

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55703 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 2 2012

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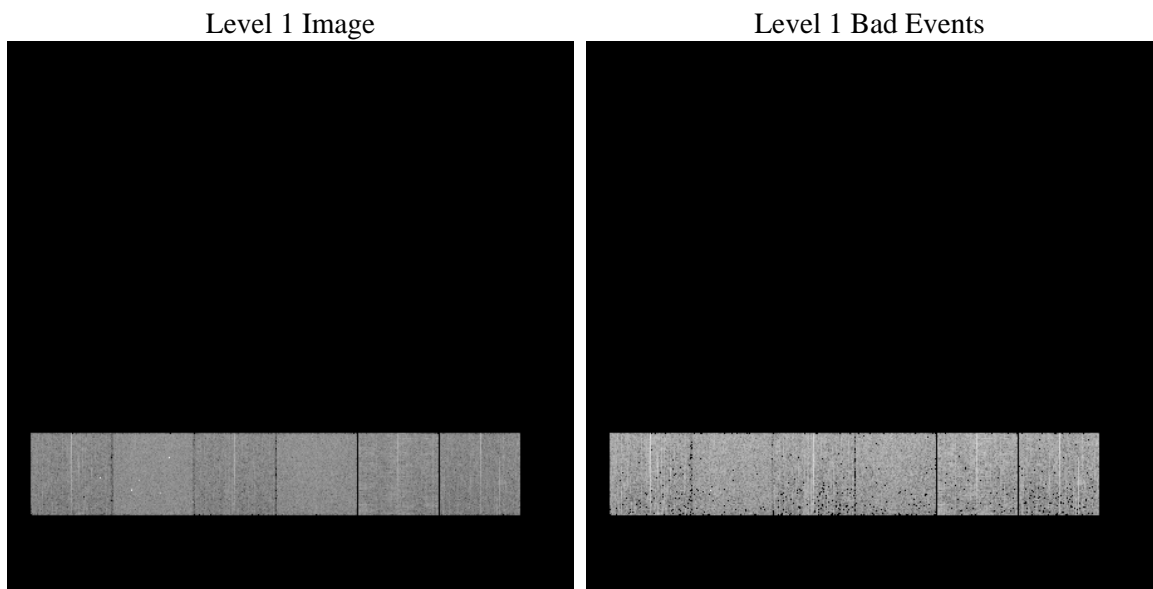
1 Front

seq_num	 	Sequence number
obs_id	55703	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	127.00234642647	Nominal RA [deg]
dec_nom	37.985761299371	Nominal Dec [deg]
roll_nom	174.41370000101	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3278.76486063	Sum of GTIs [s]
livetime	3237.2471657296	Livetime [s]
ontime4	3279.9999878407	Sum of GTIs [s]
ontime5	3278.8059006333	Sum of GTIs [s]
ontime6	3278.8469107747	Sum of GTIs [s]
ontime7	3278.76486063	Sum of GTIs [s]
ontime8	3279.9999878407	Sum of GTIs [s]
ontime9	3278.7238206267	Sum of GTIs [s]
l2events	151008	Number of level 2 events

