

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60335 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 13 2012

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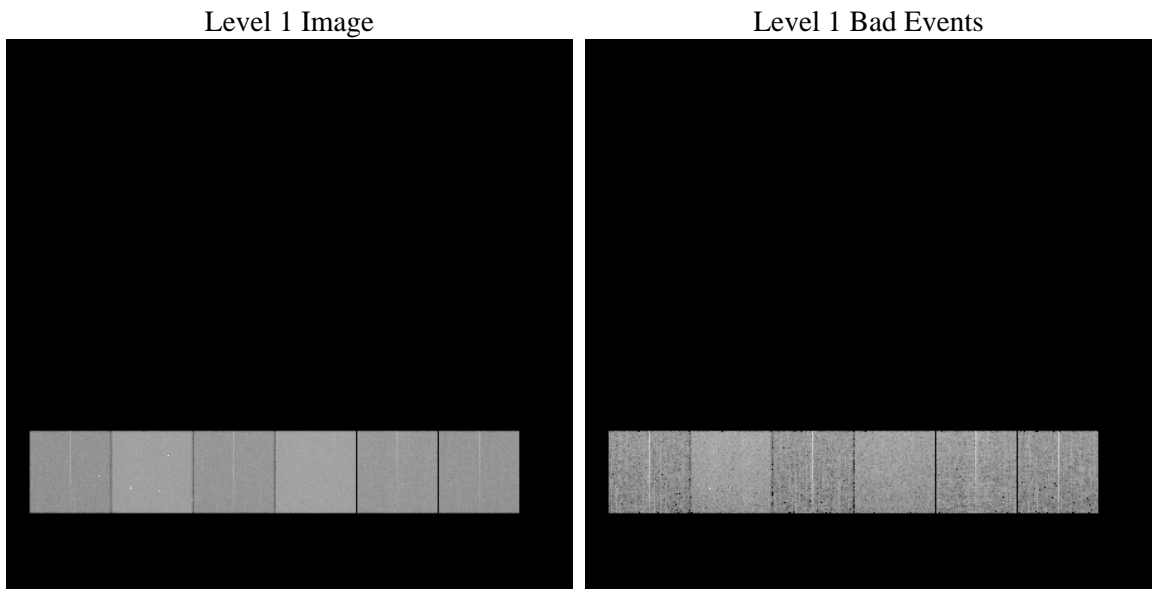
1 Front

seq_num	 	Sequence number
obs_id	60335	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	199.97305558292	Nominal RA [deg]
dec_nom	17.012441177235	Nominal Dec [deg]
roll_nom	121.4038923492	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8456.8602383137	Sum of GTIs [s]
livetime	8349.7743818663	Livetime [s]
ontime4	5082.8766837418	Sum of GTIs [s]
ontime5	8453.5781981647	Sum of GTIs [s]
ontime6	5582.0294517875	Sum of GTIs [s]
ontime7	8456.8602383137	Sum of GTIs [s]
ontime8	5701.8638508618	Sum of GTIs [s]
ontime9	5403.8986878991	Sum of GTIs [s]
l2events	1197373	Number of level 2 events

