

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 54150 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Nov 20 2012

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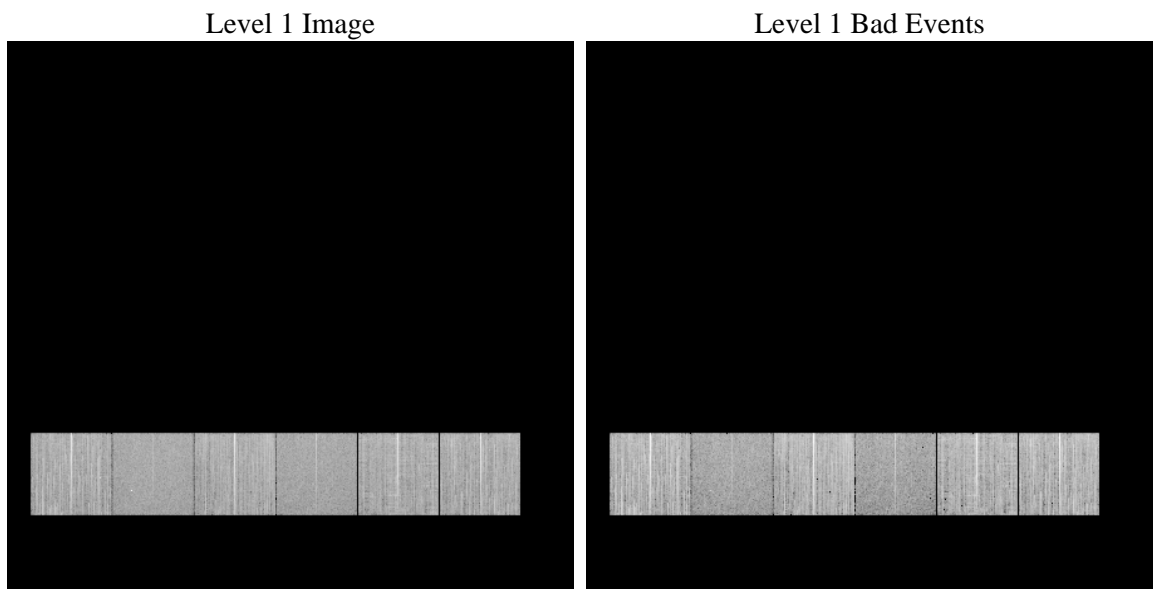
1 Front

seq_num	 	Sequence number
obs_id	54150	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	34.17566111467	Nominal RA [deg]
dec_nom	14.265484552761	Nominal Dec [deg]
roll_nom	287.84321915228	Nominal Roll [deg]
revision	1	Processing version of data
ontime	5948.7999778986	Sum of GTIs [s]
livetime	5873.4726906411	Livetime [s]
ontime4	5948.7368730307	Sum of GTIs [s]
ontime5	5948.7999778986	Sum of GTIs [s]
ontime6	5948.777913034	Sum of GTIs [s]
ontime7	5948.7999778986	Sum of GTIs [s]
ontime8	5948.6958330274	Sum of GTIs [s]
ontime9	5948.7999778986	Sum of GTIs [s]
l2events	184640	Number of level 2 events

