

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57736 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 17 2012

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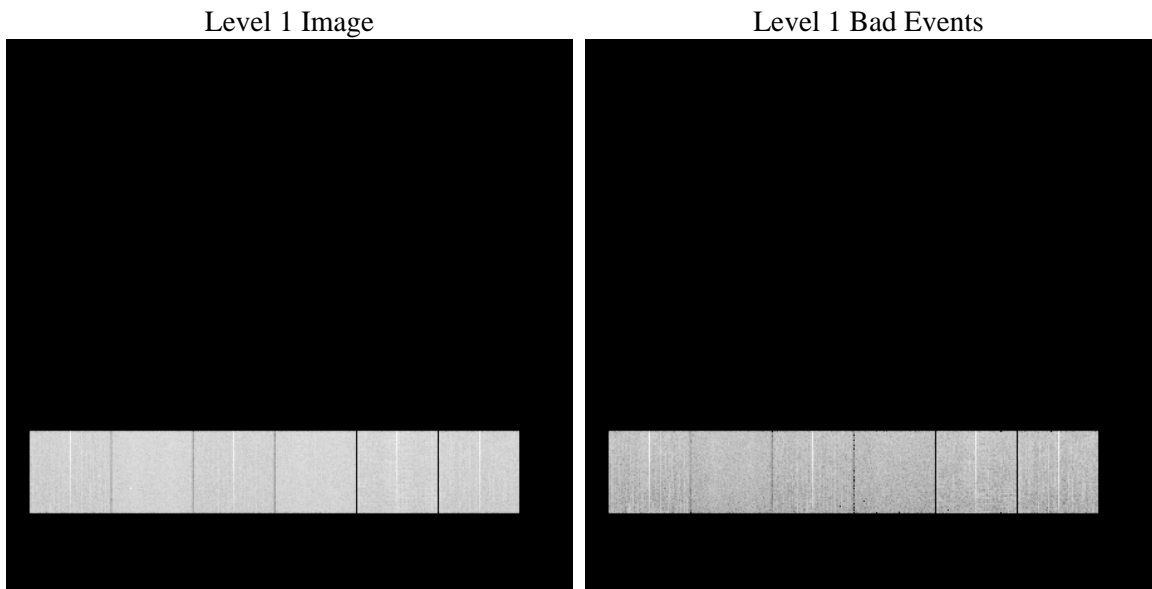
1 Front

seq_num	 	Sequence number
obs_id	57736	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	301.97769581945	Nominal RA [deg]
dec_nom	-20.980449965919	Nominal Dec [deg]
roll_nom	100.51556488415	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8271.3811733723	Sum of GTIs [s]
livetime	8166.6439645272	Livetime [s]
ontime4	8271.2580533624	Sum of GTIs [s]
ontime5	8271.340133369	Sum of GTIs [s]
ontime6	8271.2990933657	Sum of GTIs [s]
ontime7	8271.3811733723	Sum of GTIs [s]
ontime8	8271.2170133591	Sum of GTIs [s]
ontime9	8271.4222133756	Sum of GTIs [s]
l2events	606041	Number of level 2 events

