

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 54880 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Feb 3 2012

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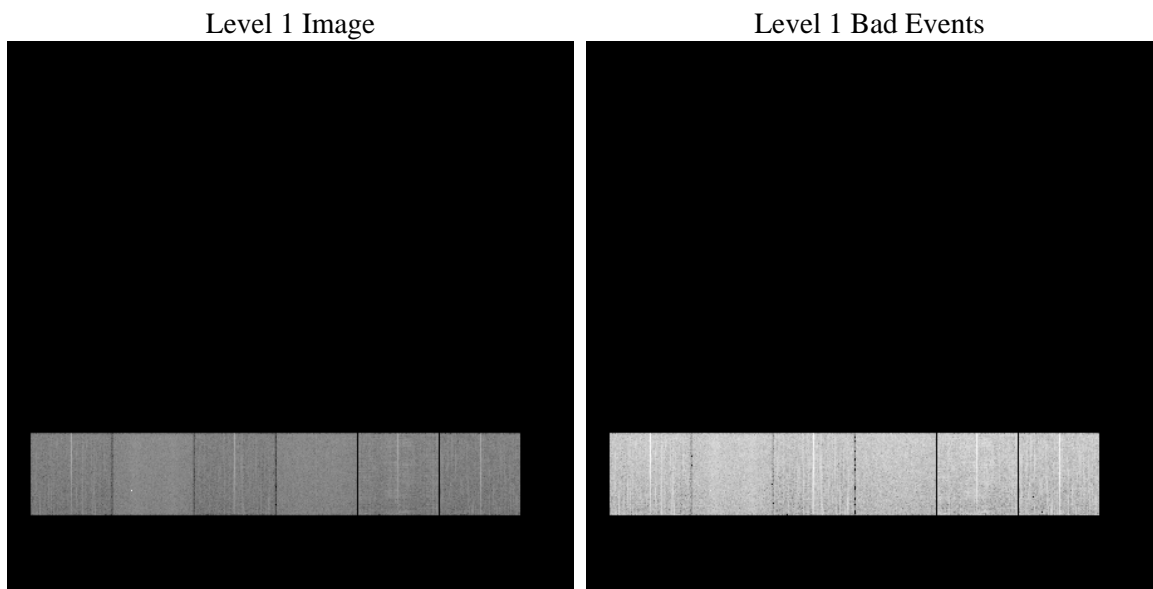
1 Front

seq_num	 	Sequence number
obs_id	54880	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	336.32376460765	Nominal RA [deg]
dec_nom	-12.673613543173	Nominal Dec [deg]
roll_nom	218.6593369457	Nominal Roll [deg]
revision	1	Processing version of data
ontime	7999.9999702573	Sum of GTIs [s]
livetime	7898.6991536122	Livetime [s]
ontime4	7999.9999702573	Sum of GTIs [s]
ontime5	7999.9999702573	Sum of GTIs [s]
ontime6	7999.9999702573	Sum of GTIs [s]
ontime7	7999.9999702573	Sum of GTIs [s]
ontime8	7999.9999702573	Sum of GTIs [s]
ontime9	7999.9999702573	Sum of GTIs [s]
l2events	284783	Number of level 2 events

