

V&V Reference Report

L2 ASCDS Version : 8.5

Observation 54104 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Dec 11 2012

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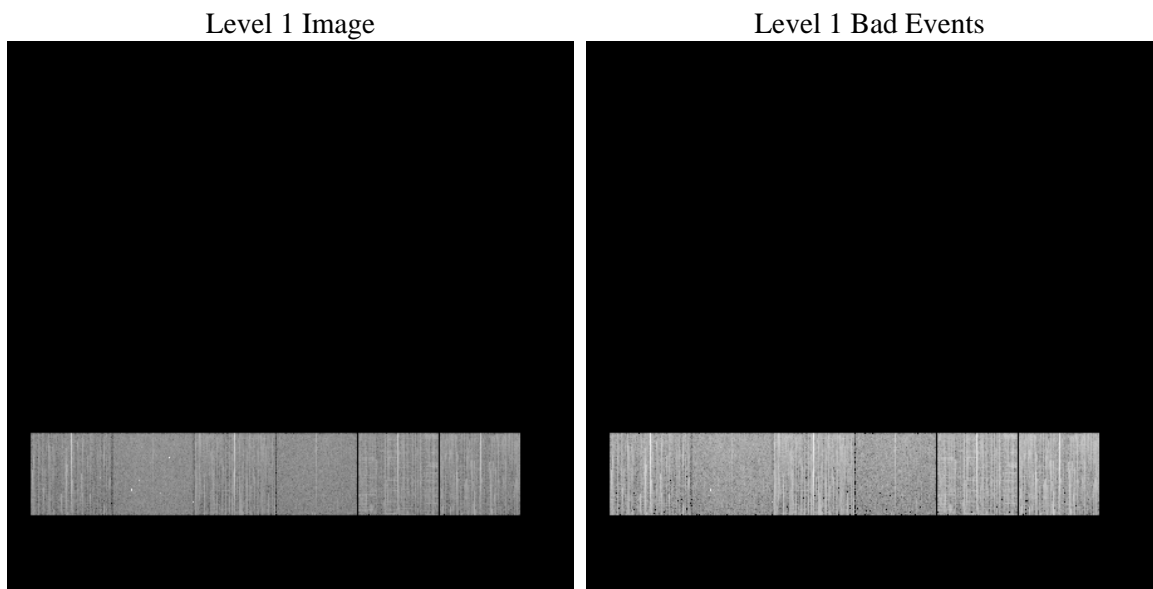
1 Front

seq_num	 	Sequence number
obs_id	54104	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	99.013304787071	Nominal RA [deg]
dec_nom	9.02720176941	Nominal Dec [deg]
roll_nom	52.58269257829	Nominal Roll [deg]
revision	1	Processing version of data
ontime	4892.7999818325	Sum of GTIs [s]
livetime	4830.8444023721	Livetime [s]
ontime4	4892.7999818325	Sum of GTIs [s]
ontime5	4892.7999818325	Sum of GTIs [s]
ontime6	4892.7999818325	Sum of GTIs [s]
ontime7	4892.7999818325	Sum of GTIs [s]
ontime8	4892.7999818325	Sum of GTIs [s]
ontime9	4892.7999818325	Sum of GTIs [s]
l2events	155662	Number of level 2 events

