

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 58751 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 11 2012

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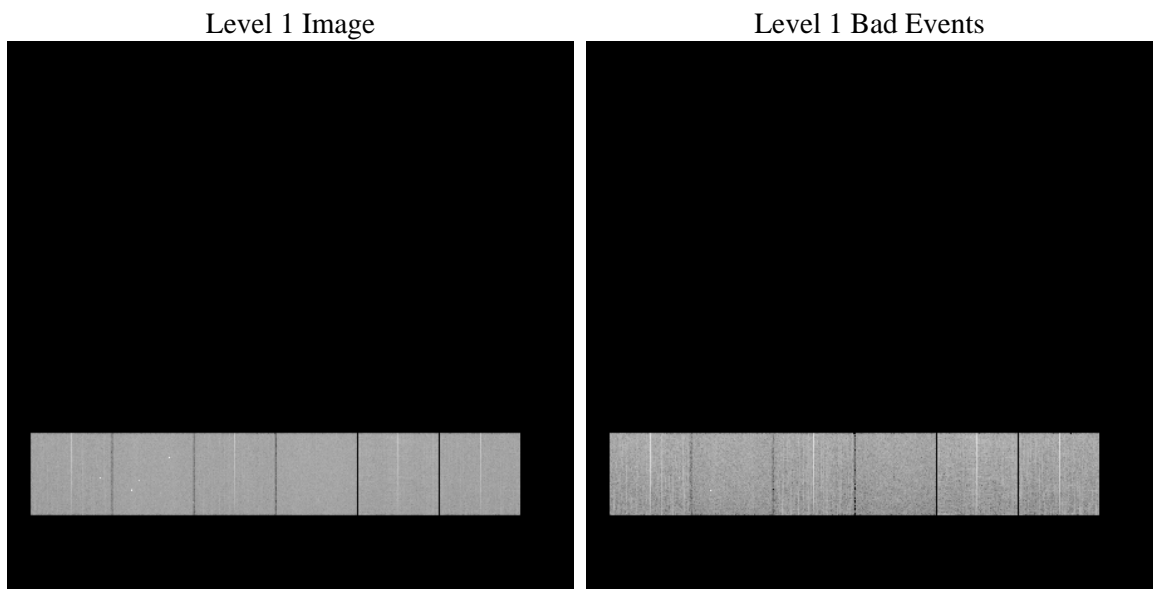
1 Front

seq_num	 	Sequence number
obs_id	58751	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	32.010332809679	Nominal RA [deg]
dec_nom	-18.471998840809	Nominal Dec [deg]
roll_nom	37.960551553631	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8155.6861730814	Sum of GTIs [s]
livetime	8052.4139639932	Livetime [s]
ontime4	8155.5630530715	Sum of GTIs [s]
ontime5	8155.6451330781	Sum of GTIs [s]
ontime6	8155.6040930748	Sum of GTIs [s]
ontime7	8155.6861730814	Sum of GTIs [s]
ontime8	8155.5220130682	Sum of GTIs [s]
ontime9	8155.7272130847	Sum of GTIs [s]
l2events	849737	Number of level 2 events

