

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56805 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 14 2012

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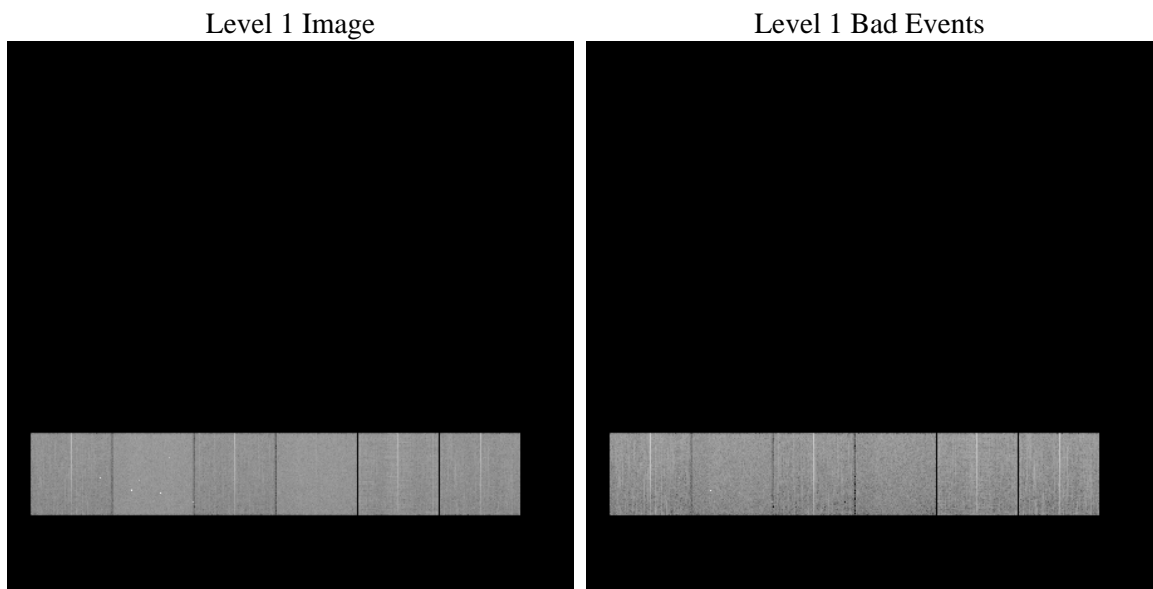
1 Front

seq_num	 	Sequence number
obs_id	56805	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	351.98834881319	Nominal RA [deg]
dec_nom	23.470338262818	Nominal Dec [deg]
roll_nom	208.42745749472	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8338.2958251834	Sum of GTIs [s]
livetime	8232.7113027259	Livetime [s]
ontime4	8338.1727051735	Sum of GTIs [s]
ontime5	8338.2547851801	Sum of GTIs [s]
ontime6	8338.2137451768	Sum of GTIs [s]
ontime7	8338.2958251834	Sum of GTIs [s]
ontime8	8338.1316651702	Sum of GTIs [s]
ontime9	8338.3368651867	Sum of GTIs [s]
l2events	500440	Number of level 2 events

