

V&V Reference Report

L2 ASCDS Version : 8.5

Observation 60028 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 9 2012

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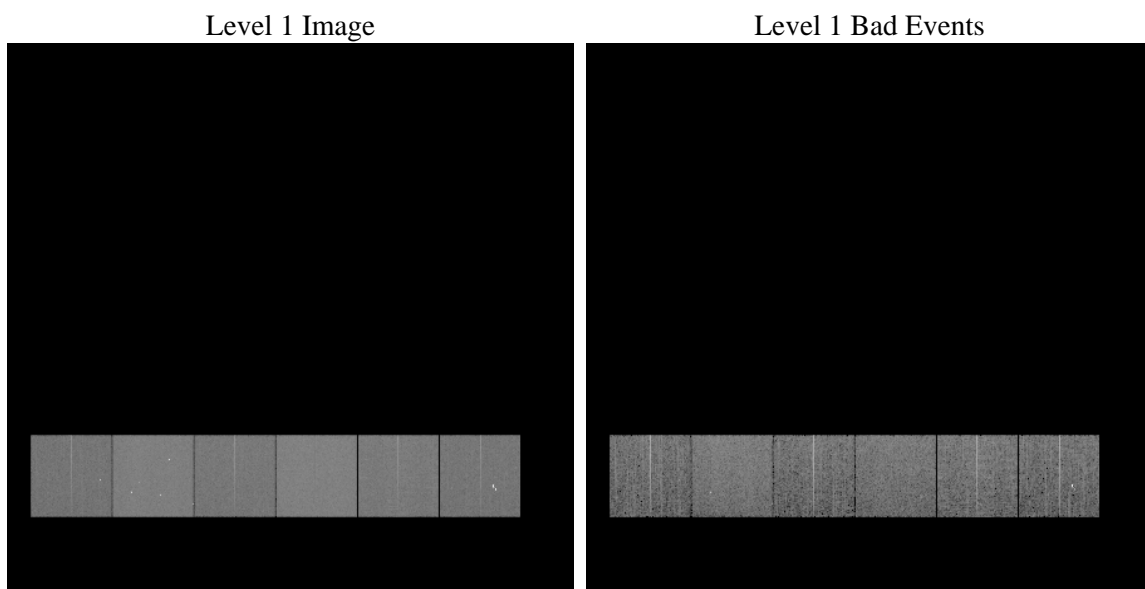
1 Front

seq_num	 	Sequence number
obs_id	60028	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	354.99254110807	Nominal RA [deg]
dec_nom	11.971100363236	Nominal Dec [deg]
roll_nom	223.53068067099	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7800.3021817505	Sum of GTIs [s]
livetime	7701.5300587471	Livetime [s]
ontime4	5349.9958401918	Sum of GTIs [s]
ontime5	7800.2611417472	Sum of GTIs [s]
ontime6	5771.364816606	Sum of GTIs [s]
ontime7	7800.3021817505	Sum of GTIs [s]
ontime8	6033.8030054867	Sum of GTIs [s]
ontime9	5538.1368971467	Sum of GTIs [s]
l2events	1049728	Number of level 2 events

