

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 58754 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 10 2012

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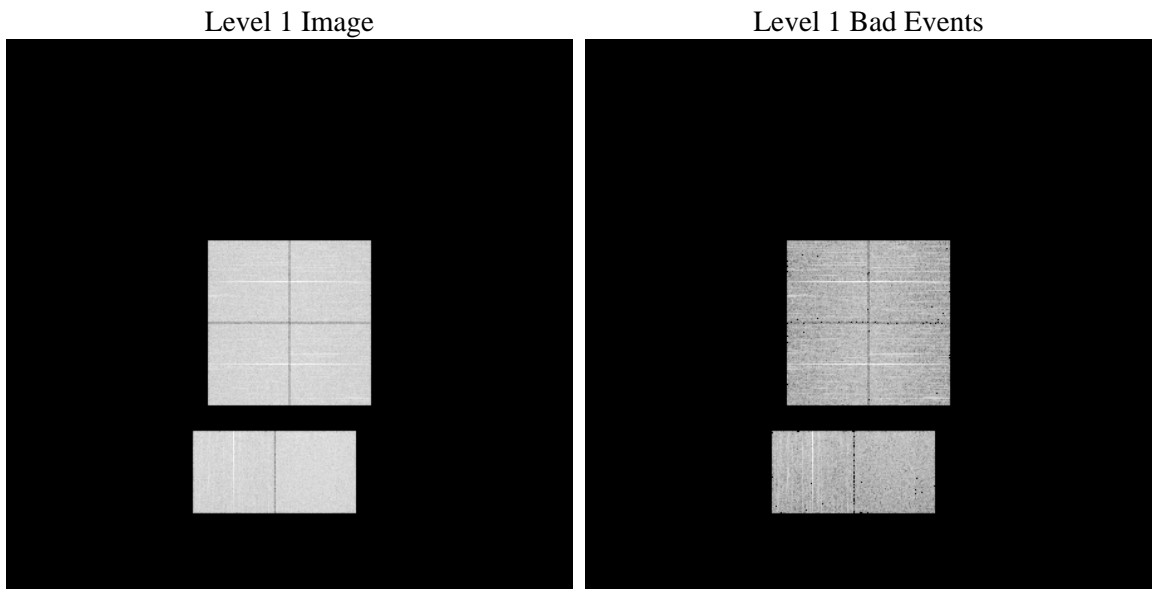
1 Front

seq_num	 	Sequence number
obs_id	58754	Observation id
title	ACIS-012367 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycle	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	3.2794701334994	Nominal RA [deg]
dec_nom	32.074930514302	Nominal Dec [deg]
roll_nom	197.49964485907	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5576.5521589518	Sum of GTIs [s]
livetime	5505.9384977185	Livetime [s]
ontime0	5576.5111189485	Sum of GTIs [s]
ontime1	5576.4700789452	Sum of GTIs [s]
ontime2	5576.4290389419	Sum of GTIs [s]
ontime3	5576.5931989551	Sum of GTIs [s]
ontime6	5576.3879989386	Sum of GTIs [s]
ontime7	5576.5521589518	Sum of GTIs [s]
l2events	573673	Number of level 2 events