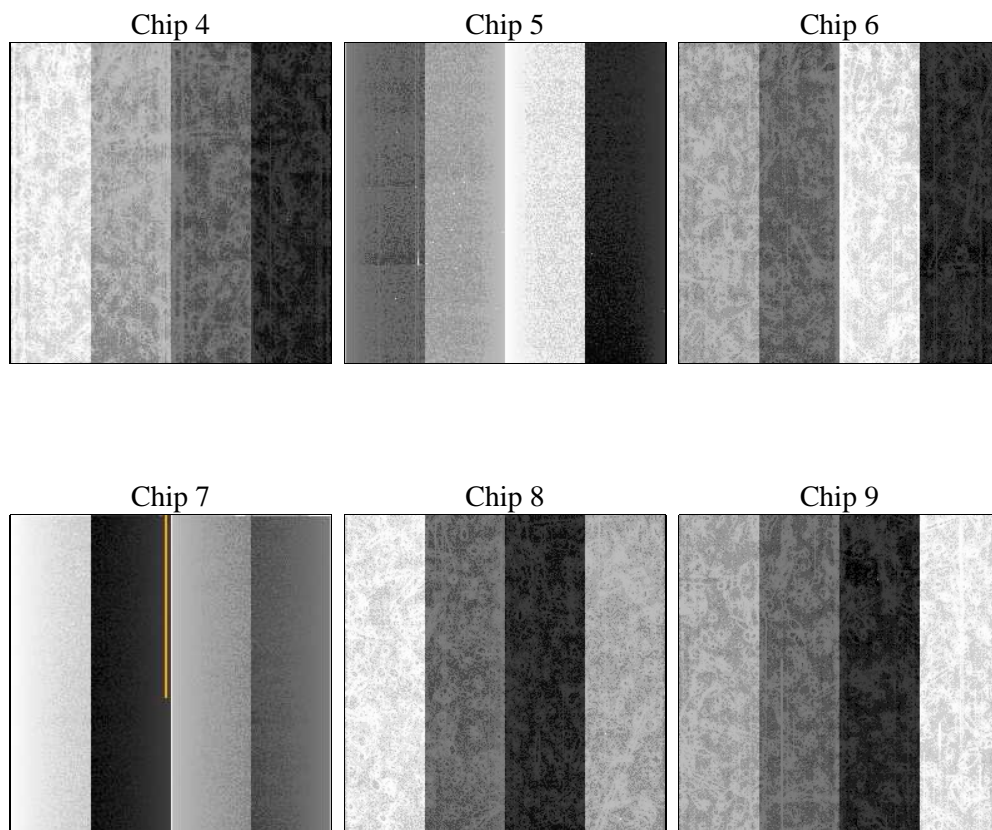
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	7999.9999702573	Sum of GTIs [s]
caldsver	4.4.7	 	ontime4	7999.9999702573	Sum of GTIs [s]
date	2012-02-03T19:53:59	Date and time of file creation	ontime5	7999.9999702573	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	7999.9999702573	Sum of GTIs [s]
			ontime7	7999.9999702573	Sum of GTIs [s]
			ontime8	7999.9999702573	Sum of GTIs [s]
			ontime9	7999.9999702573	Sum of GTIs [s]
			l1events	692648	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	102965	136388	103386	127438	118592	103879	grade 0 events	23094	6437	18036	10476	23972	20470
rejected events	63773	64312	61775	60062	67081	63524		22%	4%	17%	8%	20%	19%
rejected %	61%	47%	59%	47%	56%	61%	grade 1 events	198	166	85	101	116	144
								0%	0%	0%	0%	0%	0%
							grade 2 events	6425	26404	12177	15280	11542	8885
								6%	19%	11%	11%	9%	8%
							grade 3 events	2917	3092	2254	5784	3755	2548
								2%	2%	2%	4%	3%	2%
							grade 4 events	2857	3505	2289	5442	3759	2667
								2%	2%	2%	4%	3%	2%
							grade 5 events	3191	6502	2982	7878	4120	3467
								3%	4%	2%	6%	3%	3%
							grade 6 events	5282	35178	8312	32875	10305	7253
								5%	25%	8%	25%	8%	6%
							grade 7 events	59001	55104	57251	49602	61023	58445
								57%	40%	55%	38%	51%	56%

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	336.323764607654
[deg] Pointing Dec	0	-12.67361354317309
[deg] Pointing Roll	0.0	218.6593369457042
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)	444628865.722328	444628865.722328
Observation start date	2012-02-03T04:01:06	2012-02-03T04:01:05
[s] Observation end time (MET)	444638683.384567	444638683.384567
Observation end date	2012-02-03T06:44:43	2012-02-03T06:44:43
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	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.02.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.9999999702573

A.2 Comments