

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57589 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 21 2012

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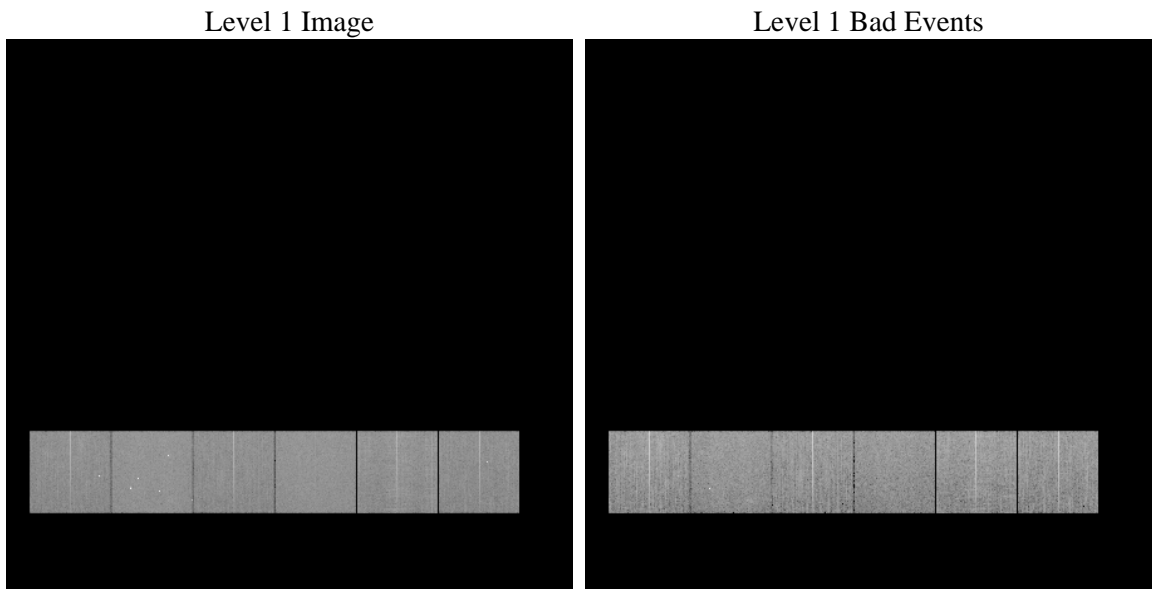
1 Front

seq_num	 	Sequence number
obs_id	57589	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	349.98862039337	Nominal RA [deg]
dec_nom	24.973140036967	Nominal Dec [deg]
roll_nom	216.15971014379	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7794.0558825731	Sum of GTIs [s]
livetime	7695.362853971	Livetime [s]
ontime4	7793.9327625632	Sum of GTIs [s]
ontime5	7794.0148425698	Sum of GTIs [s]
ontime6	7793.9738025665	Sum of GTIs [s]
ontime7	7794.0558825731	Sum of GTIs [s]
ontime8	7793.8917225599	Sum of GTIs [s]
ontime9	7794.0969225764	Sum of GTIs [s]
l2events	555189	Number of level 2 events

