

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 57068 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 8 2012

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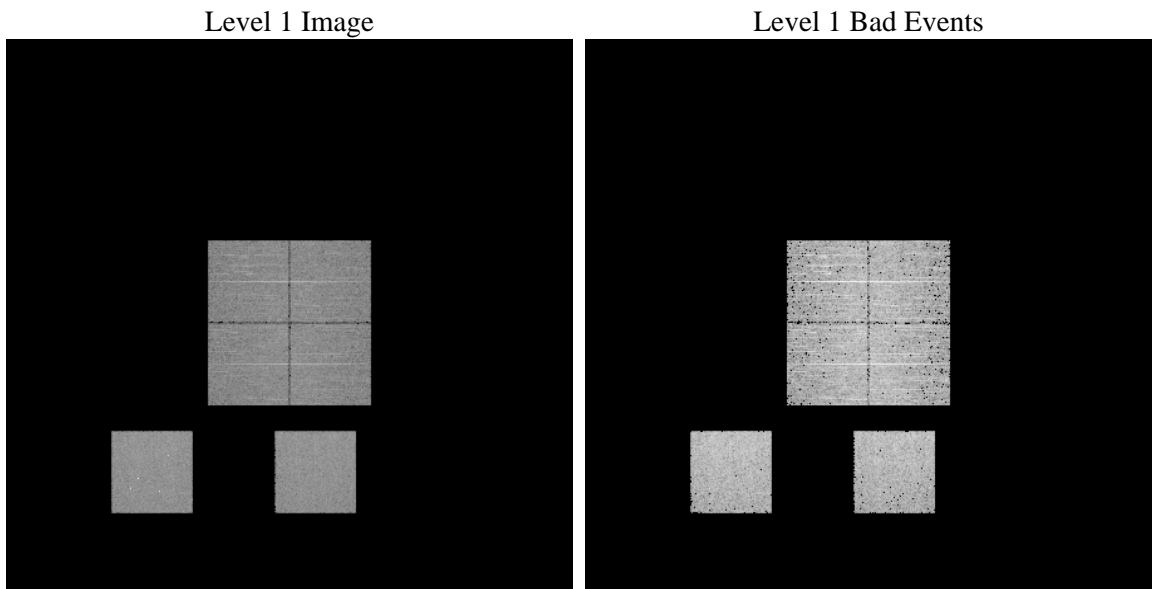
1 Front

seq_num	 	Sequence number
obs_id	57068	Observation id
title	ACIS-012357 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	227.98249867441	Nominal RA [deg]
dec_nom	-13.019928885375	Nominal Dec [deg]
roll_nom	244.63550153606	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3275.763528645	Sum of GTIs [s]
livetime	3234.2838384173	Livetime [s]
ontime0	3275.7224886417	Sum of GTIs [s]
ontime1	3275.6814486384	Sum of GTIs [s]
ontime2	3275.6404086351	Sum of GTIs [s]
ontime3	3275.8045686483	Sum of GTIs [s]
ontime5	3275.5993686318	Sum of GTIs [s]
ontime7	3275.763528645	Sum of GTIs [s]
l2events	206052	Number of level 2 events

