

V&V Reference Report

L2 ASCDS Version : 10.1.1

Observation 53089 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jan 17 2014

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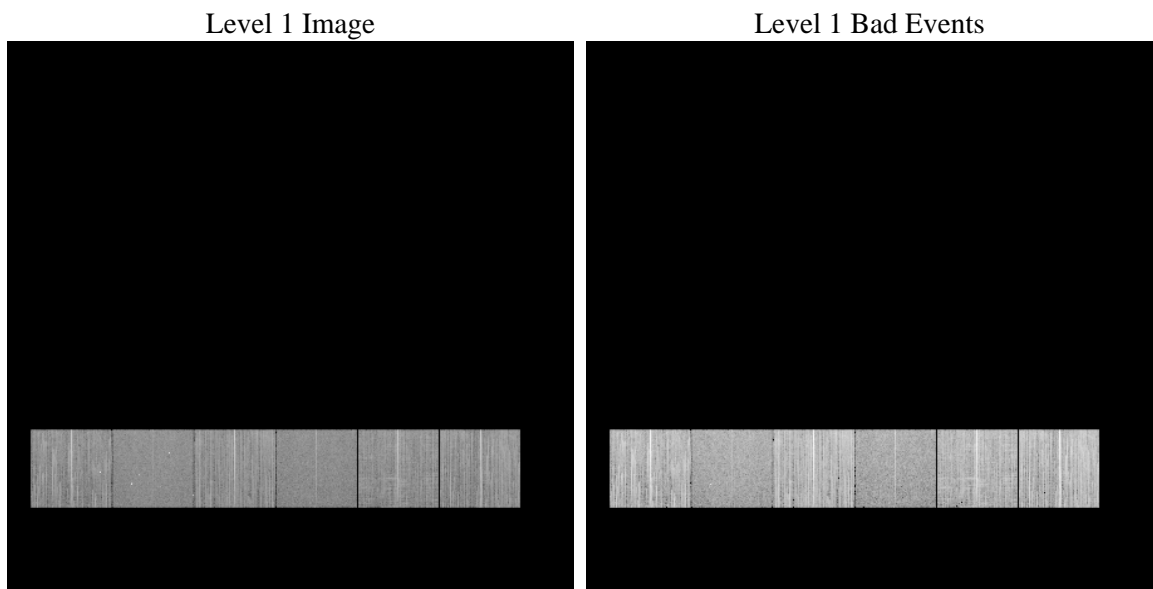
1 Front

seq_num	 	Sequence number
obs_id	53089	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	125.5328189368	Nominal RA [deg]
dec_nom	-4.1189627768078	Nominal Dec [deg]
roll_nom	15.140161756662	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8243.1999693513	Sum of GTIs [s]
livetime	8138.8196078802	Livetime [s]
ontime4	8243.1999693513	Sum of GTIs [s]
ontime5	8243.1999693513	Sum of GTIs [s]
ontime6	8243.1999693513	Sum of GTIs [s]
ontime7	8243.1999693513	Sum of GTIs [s]
ontime8	8239.9589591622	Sum of GTIs [s]
ontime9	8243.1999693513	Sum of GTIs [s]
l2events	212844	Number of level 2 events