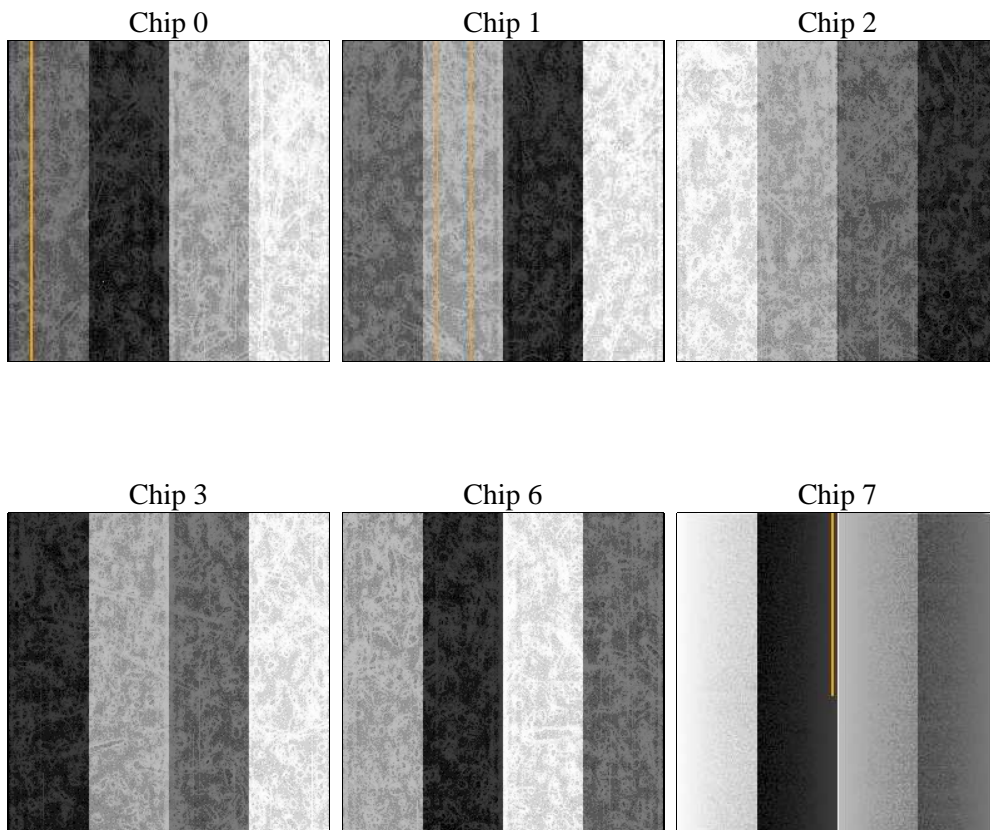
2 OBI

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	5576.5521589518	Sum of GTIs [s]
caldbver	4.4.9	 	ontime0	5576.5111189485	Sum of GTIs [s]
date	2012-04-11T02:09:24	Date and time of file creation	ontime1	5576.4700789452	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	5576.4290389419	Sum of GTIs [s]
			ontime3	5576.5931989551	Sum of GTIs [s]
			ontime6	5576.3879989386	Sum of GTIs [s]
			ontime7	5576.5521589518	Sum of GTIs [s]
			l1events	881816	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	140978	141942	143905	146943	148563	159485	grade 0 events	52327	51886	53452	53974	53739	25987
rejected events	45178	45530	47754	49473	48416	41123		37%	36%	37%	36%	36%	16%
rejected %	32%	32%	33%	33%	32%	25%	grade 1 events	369	299	404	419	299	129
								0%	0%	0%	0%	0%	0%
							grade 2 events	16769	17412	16114	16781	17341	25728
								11%	12%	11%	11%	11%	16%
							grade 3 events	6335	6300	6432	6393	6425	11589
								4%	4%	4%	4%	4%	7%
							grade 4 events	6268	6211	6374	6585	6346	11490
								4%	4%	4%	4%	4%	7%
							grade 5 events	2531	2602	2435	2936	2873	6942
								1%	1%	1%	1%	1%	4%
							grade 6 events	14101	14603	13779	13737	16296	43568
								10%	10%	9%	9%	10%	27%
							grade 7 events	42278	42629	44915	46118	45244	34052
								29%	30%	31%	31%	30%	21%

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	3.279470133499437	Alternating exposures requested	N	N
[deg] Pointing Dec	0	32.07493051430242	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	197.4996448590731			
[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)	276472194.599628	276472193.57465			
Observation start date	2006-10-05T21:49:55	2006-10-05T21:49:53			
[s] Observation end time (MET)	276493572.000634	276493570.97565			
Observation end date	2006-10-06T03:46:12	2006-10-06T03:46:10			
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)	2012.04.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.5765521589518

A.2 Comments