

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 55887 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jul 6 2012

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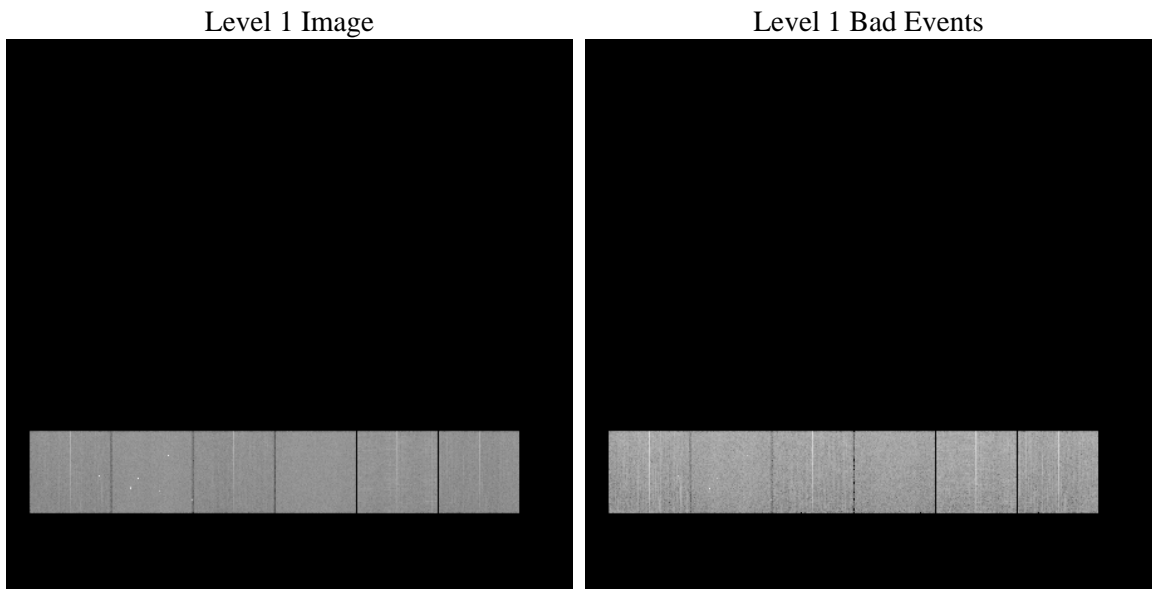
1 Front

seq_num	 	Sequence number
obs_id	55887	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	23.482860416525	Nominal RA [deg]
dec_nom	22.1217411587	Nominal Dec [deg]
roll_nom	263.39305584343	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8003.1999702454	Sum of GTIs [s]
livetime	7901.8586332736	Livetime [s]
ontime4	7656.4138637781	Sum of GTIs [s]
ontime5	8003.1999702454	Sum of GTIs [s]
ontime6	7669.3777059317	Sum of GTIs [s]
ontime7	8003.1999702454	Sum of GTIs [s]
ontime8	7724.4747409225	Sum of GTIs [s]
ontime9	7624.0036223531	Sum of GTIs [s]
l2events	656566	Number of level 2 events

