

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57765 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 16 2012

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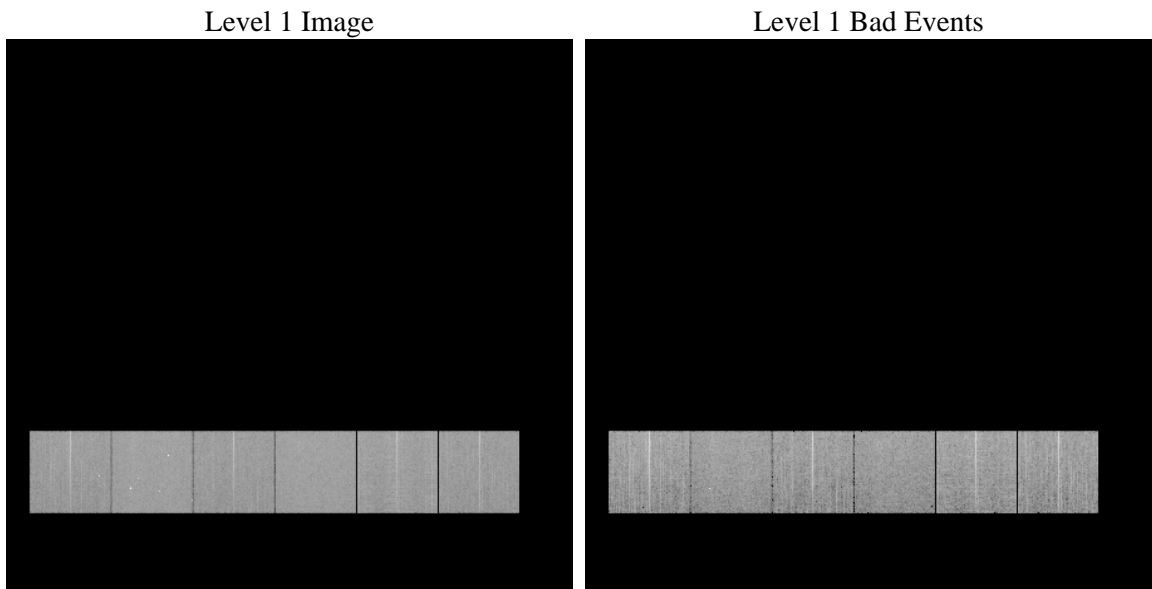
1 Front

seq_num	 	Sequence number
obs_id	57765	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	258.03792220404	Nominal RA [deg]
dec_nom	-46.991890694107	Nominal Dec [deg]
roll_nom	346.85918256619	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7791.9999710321	Sum of GTIs [s]
livetime	7693.3329756198	Livetime [s]
ontime4	7791.9999710321	Sum of GTIs [s]
ontime5	7791.9999710321	Sum of GTIs [s]
ontime6	7791.9999710321	Sum of GTIs [s]
ontime7	7791.9999710321	Sum of GTIs [s]
ontime8	7791.9999710321	Sum of GTIs [s]
ontime9	7791.9999710321	Sum of GTIs [s]
l2events	577985	Number of level 2 events

