

V&V Reference Report

L2 ASCDS Version : 8.5.1

Observation 59830 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 16 2012

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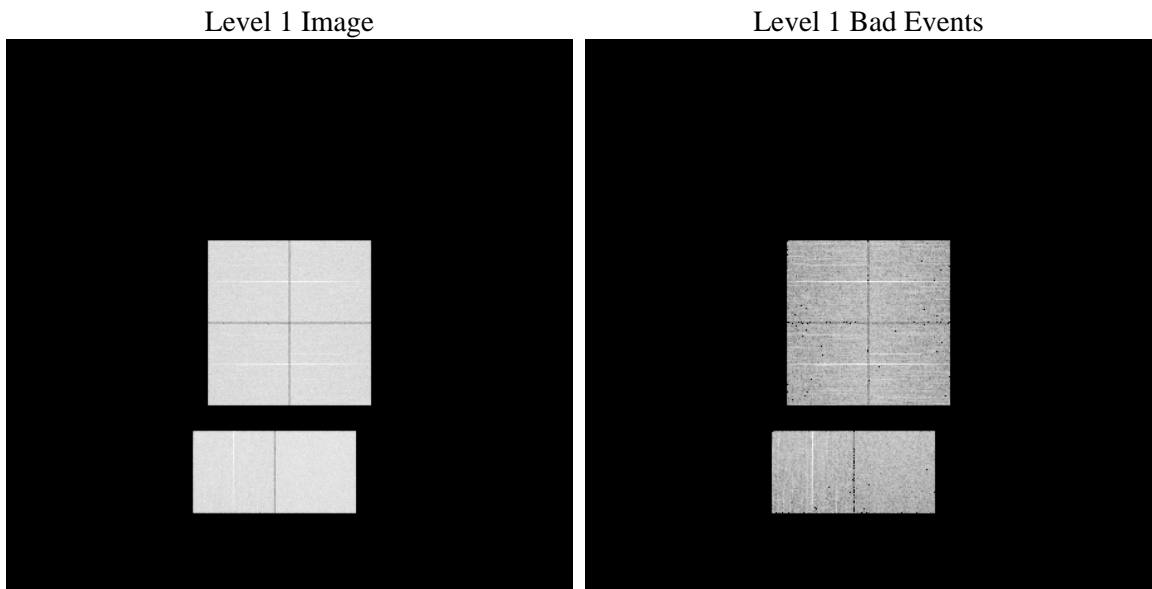
1 Front

seq_num	 	Sequence number
obs_id	59830	Observation id
title	ACIS-012367 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	120.01289329648	Nominal RA [deg]
dec_nom	-9.996205895443	Nominal Dec [deg]
roll_nom	341.20858674164	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7238.3999730349	Sum of GTIs [s]
livetime	7146.7429941351	Livetime [s]
ontime0	6275.8319658041	Sum of GTIs [s]
ontime1	6428.1573998928	Sum of GTIs [s]
ontime2	6078.1323996186	Sum of GTIs [s]
ontime3	6207.771489948	Sum of GTIs [s]
ontime6	6684.1939440966	Sum of GTIs [s]
ontime7	7238.3999730349	Sum of GTIs [s]
l2events	993653	Number of level 2 events

