

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 58863 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 6 2012

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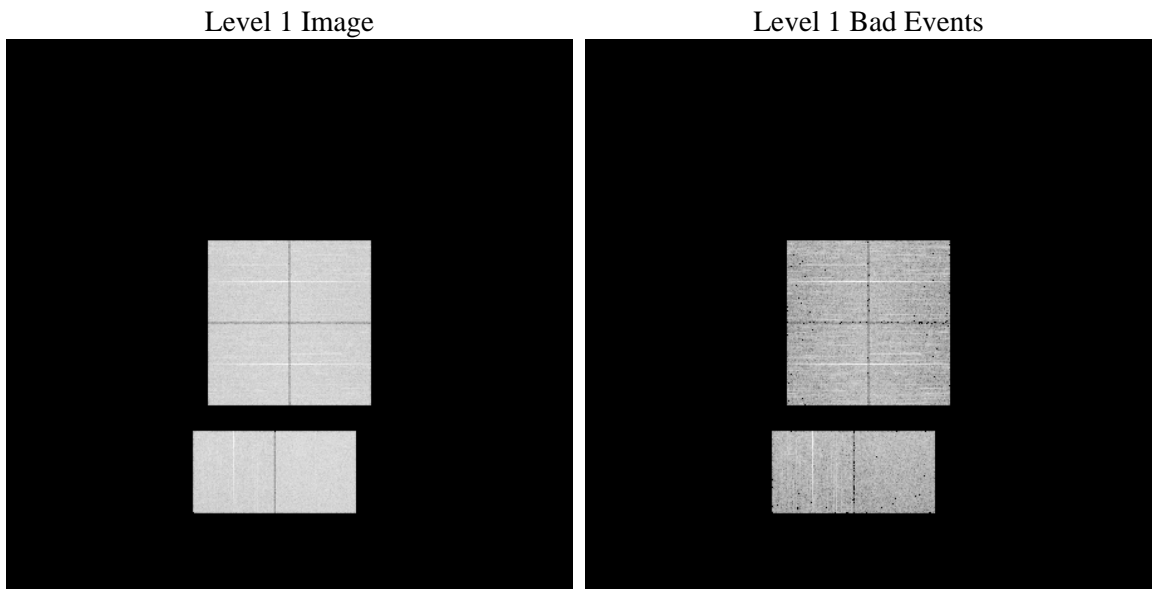
1 Front

seq_num	 	Sequence number
obs_id	58863	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	279.99653226148	Nominal RA [deg]
dec_nom	-0.02846017225836	Nominal Dec [deg]
roll_nom	230.22305087699	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5125.58399266	Sum of GTIs [s]
livetime	5060.6807618888	Livetime [s]
ontime0	5125.5429526567	Sum of GTIs [s]
ontime1	5125.5019126534	Sum of GTIs [s]
ontime2	5122.2198824286	Sum of GTIs [s]
ontime3	5125.6250326633	Sum of GTIs [s]
ontime6	5125.4198326468	Sum of GTIs [s]
ontime7	5125.58399266	Sum of GTIs [s]
l2events	549884	Number of level 2 events

