

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 58927 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 3 2012

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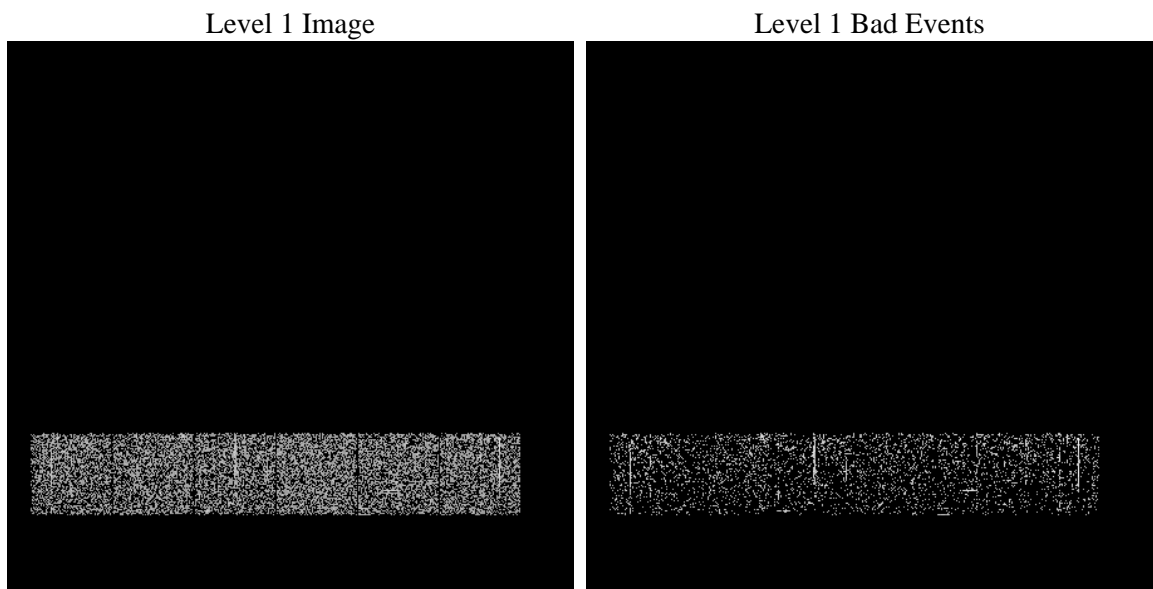
1 Front

seq_num	 	Sequence number
obs_id	58927	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	294.37356543366	Nominal RA [deg]
dec_nom	-6.6884879343059	Nominal Dec [deg]
roll_nom	123.44563986302	Nominal Roll [deg]
revision	2	Processing version of data
ontime	115.19999957085	Sum of GTIs [s]
livetime	113.74126781117	Livetime [s]
ontime4	115.19999957085	Sum of GTIs [s]
ontime5	115.19999957085	Sum of GTIs [s]
ontime6	115.19999957085	Sum of GTIs [s]
ontime7	115.19999957085	Sum of GTIs [s]
ontime8	115.19999957085	Sum of GTIs [s]
ontime9	115.19999957085	Sum of GTIs [s]
l2events	13149	Number of level 2 events