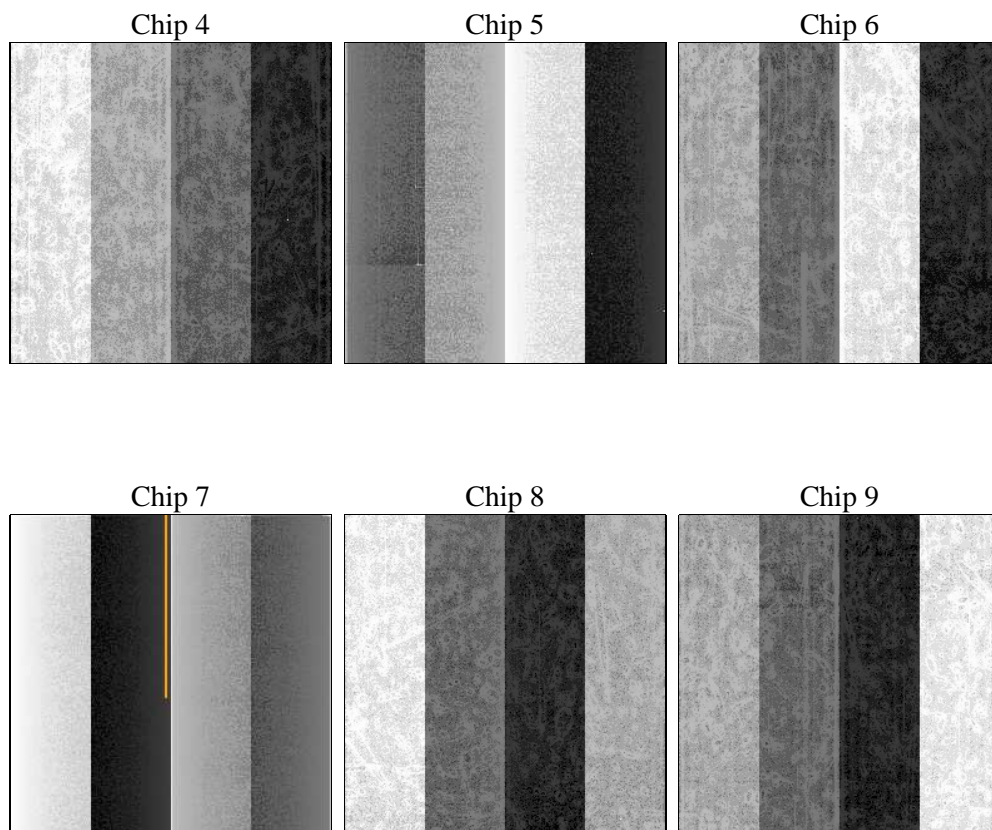
2 OBI

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	10.1.1	Processing system revision	ontime	8243.1999693513	Sum of GTIs [s]
caldbver	4.6.0	 	ontime4	8243.1999693513	Sum of GTIs [s]
date	2014-01-17T19:25:29	Date and time of file creation	ontime5	8243.1999693513	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	8243.1999693513	Sum of GTIs [s]
			ontime7	8243.1999693513	Sum of GTIs [s]
			ontime8	8239.9589591622	Sum of GTIs [s]
			ontime9	8243.1999693513	Sum of GTIs [s]
			l1events	869746	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	149003	127782	159134	117898	150293	165636	grade 0 events	16652	6572	14449	7431	16827	14489
rejected events	119202	70088	129544	64787	112702	137040		11%	5%	9%	6%	11%	8%
rejected %	79%	54%	81%	54%	74%	82%	grade 1 events	142	144	75	105	75	81
								0%	0%	0%	0%	0%	0%
							grade 2 events	5358	21246	6150	12987	7766	5528
								3%	16%	3%	11%	5%	3%
							grade 3 events	2007	2087	1987	4428	2975	1998
								1%	1%	1%	3%	1%	1%
							grade 4 events	2098	1994	2007	4398	2931	1948
								1%	1%	1%	3%	1%	1%
							grade 5 events	3129	5934	3020	7315	4011	3401
								2%	4%	1%	6%	2%	2%
							grade 6 events	3844	26105	5154	24117	7277	4776
								2%	20%	3%	20%	4%	2%
							grade 7 events	115773	63700	126292	57117	108431	133415
								77%	49%	79%	48%	72%	80%

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	125.5328189367964	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-4.118962776807817	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	15.14016175666228	[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	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	506294249.719416	506294248.69442			
Observation start date	2014-01-16T21:17:30	2014-01-16T21:17:28			
[s] Observation end time (MET)	506303890.869946	506303889.84495			
Observation end date	2014-01-16T23:58:11	2014-01-16T23:58:09			
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)	2014.01.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2431999693513

A.2 Comments