

V&V Reference Report

L2 ASCDS Version : 10.3.3

Observation 51960 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Apr 10 2015

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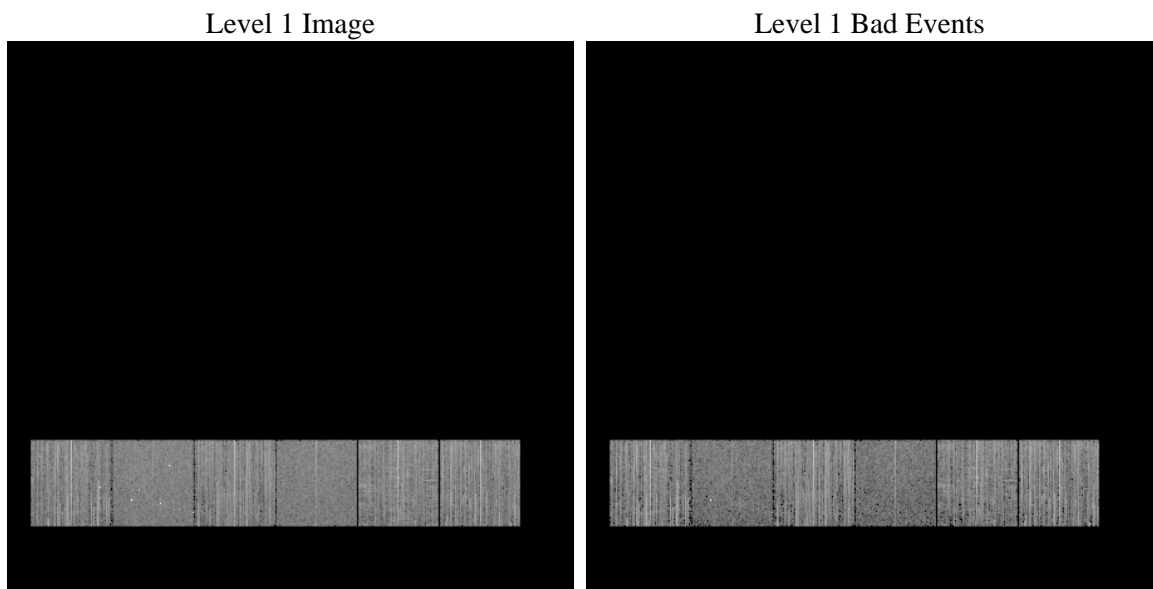
1 Front

seq_num	 	Sequence number
obs_id	51960	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	173.59581420631	Nominal RA [deg]
dec_nom	14.171358490315	Nominal Dec [deg]
roll_nom	229.17891192587	Nominal Roll [deg]
revision	1	Processing version of data
ontime	4140.8000617027	Sum of GTIs [s]
livetime	4088.366758031	Livetime [s]
ontime4	4140.8000617027	Sum of GTIs [s]
ontime5	4140.8000617027	Sum of GTIs [s]
ontime6	4140.8000617027	Sum of GTIs [s]
ontime7	4140.8000617027	Sum of GTIs [s]
ontime8	4140.8000617027	Sum of GTIs [s]
ontime9	4140.8000617027	Sum of GTIs [s]
l2events	103004	Number of level 2 events