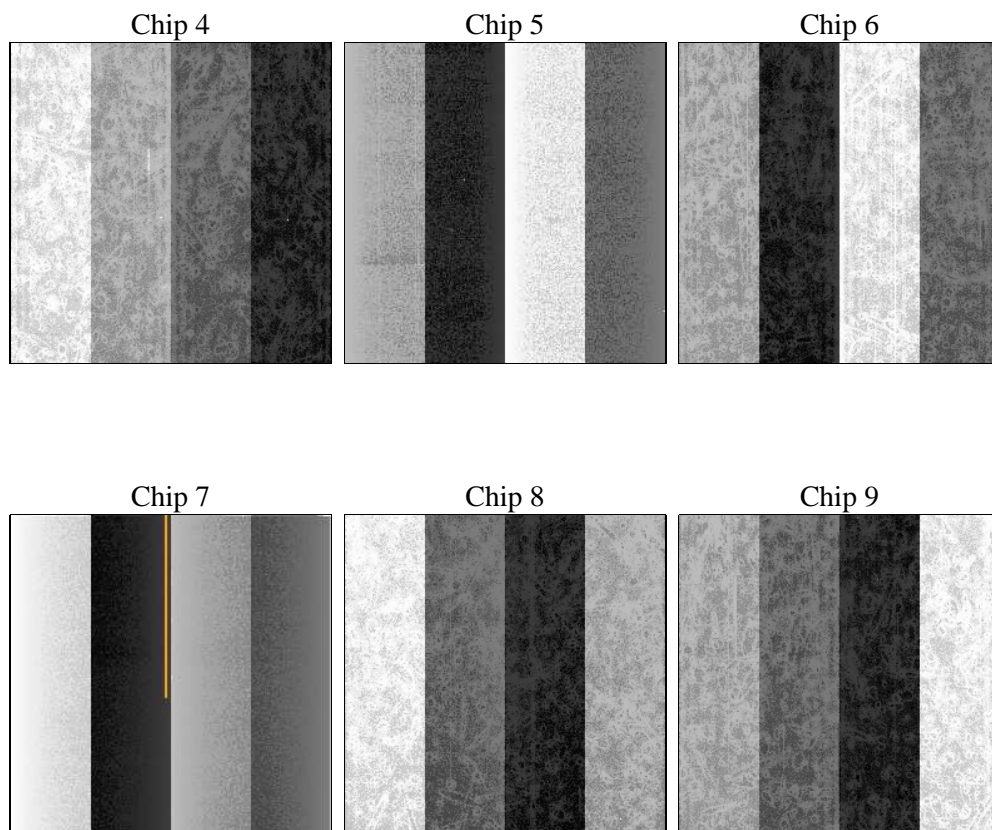
2 OBI

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	3278.76486063	Sum of GTIs [s]
caldsver	4.4.7	 	ontime4	3279.9999878407	Sum of GTIs [s]
date	2012-02-02T23:24:21	Date and time of file creation	ontime5	3278.8059006333	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	3278.8469107747	Sum of GTIs [s]
			ontime7	3278.76486063	Sum of GTIs [s]
			ontime8	3279.9999878407	Sum of GTIs [s]
			ontime9	3278.7238206267	Sum of GTIs [s]
			l1events	327896	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	49679	63288	49375	60786	57155	47613	grade 0 events	12574	5591	11688	6165	13003	11326
rejected events	27664	26299	26599	25432	29453	26016		25%	8%	23%	10%	22%	23%
rejected %	55%	41%	53%	41%	51%	54%	grade 1 events	119	197	71	54	84	68
								0%	0%	0%	0%	0%	0%
							grade 2 events	3583	12795	4298	7647	5450	3797
								7%	20%	8%	12%	9%	7%
							grade 3 events	1535	1634	1465	3203	2030	1531
								3%	2%	2%	5%	3%	3%
							grade 4 events	1460	1626	1529	3201	1970	1431
								2%	2%	3%	5%	3%	3%
							grade 5 events	1523	3567	1623	4103	1986	1747
								3%	5%	3%	6%	3%	3%
							grade 6 events	2881	15343	3796	15138	5271	3512
								5%	24%	7%	24%	9%	7%
							grade 7 events	26004	22535	24905	21275	27361	24201
								52%	35%	50%	34%	47%	50%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-456789	ACIS-456789	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	127.0023464264686	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	37.98576129937133	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	174.4137000010071	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	412156602.209772	412156601.18478			
Observation start date	2011-01-23T07:56:42	2011-01-23T07:56:41			
[s] Observation end time (MET)	412163443.060125	412163442.03513			
Observation end date	2011-01-23T09:50:43	2011-01-23T09:50:42			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.02.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.27876486063

A.2 Comments