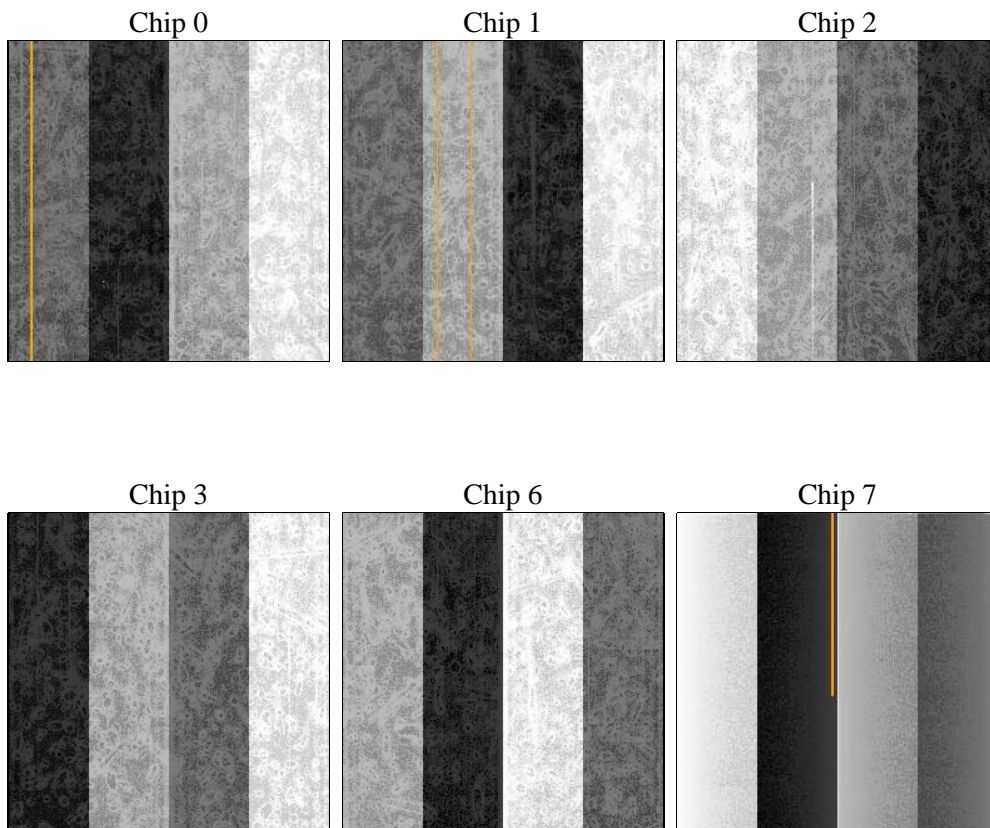
2 OBI

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	8.5.1	Processing system revision	ontime	7238.3999730349	Sum of GTIs [s]
caldsver	4.5.5	 	ontime0	6275.8319658041	Sum of GTIs [s]
date	2012-12-16T16:15:36	Date and time of file creation	ontime1	6428.1573998928	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	6078.1323996186	Sum of GTIs [s]
			ontime3	6207.771489948	Sum of GTIs [s]
			ontime6	6684.1939440966	Sum of GTIs [s]
			ontime7	7238.3999730349	Sum of GTIs [s]
			l1events	1309107	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	205418	210436	203194	207662	229950	252447	grade 0 events	89636	91291	89577	91357	99149	50163
rejected events	42333	43384	43436	44978	47270	43704		43%	43%	44%	43%	43%	19%
rejected %	20%	20%	21%	21%	20%	17%	grade 1 events	524	481	563	536	493	158
								0%	0%	0%	0%	0%	0%
							grade 2 events	28427	29810	27134	27636	31751	46002
								13%	14%	13%	13%	13%	18%
							grade 3 events	10608	10767	10400	10583	11335	20950
								5%	5%	5%	5%	4%	8%
							grade 4 events	10587	10694	10490	10703	11414	20675
								5%	5%	5%	5%	4%	8%
							grade 5 events	2734	2812	2461	2802	3148	7911
								1%	1%	1%	1%	1%	3%
							grade 6 events	23827	24490	22157	22491	29031	71046
								11%	11%	10%	10%	12%	28%
							grade 7 events	39075	40091	40412	41554	43629	35542
								19%	19%	19%	20%	18%	14%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	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	120.0128932964802	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-9.996205895442985	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	341.2085867416441			
[mm] SIM focus pos	-0.782348	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-233.592463	250.4635187648994			
[mm] SIM translation stage offset	0	-0.007540371344731511			
[s] Observation start time (MET)	223198257.889481	223198256.86453			
Observation start date	2005-01-27T07:30:58	2005-01-27T07:30:56			
[s] Observation end time (MET)	223209739.939998	223209738.91505			
Observation end date	2005-01-27T10:42:20	2005-01-27T10:42:18			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2013.01.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.2383999730349

A.2 Comments