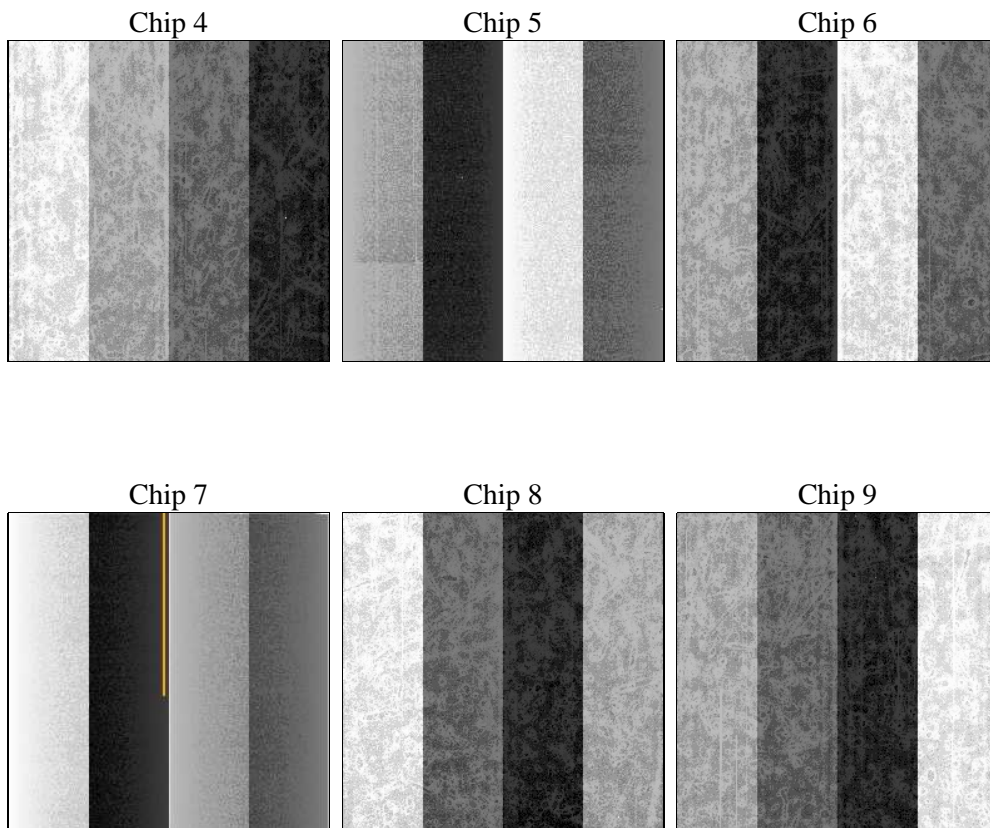
2 OBI

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	8003.1999702454	Sum of GTIs [s]
caldsver	4.5.0	 	ontime4	7656.4138637781	Sum of GTIs [s]
date	2012-07-06T15:49:03	Date and time of file creation	ontime5	8003.1999702454	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	7669.3777059317	Sum of GTIs [s]
			ontime7	8003.1999702454	Sum of GTIs [s]
			ontime8	7724.4747409225	Sum of GTIs [s]
			ontime9	7624.0036223531	Sum of GTIs [s]
			l1events	1187299	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	184728	211096	183565	209902	213734	184274	grade 0 events	60431	22475	53960	29361	62836	56282
rejected events	80389	77843	76548	73261	87055	78024		32%	10%	29%	13%	29%	30%
rejected %	43%	36%	41%	34%	40%	42%	grade 1 events	637	260	329	183	492	457
								0%	0%	0%	0%	0%	0%
							grade 2 events	16517	51783	20347	31261	23805	19133
								8%	24%	11%	14%	11%	10%
							grade 3 events	7303	5184	6615	11413	8959	6836
								3%	2%	3%	5%	4%	3%
							grade 4 events	7227	5233	6724	11508	8739	6878
								3%	2%	3%	5%	4%	3%
							grade 5 events	4226	9381	4282	10445	5662	4791
								2%	4%	2%	4%	2%	2%
							grade 6 events	17758	53764	24191	58485	27991	21934
								9%	25%	13%	27%	13%	11%
							grade 7 events	70629	63016	67117	57246	75250	67963
								38%	29%	36%	27%	35%	36%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-456789	ACIS-456789
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	23.48286041652483
[deg] Pointing Dec	0	22.12174115869976
[deg] Pointing Roll	0.0	263.3930558434257
[mm] SIM focus pos	-1.4281808131	-1.4281808131
[mm] SIM defocus	0.1051557500557434	0.1051557500557434
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	405982834.19118	405982834.19118
Observation start date	2010-11-12T21:00:34	2010-11-12T21:00:34
[s] Observation end time (MET)	405992382.185232	405992382.185232
Observation end date	2010-11-12T23:39:42	2010-11-12T23:39:42
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	OVERRIDE	OVERRIDE
Number of optional ACIS chips dropped	0	0
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.07.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.0031999702454

A.2 Comments