

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55182 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 23 2012

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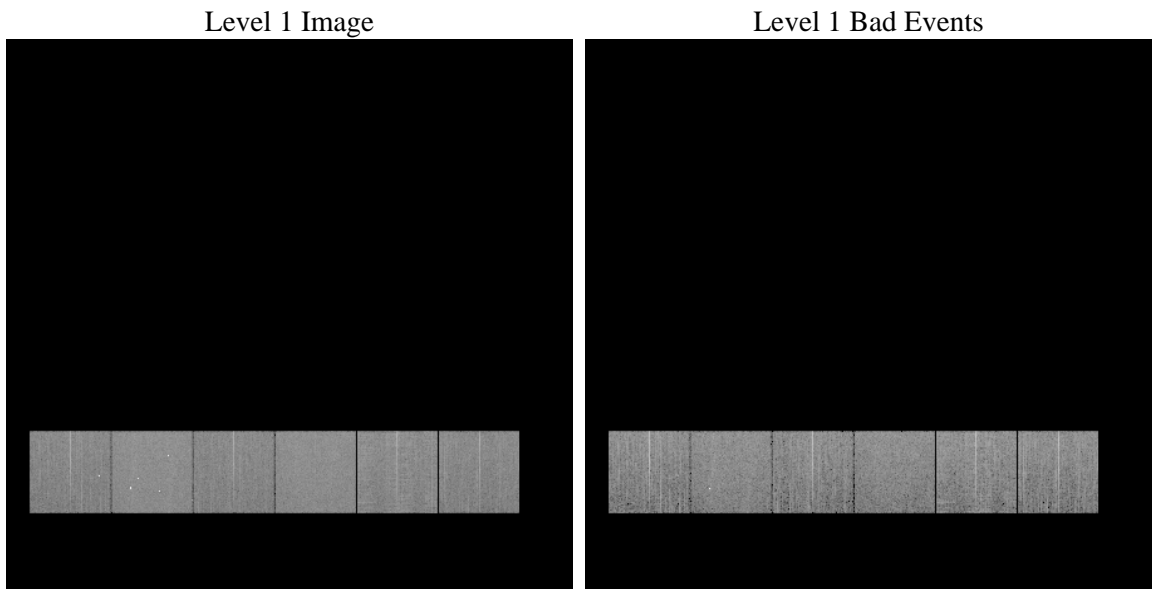
1 Front

seq_num	 	Sequence number
obs_id	55182	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	328.02786770555	Nominal RA [deg]
dec_nom	-21.012192793775	Nominal Dec [deg]
roll_nom	302.00567200552	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8281.5999692082	Sum of GTIs [s]
livetime	8176.7333638173	Livetime [s]
ontime4	8281.5999692082	Sum of GTIs [s]
ontime5	8281.5999692082	Sum of GTIs [s]
ontime6	8281.5999692082	Sum of GTIs [s]
ontime7	8281.5999692082	Sum of GTIs [s]
ontime8	8281.5999692082	Sum of GTIs [s]
ontime9	8281.5999692082	Sum of GTIs [s]
l2events	349058	Number of level 2 events

