

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56072 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jul 1 2012

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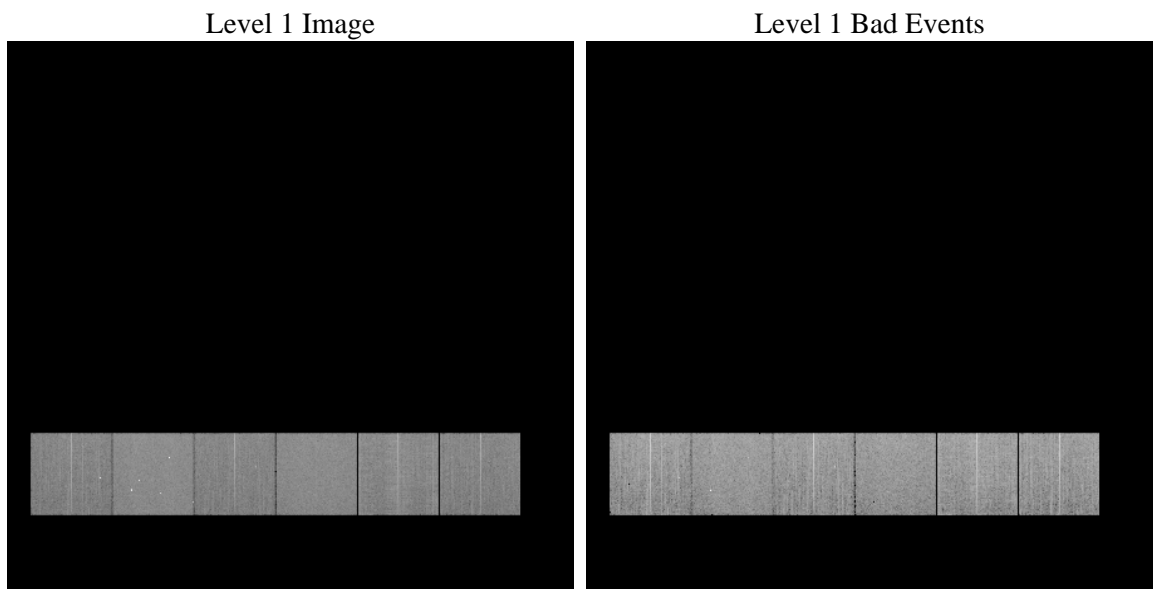
1 Front

seq_num	 	Sequence number
obs_id	56072	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	334.93337852713	Nominal RA [deg]
dec_nom	3.7955871281664	Nominal Dec [deg]
roll_nom	155.37718017662	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8040.0937844515	Sum of GTIs [s]
livetime	7938.2852757895	Livetime [s]
ontime4	8039.9706644416	Sum of GTIs [s]
ontime5	8040.0527444482	Sum of GTIs [s]
ontime6	8040.0117044449	Sum of GTIs [s]
ontime7	8040.0937844515	Sum of GTIs [s]
ontime8	8039.9296244383	Sum of GTIs [s]
ontime9	8040.1348244548	Sum of GTIs [s]
l2events	397977	Number of level 2 events

