

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 54956 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 29 2012

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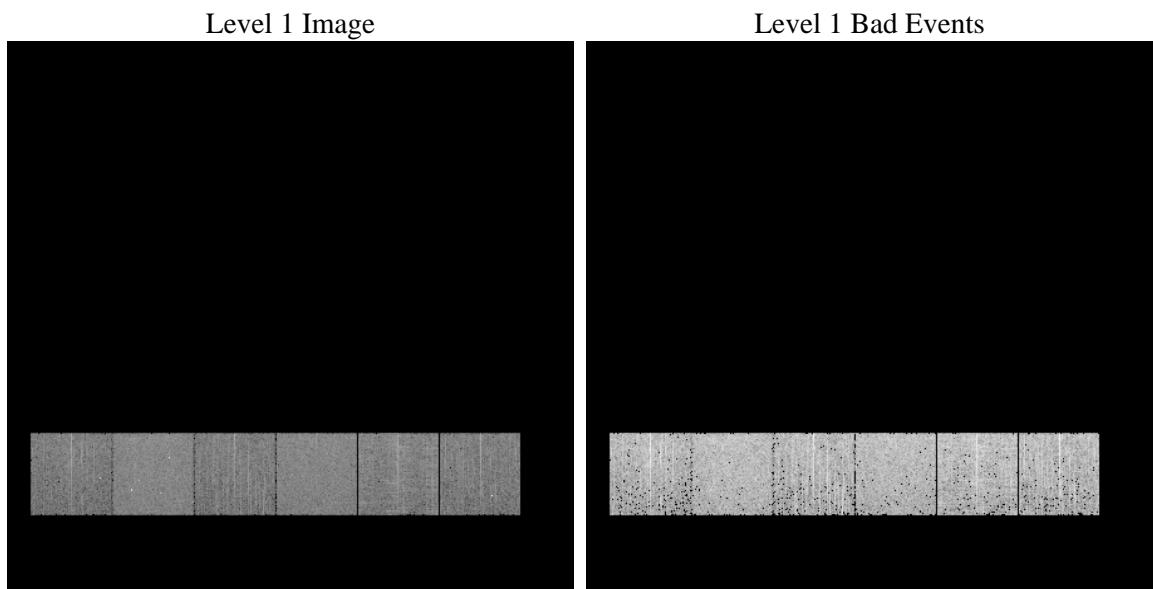
1 Front

seq_num	 	Sequence number
obs_id	54956	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	348.02555992104	Nominal RA [deg]
dec_nom	-57.025277243584	Nominal Dec [deg]
roll_nom	265.94564579106	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3087.9999885559	Sum of GTIs [s]
livetime	3048.8978733305	Livetime [s]
ontime4	3087.9999885559	Sum of GTIs [s]
ontime5	3087.9999885559	Sum of GTIs [s]
ontime6	3087.9999885559	Sum of GTIs [s]
ontime7	3087.9999885559	Sum of GTIs [s]
ontime8	3087.9999885559	Sum of GTIs [s]
ontime9	3087.9999885559	Sum of GTIs [s]
l2events	116142	Number of level 2 events