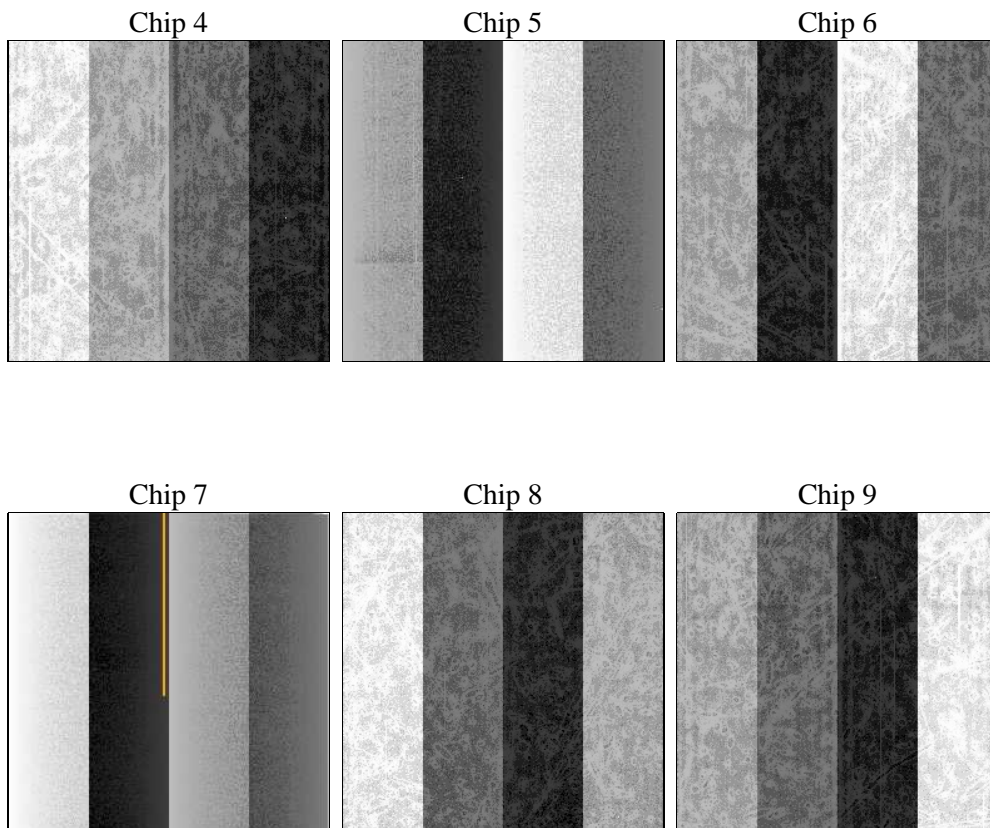
2 OBI

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	8281.5999692082	Sum of GTIs [s]
caldsver	4.4.8	 	ontime4	8281.5999692082	Sum of GTIs [s]
date	2012-02-23T05:12:27	Date and time of file creation	ontime5	8281.5999692082	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8281.5999692082	Sum of GTIs [s]
			ontime7	8281.5999692082	Sum of GTIs [s]
			ontime8	8281.5999692082	Sum of GTIs [s]
			ontime9	8281.5999692082	Sum of GTIs [s]
			l1events	727263	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9		ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	109783	140402	108700	132049	125700	110629	grade 0 events	30845	12876	27387	13463	30858	27738
rejected events	56411	57755	54514	54325	61043	57574		28%	9%	25%	10%	24%	25%
rejected %	51%	41%	50%	41%	48%	52%	grade 1 events	242	133	141	93	161	181
								0%	0%	0%	0%	0%	0%
							grade 2 events	8024	29617	10175	17291	12480	9145
								7%	21%	9%	13%	9%	8%
							grade 3 events	3638	3049	3466	6885	4553	3512
								3%	2%	3%	5%	3%	3%
							grade 4 events	3644	2980	3434	6596	4407	3554
								3%	2%	3%	4%	3%	3%
							grade 5 events	3396	6932	3471	8316	4628	3814
								3%	4%	3%	6%	3%	3%
							grade 6 events	7221	34125	9724	33489	12359	9106
								6%	24%	8%	25%	9%	8%
							grade 7 events	52773	50690	50902	45916	56254	53579
								48%	36%	46%	34%	44%	48%

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	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	328.0278677055518	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-21.01219279377485	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	302.0056720055172	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	432715126.307306	432715125.28231			
Observation start date	2011-09-18T06:38:46	2011-09-18T06:38:45			
[s] Observation end time (MET)	432724986.807823	432724985.78283			
Observation end date	2011-09-18T09:23:07	2011-09-18T09:23:05			
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)	2012.02.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2815999692082

A.2 Comments