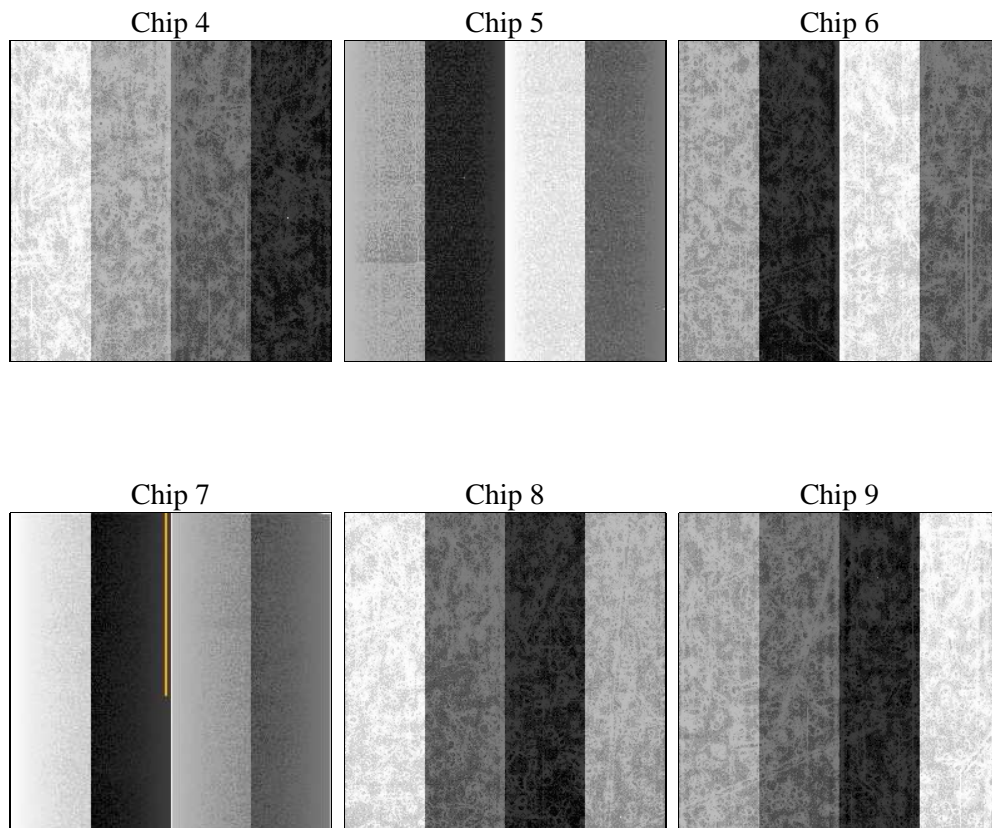
2 OBI

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	8.4.4	Processing system revision	ontime	7794.0558825731	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	7793.9327625632	Sum of GTIs [s]
date	2012-05-22T00:29:58	Date and time of file creation	ontime5	7794.0148425698	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	7793.9738025665	Sum of GTIs [s]
			ontime7	7794.0558825731	Sum of GTIs [s]
			ontime8	7793.8917225599	Sum of GTIs [s]
			ontime9	7794.0969225764	Sum of GTIs [s]
			l1events	1043724	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	162421	193016	162087	184376	181152	160672	grade 0 events	49011	22428	47273	23445	51899	47350
rejected events	77297	69406	72738	64225	78516	73267		30%	11%	29%	12%	28%	29%
rejected %	47%	35%	44%	34%	43%	45%	grade 1 events	485	234	293	162	330	331
								0%	0%	0%	0%	0%	0%
							grade 2 events	13611	43684	15900	26065	18814	14919
								8%	22%	9%	14%	10%	9%
							grade 3 events	5822	5739	5740	11286	7294	5808
								3%	2%	3%	6%	4%	3%
							grade 4 events	5695	5607	5678	11242	7120	5657
								3%	2%	3%	6%	3%	3%
							grade 5 events	3916	9492	4209	10500	5390	4686
								2%	4%	2%	5%	2%	2%
							grade 6 events	10985	46152	14758	48113	17509	13671
								6%	23%	9%	26%	9%	8%
							grade 7 events	72896	59680	68236	53563	72796	68250
								44%	30%	42%	29%	40%	42%

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	349.9886203933673	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	24.97314003696693	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	216.1597101437879	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.7809083437167272			
[mm] SIM defocus	0.1037507710433287	0.7524282956875696			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	339033608.971876	339033607.94688			
Observation start date	2008-09-29T00:00:09	2008-09-29T00:00:07			
[s] Observation end time (MET)	339048276.722598	339048275.6976			
Observation end date	2008-09-29T04:04:37	2008-09-29T04:04:35			
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)	2012.05.31
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7940558825731

A.2 Comments