

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58257 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 29 2012

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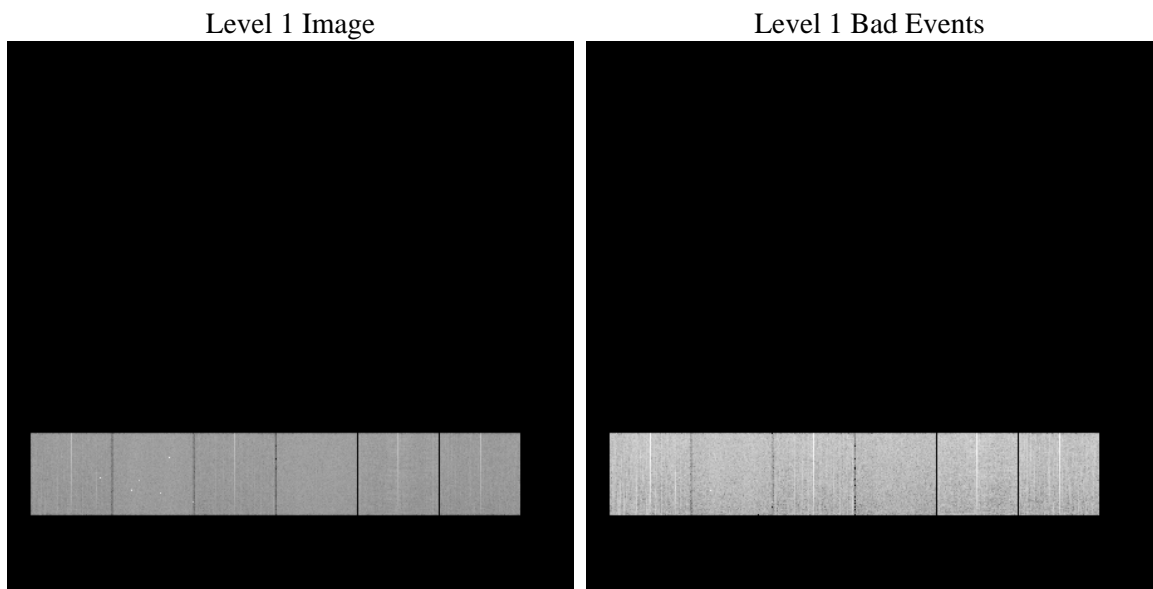
1 Front

seq_num	 	Sequence number
obs_id	58257	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	300.00491152526	Nominal RA [deg]
dec_nom	-0.030548575091943	Nominal Dec [deg]
roll_nom	244.03705105233	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8268.7999692559	Sum of GTIs [s]
livetime	8164.0954451716	Livetime [s]
ontime4	8268.7999692559	Sum of GTIs [s]
ontime5	8268.7999692559	Sum of GTIs [s]
ontime6	8268.7999692559	Sum of GTIs [s]
ontime7	8268.7999692559	Sum of GTIs [s]
ontime8	8268.7999692559	Sum of GTIs [s]
ontime9	8268.7999692559	Sum of GTIs [s]
l2events	727911	Number of level 2 events

