

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60363 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 12 2012

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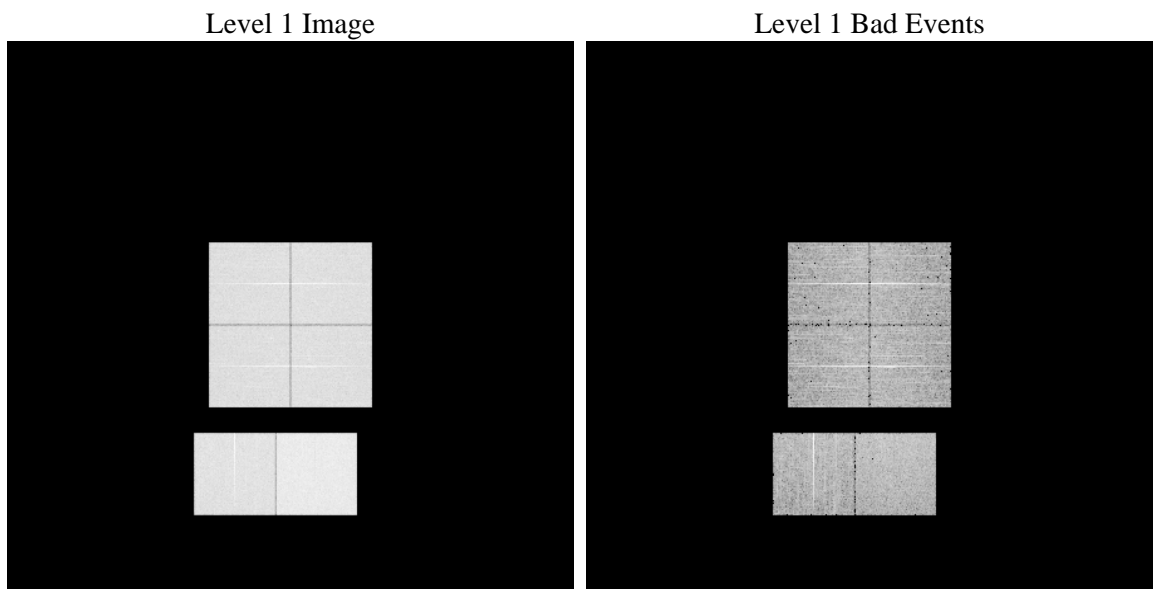
1 Front

seq_num	 	Sequence number
obs_id	60363	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	129.41614882482	Nominal RA [deg]
dec_nom	11.37616247631	Nominal Dec [deg]
roll_nom	270.72403979743	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8463.9999684691	Sum of GTIs [s]
livetime	8356.8237044595	Livetime [s]
ontime0	6001.257951647	Sum of GTIs [s]
ontime1	6136.9785199463	Sum of GTIs [s]
ontime2	5745.3012176752	Sum of GTIs [s]
ontime3	5894.2234846652	Sum of GTIs [s]
ontime6	6370.3292391002	Sum of GTIs [s]
ontime7	8463.9999684691	Sum of GTIs [s]
l2events	1225893	Number of level 2 events

