

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 54168 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Nov 12 2012

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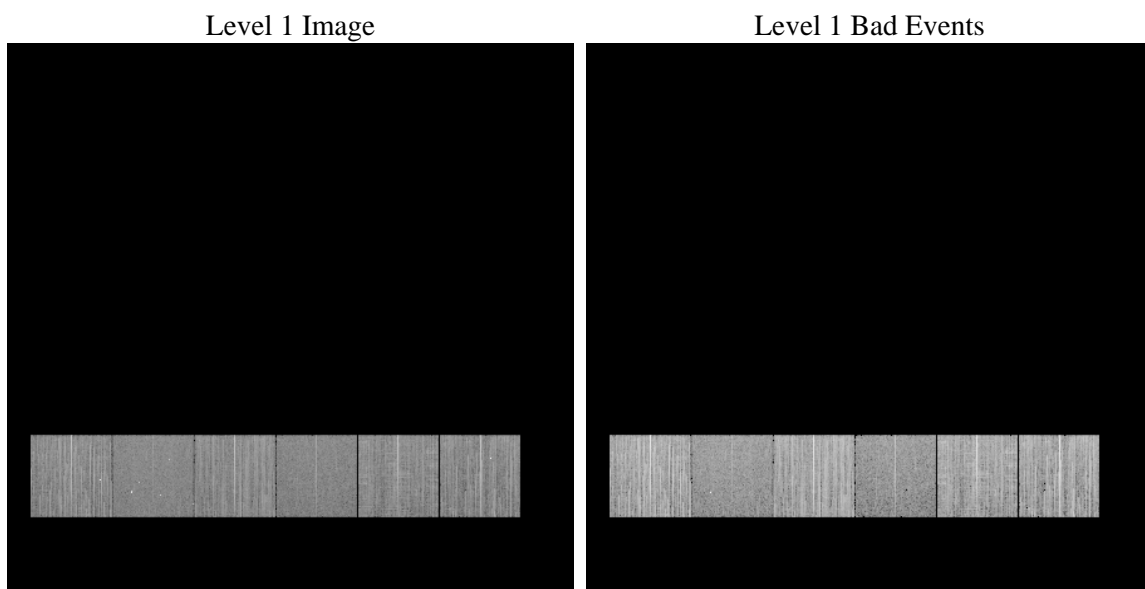
1 Front

seq_num	 	Sequence number
obs_id	54168	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	59.157418725346	Nominal RA [deg]
dec_nom	-10.18739763482	Nominal Dec [deg]
roll_nom	22.537631008541	Nominal Roll [deg]
revision	1	Processing version of data
ontime	5977.5999777913	Sum of GTIs [s]
livetime	5901.9080075939	Livetime [s]
ontime4	5977.5999777913	Sum of GTIs [s]
ontime5	5977.5999777913	Sum of GTIs [s]
ontime6	5977.5999777913	Sum of GTIs [s]
ontime7	5977.5999777913	Sum of GTIs [s]
ontime8	5977.5999777913	Sum of GTIs [s]
ontime9	5974.3589376211	Sum of GTIs [s]
l2events	193563	Number of level 2 events