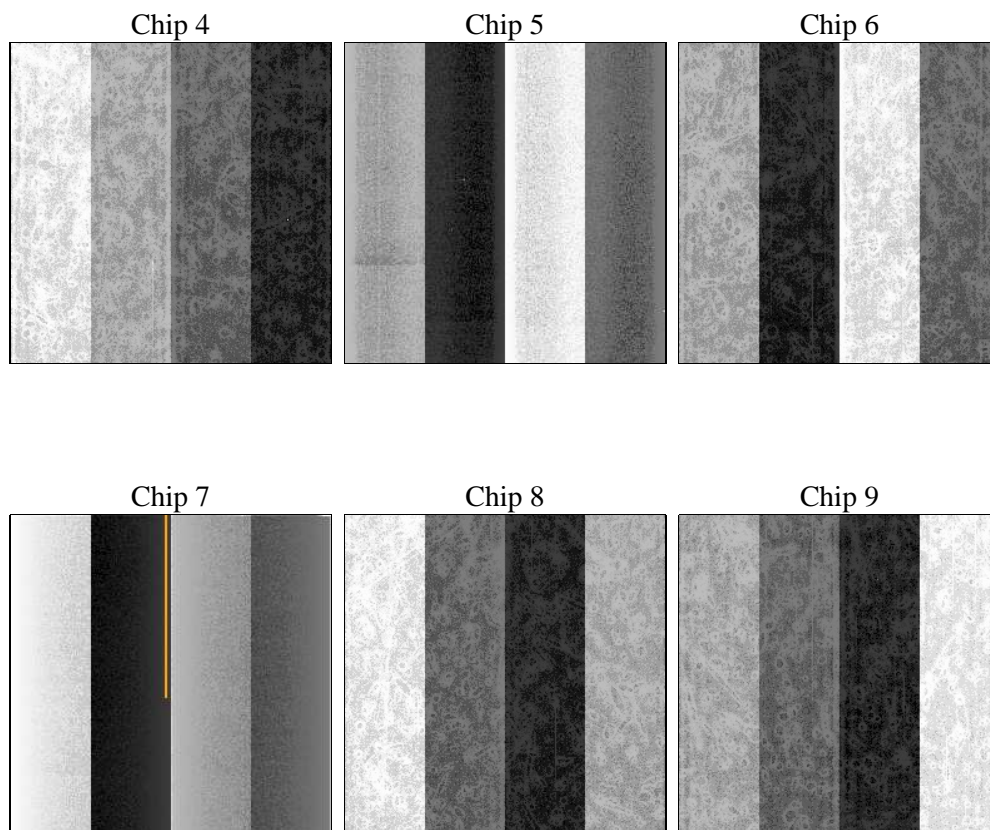
2 OBI

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	8.5	Processing system revision	ontime	7800.3021817505	Sum of GTIs [s]
caldsver	4.5.4	 	ontime4	5349.9958401918	Sum of GTIs [s]
date	2012-12-09T08:33:35	Date and time of file creation	ontime5	7800.2611417472	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	5771.364816606	Sum of GTIs [s]
			ontime7	7800.3021817505	Sum of GTIs [s]
			ontime8	6033.8030054867	Sum of GTIs [s]
			ontime9	5538.1368971467	Sum of GTIs [s]
			l1events	1413010	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	190456	276200	213353	289533	231440	212028	grade 0 events	85592	51385	91955	58060	98845	93490
rejected events	43388	54812	44004	47692	50026	46618		44%	18%	43%	20%	42%	44%
rejected %	22%	19%	20%	16%	21%	21%	grade 1 events	664	434	485	187	568	3899
								0%	0%	0%	0%	0%	1%
							grade 2 events	23208	77861	29605	53221	31617	28442
								12%	28%	13%	18%	13%	13%
							grade 3 events	9901	13207	10366	24061	12098	10025
								5%	4%	4%	8%	5%	4%
							grade 4 events	9950	12701	10428	23934	11865	10213
								5%	4%	4%	8%	5%	4%
							grade 5 events	2545	8675	2980	8686	3541	3008
								1%	3%	1%	3%	1%	1%
							grade 6 events	18417	66234	26995	82565	26989	23240
								9%	23%	12%	28%	11%	10%
							grade 7 events	40179	45703	40539	38819	45917	39711
								21%	16%	19%	13%	19%	18%

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	354.9925411080741
[deg] Pointing Dec	0	11.97110036323567
[deg] Pointing Roll	0.0	223.5306806709877
[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)	212688563.417447	212688562.39244
Observation start date	2004-09-27T16:09:23	2004-09-27T16:09:22
[s] Observation end time (MET)	212706605.468255	212706604.44324
Observation end date	2004-09-27T21:10:05	2004-09-27T21:10:04
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)	2013.01.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.8003021817505

A.2 Comments