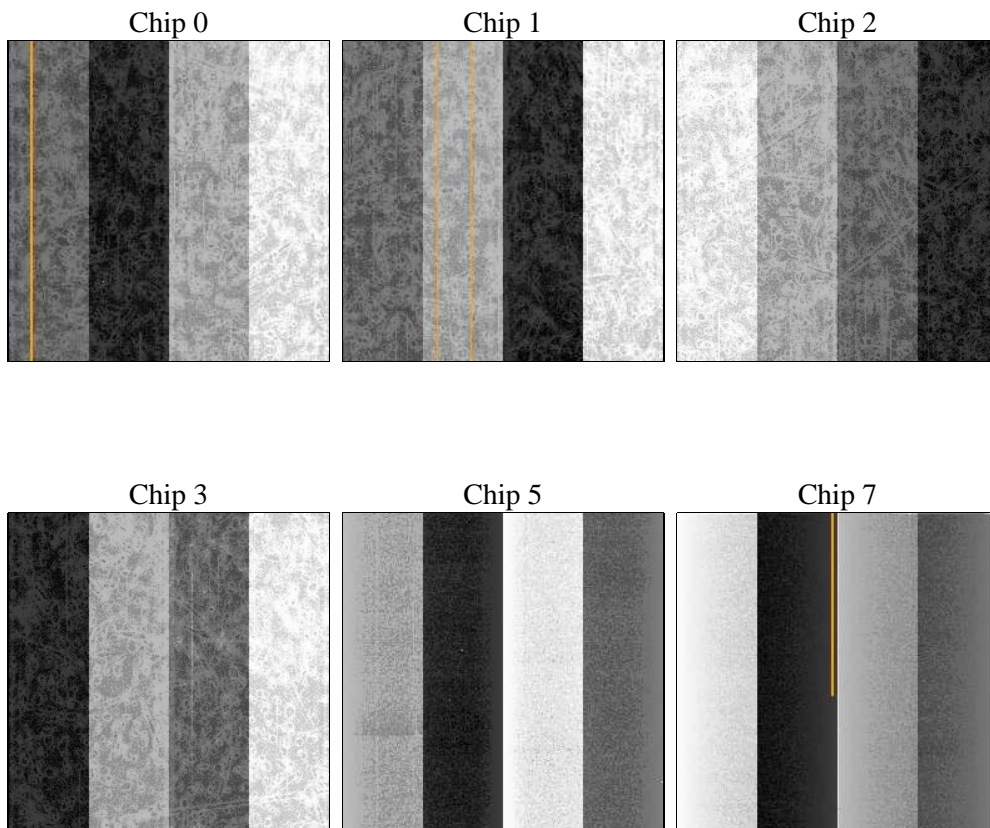
2 OBI

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	8.4.5	Processing system revision	ontime	3275.763528645	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	3275.7224886417	Sum of GTIs [s]
date	2012-06-08T08:40:37	Date and time of file creation	ontime1	3275.6814486384	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	3275.6404086351	Sum of GTIs [s]
			ontime3	3275.8045686483	Sum of GTIs [s]
			ontime5	3275.5993686318	Sum of GTIs [s]
			ontime7	3275.763528645	Sum of GTIs [s]
			l1events	389237	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	58408	58364	59934	60861	77691	73979	grade 0 events	16417	16110	17044	16663	8330	8597
rejected events	27697	27377	28845	30075	29371	27927		28%	27%	28%	27%	10%	11%
rejected %	47%	46%	48%	49%	37%	37%	grade 1 events	139	102	129	143	89	67
								0%	0%	0%	0%	0%	0%
							grade 2 events	5487	5743	5399	5469	16491	9967
								9%	9%	9%	8%	21%	13%
							grade 3 events	1955	2086	2099	2124	2247	4336
								3%	3%	3%	3%	2%	5%
							grade 4 events	2119	2035	2091	2135	2162	4310
								3%	3%	3%	3%	2%	5%
							grade 5 events	1603	1766	1519	1826	4072	4548
								2%	3%	2%	3%	5%	6%
							grade 6 events	4733	5013	4456	4395	19090	18842
								8%	8%	7%	7%	24%	25%
							grade 7 events	25955	25509	27197	28106	25210	23312
								44%	43%	45%	46%	32%	31%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012357	ACIS-012357	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	227.9824986744089	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-13.01992888537486	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	244.635501536064	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.6828225247311905			
[mm] SIM defocus	0.1037507710433287	0.8505141146731063			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	360516250.886364	360516249.8614			
Observation start date	2009-06-04T15:24:11	2009-06-04T15:24:09			
[s] Observation end time (MET)	360521910.936646	360521909.91168			
Observation end date	2009-06-04T16:58:31	2009-06-04T16:58:29			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.06.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.275763528645

A.2 Comments