

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 59136 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Mar 25 2012

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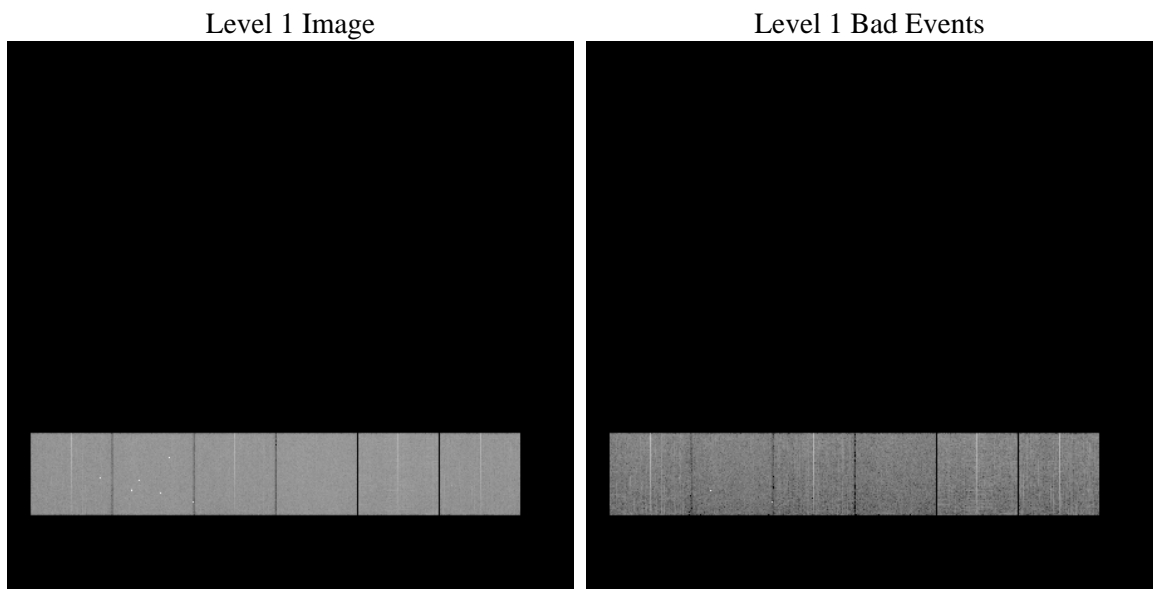
1 Front

seq_num	 	Sequence number
obs_id	59136	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	155.96845751534	Nominal RA [deg]
dec_nom	40.004088341103	Nominal Dec [deg]
roll_nom	140.76033139368	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7795.1999709606	Sum of GTIs [s]
livetime	7696.4924552224	Livetime [s]
ontime4	7652.5970171392	Sum of GTIs [s]
ontime5	7795.1999709606	Sum of GTIs [s]
ontime6	7795.1999709606	Sum of GTIs [s]
ontime7	7795.1999709606	Sum of GTIs [s]
ontime8	7795.1999709606	Sum of GTIs [s]
ontime9	7730.380384922	Sum of GTIs [s]
l2events	933518	Number of level 2 events