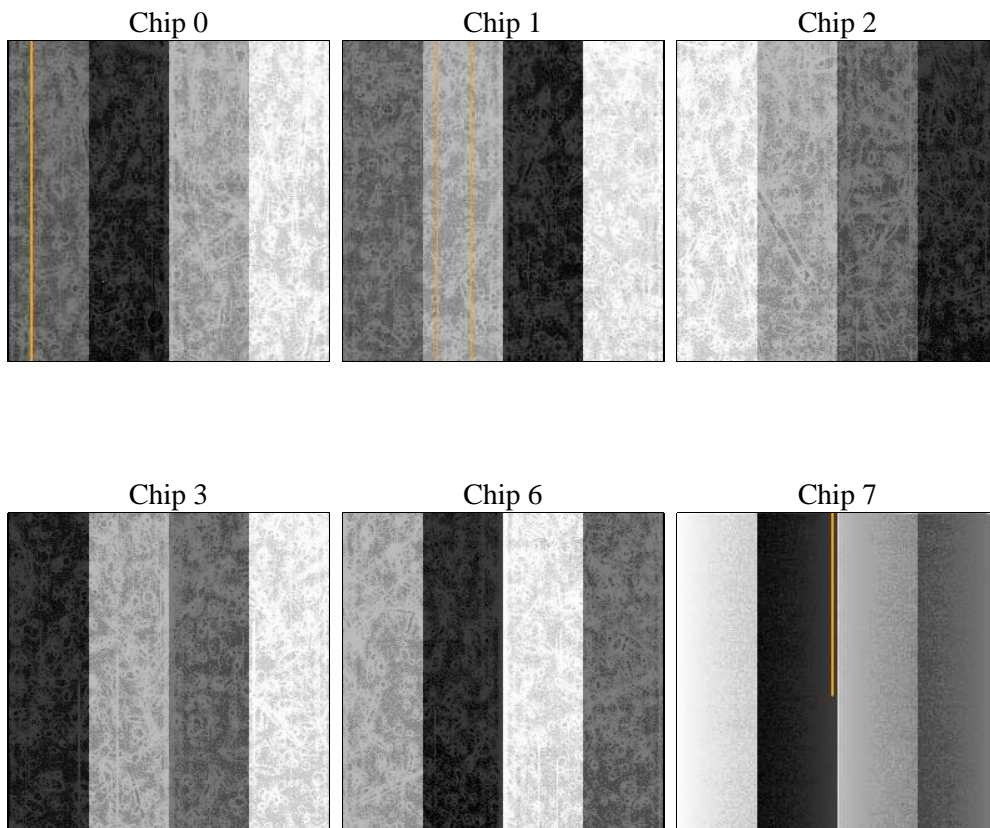
2 OBI

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	5125.58399266	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	5125.5429526567	Sum of GTIs [s]
date	2012-04-06T04:59:26	Date and time of file creation	ontime1	5125.5019126534	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	5122.2198824286	Sum of GTIs [s]
			ontime3	5125.6250326633	Sum of GTIs [s]
			ontime6	5125.4198326468	Sum of GTIs [s]
			ontime7	5125.58399266	Sum of GTIs [s]
			l1events	830193	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	134047	133210	137201	137047	138654	150034	grade 0 events	50049	49597	51517	52280	51832	25298
rejected events	41999	41176	44430	43620	42274	37368		37%	37%	37%	38%	37%	16%
rejected %	31%	30%	32%	31%	30%	24%	grade 1 events	360	318	351	370	278	120
								0%	0%	0%	0%	0%	0%
							grade 2 events	16367	16537	15934	16103	16950	24588
								12%	12%	11%	11%	12%	16%
							grade 3 events	5900	6127	6201	5993	6172	11092
								4%	4%	4%	4%	4%	7%
							grade 4 events	6005	6021	6098	6182	6069	10962
								4%	4%	4%	4%	4%	7%
							grade 5 events	2402	2475	2209	2636	2603	6379
								1%	1%	1%	1%	1%	4%
							grade 6 events	13775	13815	13070	12921	15416	40781
								10%	10%	9%	9%	11%	27%
							grade 7 events	39189	38320	41821	40562	39334	30814
								29%	28%	30%	29%	28%	20%

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	279.9965322614765	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-0.02846017225836031	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	230.2230508769918			
[mm] SIM focus pos	-0.782348	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	270263396.207907	270263395.18292			
Observation start date	2006-07-26T01:09:56	2006-07-26T01:09:55			
[s] Observation end time (MET)	270278828.608629	270278827.58364			
Observation end date	2006-07-26T05:27:09	2006-07-26T05:27:07			
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)	2012.04.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.12558399266

A.2 Comments