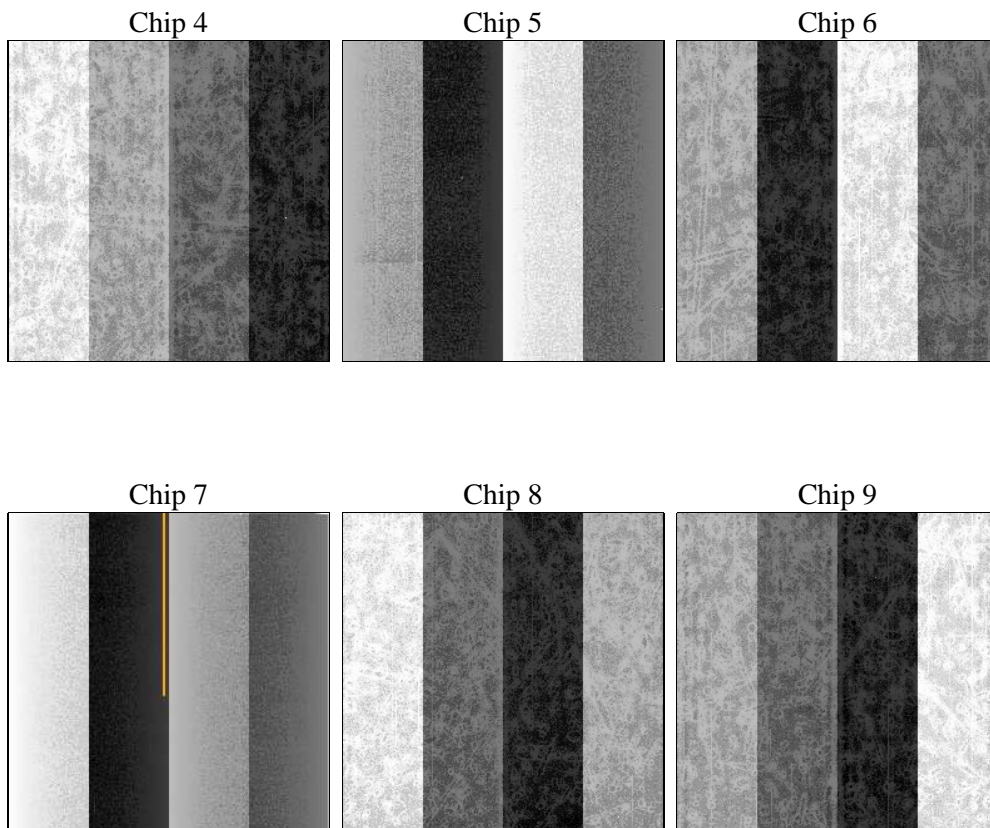
2 OBI

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	8.4.4	Processing system revision	ontime	7791.9999710321	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	7791.9999710321	Sum of GTIs [s]
date	2012-05-16T15:51:41	Date and time of file creation	ontime5	7791.9999710321	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	7791.9999710321	Sum of GTIs [s]
			ontime7	7791.9999710321	Sum of GTIs [s]
			ontime8	7791.9999710321	Sum of GTIs [s]
			ontime9	7791.9999710321	Sum of GTIs [s]
			l1events	1044363	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	165057	188275	161373	184742	181558	163358	grade 0 events	50833	20631	49863	24922	54473	49106
rejected events	75991	66396	66896	61596	74875	71873		30%	10%	30%	13%	30%	30%
rejected %	46%	35%	41%	33%	41%	43%	grade 1 events	443	211	312	137	352	393
								0%	0%	0%	0%	0%	0%
							grade 2 events	14467	43457	16943	26764	19511	15957
								8%	23%	10%	14%	10%	9%
							grade 3 events	6136	6135	6261	11900	7536	6282
								3%	3%	3%	6%	4%	3%
							grade 4 events	6074	5868	6122	11576	7335	6050
								3%	3%	3%	6%	4%	3%
							grade 5 events	4015	9205	4064	10332	5194	4417
								2%	4%	2%	5%	2%	2%
							grade 6 events	11587	45847	15325	48044	17878	14133
								7%	24%	9%	26%	9%	8%
							grade 7 events	71502	56921	62483	51067	69279	67020
								43%	30%	38%	27%	38%	41%

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	258.0379222040383
[deg] Pointing Dec	0	-46.99189069410663
[deg] Pointing Roll	0.0	346.8591825661917
[mm] SIM focus pos	-1.429586	-0.6828225247311905
[mm] SIM defocus	0.1037507710433287	0.8505141146731063
[mm] SIM translation stage pos	250.455976	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	329894250.063929	329894249.03892
Observation start date	2008-06-15T05:17:30	2008-06-15T05:17:29
[s] Observation end time (MET)	329904065.464409	329904064.4394
Observation end date	2008-06-15T08:01:05	2008-06-15T08:01:04
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
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	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.05.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7919999710321

A.2 Comments