	38%	41%

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	251.0379832761821	251.0379832761821
[deg] Pointing Dec	-42.20591128080709	-42.20591128080709
[deg] Pointing Roll	315.2877731488915	315.2877731488916
[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)	330350360.736217	330350360.736217
Observation start date	2008-06-20T12:18:00	2008-06-20T11:59:20
[s] Observation end time (MET)	330359508.486565	330359508.486565
Observation end date	2008-06-20T13:58:00	2008-06-20T14:31:48
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)	2012.05.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.3183999727964

A.2 Comments