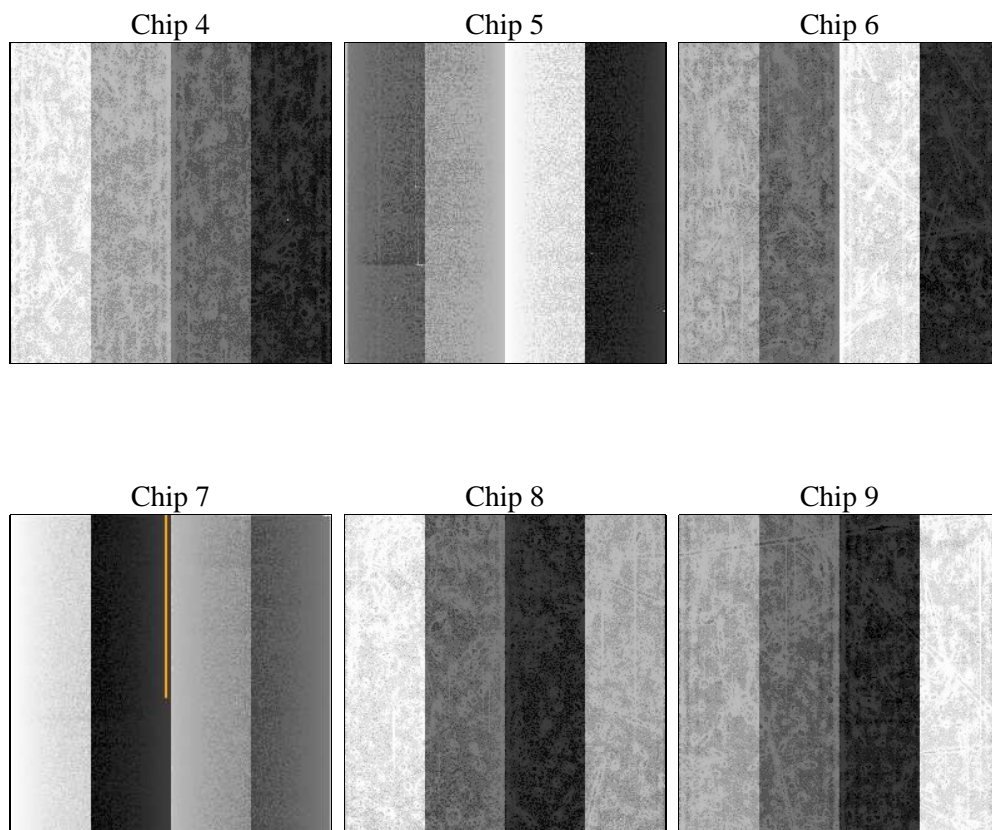
2 OBI

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	8.5	Processing system revision	ontime	4892.7999818325	Sum of GTIs [s]
caldsver	4.5.4	 	ontime4	4892.7999818325	Sum of GTIs [s]
date	2012-12-11T09:00:05	Date and time of file creation	ontime5	4892.7999818325	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	4892.7999818325	Sum of GTIs [s]
			ontime7	4892.7999818325	Sum of GTIs [s]
			ontime8	4892.7999818325	Sum of GTIs [s]
			ontime9	4892.7999818325	Sum of GTIs [s]
			l1events	566582	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	86303	88436	102566	80386	104764	104127	grade 0 events	11425	5992	11137	5668	12456	11050
rejected events	65209	46550	80287	42343	77089	82414		13%	6%	10%	7%	11%	10%
rejected %	75%	52%	78%	52%	73%	79%	grade 1 events	90	146	41	58	71	55
								0%	0%	0%	0%	0%	0%
							grade 2 events	3915	15137	4551	9250	5633	4190
								4%	17%	4%	11%	5%	4%
							grade 3 events	1528	1541	1479	3223	2106	1443
								1%	1%	1%	4%	2%	1%
							grade 4 events	1460	1585	1501	3209	2079	1516
								1%	1%	1%	3%	1%	1%
							grade 5 events	2102	4058	2006	4788	2656	2160
								2%	4%	1%	5%	2%	2%
							grade 6 events	2861	17836	3715	16880	5510	3619
								3%	20%	3%	20%	5%	3%
							grade 7 events	62922	42141	78136	37310	74253	80094
								72%	47%	76%	46%	70%	76%

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	99.01330478707132	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	9.027201769409952	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	52.58269257828962	[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)	471563192.93058	471563191.90558			
Observation start date	2012-12-10T21:46:33	2012-12-10T21:46:31			
[s] Observation end time (MET)	471569474.130918	471569473.10592			
Observation end date	2012-12-10T23:31:14	2012-12-10T23:31:13			
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)	2012.12.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.8927999818325

A.2 Comments