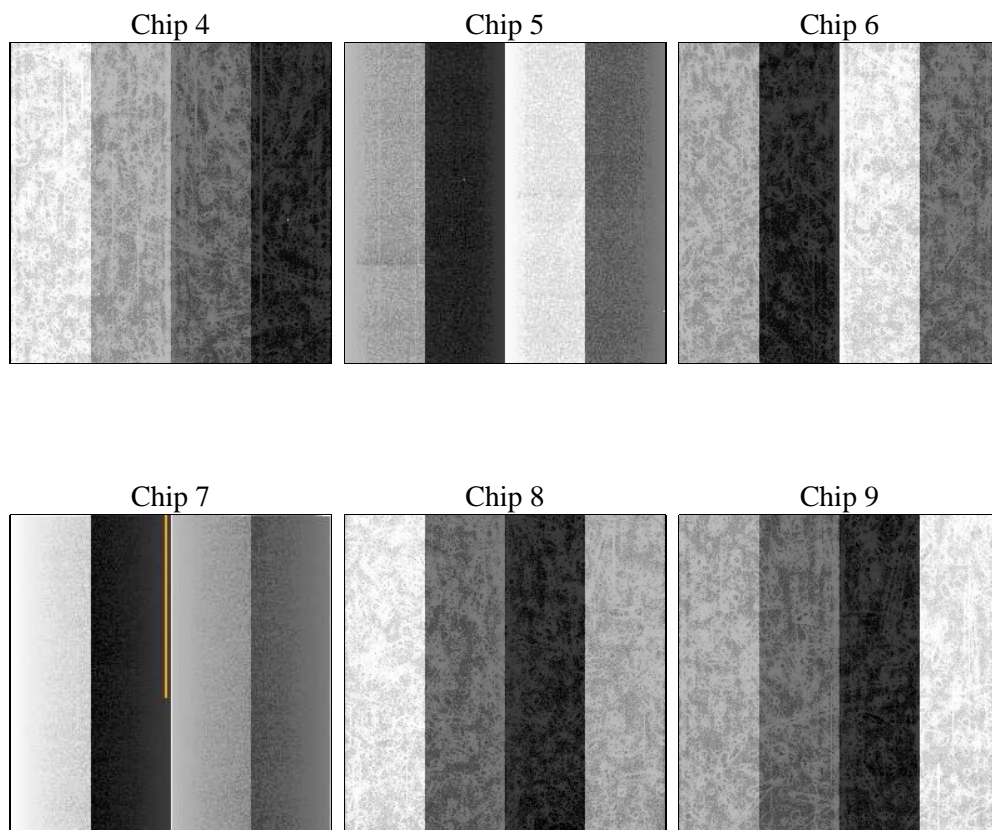
2 OBI

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	8338.2958251834	Sum of GTIs [s]
caldsver	4.4.10	 	ontime4	8338.1727051735	Sum of GTIs [s]
date	2012-06-14T12:31:33	Date and time of file creation	ontime5	8338.2547851801	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8338.2137451768	Sum of GTIs [s]
			ontime7	8338.2958251834	Sum of GTIs [s]
			ontime8	8338.1316651702	Sum of GTIs [s]
			ontime9	8338.3368651867	Sum of GTIs [s]
			l1events	1059321	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	162403	199975	159928	189533	182737	164745	grade 0 events	42200	18288	40220	20573	45035	40344
rejected events	88788	81656	83296	76162	91635	89725		25%	9%	25%	10%	24%	24%
rejected %	54%	40%	52%	40%	50%	54%	grade 1 events	481	269	317	167	376	341
								0%	0%	0%	0%	0%	0%
							grade 2 events	12083	42223	14088	24832	17331	13361
								7%	21%	8%	13%	9%	8%
							grade 3 events	5238	5500	5246	10756	6979	5141
								3%	2%	3%	5%	3%	3%
							grade 4 events	5185	5300	5189	10490	6724	5125
								3%	2%	3%	5%	3%	3%
							grade 5 events	4678	10960	4781	11942	6238	5260
								2%	5%	2%	6%	3%	3%
							grade 6 events	9908	48535	12907	48326	16336	12037
								6%	24%	8%	25%	8%	7%
							grade 7 events	82630	68900	77180	62447	83718	83136
								50%	34%	48%	32%	45%	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	351.9883488131949	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	23.47033826281817	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	208.427457494723	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-1.526339935833849			
[mm] SIM defocus	0.1037507710433287	0.006996703570447904			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	370378456.980143	370378455.95516			
Observation start date	2009-09-26T18:54:17	2009-09-26T18:54:15			
[s] Observation end time (MET)	370391695.880808	370391694.85582			
Observation end date	2009-09-26T22:34:56	2009-09-26T22:34:54			
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)	2012.06.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.3382958251834

A.2 Comments