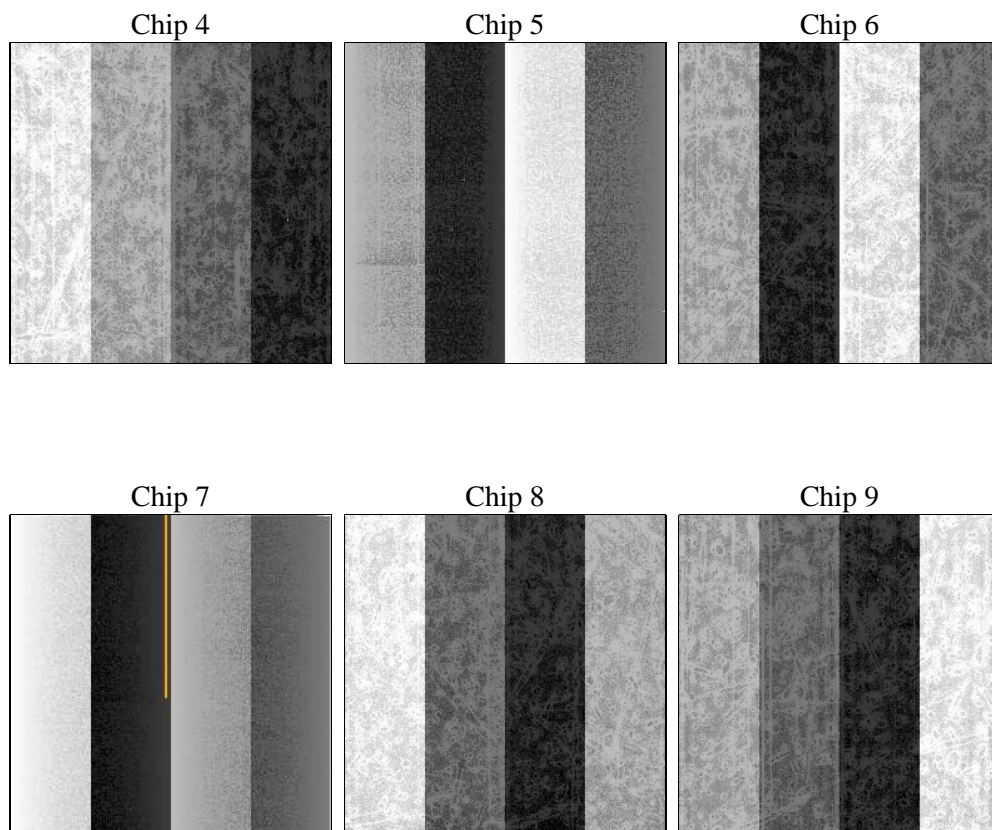
2 OBI

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	8.4.5	Processing system revision	ontime	8040.0937844515	Sum of GTIs [s]
caldsver	4.5.0	 	ontime4	8039.9706644416	Sum of GTIs [s]
date	2012-07-01T19:04:31	Date and time of file creation	ontime5	8040.0527444482	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8040.0117044449	Sum of GTIs [s]
			ontime7	8040.0937844515	Sum of GTIs [s]
			ontime8	8039.9296244383	Sum of GTIs [s]
			ontime9	8040.1348244548	Sum of GTIs [s]
			l1events	881019	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	131535	170797	131834	159725	154456	132672	grade 0 events	34460	16207	32215	16393	36193	32334
rejected events	73147	72574	71776	68252	80543	73808		26%	9%	24%	10%	23%	24%
rejected %	55%	42%	54%	42%	52%	55%	grade 1 events	338	188	198	151	242	217
								0%	0%	0%	0%	0%	0%
							grade 2 events	9741	35304	11282	20436	14592	10438
								7%	20%	8%	12%	9%	7%
							grade 3 events	4196	4176	4017	8739	5693	4142
								3%	2%	3%	5%	3%	3%
							grade 4 events	4057	4163	4098	8433	5542	4127
								3%	2%	3%	5%	3%	3%
							grade 5 events	4070	9119	4255	10408	5419	4705
								3%	5%	3%	6%	3%	3%
							grade 6 events	7689	41391	10281	40187	14038	9660
								5%	24%	7%	25%	9%	7%
							grade 7 events	66984	60249	65488	54978	72737	67049
								50%	35%	49%	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	OVERRIDE	OVERRIDE
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	334.9333785271339	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	3.795587128166358	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	155.3771801766223	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.4281808131	-1.4281808131			
[mm] SIM defocus	0.1051557500557434	0.1051557500557434			
[mm] SIM translation stage pos	250.4635187649	250.4635187649			
[mm] SIM translation stage offset	-0.007542945905271381	-0.007542945905271381			
[s] Observation start time (MET)	398443495.5039	398443495.5039			
Observation start date	2010-08-17T14:44:56	2010-08-17T14:44:55			
[s] Observation end time (MET)	398453043.419909	398453043.419909			
Observation end date	2010-08-17T17:24:03	2010-08-17T17:24:03			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.07.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.0400937844515

A.2 Comments