

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60853 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 22 2012

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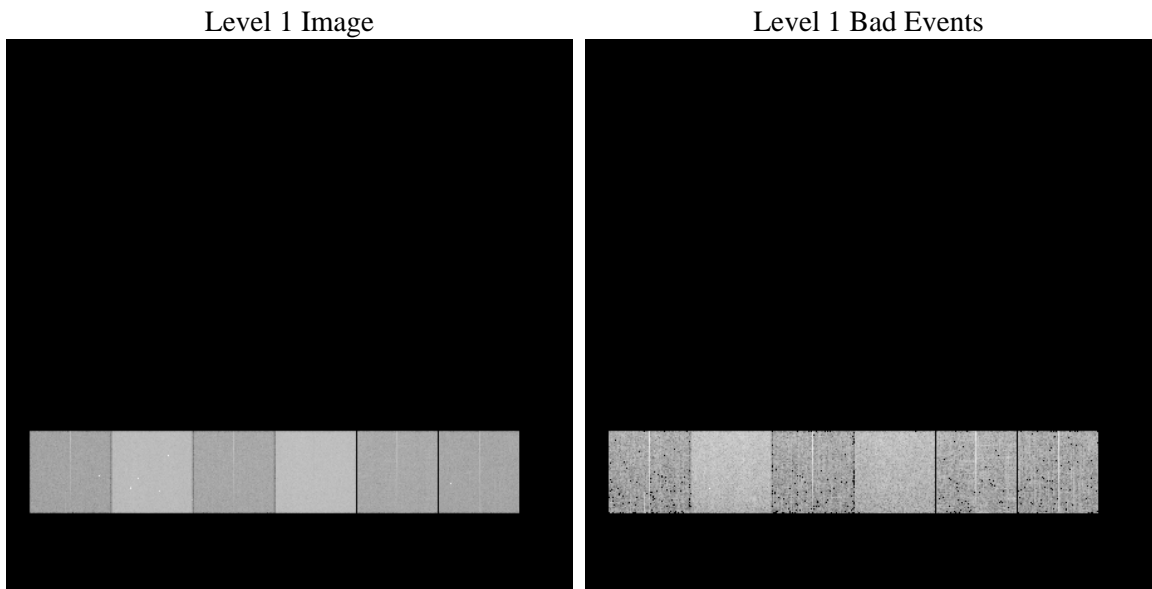
1 Front

seq_num	 	Sequence number
obs_id	60853	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	161.93956983866	Nominal RA [deg]
dec_nom	61.996582014075	Nominal Dec [deg]
roll_nom	153.95783020302	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8460.7999684811	Sum of GTIs [s]
livetime	8353.664224798	Livetime [s]
ontime4	3395.1444455683	Sum of GTIs [s]
ontime5	8460.7999684811	Sum of GTIs [s]
ontime6	3709.5231533051	Sum of GTIs [s]
ontime7	8460.7999684811	Sum of GTIs [s]
ontime8	3829.4395812154	Sum of GTIs [s]
ontime9	3593.6917255521	Sum of GTIs [s]
l2events	1266946	Number of level 2 events