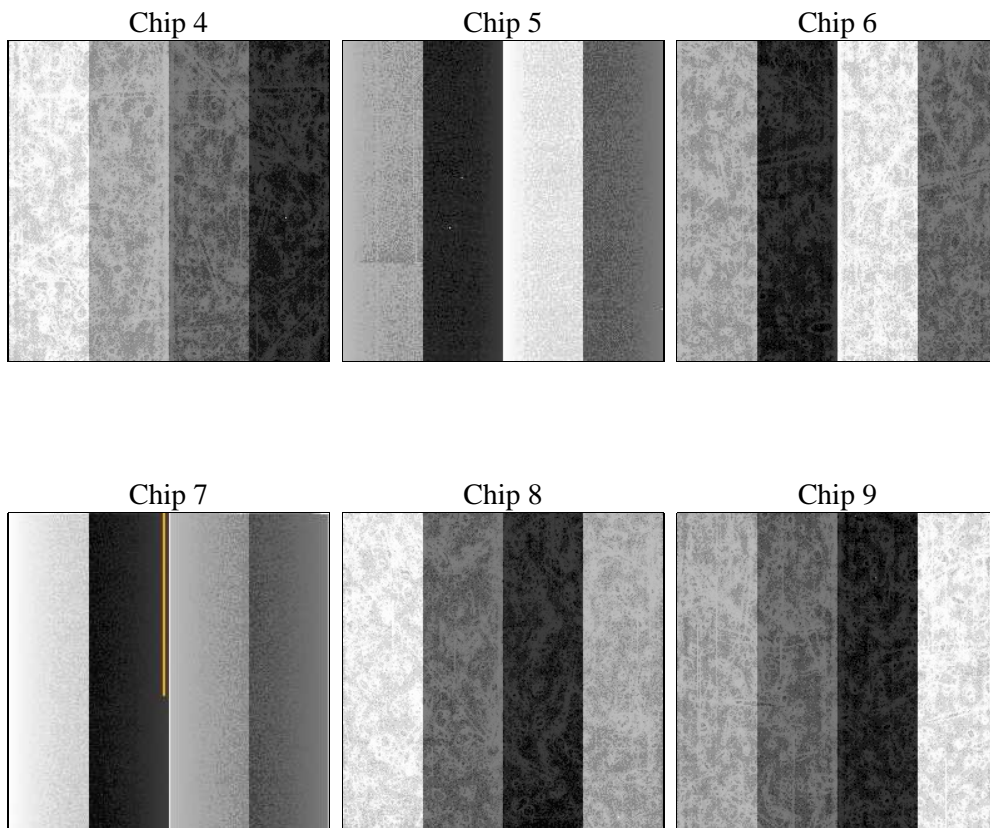
2 OBI

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	8271.3811733723	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8271.2580533624	Sum of GTIs [s]
date	2012-05-17T05:33:21	Date and time of file creation	ontime5	8271.340133369	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8271.2990933657	Sum of GTIs [s]
			ontime7	8271.3811733723	Sum of GTIs [s]
			ontime8	8271.2170133591	Sum of GTIs [s]
			ontime9	8271.4222133756	Sum of GTIs [s]
			l1events	1093804	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	170515	194261	171519	193594	190695	173220	grade 0 events	52956	17903	52366	25440	56975	51686
rejected events	77859	70007	72290	64554	78947	77511		31%	9%	30%	13%	29%	29%
rejected %	45%	36%	42%	33%	41%	44%	grade 1 events	476	202	315	144	337	349
								0%	0%	0%	0%	0%	0%
							grade 2 events	14500	46055	17819	27902	20379	16396
								8%	23%	10%	14%	10%	9%
							grade 3 events	6586	5792	6467	12070	7771	6420
								3%	2%	3%	6%	4%	3%
							grade 4 events	6522	5592	6290	12119	7731	6392
								3%	2%	3%	6%	4%	3%
							grade 5 events	4028	9135	4169	10533	5529	4684
								2%	4%	2%	5%	2%	2%
							grade 6 events	12123	48966	16320	51572	18923	14852
								7%	25%	9%	26%	9%	8%
							grade 7 events	73324	60616	67773	53814	73050	72441
								43%	31%	39%	27%	38%	41%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-456789	ACIS-456789
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	301.9776958194452
[deg] Pointing Dec	0	-20.98044996591878
[deg] Pointing Roll	0.0	100.5155648841468
[mm] SIM focus pos	-1.429586	-0.6828225247311905
[mm] SIM defocus	0.1037507710433287	0.8505141146731063
[mm] SIM translation stage pos	250.455976	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	330845958.510441	330845957.48545
Observation start date	2008-06-26T05:39:19	2008-06-26T05:39:17
[s] Observation end time (MET)	330868830.361559	330868829.33657
Observation end date	2008-06-26T12:00:30	2008-06-26T12:00:29
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.05.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2713811733723

A.2 Comments