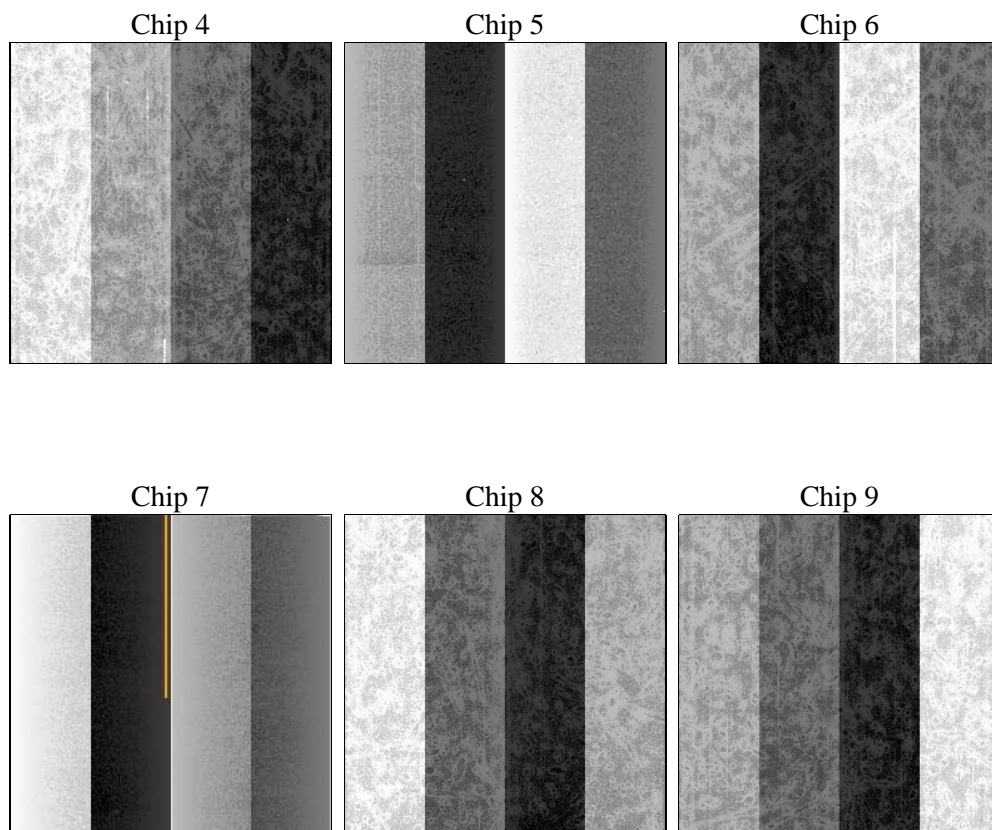
2 OBI

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	8268.7999692559	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8268.7999692559	Sum of GTIs [s]
date	2012-04-29T16:51:45	Date and time of file creation	ontime5	8268.7999692559	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8268.7999692559	Sum of GTIs [s]
			ontime7	8268.7999692559	Sum of GTIs [s]
			ontime8	8268.7999692559	Sum of GTIs [s]
			ontime9	8268.7999692559	Sum of GTIs [s]
			l1events	1243124	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	198652	218414	199017	216978	214271	195792	grade 0 events	66375	26100	64870	32020	68764	63473
rejected events	84069	70960	77324	64882	81142	78545		33%	11%	32%	14%	32%	32%
rejected %	42%	32%	38%	29%	37%	40%	grade 1 events	658	268	395	169	456	446
								0%	0%	0%	0%	0%	0%
							grade 2 events	18073	53021	21392	33003	24128	20093
								9%	24%	10%	15%	11%	10%
							grade 3 events	7822	7320	7858	14818	9355	7795
								3%	3%	3%	6%	4%	3%
							grade 4 events	7537	7344	7708	14468	9217	7731
								3%	3%	3%	6%	4%	3%
							grade 5 events	4207	9917	4447	10940	5665	4873
								2%	4%	2%	5%	2%	2%
							grade 6 events	14776	53669	19865	57787	21665	18155
								7%	24%	9%	26%	10%	9%
							grade 7 events	79204	60775	72482	53773	75021	73226
								39%	27%	36%	24%	35%	37%

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	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	300.0049115252624	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-0.03054857509194307	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	244.0370510523253			
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-190.132523	250.4635187648994			
[mm] SIM translation stage offset	0	-0.007540371344731511			
[s] Observation start time (MET)	303886468.703662	303886467.67867			
Observation start date	2007-08-19T04:54:29	2007-08-19T04:54:27			
[s] Observation end time (MET)	303909752.60478	303909751.57979			
Observation end date	2007-08-19T11:22:33	2007-08-19T11:22:31			
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)	2012.05.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2687999692559

A.2 Comments