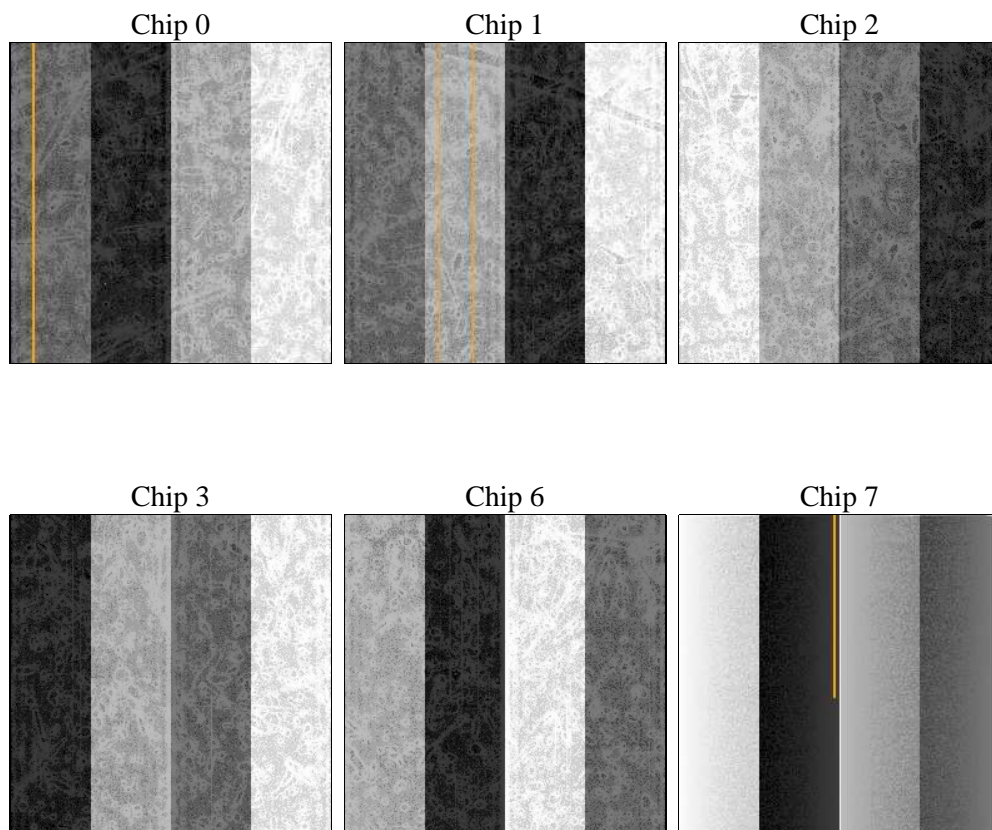
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	8463.9999684691	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	6001.257951647	Sum of GTIs [s]
date	2012-11-12T05:37:11	Date and time of file creation	ontime1	6136.9785199463	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	5745.3012176752	Sum of GTIs [s]
			ontime3	5894.2234846652	Sum of GTIs [s]
			ontime6	6370.3292391002	Sum of GTIs [s]
			ontime7	8463.9999684691	Sum of GTIs [s]
			l1events	1534633	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	233420	237682	228123	233503	259039	342866	grade 0 events	106815	108848	105455	107972	117718	71940
rejected events	39736	39067	39646	40719	42895	47446		45%	45%	46%	46%	45%	20%
rejected %	17%	16%	17%	17%	16%	13%	grade 1 events	594	543	618	643	584	210
								0%	0%	0%	0%	0%	0%
							grade 2 events	33861	35338	31974	32955	37236	65200
								14%	14%	14%	14%	14%	19%
							grade 3 events	12557	12672	12322	12566	13413	29859
								5%	5%	5%	5%	5%	8%
							grade 4 events	12540	12855	12419	12610	13324	29604
								5%	5%	5%	5%	5%	8%
							grade 5 events	2498	2803	2435	2687	2989	8813
								1%	1%	1%	1%	1%	2%
							grade 6 events	27911	28902	26307	26681	34453	98817
								11%	12%	11%	11%	13%	28%
							grade 7 events	36644	35721	36593	37389	39322	38423
								15%	15%	16%	16%	15%	11%

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	129.4161488248228	Alternating exposures requested	N	N
[deg] Pointing Dec	0	11.37616247630964	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	270.7240397974285			
[mm] SIM focus pos	-0.782348	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	193768932.180127	193768931.15541			
Observation start date	2004-02-21T16:42:12	2004-02-21T16:42:11			
[s] Observation end time (MET)	193790243.981059	193790242.95634			
Observation end date	2004-02-21T22:37:24	2004-02-21T22:37:22			
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)	2012.12.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4639999684691

A.2 Comments