

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55069 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 26 2012

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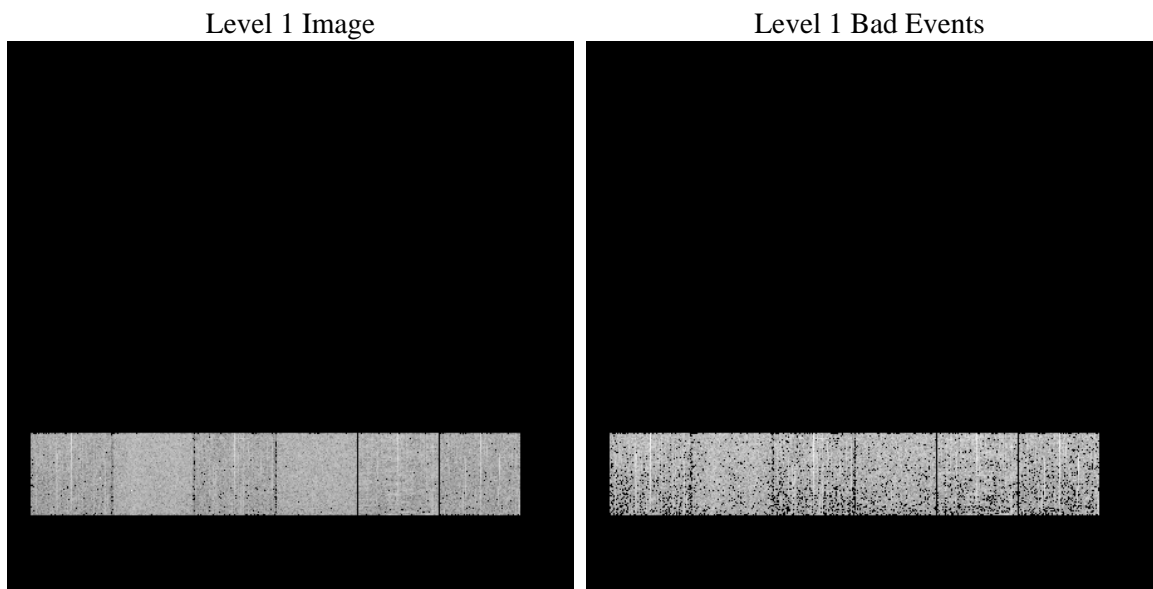
1 Front

seq_num	 	Sequence number
obs_id	55069	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	27.134941720568	Nominal RA [deg]
dec_nom	-3.2772384678333	Nominal Dec [deg]
roll_nom	322.15176160772	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2003.1999925971	Sum of GTIs [s]
livetime	1977.8342681086	Livetime [s]
ontime4	2003.1999925971	Sum of GTIs [s]
ontime5	2003.1999925971	Sum of GTIs [s]
ontime6	2003.1999925971	Sum of GTIs [s]
ontime7	2003.1999925971	Sum of GTIs [s]
ontime8	2003.1999925971	Sum of GTIs [s]
ontime9	2003.1999925971	Sum of GTIs [s]
l2events	73699	Number of level 2 events