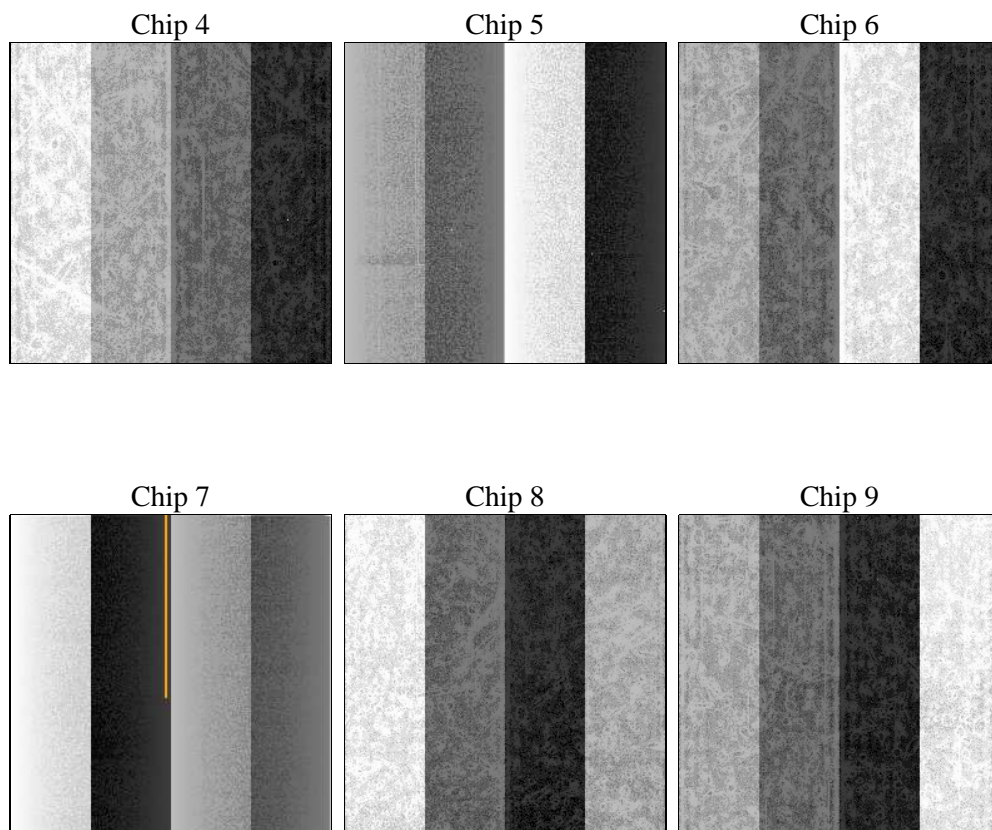
2 OBI

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	10.3.3	Processing system revision	ontime	4140.8000617027	Sum of GTIs [s]
caldbver	4.6.7	 	ontime4	4140.8000617027	Sum of GTIs [s]
date	2015-04-10T05:01:35	Date and time of file creation	ontime5	4140.8000617027	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	4140.8000617027	Sum of GTIs [s]
			ontime7	4140.8000617027	Sum of GTIs [s]
			ontime8	4140.8000617027	Sum of GTIs [s]
			ontime9	4140.8000617027	Sum of GTIs [s]
			l1events	447124	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	80016	69027	80015	59736	77209	81121	grade 0 events	8096	5666	6571	3362	7961	6756
rejected events	65250	38097	65709	34414	58068	67140		10%	8%	8%	5%	10%	8%
rejected %	81%	55%	82%	57%	75%	82%	grade 1 events	71	101	21	51	43	38
								0%	0%	0%	0%	0%	0%
							grade 2 events	2766	10995	3358	6637	4355	2982
								3%	15%	4%	11%	5%	3%
							grade 3 events	999	796	888	1928	1447	956
								1%	1%	1%	3%	1%	1%
							grade 4 events	1036	785	884	1879	1434	897
								1%	1%	1%	3%	1%	1%
							grade 5 events	1554	3131	1512	3498	1968	1706
								1%	4%	1%	5%	2%	2%
							grade 6 events	2171	13338	2894	12079	4316	2655
								2%	19%	3%	20%	5%	3%
							grade 7 events	63323	34215	63887	30302	55685	65131
								79%	49%	79%	50%	72%	80%

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	173.5958142063088
[deg] Pointing Dec	0	14.17135849031481
[deg] Pointing Roll	0.0	229.1789119258652
[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)	544948260.564105	544948259.5391001
Observation start date	2015-04-09T06:31:01	2015-04-09T06:30:59
[s] Observation end time (MET)	544954783.66447	544954782.63947
Observation end date	2015-04-09T08:19:44	2015-04-09T08:19:42
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
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)	2015.04.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.1408000617027

A.2 Comments