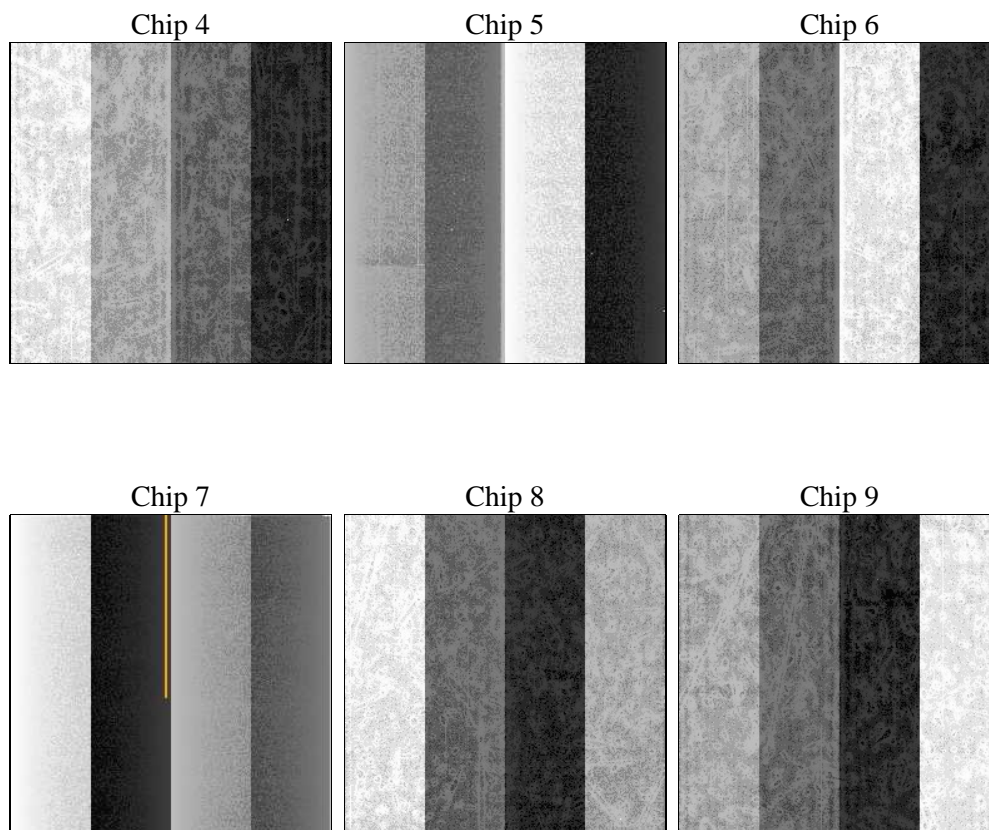
2 OBI

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	5977.5999777913	Sum of GTIs [s]
caldsver	4.5.2	 	ontime4	5977.5999777913	Sum of GTIs [s]
date	2012-11-12T17:21:35	Date and time of file creation	ontime5	5977.5999777913	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	5977.5999777913	Sum of GTIs [s]
			ontime7	5977.5999777913	Sum of GTIs [s]
			ontime8	5977.5999777913	Sum of GTIs [s]
			ontime9	5974.3589376211	Sum of GTIs [s]
			l1events	730023	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	135821	107132	130706	98964	128814	128586	grade 0 events	15930	6046	13826	7099	15946	15468
rejected events	107573	56844	103098	51659	94393	99909		11%	5%	10%	7%	12%	12%
rejected %	79%	53%	78%	52%	73%	77%	grade 1 events	111	104	59	58	75	90
								0%	0%	0%	0%	0%	0%
							grade 2 events	5126	18798	5550	11527	6894	5235
								3%	17%	4%	11%	5%	4%
							grade 3 events	1802	1857	1811	3910	2661	1820
								1%	1%	1%	3%	2%	1%
							grade 4 events	1810	1813	1782	3932	2574	1834
								1%	1%	1%	3%	1%	1%
							grade 5 events	2475	4858	2400	5800	3130	2663
								1%	4%	1%	5%	2%	2%
							grade 6 events	3580	21774	4639	20837	6346	4320
								2%	20%	3%	21%	4%	3%
							grade 7 events	104987	51882	100639	45801	91188	97156
								77%	48%	76%	46%	70%	75%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-456789	ACIS-456789	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	59.15741872534575	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-10.18739763481998	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	22.53763100854056	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.4635187648994			
[mm] SIM translation stage offset	0	-0.007540371344731511			
[s] Observation start time (MET)	469076518.196845	469076517.17185			
Observation start date	2012-11-12T03:01:58	2012-11-12T03:01:57			
[s] Observation end time (MET)	469084392.247268	469084391.22227			
Observation end date	2012-11-12T05:13:12	2012-11-12T05:13:11			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.11.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.9775999777913

A.2 Comments