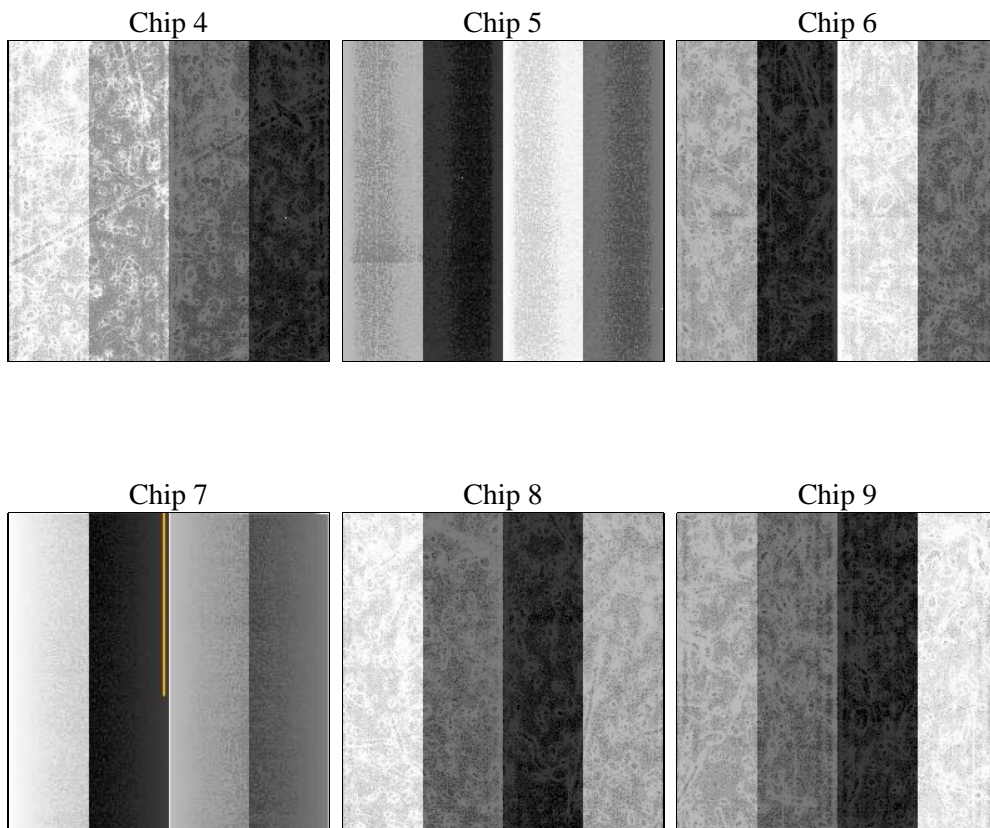
2 OBI

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	8460.7999684811	Sum of GTIs [s]
caldbver	4.5.2	 	ontime4	3395.1444455683	Sum of GTIs [s]
date	2012-10-22T09:49:23	Date and time of file creation	ontime5	8460.7999684811	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	3709.5231533051	Sum of GTIs [s]
			ontime7	8460.7999684811	Sum of GTIs [s]
			ontime8	3829.4395812154	Sum of GTIs [s]
			ontime9	3593.6917255521	Sum of GTIs [s]
			l1events	1543762	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	166041	387277	189075	420915	201708	178746	grade 0 events	81287	75702	88718	93239	93709	83763
rejected events	26240	58065	26401	46220	31519	27071		48%	19%	46%	22%	46%	46%
rejected %	15%	14%	13%	10%	15%	15%	grade 1 events	617	240	441	275	473	511
								0%	0%	0%	0%	0%	0%
							grade 2 events	22318	119649	28074	82513	29600	25978
								13%	30%	14%	19%	14%	14%
							grade 3 events	9283	20053	10117	37730	10902	9660
								5%	5%	5%	8%	5%	5%
							grade 4 events	9282	19834	10101	37290	10924	9698
								5%	5%	5%	8%	5%	5%
							grade 5 events	1629	10100	1829	8777	2257	1966
								0%	2%	0%	2%	1%	1%
							grade 6 events	17631	93974	25664	123923	25054	22576
								10%	24%	13%	29%	12%	12%
							grade 7 events	23994	47725	24131	37168	28789	24594
								14%	12%	12%	8%	14%	13%

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	161.9395698386567	Alternating exposures requested	N	N
[deg] Pointing Dec	0	61.99658201407505	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	153.9578302030235			
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	161102642.031742	161102641.00702			
Observation start date	2003-02-08T14:44:02	2003-02-08T14:44:01			
[s] Observation end time (MET)	161118123.632393	161118122.60767			
Observation end date	2003-02-08T19:02:04	2003-02-08T19:02:02			
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)	2012.11.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4607999684811

A.2 Comments