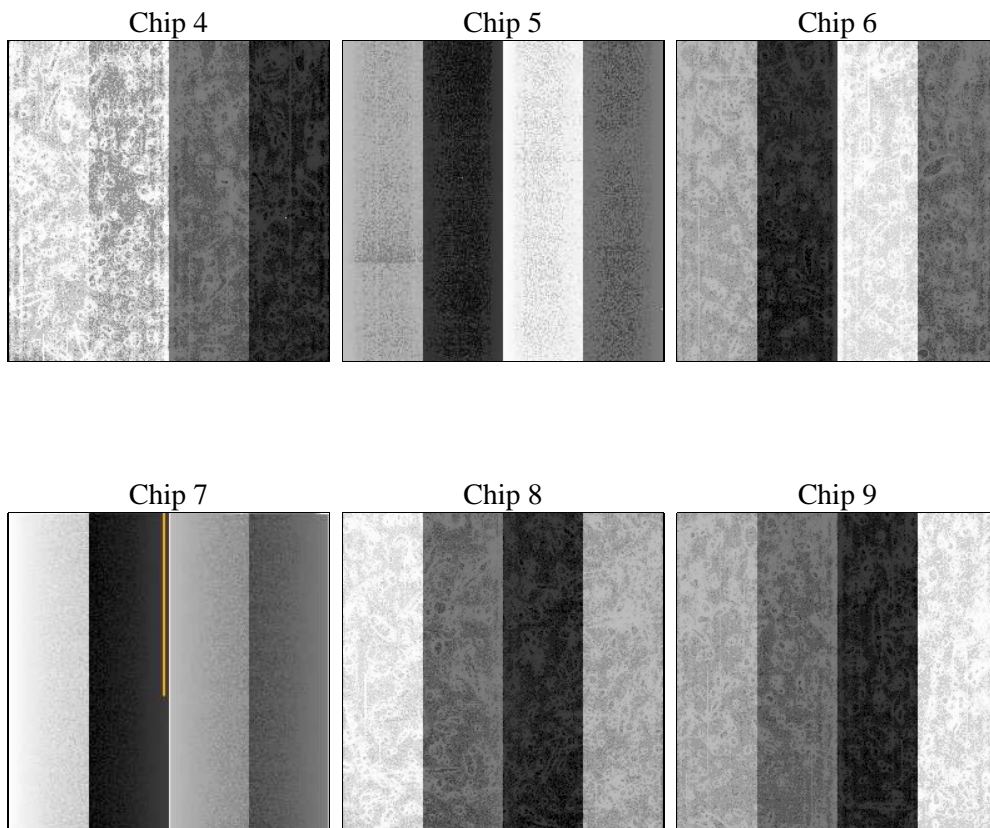
2 OBI

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	8456.8602383137	Sum of GTIs [s]
caldsver	4.5.2	 	ontime4	5082.8766837418	Sum of GTIs [s]
date	2012-11-13T19:58:37	Date and time of file creation	ontime5	8453.5781981647	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	5582.0294517875	Sum of GTIs [s]
			ontime7	8456.8602383137	Sum of GTIs [s]
			ontime8	5701.8638508618	Sum of GTIs [s]
			ontime9	5403.8986878991	Sum of GTIs [s]
			l1events	1532549	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	196900	318966	224817	340539	239314	212013	grade 0 events	92561	60568	101593	71834	106143	95997
rejected events	38034	56939	38732	48607	44903	38245		47%	18%	45%	21%	44%	45%
rejected %	19%	17%	17%	14%	18%	18%	grade 1 events	620	232	538	209	511	539
								0%	0%	0%	0%	0%	0%
							grade 2 events	25142	94038	31872	64025	34030	30116
								12%	29%	14%	18%	14%	14%
							grade 3 events	10407	15813	11559	29669	12398	11176
								5%	4%	5%	8%	5%	5%
							grade 4 events	10656	15589	11559	28920	12752	11088
								5%	4%	5%	8%	5%	5%
							grade 5 events	2367	9483	2685	8789	3172	2709
								1%	2%	1%	2%	1%	1%
							grade 6 events	20195	76345	29661	97590	29188	25487
								10%	23%	13%	28%	12%	12%
							grade 7 events	34952	46898	35350	39503	41120	34901
								17%	14%	15%	11%	17%	16%

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	199.9730555829171	Alternating exposures requested	N	N
[deg] Pointing Dec	0	17.01244117723506	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	121.4038923492014			
[mm] SIM focus pos	-0.684267	-1.038866356238299			
[mm] SIM defocus	0	0.4944702831659975			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	195823343.870461	195823342.84545			
Observation start date	2004-03-16T11:22:24	2004-03-16T11:22:22			
[s] Observation end time (MET)	195847060.321502	195847059.29649			
Observation end date	2004-03-16T17:57:40	2004-03-16T17:57:39			
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)	2012.12.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4568602383137

A.2 Comments