

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 54804 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Mar 6 2012

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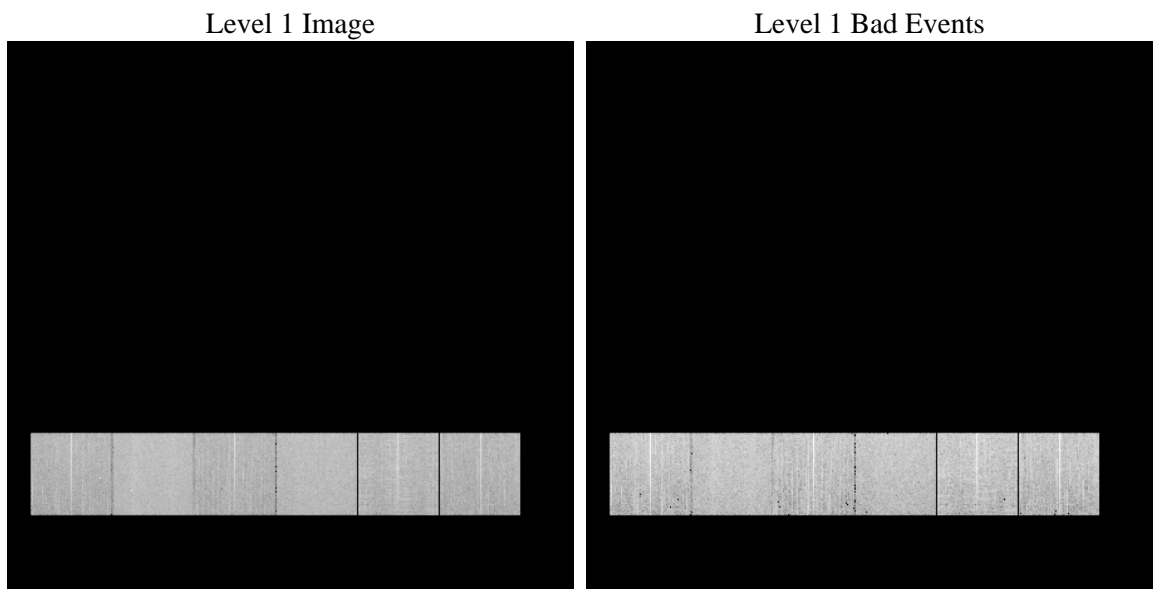
1 Front

seq_num	 	Sequence number
obs_id	54804	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	170.60740794461	Nominal RA [deg]
dec_nom	2.8791199527442	Nominal Dec [deg]
roll_nom	264.15553914328	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8092.7999699116	Sum of GTIs [s]
livetime	7990.3240637934	Livetime [s]
ontime4	8092.7999699116	Sum of GTIs [s]
ontime5	8092.7999699116	Sum of GTIs [s]
ontime6	8092.7999699116	Sum of GTIs [s]
ontime7	8092.7999699116	Sum of GTIs [s]
ontime8	8092.7999699116	Sum of GTIs [s]
ontime9	8092.7999699116	Sum of GTIs [s]
l2events	286685	Number of level 2 events