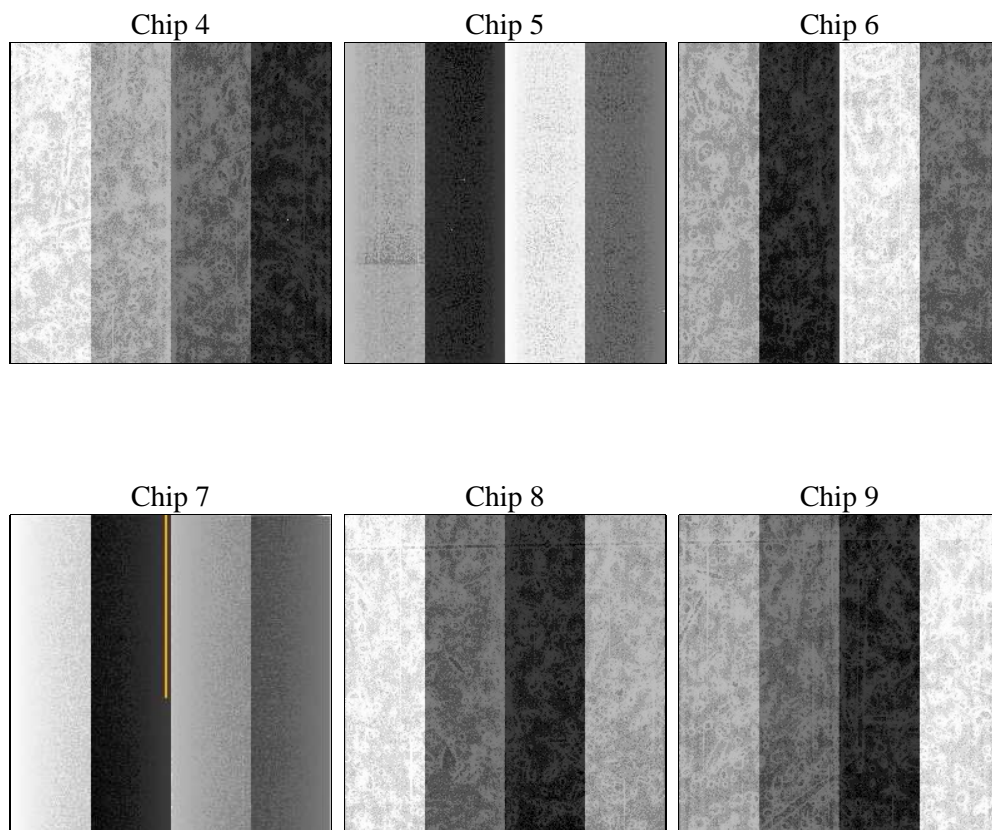
2 OBI

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	7795.1999709606	Sum of GTIs [s]
caldsver	4.4.8	 	ontime4	7652.5970171392	Sum of GTIs [s]
date	2012-03-25T02:40:37	Date and time of file creation	ontime5	7795.1999709606	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	7795.1999709606	Sum of GTIs [s]
			ontime7	7795.1999709606	Sum of GTIs [s]
			ontime8	7795.1999709606	Sum of GTIs [s]
			ontime9	7730.380384922	Sum of GTIs [s]
			l1events	1394658	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	218867	238693	227612	240488	245214	223784	grade 0 events	88042	37054	88671	42510	92565	85867
rejected events	67937	62451	63354	53889	71005	66675		40%	15%	38%	17%	37%	38%
rejected %	31%	26%	27%	22%	28%	29%	grade 1 events	772	507	475	165	527	558
								0%	0%	0%	0%	0%	0%
							grade 2 events	23510	63844	28859	41058	30962	26717
								10%	26%	12%	17%	12%	11%
							grade 3 events	10026	9308	10327	18505	11719	10334
								4%	3%	4%	7%	4%	4%
							grade 4 events	10060	8957	10326	18079	11707	10311
								4%	3%	4%	7%	4%	4%
							grade 5 events	3688	9605	3853	9250	4787	4240
								1%	4%	1%	3%	1%	1%
							grade 6 events	19292	57079	26075	66447	27256	23880
								8%	23%	11%	27%	11%	10%
							grade 7 events	63477	52339	59026	44474	65691	61877
								29%	21%	25%	18%	26%	27%

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	155.9684575153352
[deg] Pointing Dec	0	40.00408834110313
[deg] Pointing Roll	0.0	140.760331393679
[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)	255411655.965245	255411654.94024
Observation start date	2006-02-04T03:40:56	2006-02-04T03:40:54
[s] Observation end time (MET)	255428988.71605	255428987.69104
Observation end date	2006-02-04T08:29:49	2006-02-04T08:29:47
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)	2012.03.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7951999709606

A.2 Comments