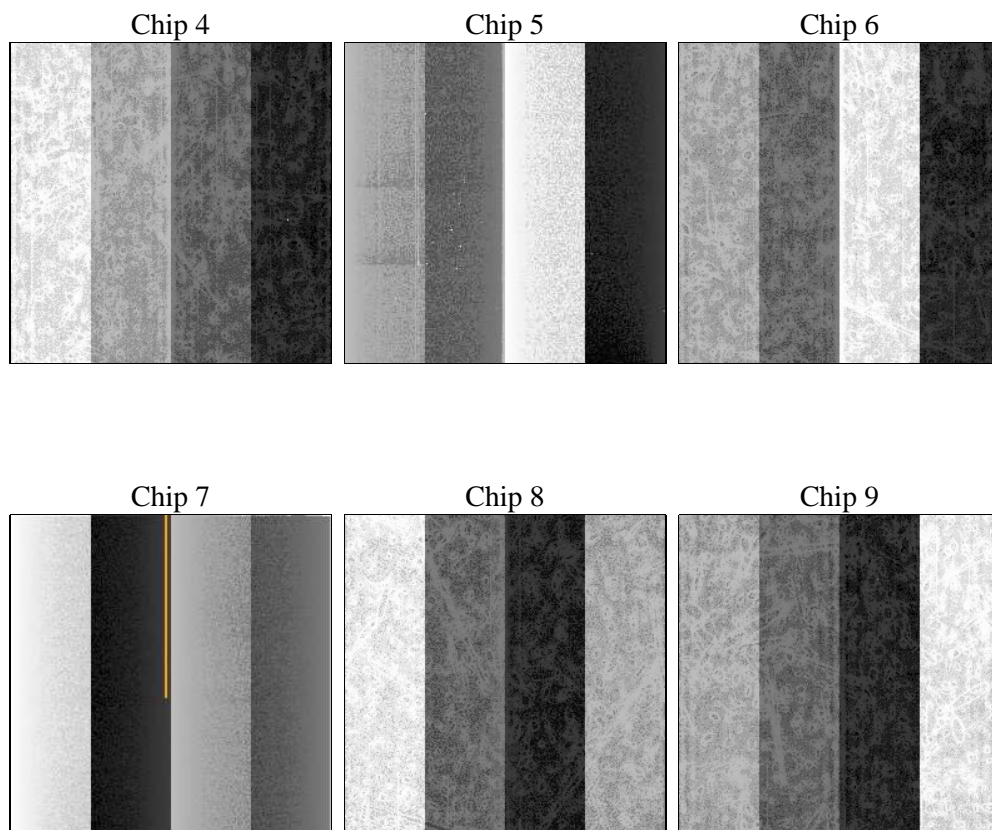
2 OBI

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	5948.7999778986	Sum of GTIs [s]
caldbver	4.5.2	 	ontime4	5948.7368730307	Sum of GTIs [s]
date	2012-11-20T19:18:54	Date and time of file creation	ontime5	5948.7999778986	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	5948.777913034	Sum of GTIs [s]
			ontime7	5948.7999778986	Sum of GTIs [s]
			ontime8	5948.6958330274	Sum of GTIs [s]
			ontime9	5948.7999778986	Sum of GTIs [s]
			l1events	726518	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	130235	103896	132738	99059	129235	131355	grade 0 events	14264	3707	11203	6206	14742	12865
rejected events	104334	58394	106327	54871	96888	105153		10%	3%	8%	6%	11%	9%
rejected %	80%	56%	80%	55%	74%	80%	grade 1 events	126	133	50	56	69	72
								0%	0%	0%	0%	0%	0%
							grade 2 events	5282	17235	7964	11466	7493	6048
								4%	16%	5%	11%	5%	4%
							grade 3 events	1784	1618	1377	3407	2395	1760
								1%	1%	1%	3%	1%	1%
							grade 4 events	1773	1485	1458	3324	2312	1640
								1%	1%	1%	3%	1%	1%
							grade 5 events	2440	4224	2041	5228	2881	2436
								1%	4%	1%	5%	2%	1%
							grade 6 events	3405	22599	5086	20941	6270	4537
								2%	21%	3%	21%	4%	3%
							grade 7 events	101161	52895	103559	48431	93073	101997
								77%	50%	78%	48%	72%	77%

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	34.1756611146704
[deg] Pointing Dec	0	14.265484552761
[deg] Pointing Roll	0.0	287.8432191522759
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)	469754627.483298	469754627.483298
Observation start date	2012-11-19T23:23:47	2012-11-19T23:23:47
[s] Observation end time (MET)	469769851.797767	469769851.797767
Observation end date	2012-11-20T03:37:32	2012-11-20T03:37:31
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)	2012.11.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.9487999778986

A.2 Comments