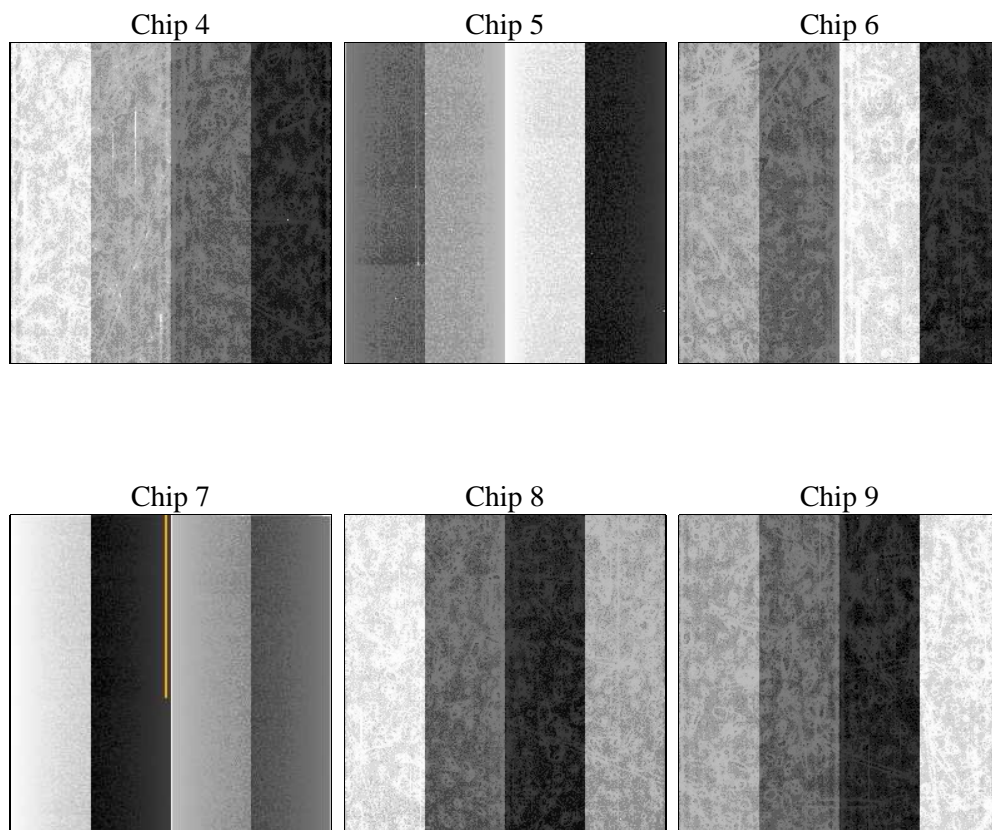
2 OBI

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	8092.7999699116	Sum of GTIs [s]
caldsver	4.4.8	 	ontime4	8092.7999699116	Sum of GTIs [s]
date	2012-03-06T07:50:28	Date and time of file creation	ontime5	8092.7999699116	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	8092.7999699116	Sum of GTIs [s]
			ontime7	8092.7999699116	Sum of GTIs [s]
			ontime8	8092.7999699116	Sum of GTIs [s]
			ontime9	8092.7999699116	Sum of GTIs [s]
			l1events	675460	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	99713	131985	100566	124560	118289	100347	grade 0 events	23335	6277	20459	10603	24966	21586
rejected events	59872	61307	58807	57467	65652	59602		23%	4%	20%	8%	21%	21%
rejected %	60%	46%	58%	46%	55%	59%	grade 1 events	183	175	116	106	146	122
								0%	0%	0%	0%	0%	0%
							grade 2 events	6233	27029	9640	15429	10752	7757
								6%	20%	9%	12%	9%	7%
							grade 3 events	2964	2377	2599	5645	3933	2764
								2%	1%	2%	4%	3%	2%
							grade 4 events	2955	2329	2567	5574	3846	2775
								2%	1%	2%	4%	3%	2%
							grade 5 events	3173	6642	3114	8110	4306	3748
								3%	5%	3%	6%	3%	3%
							grade 6 events	5296	34431	7436	31346	10398	6779
								5%	26%	7%	25%	8%	6%
							grade 7 events	55574	52725	54635	47747	59942	54816
								55%	39%	54%	38%	50%	54%

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	170.6074079446089
[deg] Pointing Dec	0	2.879119952744151
[deg] Pointing Roll	0.0	264.1555391432813
SIM focus pos (mm)	-1.4281808131	-1.4281808131
[mm] SIM defocus	0.1051557500557434	0.1051557500557434
SIM translation stage pos (mm)	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	447371228.767595	447371228.767595
Observation start date	2012-03-05T21:47:09	2012-03-05T21:47:08
[s] Observation end time (MET)	447379532.777316	447379532.777316
Observation end date	2012-03-06T00:05:33	2012-03-06T00:05:32
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	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.03.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.0927999699116

A.2 Comments