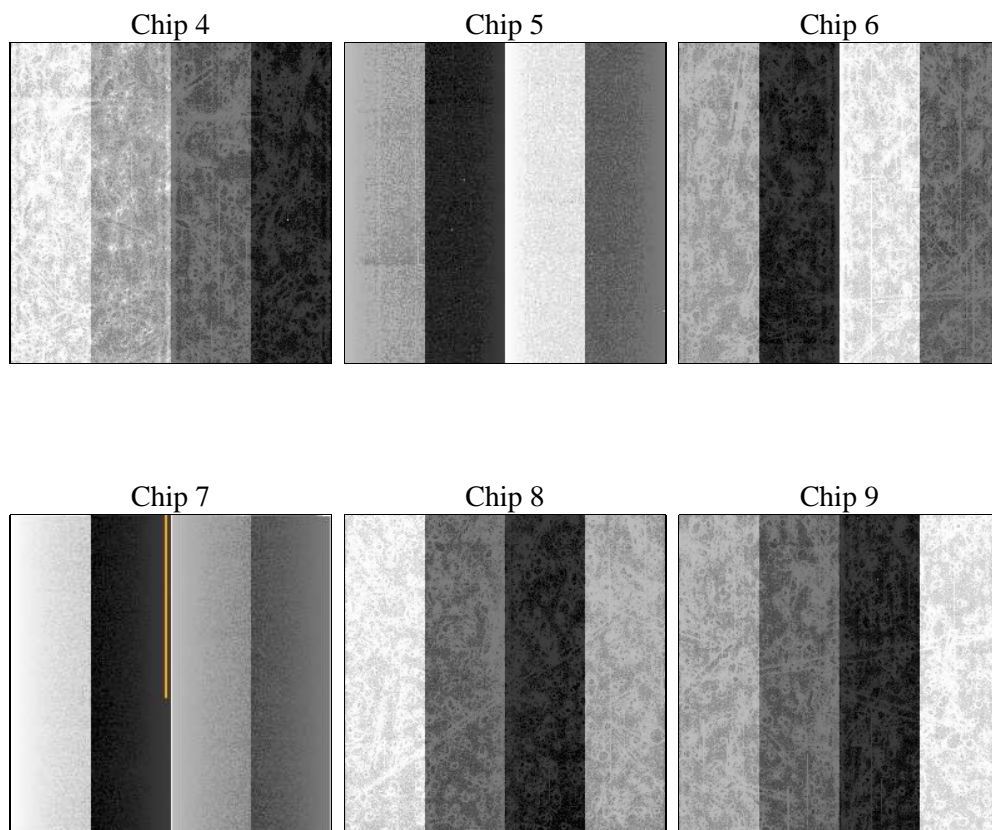
2 OBI

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	8.4.3.1	Processing system revision	ontime	8155.6861730814	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8155.5630530715	Sum of GTIs [s]
date	2012-04-11T03:02:43	Date and time of file creation	ontime5	8155.6451330781	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8155.6040930748	Sum of GTIs [s]
			ontime7	8155.6861730814	Sum of GTIs [s]
			ontime8	8155.5220130682	Sum of GTIs [s]
			ontime9	8155.7272130847	Sum of GTIs [s]
			l1events	1360100	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	216958	230890	223090	235377	237364	216421	grade 0 events	79868	29293	79280	38266	83321	77942
rejected events	80686	70055	77228	63700	80613	75513		36%	12%	35%	16%	35%	36%
rejected %	37%	30%	34%	27%	33%	34%	grade 1 events	766	202	519	185	537	556
								0%	0%	0%	0%	0%	0%
							grade 2 events	21549	60376	25862	38023	28426	24698
								9%	26%	11%	16%	11%	11%
							grade 3 events	9365	8257	9540	16862	10987	9326
								4%	3%	4%	7%	4%	4%
							grade 4 events	9326	7892	9332	16866	10687	9316
								4%	3%	4%	7%	4%	4%
							grade 5 events	4082	9554	4301	10186	5425	4636
								1%	4%	1%	4%	2%	2%
							grade 6 events	18220	57414	24028	64198	25588	21654
								8%	24%	10%	27%	10%	10%
							grade 7 events	73782	57902	70228	50791	72393	68293
								34%	25%	31%	21%	30%	31%

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	32.01033280967871
[deg] Pointing Dec	0	-18.47199884080924
[deg] Pointing Roll	0.0	37.96055155363096
[mm] SIM focus pos	-0.684267	-0.7809083437167272
[mm] SIM defocus	0	0.7524282956875696
[mm] SIM translation stage pos	-190.132523	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	276700386.260384	276700385.2354
Observation start date	2006-10-08T13:13:06	2006-10-08T13:13:05
[s] Observation end time (MET)	276722700.511435	276722699.48645
Observation end date	2006-10-08T19:25:01	2006-10-08T19:24:59
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	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.04.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1556861730814

A.2 Comments