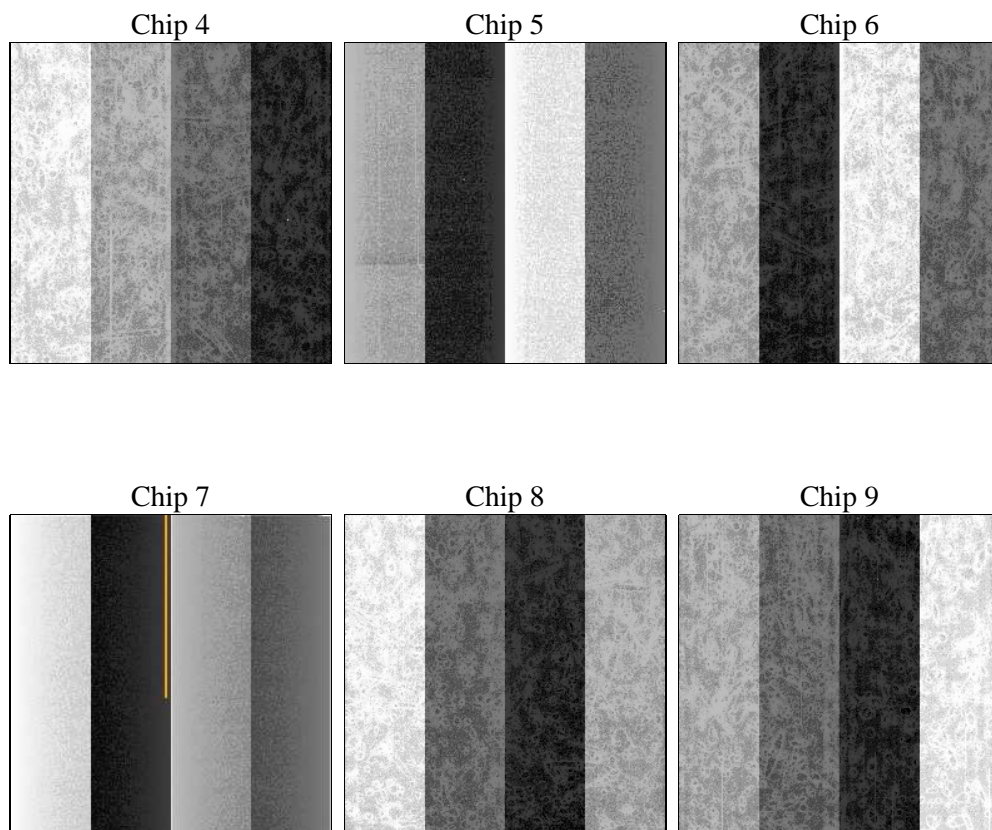
2 OBI

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	Processing system revision	ontime	115.19999957085	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	115.19999957085	Sum of GTIs [s]
date	2012-04-03T13:26:19	Date and time of file creation	ontime5	115.19999957085	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	115.19999957085	Sum of GTIs [s]
			ontime7	115.19999957085	Sum of GTIs [s]
			ontime8	115.19999957085	Sum of GTIs [s]
			ontime9	115.19999957085	Sum of GTIs [s]
			l1events	20121	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	3258	3356	3333	3447	3362	3365
rejected events	1085	907	1085	818	968	1158
rejected %	33%	27%	32%	23%	28%	34%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	1299	542	1205	633	1297	1162
	39%	16%	36%	18%	38%	34%
grade 1 events	10	12	9	2	6	5
	0%	0%	0%	0%	0%	0%
grade 2 events	333	824	386	542	416	373
	10%	24%	11%	15%	12%	11%
grade 3 events	145	129	145	237	132	160
	4%	3%	4%	6%	3%	4%
grade 4 events	134	124	149	264	159	146
	4%	3%	4%	7%	4%	4%
grade 5 events	49	133	59	138	55	64
	1%	3%	1%	4%	1%	1%
grade 6 events	262	830	363	953	390	366
	8%	24%	10%	27%	11%	10%
grade 7 events	1026	762	1017	678	907	1089
	31%	22%	30%	19%	26%	32%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-456789	ACIS-456789	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	294.3735654336553	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-6.688487934305923	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	123.4456398630187			
[mm] SIM focus pos	-0.684267	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	266841000.997678	266840999.97268			
Observation start date	2006-06-16T10:30:01	2006-06-16T10:29:59			
[s] Observation end time (MET)	266852392.848212	266852391.82321			
Observation end date	2006-06-16T13:39:53	2006-06-16T13:39:51			
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)	2012.04.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	0.11519999957085

A.2 Comments