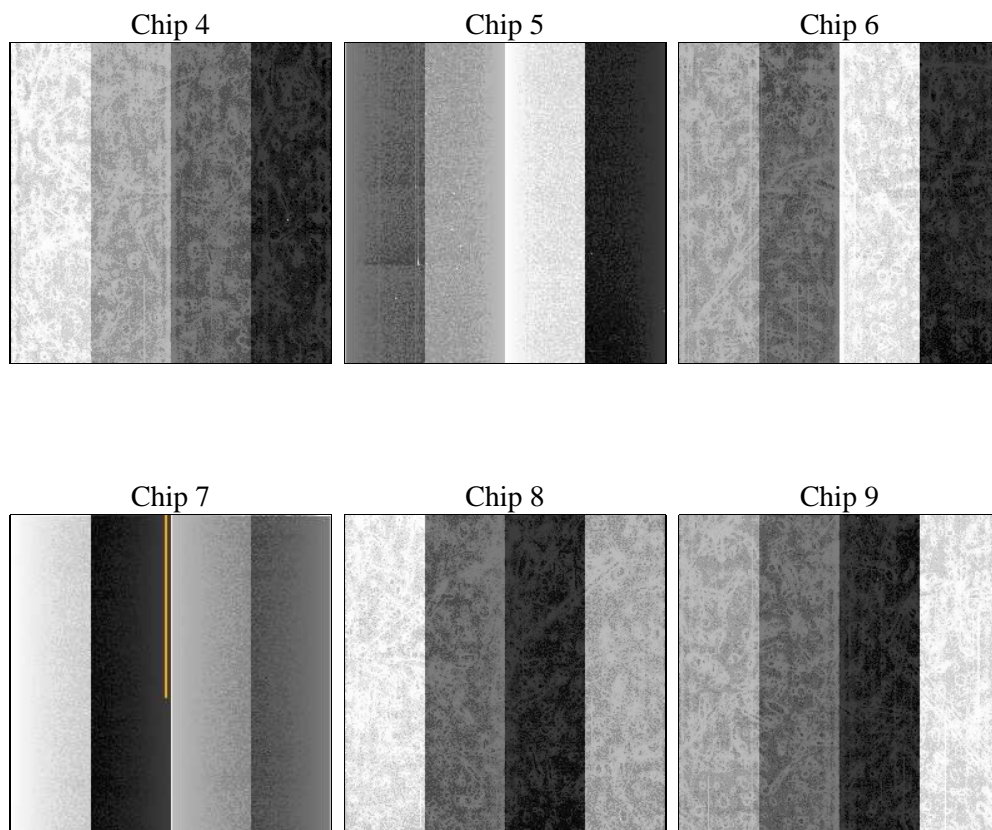
2 OBI

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	2003.1999925971	Sum of GTIs [s]
caldbver	4.4.8	 	ontime4	2003.1999925971	Sum of GTIs [s]
date	2012-02-27T01:46:43	Date and time of file creation	ontime5	2003.1999925971	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	2003.1999925971	Sum of GTIs [s]
			ontime7	2003.1999925971	Sum of GTIs [s]
			ontime8	2003.1999925971	Sum of GTIs [s]
			ontime9	2003.1999925971	Sum of GTIs [s]
			l1events	171235	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	25437	33552	25544	31563	29603	25536	grade 0 events	6002	1492	4409	2658	6016	5399
rejected events	15244	15277	14864	14252	16217	14840		23%	4%	17%	8%	20%	21%
rejected %	59%	45%	58%	45%	54%	58%	grade 1 events	46	57	26	20	37	34
								0%	0%	0%	0%	0%	0%
							grade 2 events	1492	6855	3083	3895	2862	2154
								5%	20%	12%	12%	9%	8%
							grade 3 events	680	684	561	1437	1019	670
								2%	2%	2%	4%	3%	2%
							grade 4 events	704	523	571	1335	916	682
								2%	1%	2%	4%	3%	2%
							grade 5 events	692	1569	730	2011	1029	900
								2%	4%	2%	6%	3%	3%
							grade 6 events	1333	8751	2067	8007	2615	1815
								5%	26%	8%	25%	8%	7%
							grade 7 events	14488	13621	14097	12200	15109	13882
								56%	40%	55%	38%	51%	54%

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	27.13494172056784	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-3.277238467833293	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	322.1517616077248	[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)	437089725.874349	437089724.84935			
Observation start date	2011-11-07T21:48:46	2011-11-07T21:48:44			
[s] Observation end time (MET)	437099725.774876	437099724.74987			
Observation end date	2011-11-08T00:35:26	2011-11-08T00:35:24			
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)	2012.02.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.0031999925971

A.2 Comments