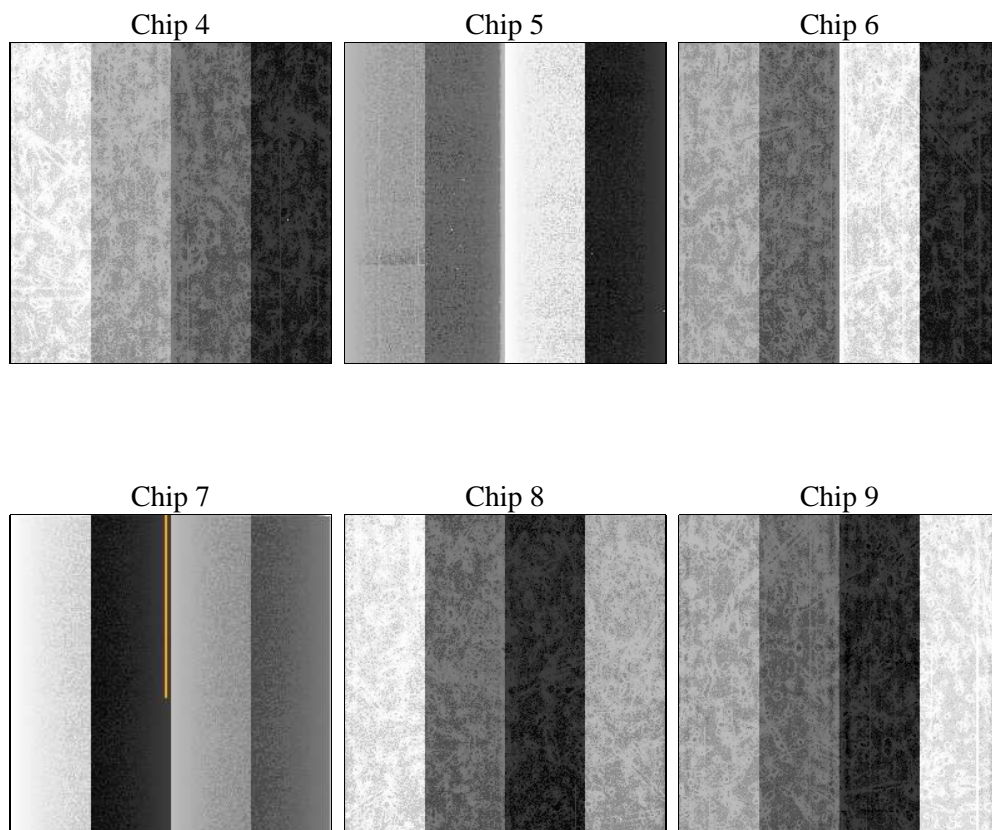
2 OBI

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	Processing system revision	ontime	3087.9999885559	Sum of GTIs [s]
caldsver	4.4.8	 	ontime4	3087.9999885559	Sum of GTIs [s]
date	2012-02-29T16:10:00	Date and time of file creation	ontime5	3087.9999885559	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	3087.9999885559	Sum of GTIs [s]
			ontime7	3087.9999885559	Sum of GTIs [s]
			ontime8	3087.9999885559	Sum of GTIs [s]
			ontime9	3087.9999885559	Sum of GTIs [s]
			l1events	279968	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	39641	54957	41513	51771	49227	42859	grade 0 events	10030	4587	9479	4851	10545	10165
rejected events	23016	25412	24299	24736	27804	25314		25%	8%	22%	9%	21%	23%
rejected %	58%	46%	58%	47%	56%	59%	grade 1 events	89	64	55	39	67	53
								0%	0%	0%	0%	0%	0%
							grade 2 events	2904	10742	3313	6312	4425	3148
								7%	19%	7%	12%	8%	7%
							grade 3 events	1237	1302	1223	2595	1771	1204
								3%	2%	2%	5%	3%	2%
							grade 4 events	1234	1229	1173	2563	1772	1256
								3%	2%	2%	4%	3%	2%
							grade 5 events	1341	2987	1509	3625	1946	1604
								3%	5%	3%	7%	3%	3%
							grade 6 events	2301	13573	3085	12527	4270	2870
								5%	24%	7%	24%	8%	6%
							grade 7 events	20505	20473	21676	19259	24431	22559
								51%	37%	52%	37%	49%	52%

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	348.0255599210359
[deg] Pointing Dec	0	-57.02527724358414
[deg] Pointing Roll	0.0	265.9456457910577
SIM focus pos (mm)	-1.4281808131	-1.4281808131
[mm] SIM defocus	0.1051557500557434	0.1051557500557434
SIM translation stage pos (mm)	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	441634951.264053	441634951.264053
Observation start date	2011-12-30T12:22:31	2011-12-30T12:22:31
[s] Observation end time (MET)	441639499.624434	441639499.624434
Observation end date	2011-12-30T13:38:20	2011-12-30T13:38:19
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)	2012.02.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.0879999885559

A.2 Comments